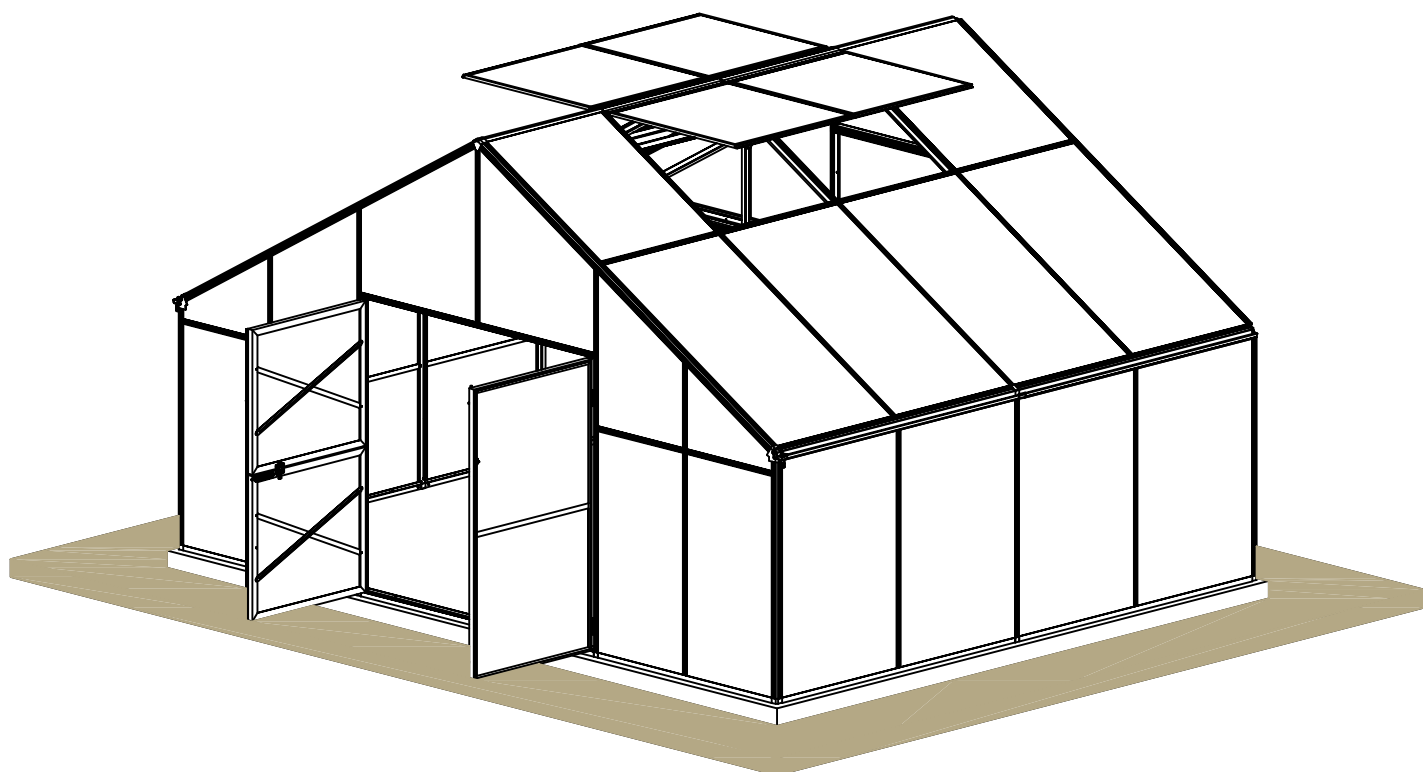


# Greenhouse GM32504 Assembly instructions

[www.ttshop.se](http://www.ttshop.se)



**MODEL:GM325ΔΔ**

**PRODUCT SIZE(LxWxH):Please refer to packing list**

**PLEASE READ CAREFULLY BEFORE ASSEMBLY**

## Item No. & Packing List

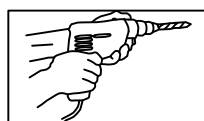
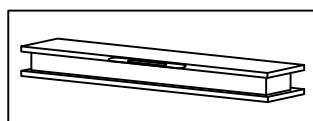
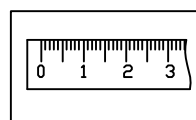
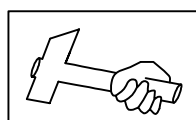
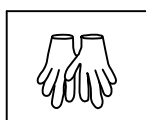
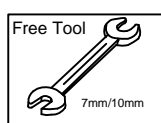
Item No.	Product Size (LxWxH)	Packing List					
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GM32504	406x506x302CM	1CTN <input type="checkbox"/>	1CTN <input type="checkbox"/>	1CTN <input type="checkbox"/>	1CTN <input type="checkbox"/>	1CTN <input type="checkbox"/>	2CTNS <input type="checkbox"/>
etc.		1CTN <input type="checkbox"/>	1CTN <input type="checkbox"/>	1CTN <input type="checkbox"/>	etc.	1CTN <input type="checkbox"/>	etc.

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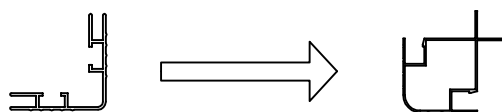
## Assembly and Maintenance Advice

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.

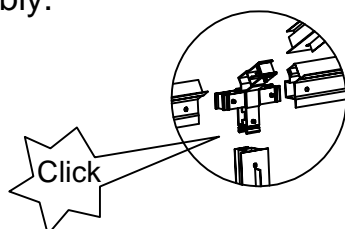


## Functions and Features:

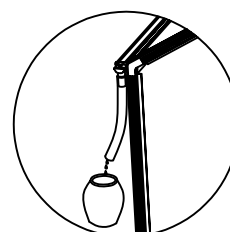
1. Compared with traditional greenhouses this exciting product features many significant improvements. The hollow box profile aluminium framing is much stronger than other greenhouses and it can withstand much greater pressure.



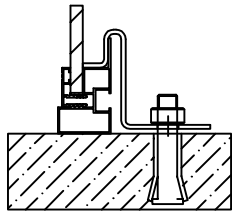
2. Easy and fast assembly.



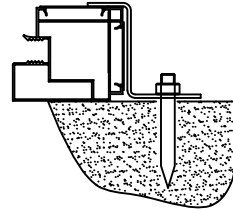
3. The strong two part eaves beam includes an integral gutter. Downpipes are also included as standard so you can collect rainwater.



- The greenhouse can be easily extended at any stage in 2m long sections as detailed in the table of Front Page.
- 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).

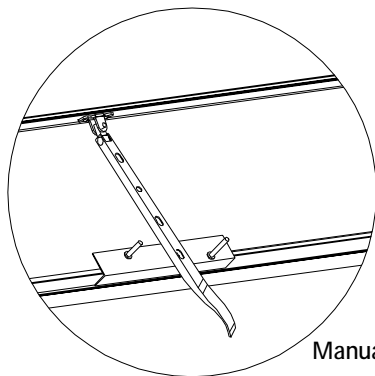


Expansion bolt  
in concrete

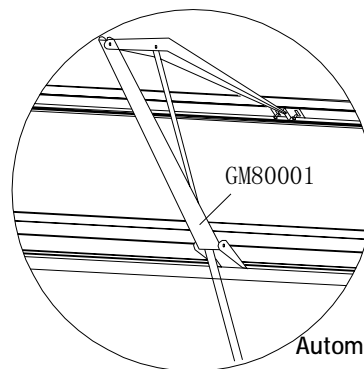


Steel bar/Lawn land

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

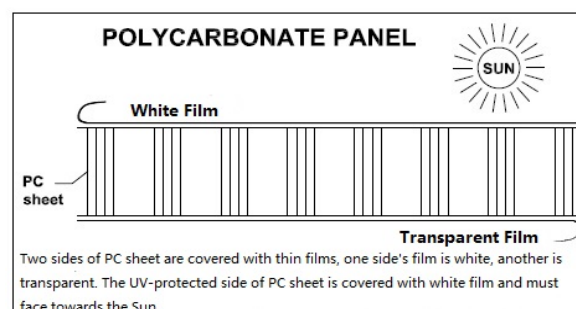


Manual opener




















Automatic opener

- Please ensure the roof vents are not installed into the end roof bays of the greenhouse as this is where you need the bracing.
- Both ends doors are optional and available for this model. If both ends doors are chosen, please pick up two Front Assembly parts instead of one Front and one Rear part.
- Each Polycarbonate Panel comes with UV protected properties. Therefore, please ensure the white film is facing outward towards the sun (remove the film before installing into aluminium channel).























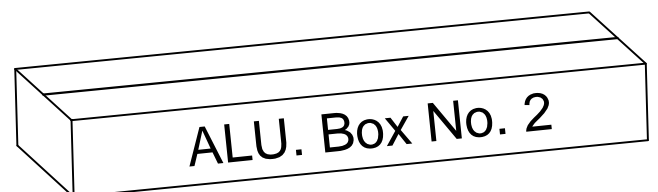
# GM32504 ALU. Box No.1

PART	NO.	QTY.	PART	NO.	QTY.
	L01A	4		L04A	1
	L02C	2		L04C	1
	L02D	2		L04D	8
	L02F	3		L04E	2
	L02G	4		L05A	4
	L03C	1		L05B	2
	L03D	1		L08A	4
	L03E	1		L08B	2
	L03F	1			











































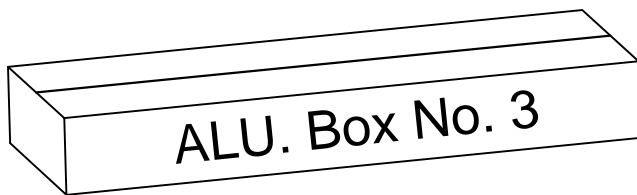
# GM32504 ALU. Box No.2

PART	NO.	QTY.	PART	NO.	QTY.
	L01B	2		L06	1
	L01C	2		L07	2
	L02A	2		L08B	2
	L02B	2		L09	2
	L02E	1		L15A	2
	L02F	2		L19	4
	L04B	2		L20	2
	L05B	2		L21	2
	L05C	2		L04E	2
	L05D	2		L22	3












































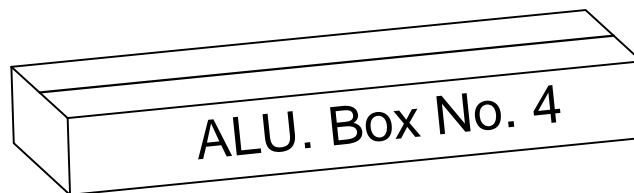
# GM32504 ALU. Box No.3

PART	NO.	QTY.	PART	NO.	QTY.	PART	NO.	QTY.
	L18A	2		A	2		S01 M6X10	175
	L18B	2		B	2		S02 M6X16	4
	L18C	1		C	4		M01 M6	179
	L18D	1		D	2		Z01 Ø5X15	26
	L18E	2		E	2		Z02 Ø4X16D	26
	L18F	1		F	2		Z03 Ø5X30	10
	L16A	1		J	12		Z04 Ø4X10	14
	L16B	1		W01	10		W05	14
	L16C	1		W04	1		S03 M8X60	14
	L17	1		W06	4		J03R/L	2/2
	L05G	4		W08	2		J04	4
	L05H	4		W08A	2		J01	2
							J02R/L	2/2
							J08	4
							W10	1
							S04 Ø3.2X10	4















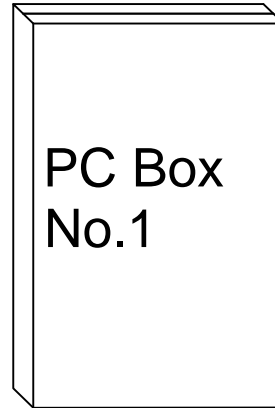
# GM32504 ALU. Box No.4 (2 Section Assembly)

PART	NO.	QTY.	PART	NO.	QTY.	PART	NO.	QTY.	PART	NO.	QTY.
	L02A	2		L06	1		G	2		J05	1
	L02B	2		L07	2		H	1		J06	2
	L02F	2		L08B	2		C	2		S01 M6X10	86
	L02H	2		L09	2		W02	2		S02 M6X16	4
	L02K	1		L15A	2		W03	2		M01 M6	90
	L03A	2		L19	4		W07	2		Z02 Ø4X16D	12
	L03B	2		L20	2		W06	4		Z03 Ø5X30	8
	L04B	2		L21	2		W08	2		Z04 Ø4X10	8
	L05B	2		L04E	2		W08A	2		W05	4
	L05C	2		L22	3		J04	2		S03 M8X60	4
	L05D	2									







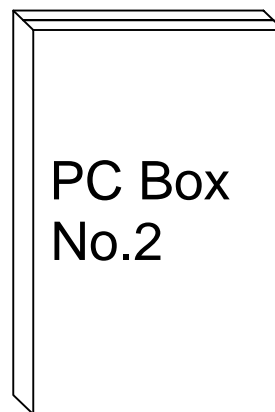
# GM32504 PC Box No.1

PART	NO.	QTY.
	Y1	2
	Y2	2
	Y3	1
	Y4	2
	Y5	1
	Y8	1
	Y11	2
	Y12	2
	Y13	1
	Y14	8
	Y15	2
	Y16	2



# GM32504 PC Box No.2 x 2PCS (2 Section Assembly)

PART	NO.	QTY.
	Y6	4
	Y7	2
	Y9	4
	Y10	2

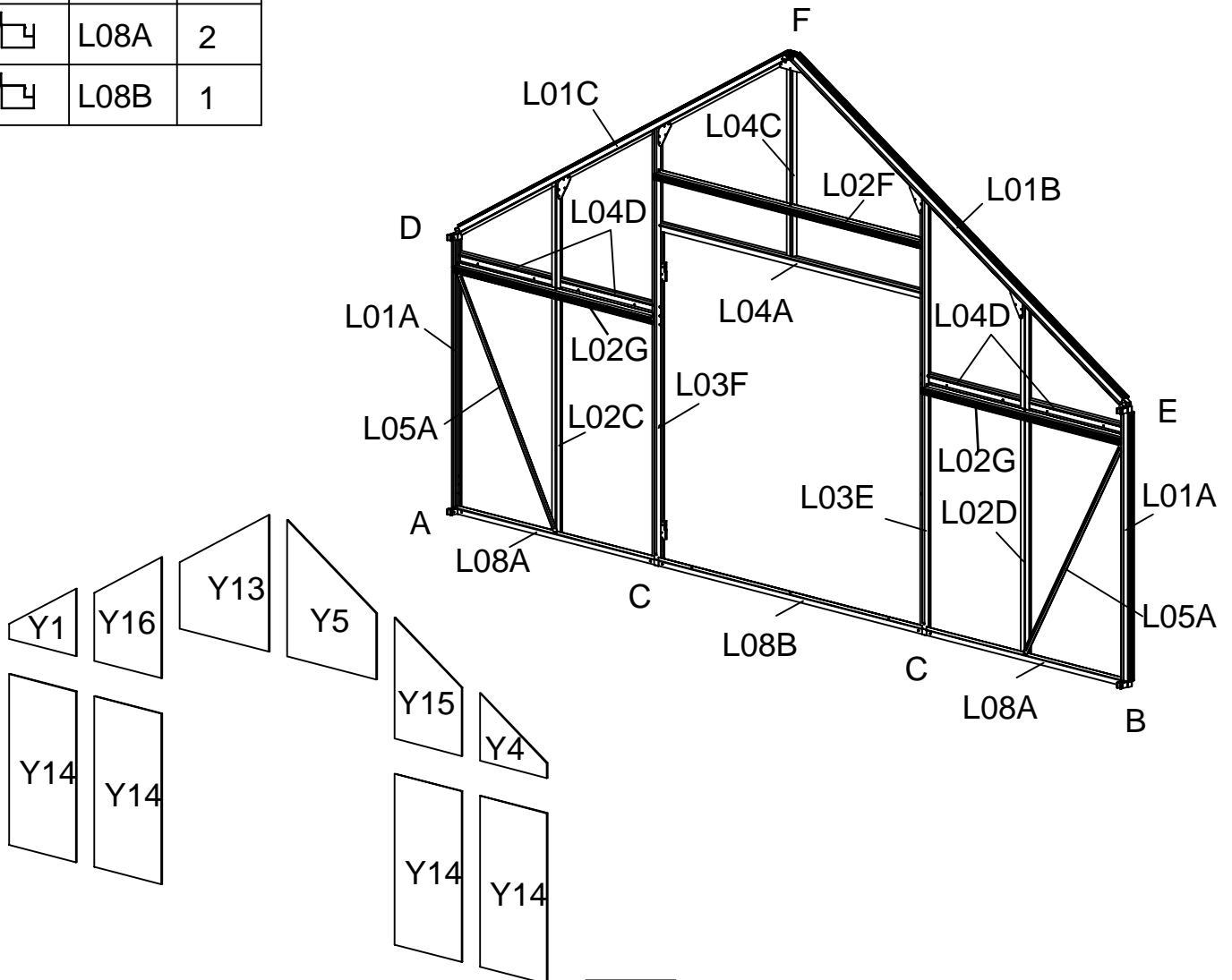




PART	NO.	QTY.	PART	NO.	QTY.	PART	NO.	QTY.	PART	NO.	QTY.
	L01A	2		A	1		W05	4		Y1	1
	L01B	1		B	1		S03 M8X60	4		Y4	1
	L01C	1		C	2		J03R/L	1/1		Y5	1
	L02C	1		D	1		J04	2		Y13	1
	L02D	1		E	1		J01	1		Y14	4
	L02F	1		F	1		J02R/L	1/1		Y15	1
	L02G	2		W01	5		J08	2		Y16	1
	L03E	1		W04	1		W10	1			
	L03F	1		S01 M6X10	53		Z04 Ø4X10	4			
	L04A	1		M01 M6	53		S04 Ø3.2X10	4			
	L04C	1		Z02 Ø4X16D	6						
	L04D	4									
	L05A	2									
	L08A	2									
	L08B	1									

## Front Wall Assembly

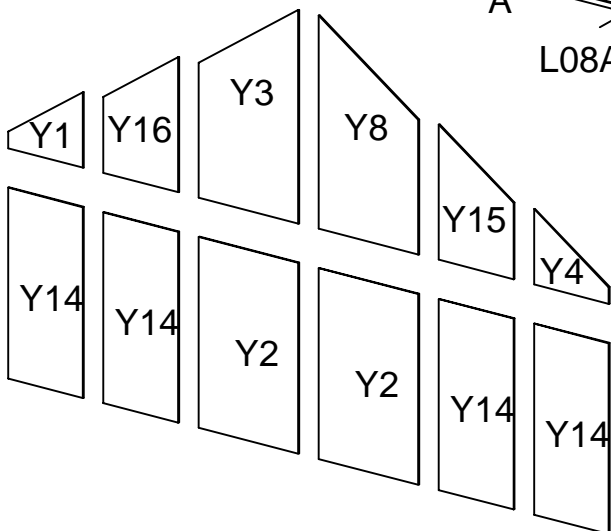
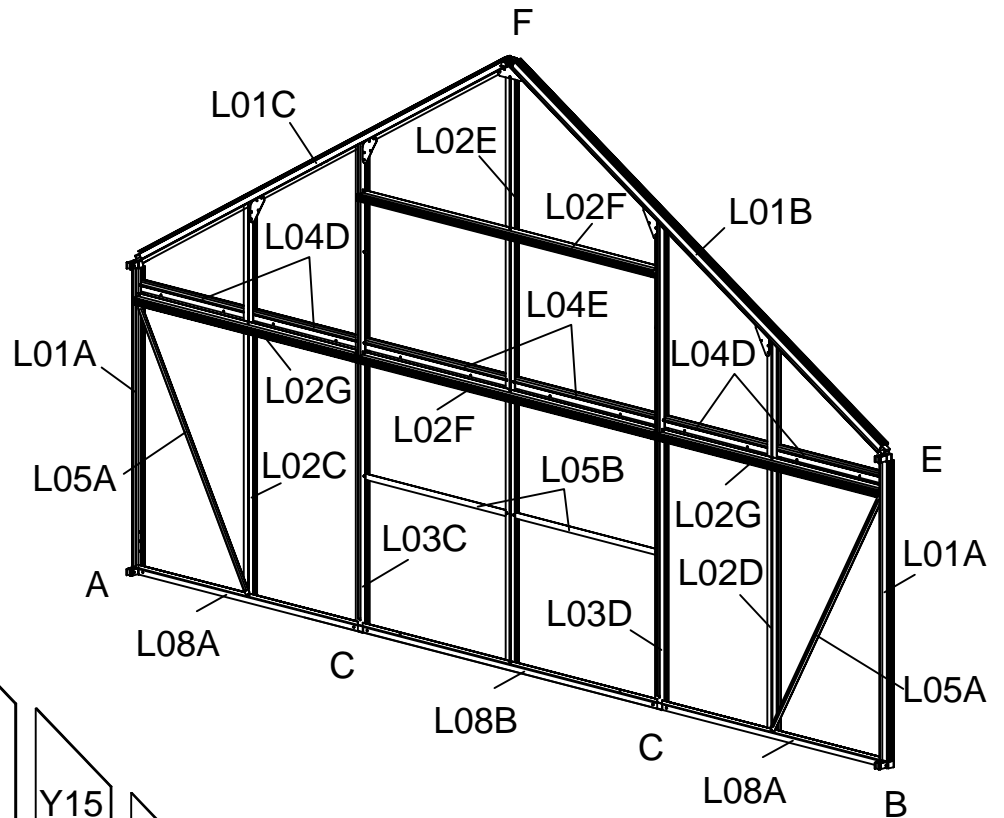
Overview



































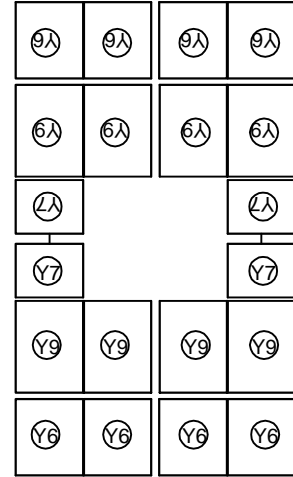
PART	NO.	QTY.	PART	NO.	QTY.	PART	NO.	QTY.	PART	NO.	QTY.
	L01A	2		A	1		W05	6		Y1	1
	L01B	1		B	1		S03 M8X60	6		Y2	2
	L01C	1		C	2		J03R/L	1/1		Y3	1
	L02C	1		D	1		J04	2		Y4	1
	L02D	1		E	1		J01	1		Y8	1
	L02E	1		F	1		J02R/L	1/1		Y14	4
	L02F	2		W01	5		J08	2		Y15	1
	L02G	2		S01 M6X10	64					Y16	1
	L03C	1		M01 M6	64						
	L03D	1		Z02 Ø4X16D	6						
	L04D	4									
	L04E	2									
	L05A	2									
	L05B	2									
	L08A	2									
	L08B	1									

## Rear Wall Assembly






Overview

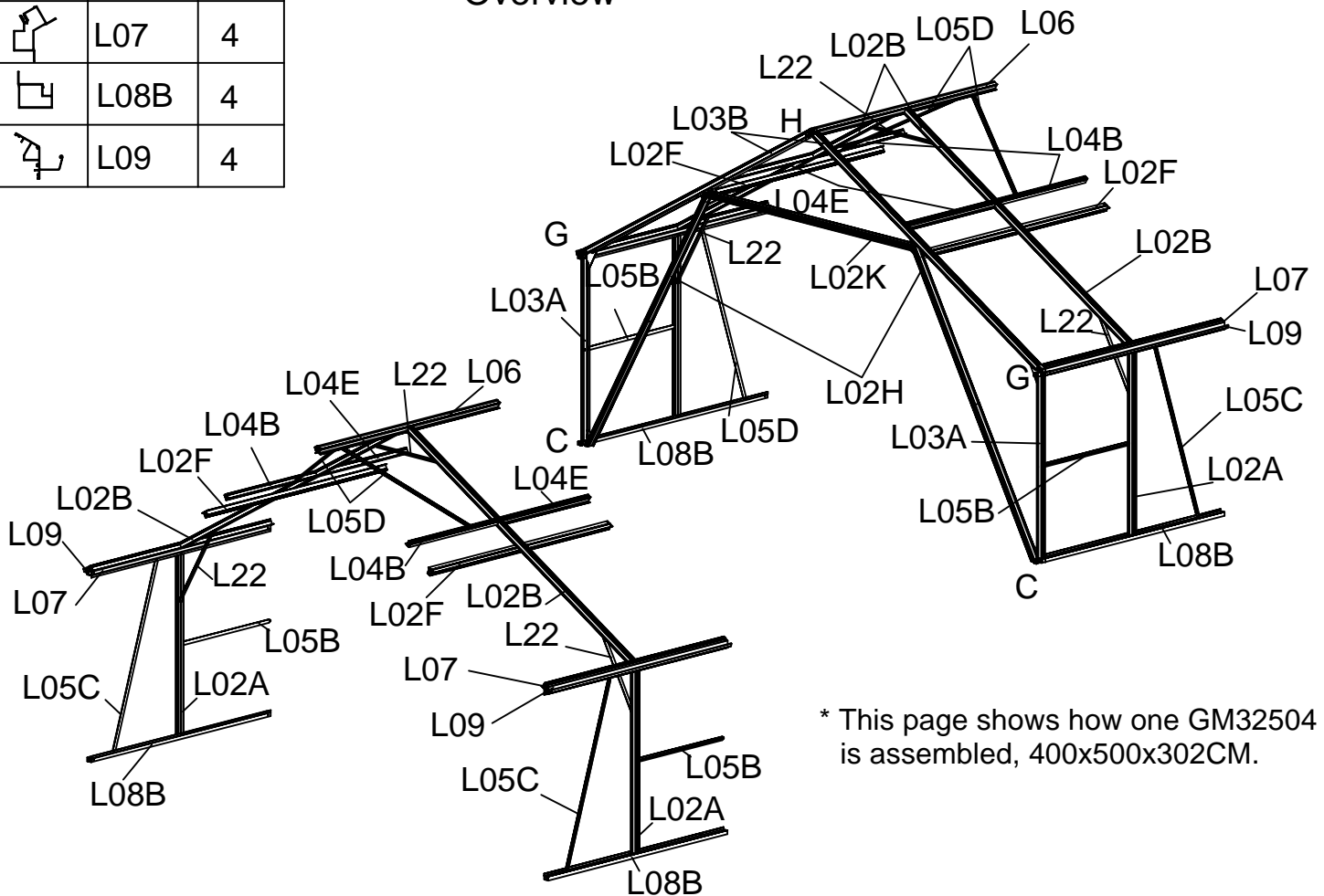


PART	NO.	QTY.	PART	NO.	QTY.	PART	NO.	QTY.	PART	NO.	QTY.
	L02A	4		G	2		S01	140		Y6	8
							M6X10				
	L02B	4		H	1		M01	140		Y7	4
							M6				
	L02F	4		C	2		Z03	16		Y9	8
							Ø5X30				
	L02H	2		W02	2		W05	8			
	L02K	1		W03	2		S03	8			
							M8X60				
	L03A	2		W07	2						
	L03B	2		W06	8						
	L04B	4		W08	4						
	L04E	4		W08A	4						
	L05B	4		J04	2						
	L05C	4		J05	1						
	L05D	4		J06	2						



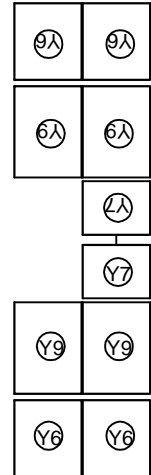
### 4 Section Assembly Overview

	L22	6
	L06	2
	L07	4
	L08B	4
	L09	4



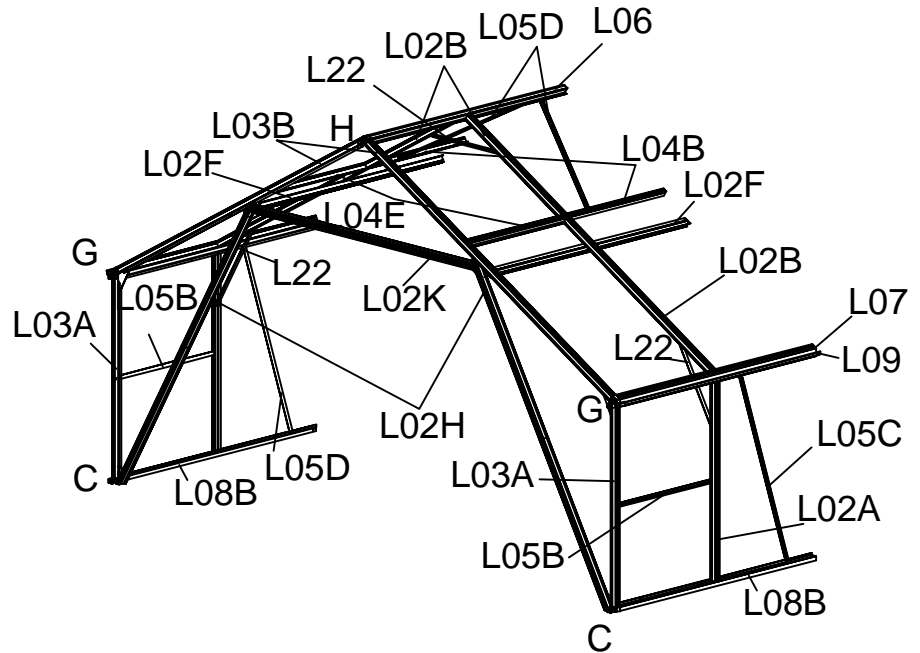
\* This page shows how one GM32504 is assembled, 400x500x302CM.

PART	NO.	QTY.	PART	NO.	QTY.	PART	NO.	QTY.	PART	NO.	QTY.
	L02A	2		G	2		S01 M6X10	86		Y6	4
	L02B	2		H	1		M01 M6	86		Y7	2
	L02F	2		C	2		Z03 Ø5X30	8		Y9	4
	L02H	2		W02	2		W05	4			
	L02K	1		W03	2		S03 M8X60	4			
	L03A	2		W07	2						
	L03B	2		W06	4						
	L04B	2		W08	2						
	L04E	2		W08A	2						
	L05B	2		J04	2						
	L05C	2		J05	1						
	L05D	2		J06	2						
	L22	3									

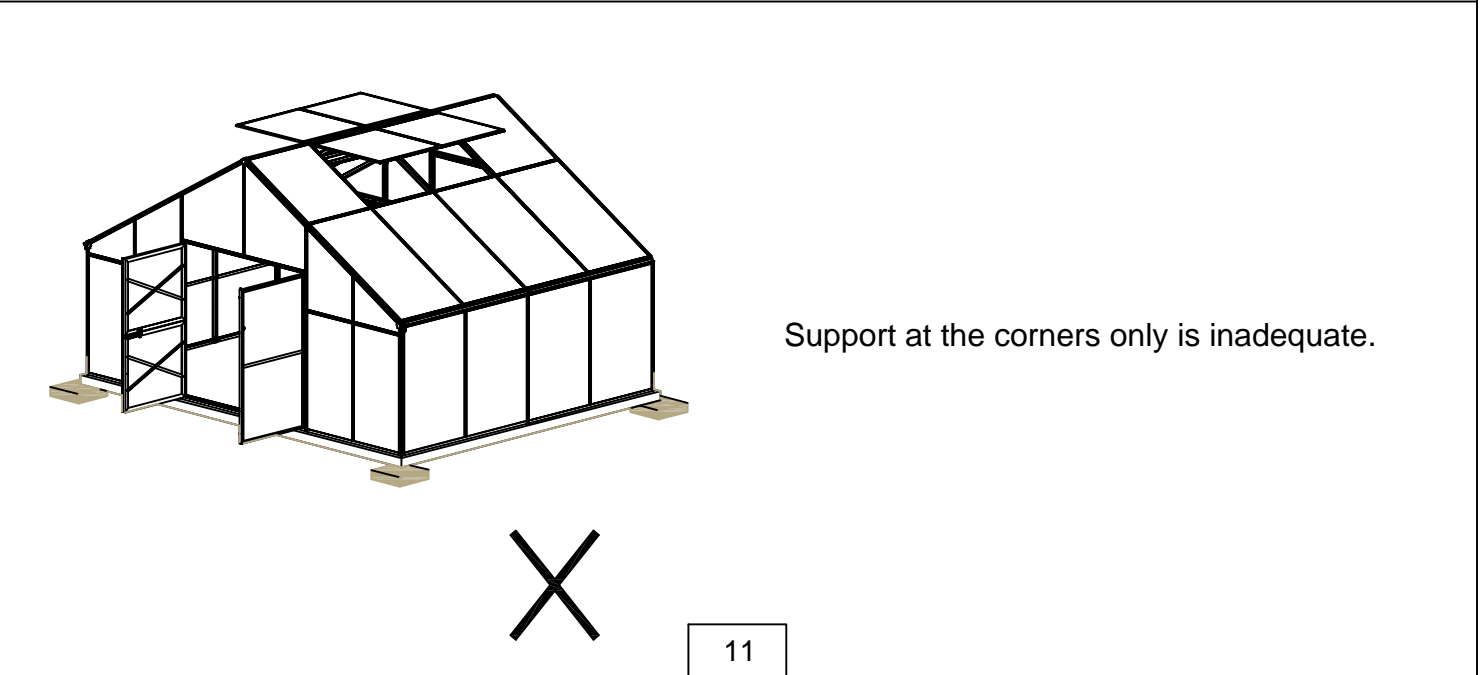
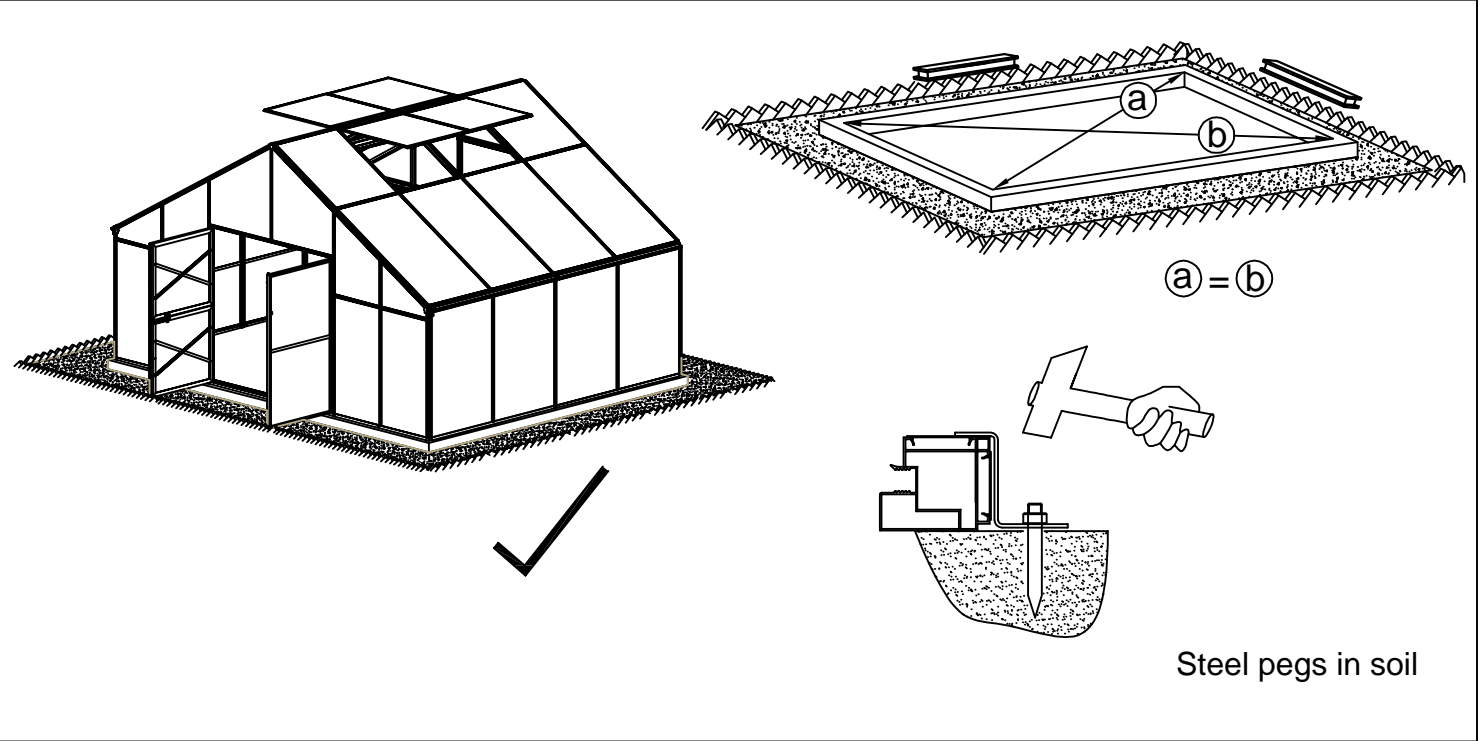
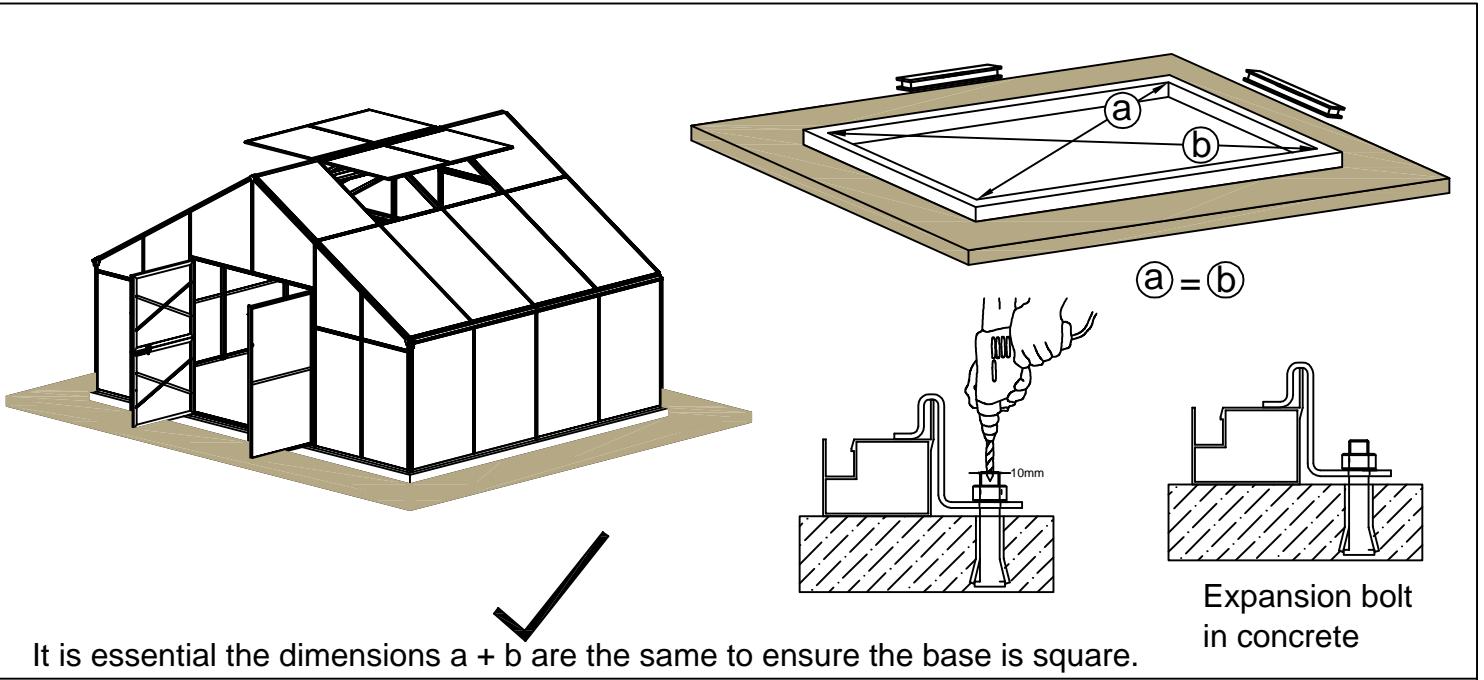


## 2 Section Assembly

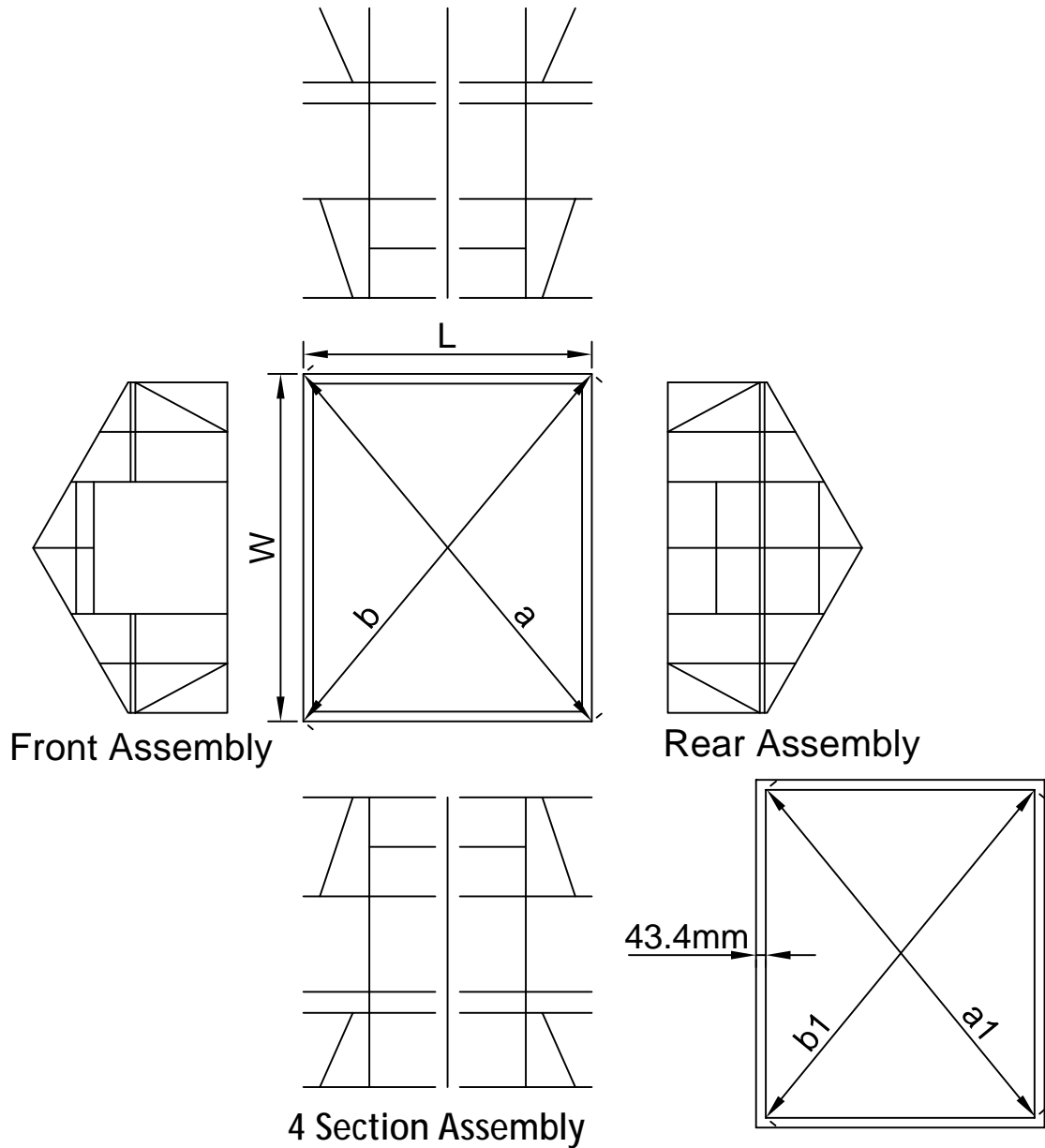
Overview



\* This page shows how one 2 Section is assembled for a longer size.



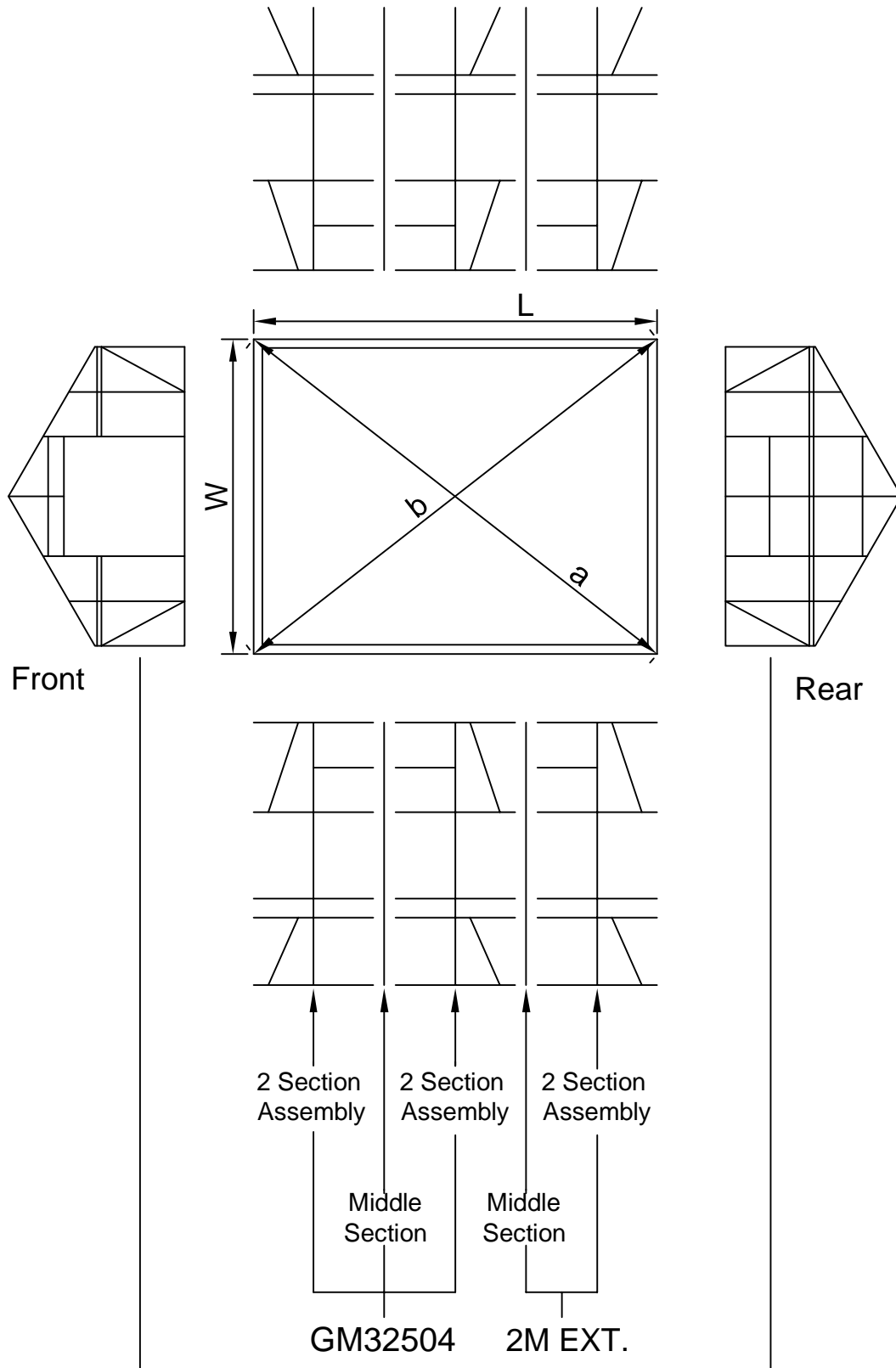
# GM32504



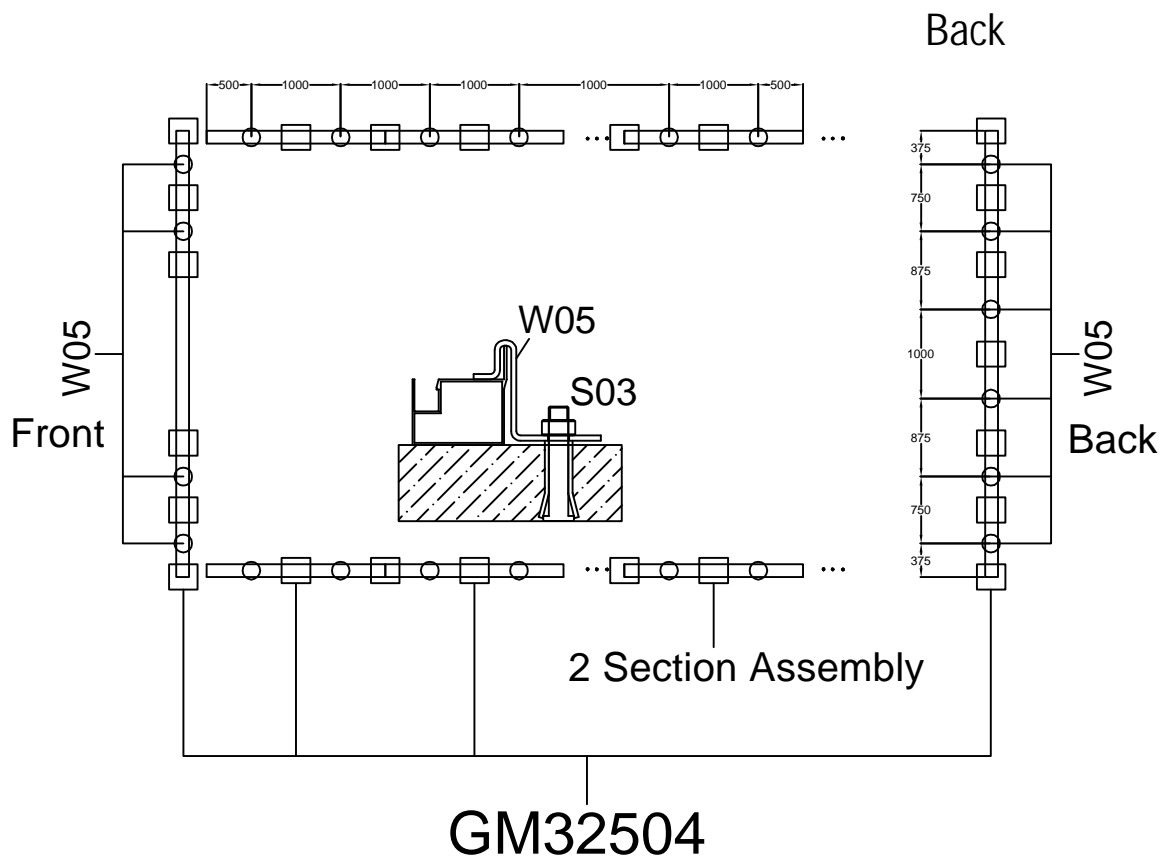
Item No. Dimensions	GM32504	GM32506	GM32508	GM32510	GM32512	GM32514	GM32516	GM32518	etc.
$W(\text{mm})$	5061.8	5061.8	5061.8	5061.8	5061.8	5061.8	5061.8	5061.8	
$L(\text{mm})$	4059.8	6061.8	8063.8	10065.8	12067.8	14069.8	16071.8	18073.8	
$a=b(\text{mm})$	6488.7	7897.3	9520.8	11266.9	13086.4	14952.6	16850.1	18769.2	
$a_1=b_1(\text{mm})$	6366.7	7775	9401.2	11150.4	12972.9	14841.7	16741.3	18662.3	

- \*  $W$ = Outer Width of Base Profiles
- \*  $L$ = Outer Length of Base Profiles
- \*  $a=b$ = Outer Diagonal of Base Profiles
- \*  $a_1=b_1$ = Inner Diagonal of Base Profiles

# GM32506





















\* The basic model, GM32504, can be easily extended by adding a '2 Section Assembly' each time for a longer size.

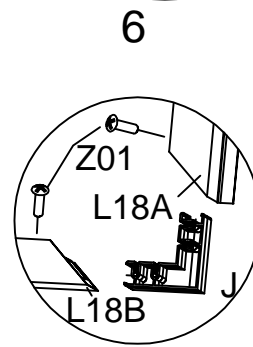
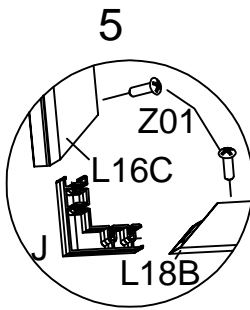
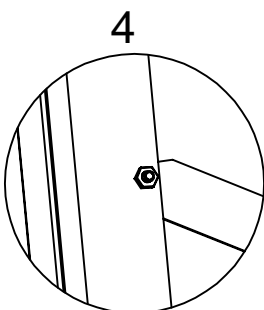
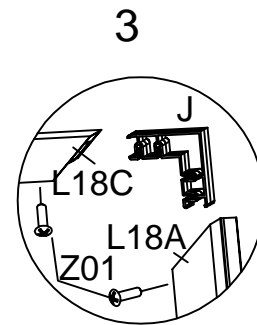
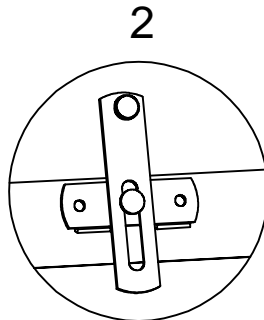
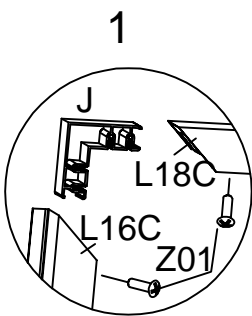
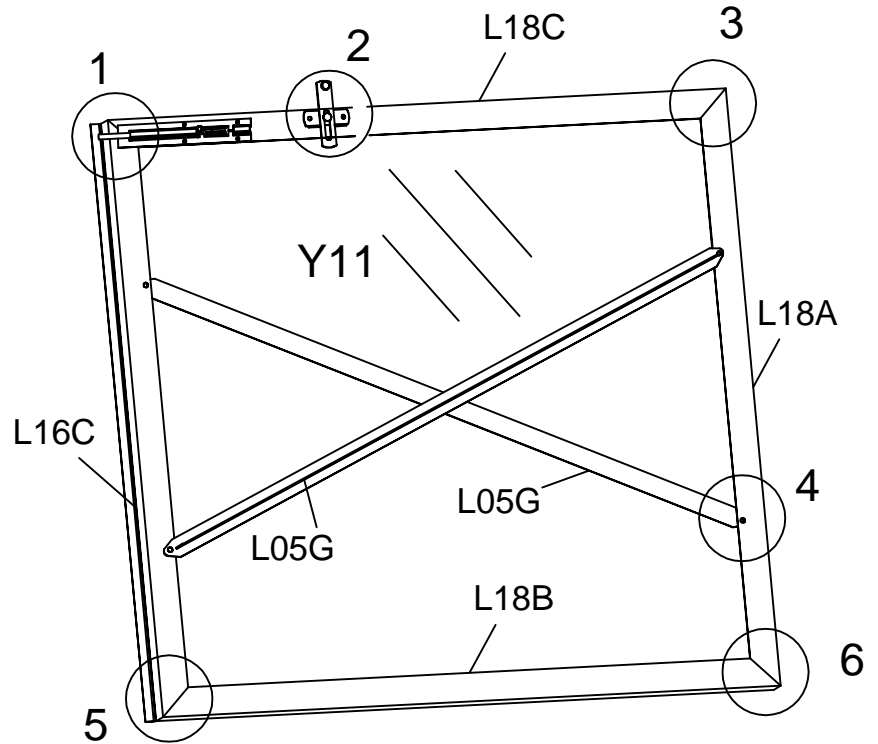


\* This shows a layout for W05's positions where it is placed in the middle of PC panel for each section.

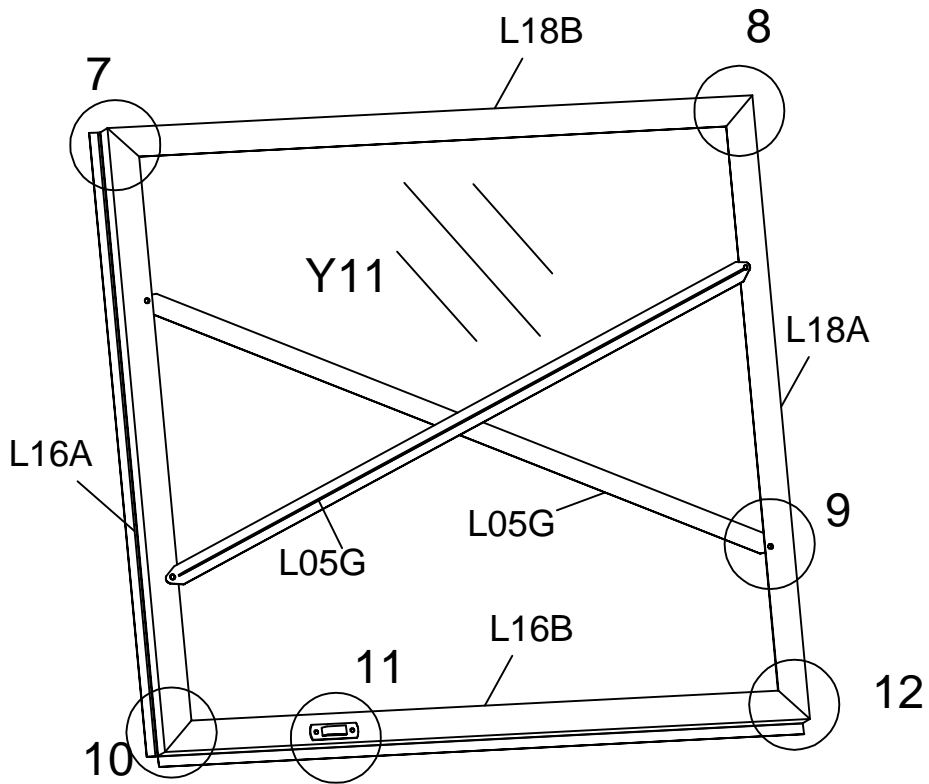


PART	NO.	QTY.
	L18A	2
	L18B	2
	L18C	1
	L18D	1
	L18E	2
	L18F	1
	L16A	1
	L16B	1
	L16C	1
	L17	1
	L05G	4
	L05H	4
	J	12
	S01 M6X10	18
	M01 M6	18
	Z01 Ø5X15	24
	Y11	2
	Y12	2

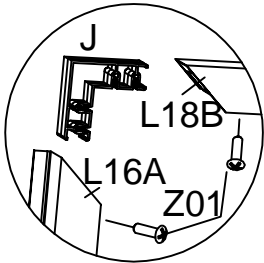
## Door1 Assembly



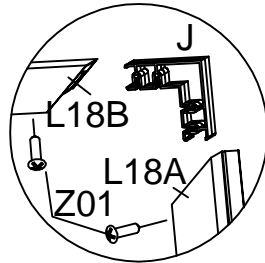
# Door2 Assembly



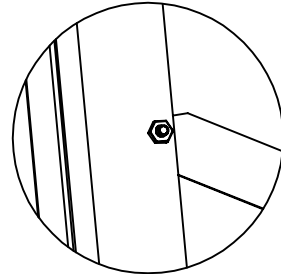
7



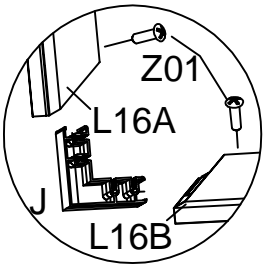
8



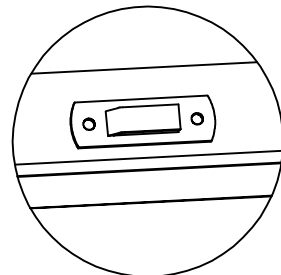
9



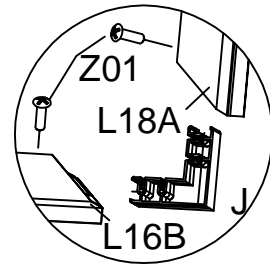
10



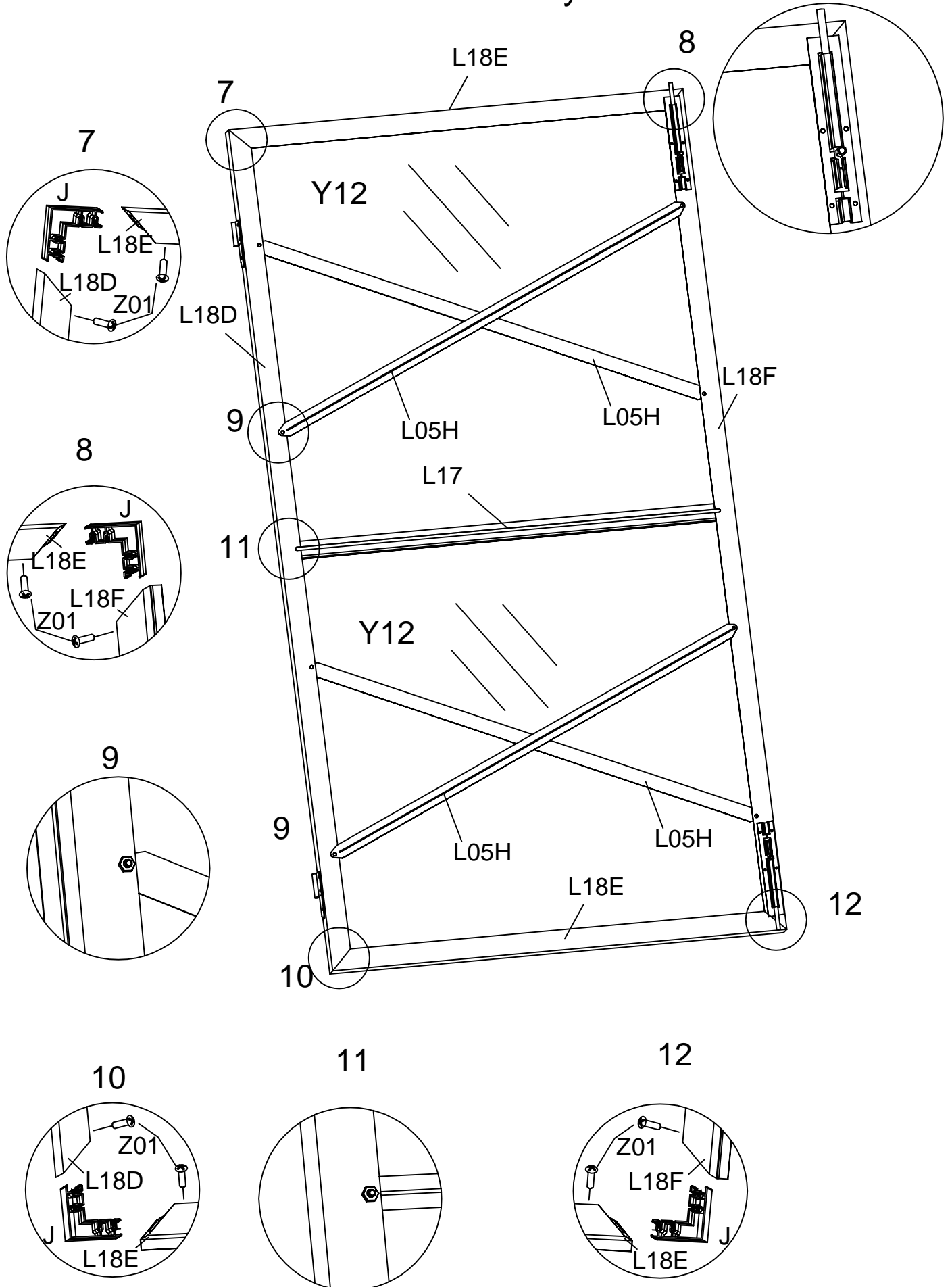
11



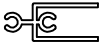









12

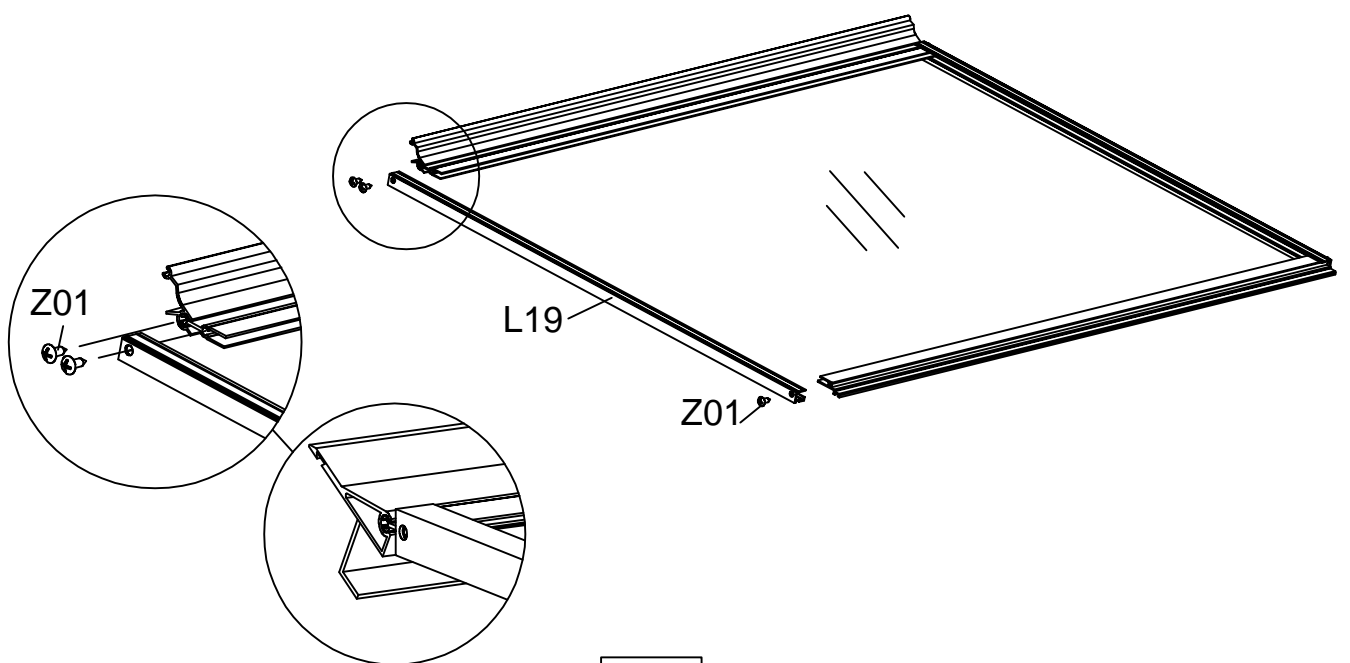
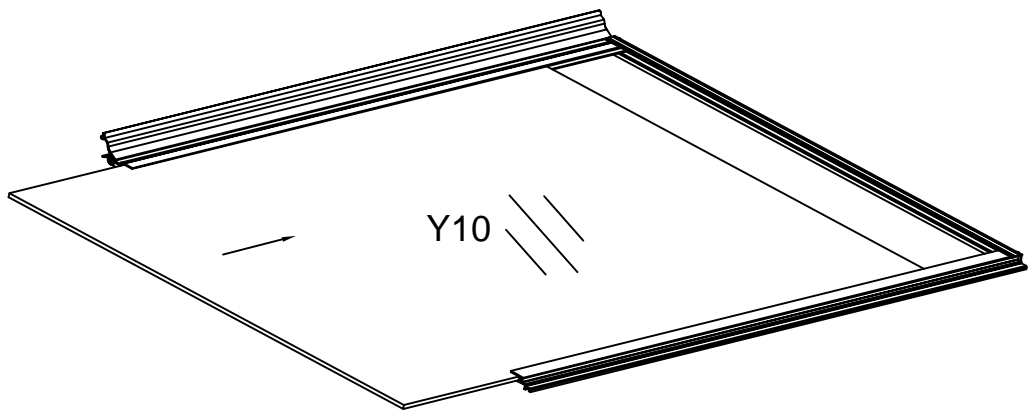
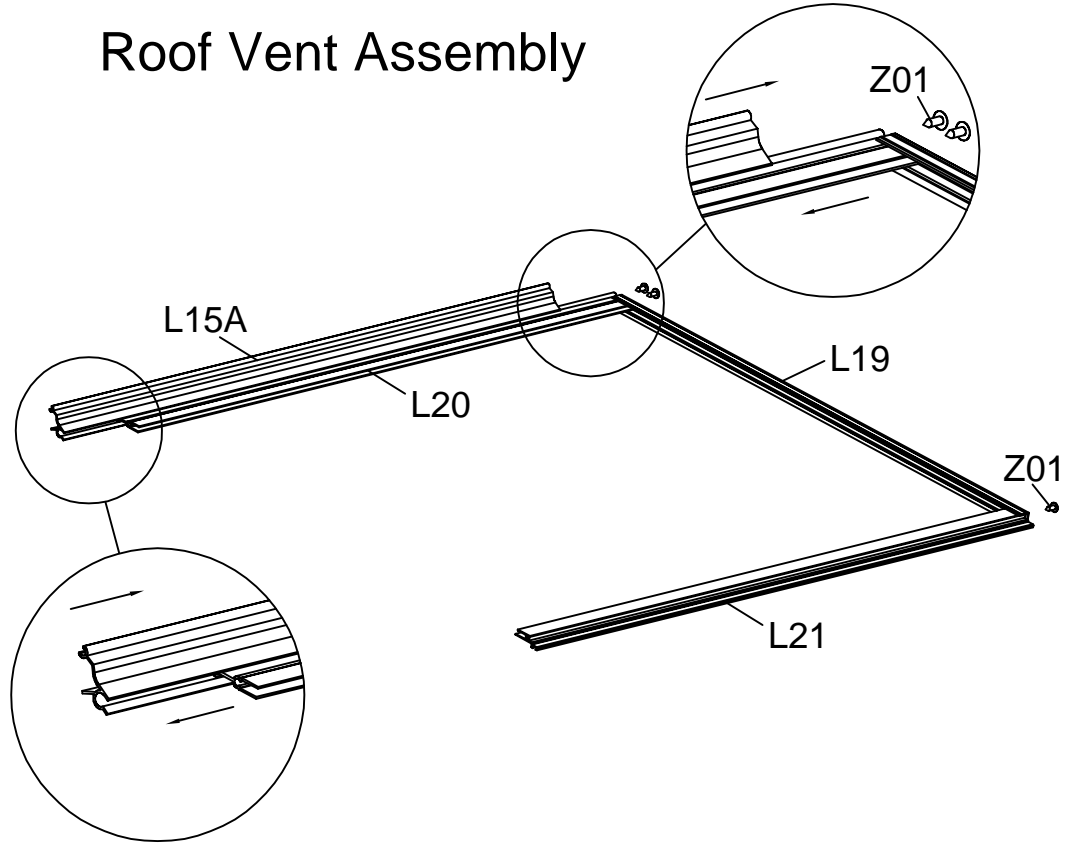


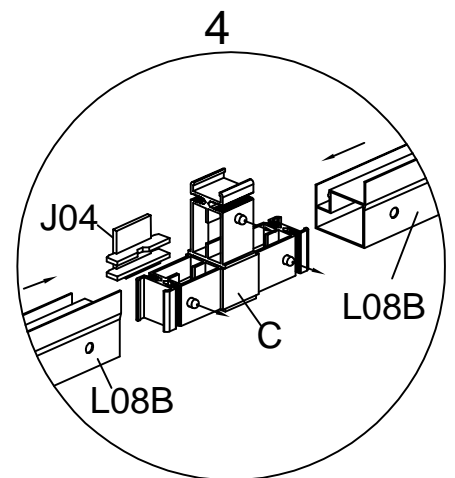
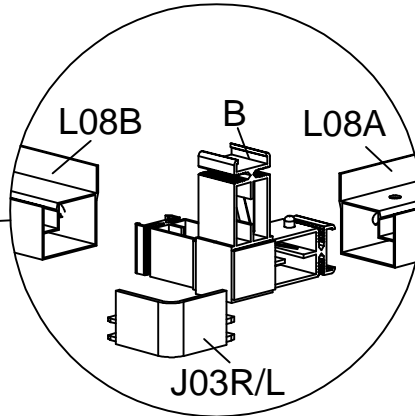
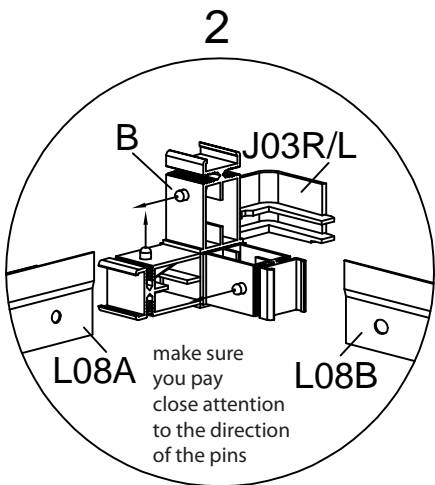
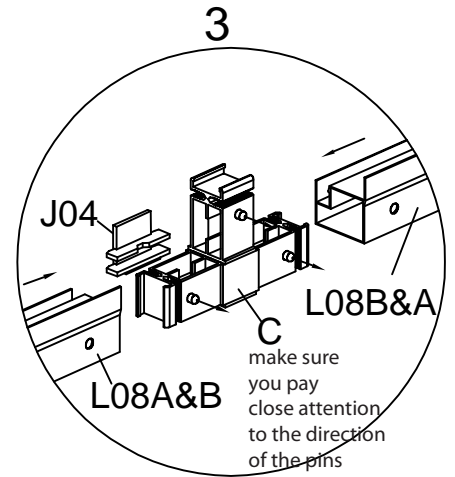
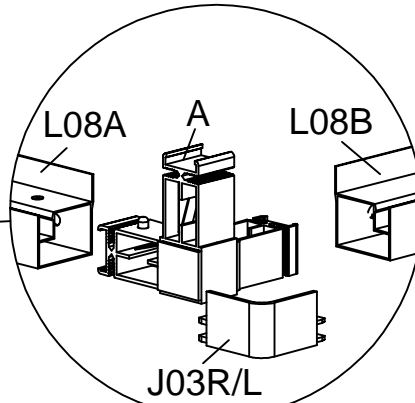
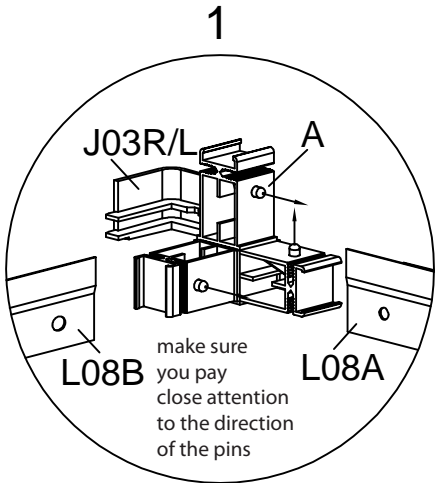
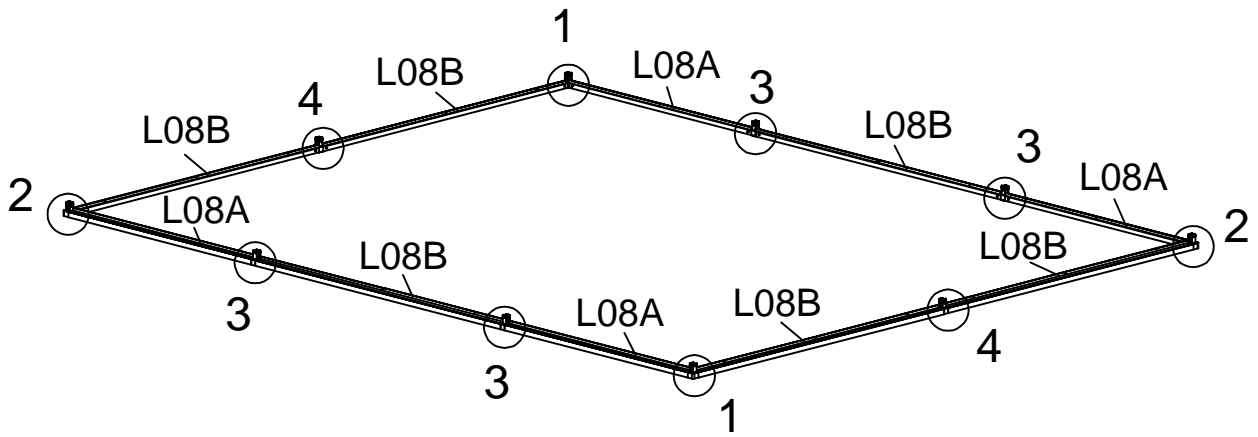
# Door3 Assembly



PART	NO.	QTY.
	L15A	1
	L19	2
	L20	1
	L21	1
	W06	4
	S02 M6X16	2
	M01 M6	2
	Z02 Ø4X16D	6
	Z04 Ø4X10	4
	Y10	1

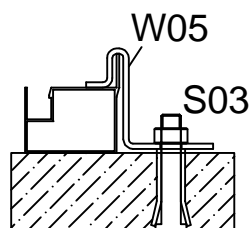
# Roof Vent Assembly

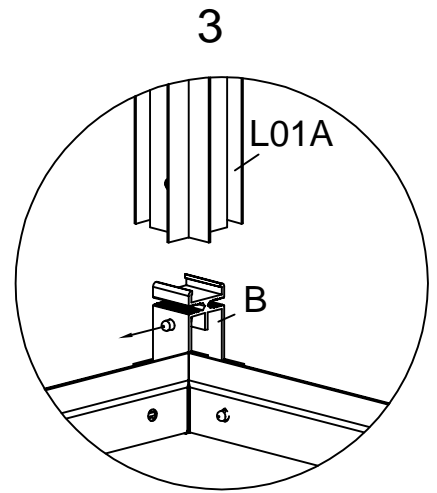
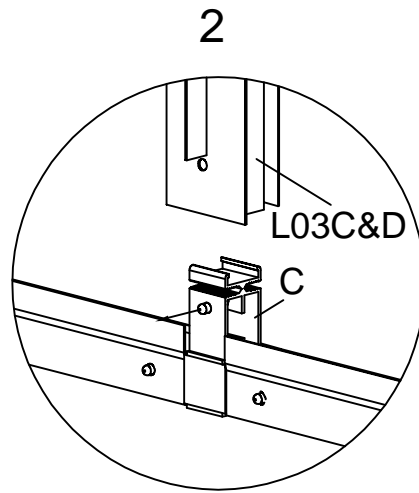
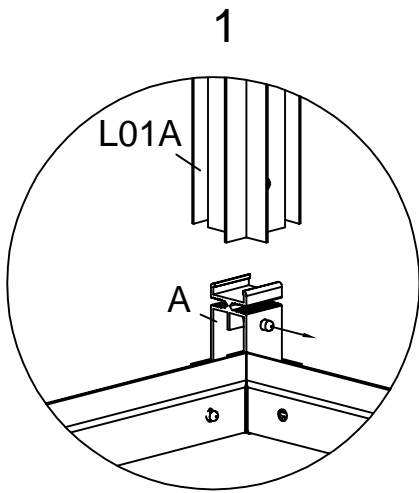
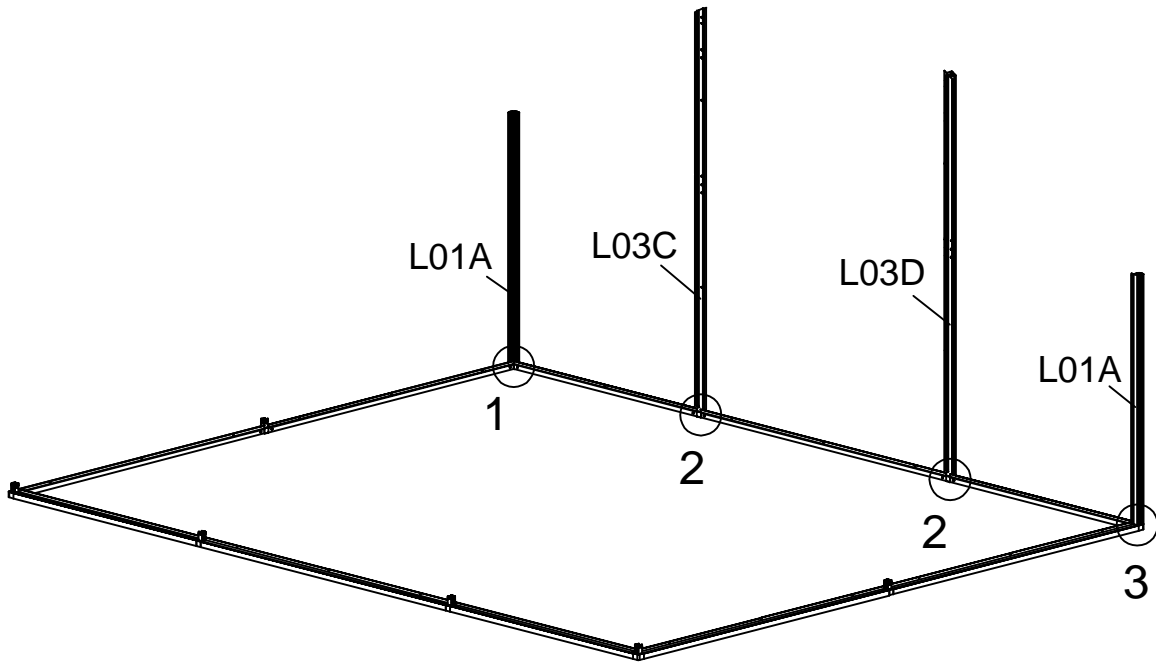


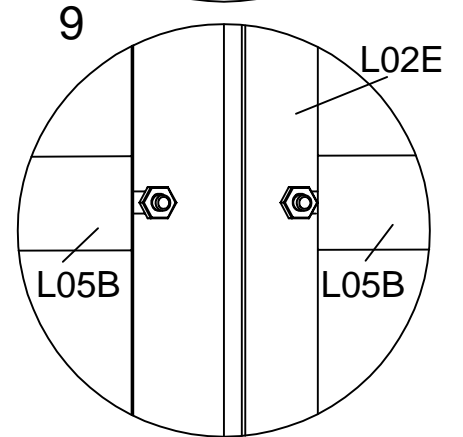
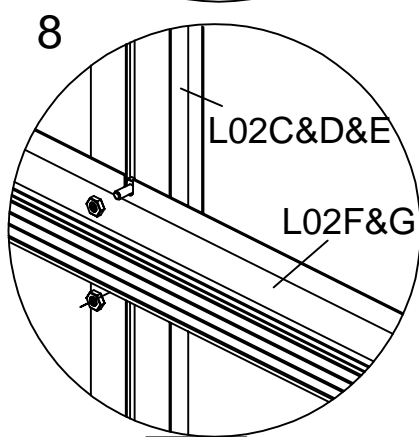
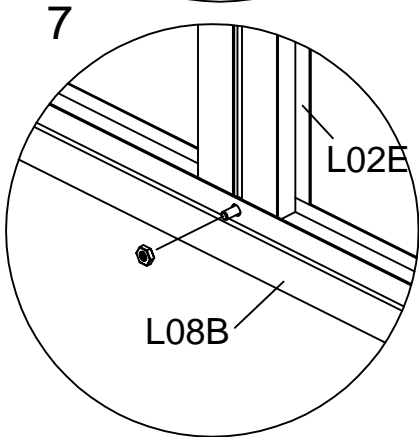
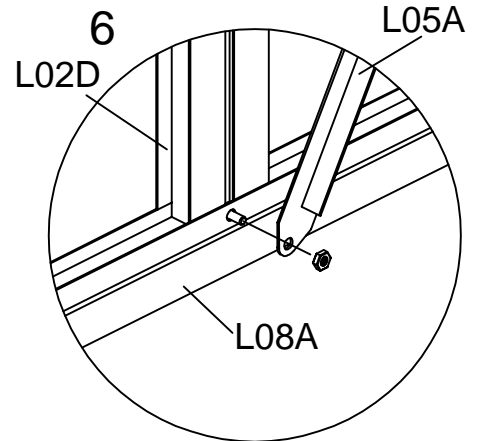
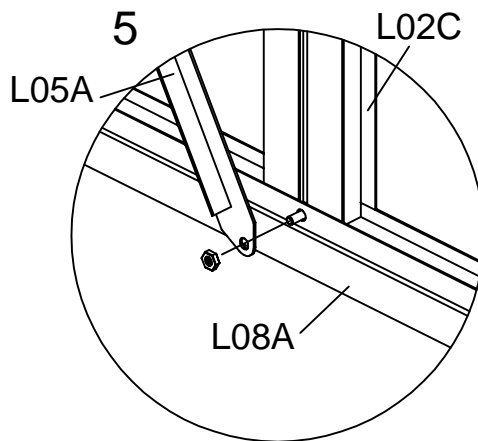
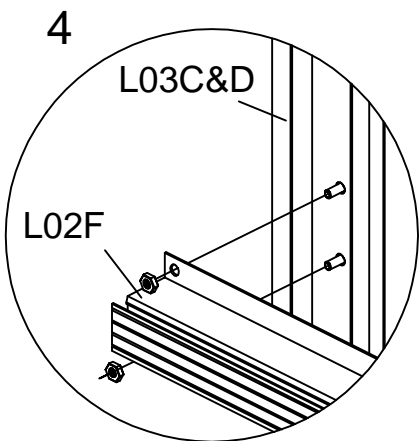
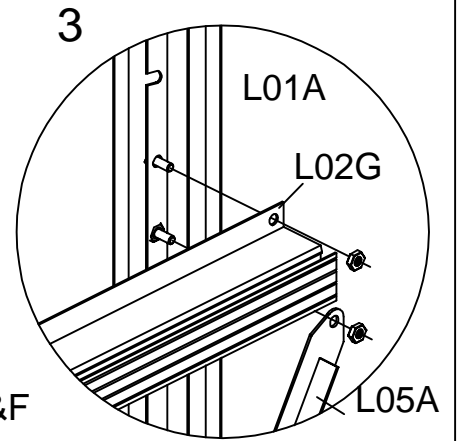
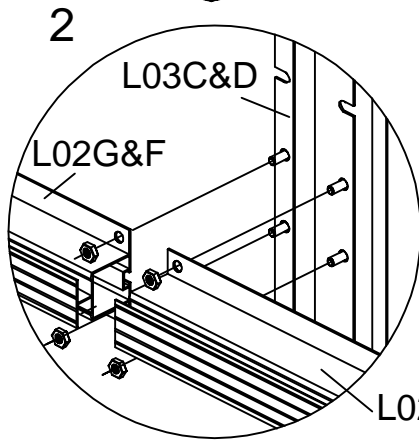
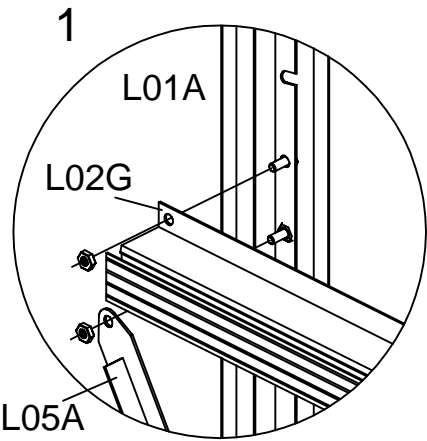
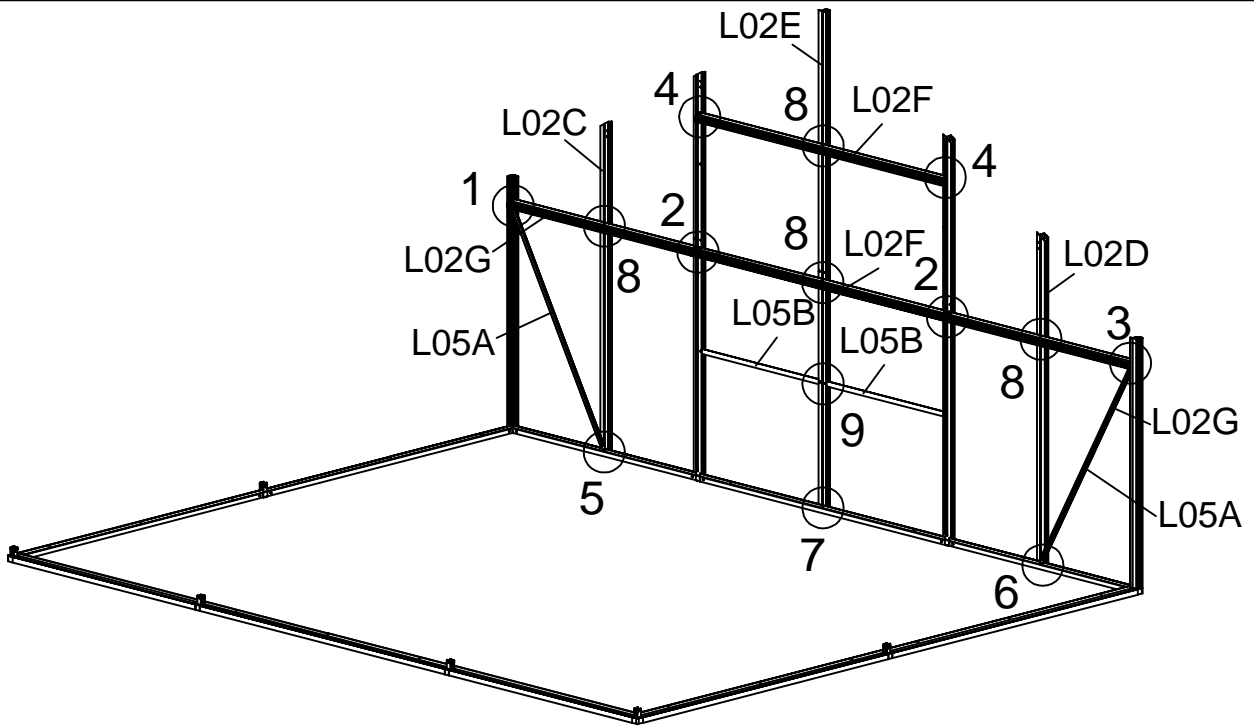


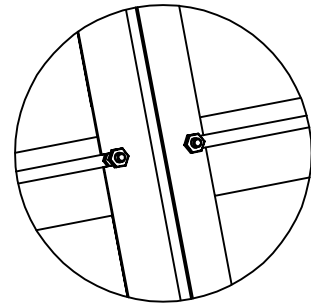
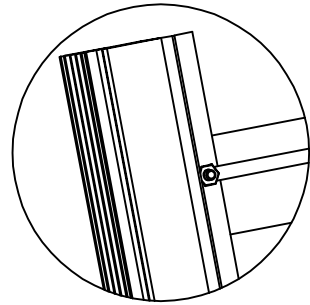
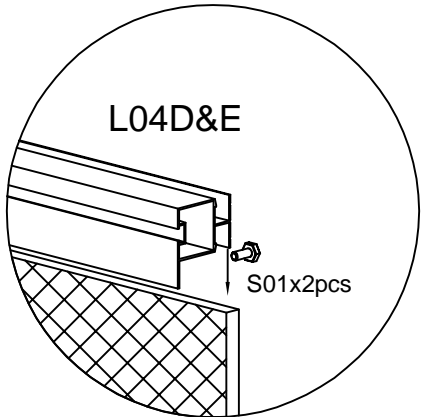
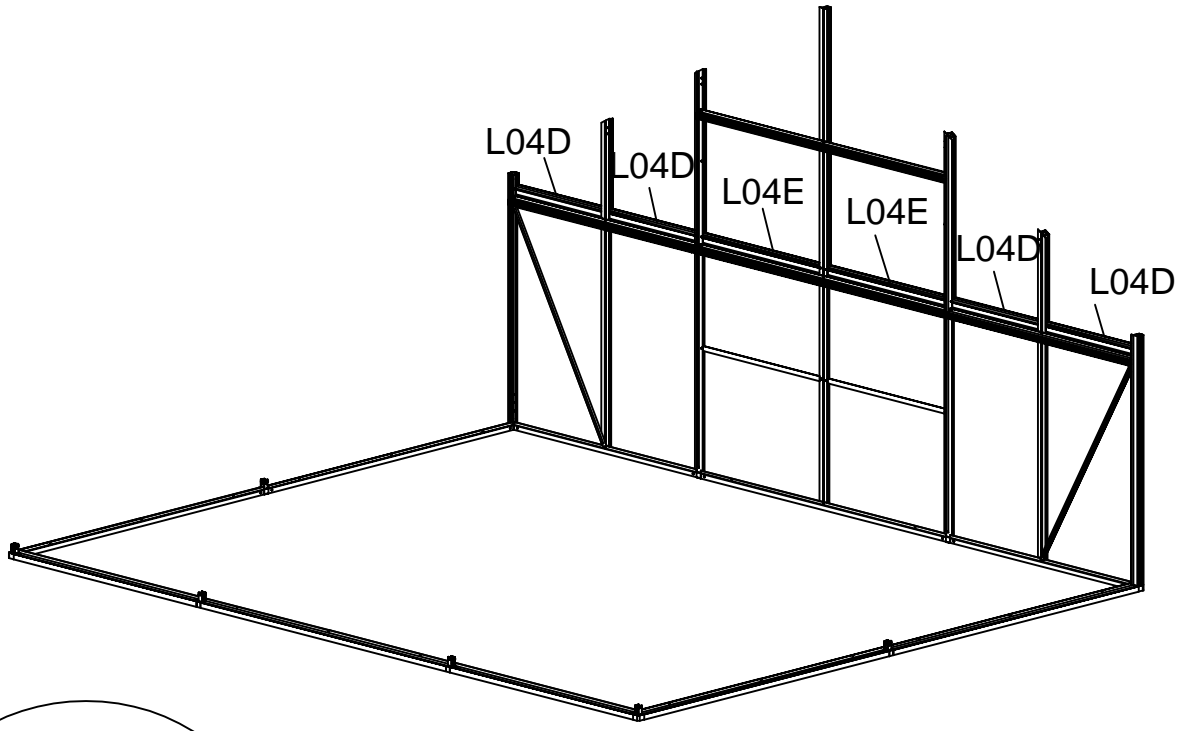
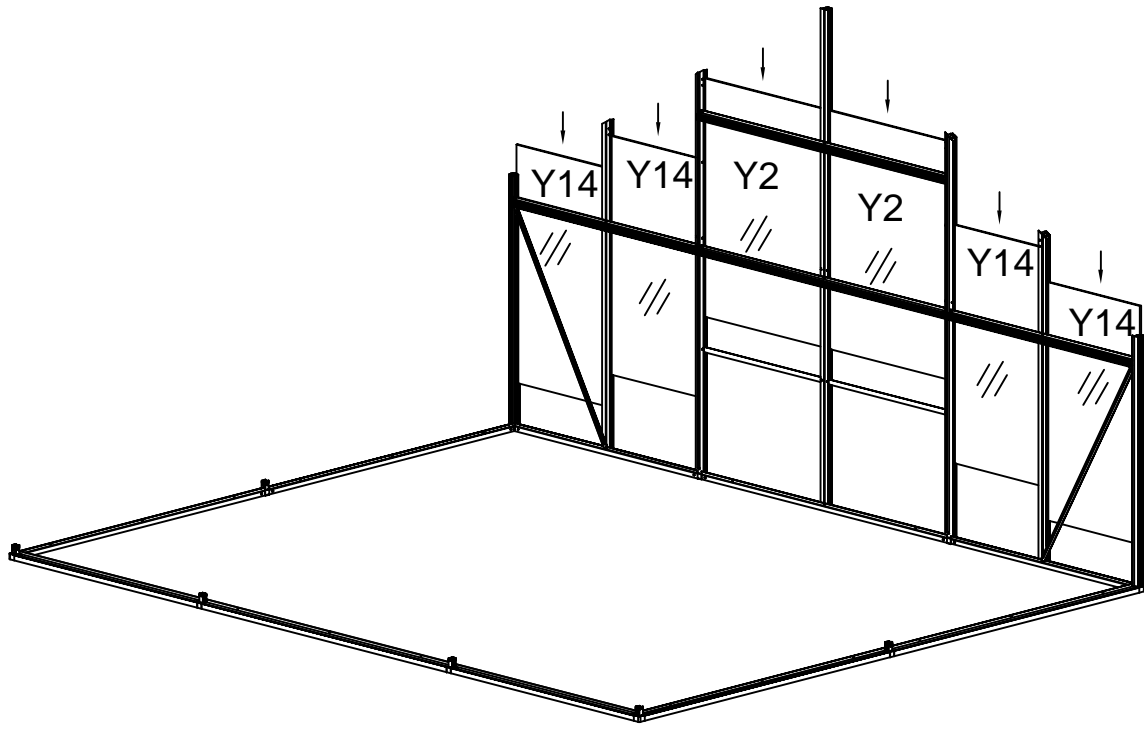
Assemble all W05 followed by previous Page 14 after each base profile is connected.

must connect all plastic parts (J04 and J03 R/L) before completing this step



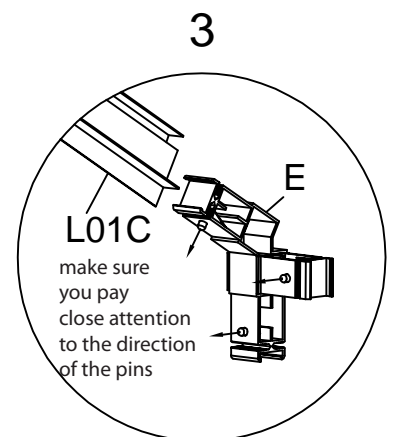
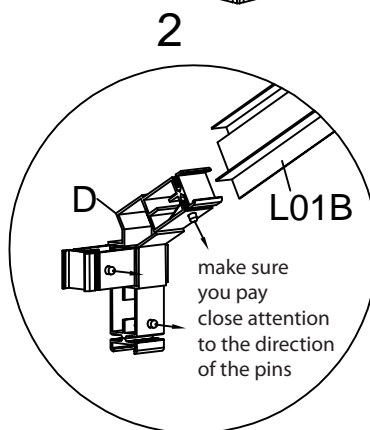
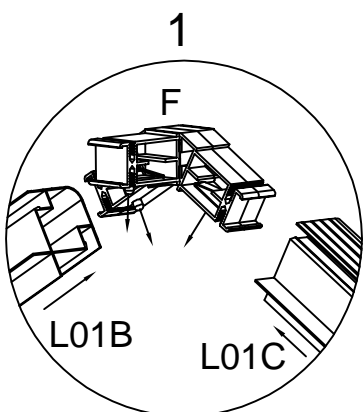
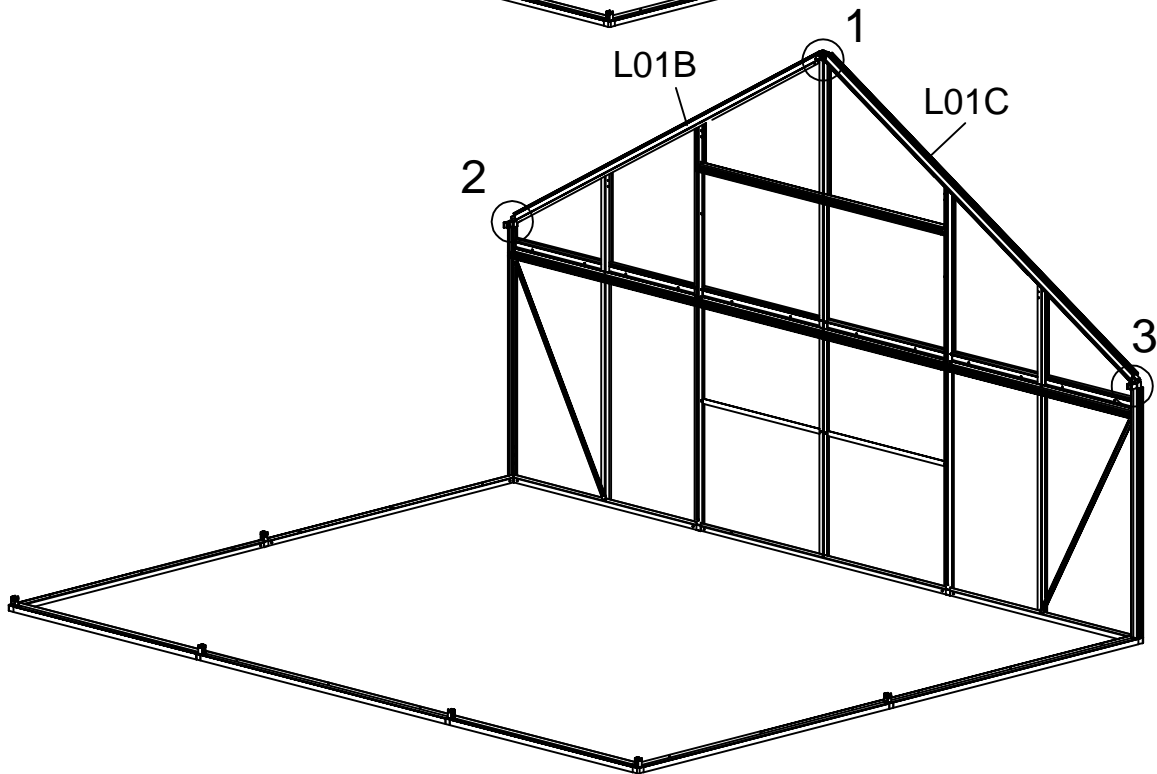
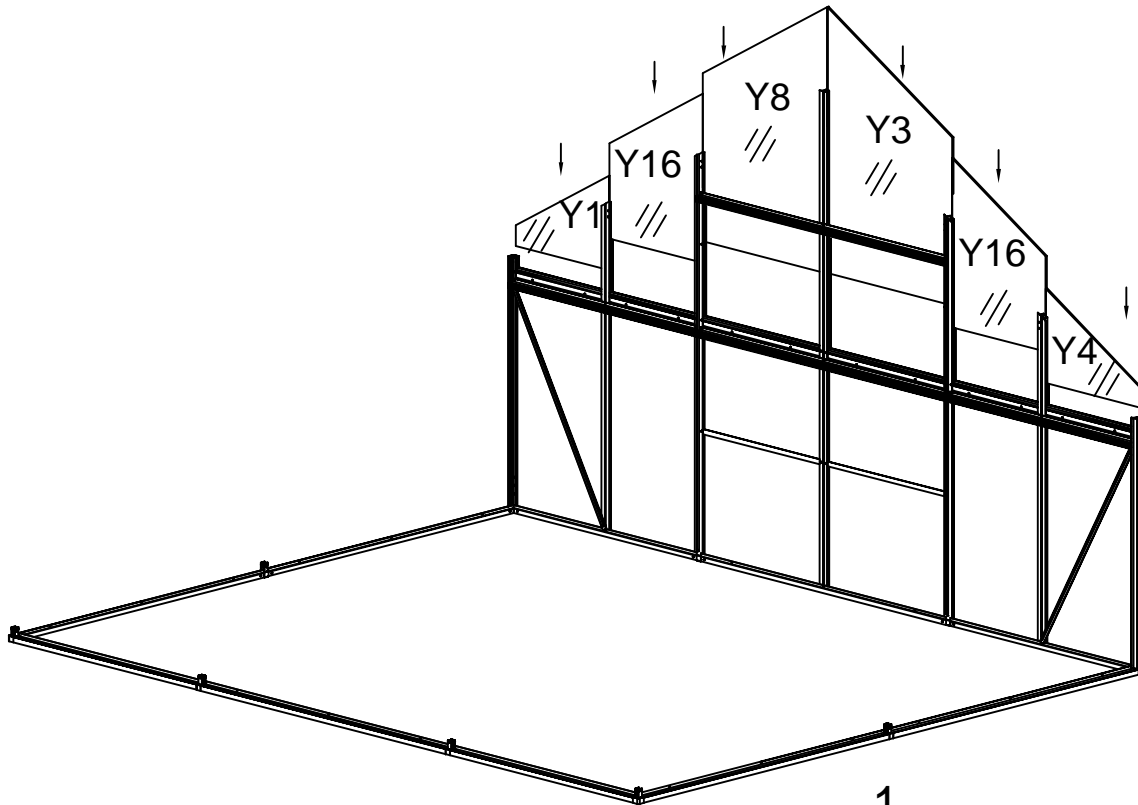


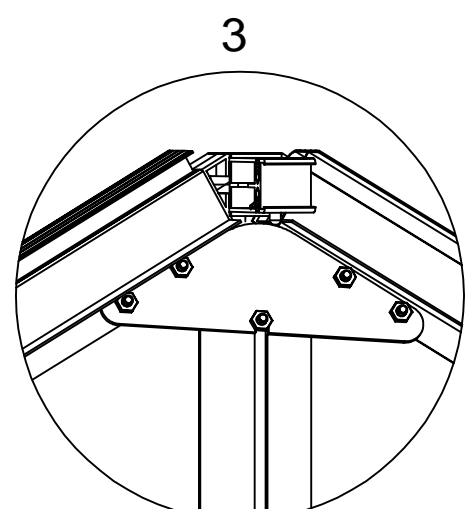
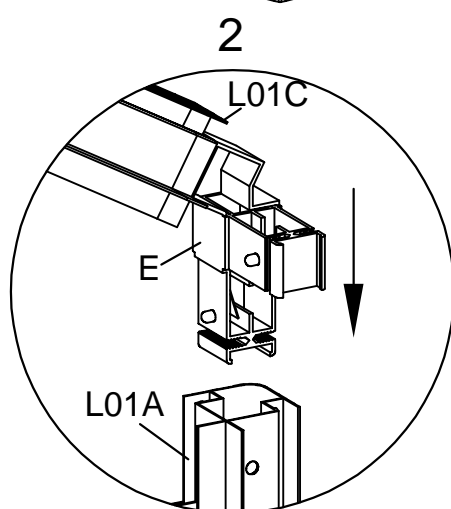
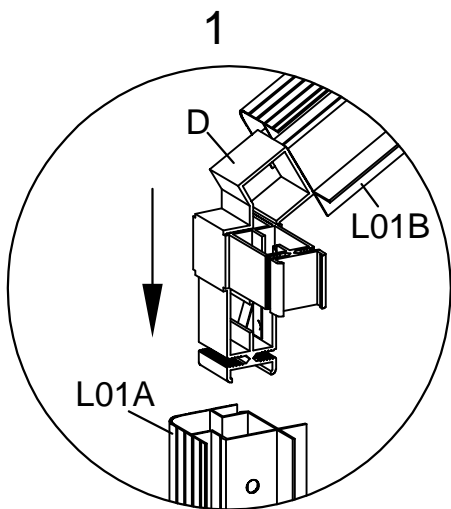
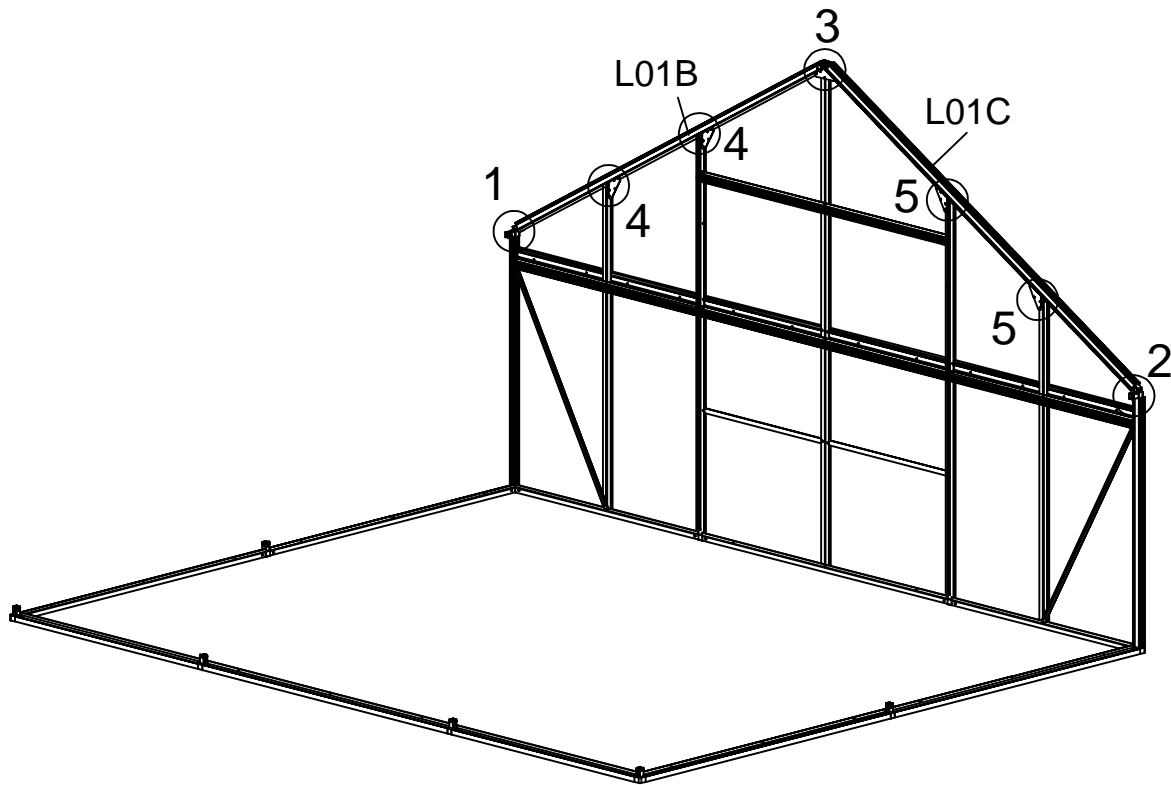




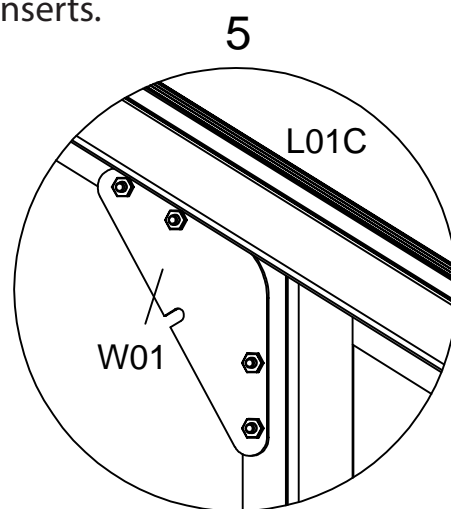
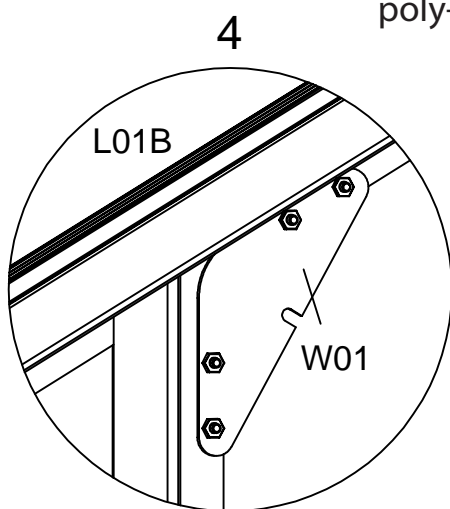
Slide 2 x S01 into each L04D & E, and put each profile onto the edge of each PC panel, then tighten all profiles at each end with S01.

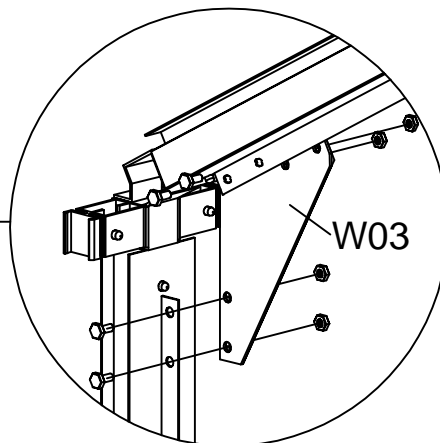
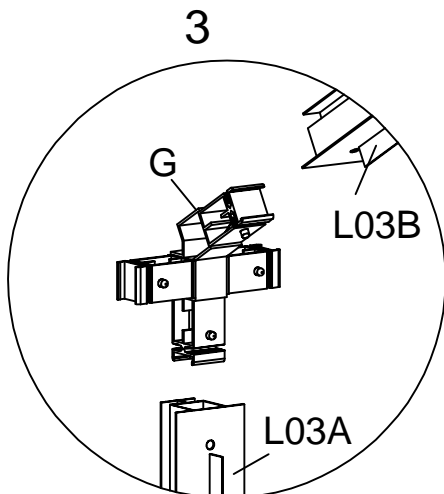
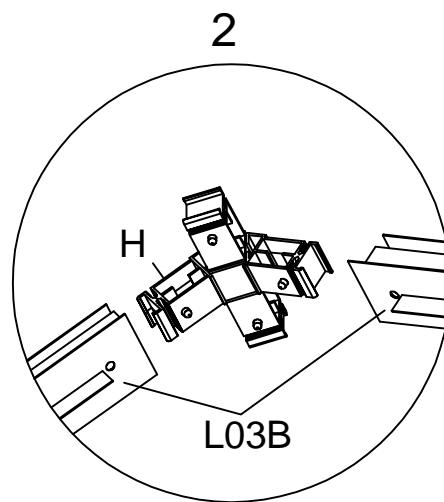
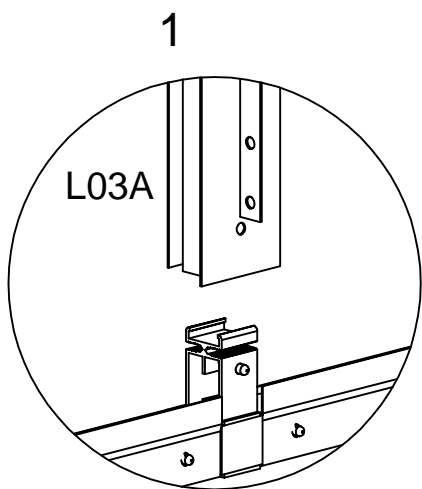
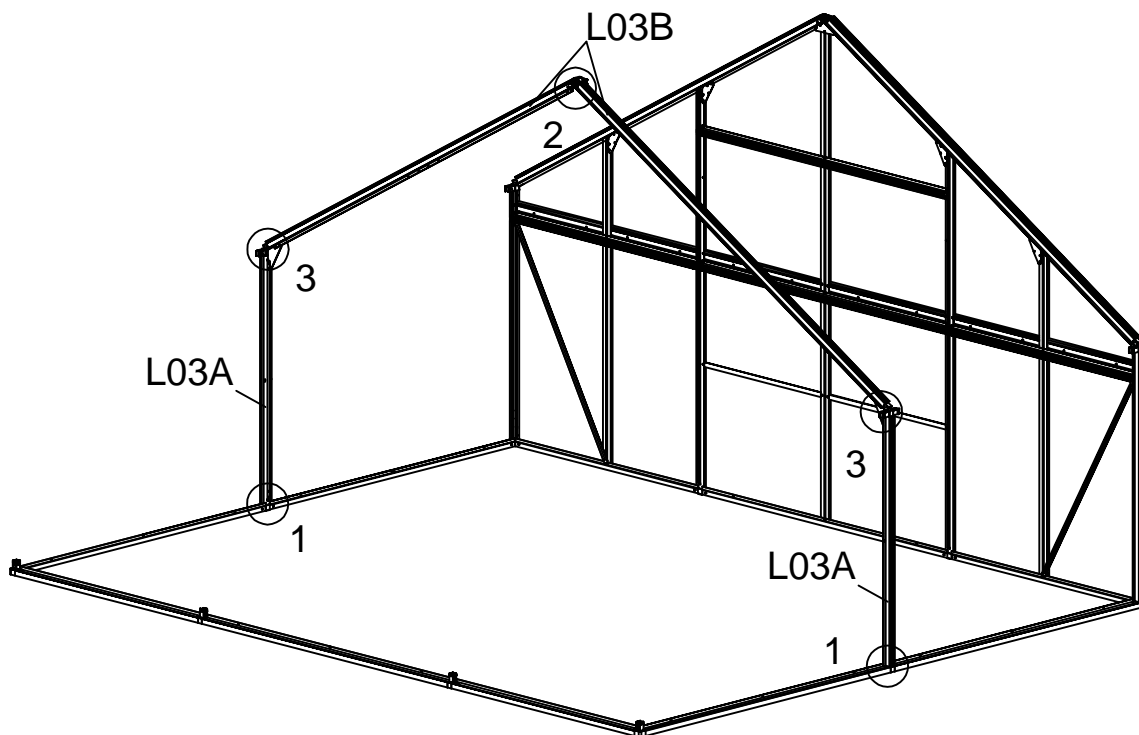


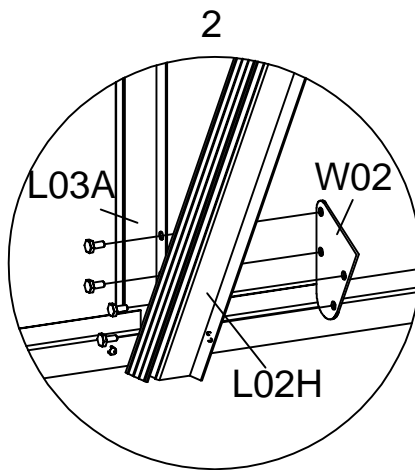
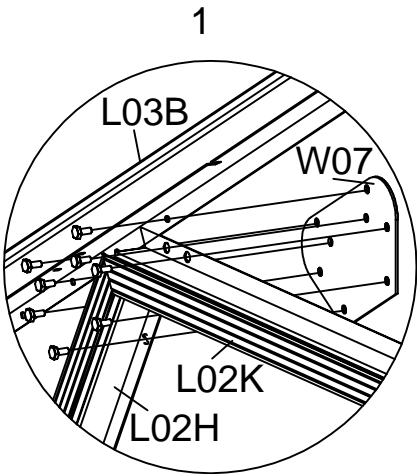
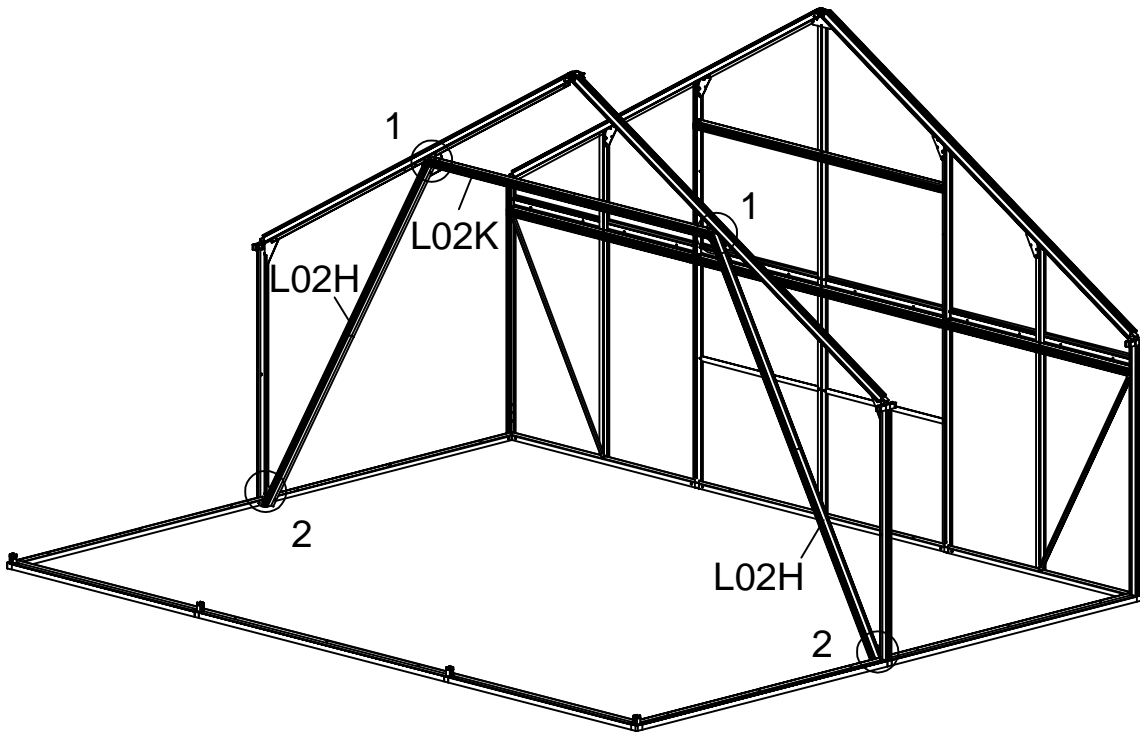


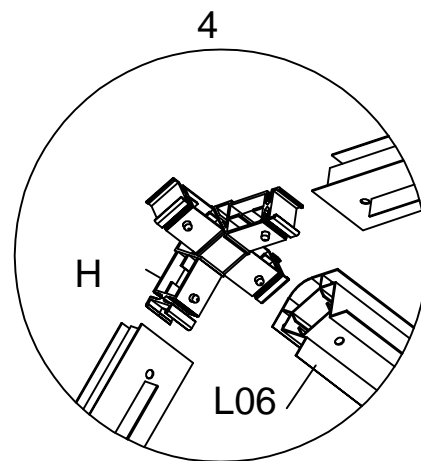
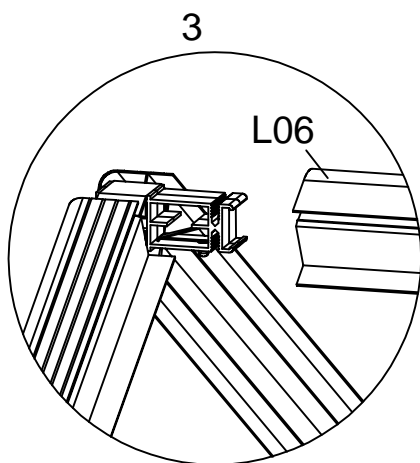
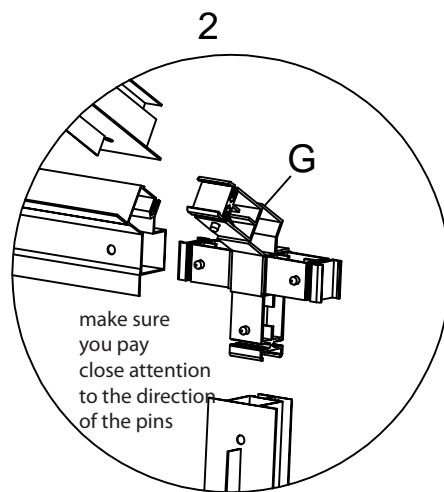
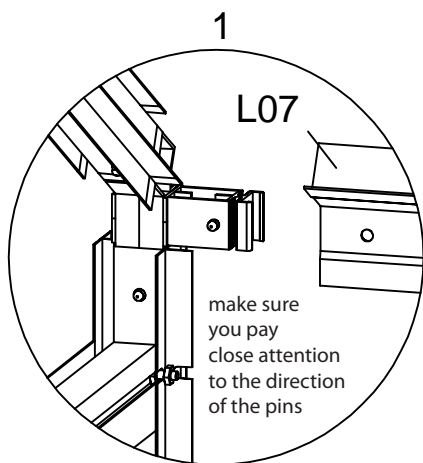
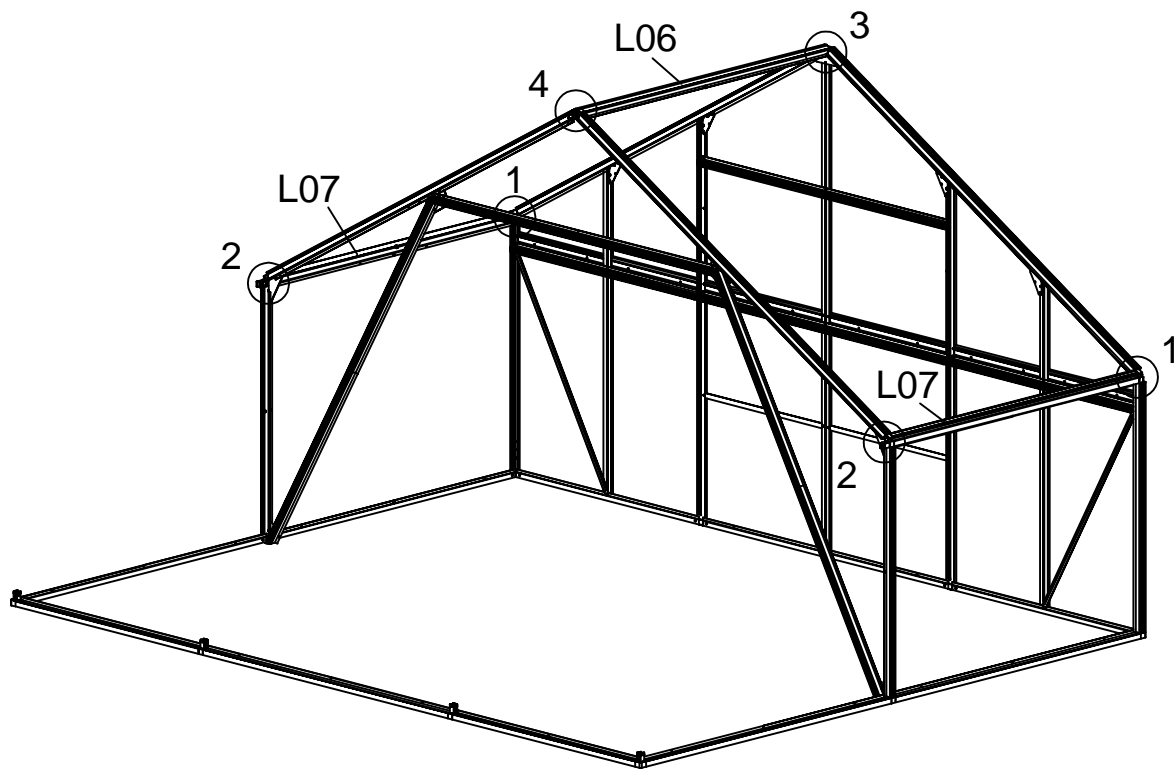


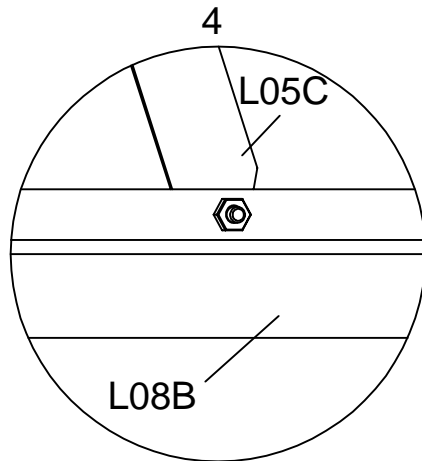
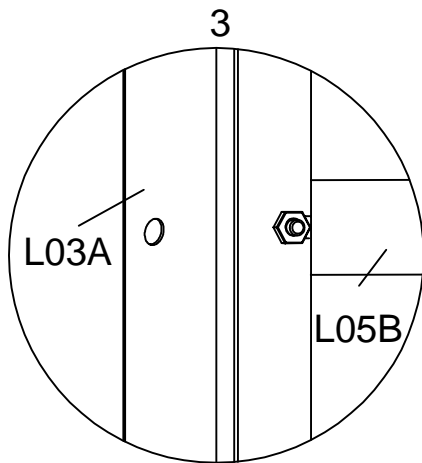
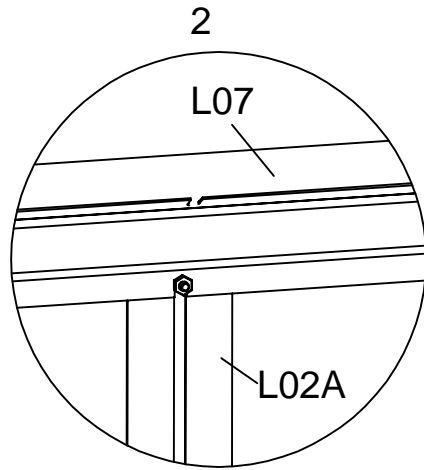
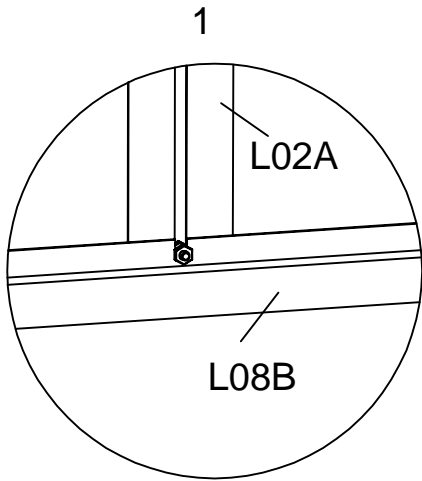
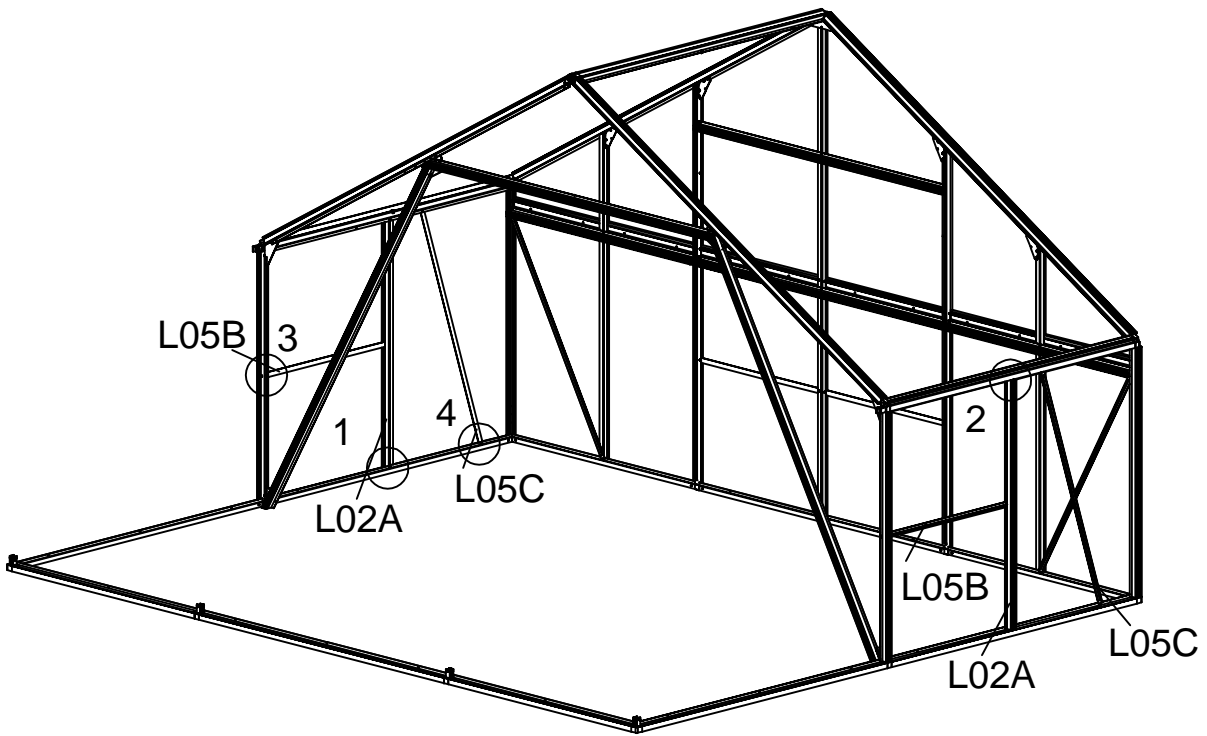
Note: please insert upper roof supports but, do not lock in place until you have aligned the poly-carbonate inserts.

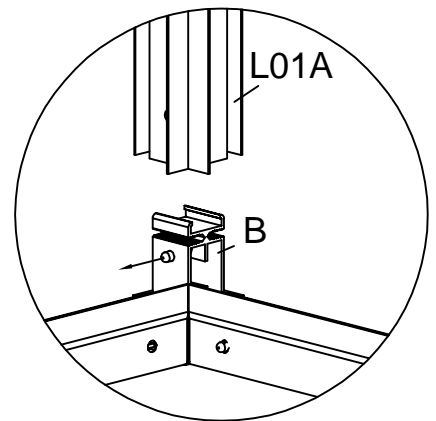
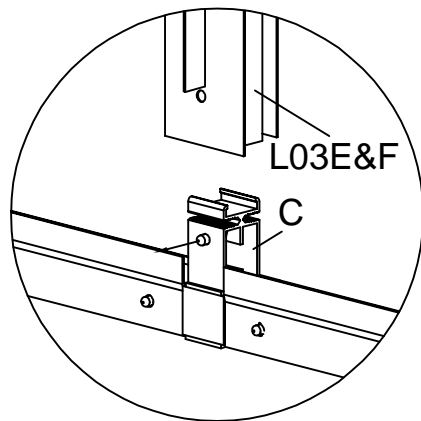
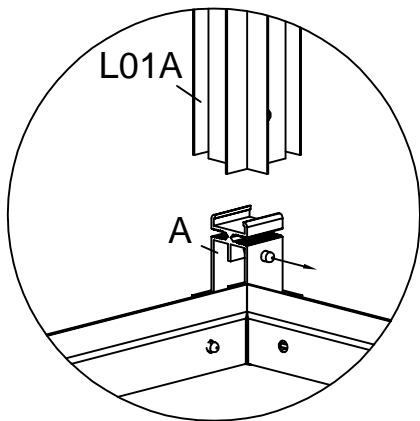
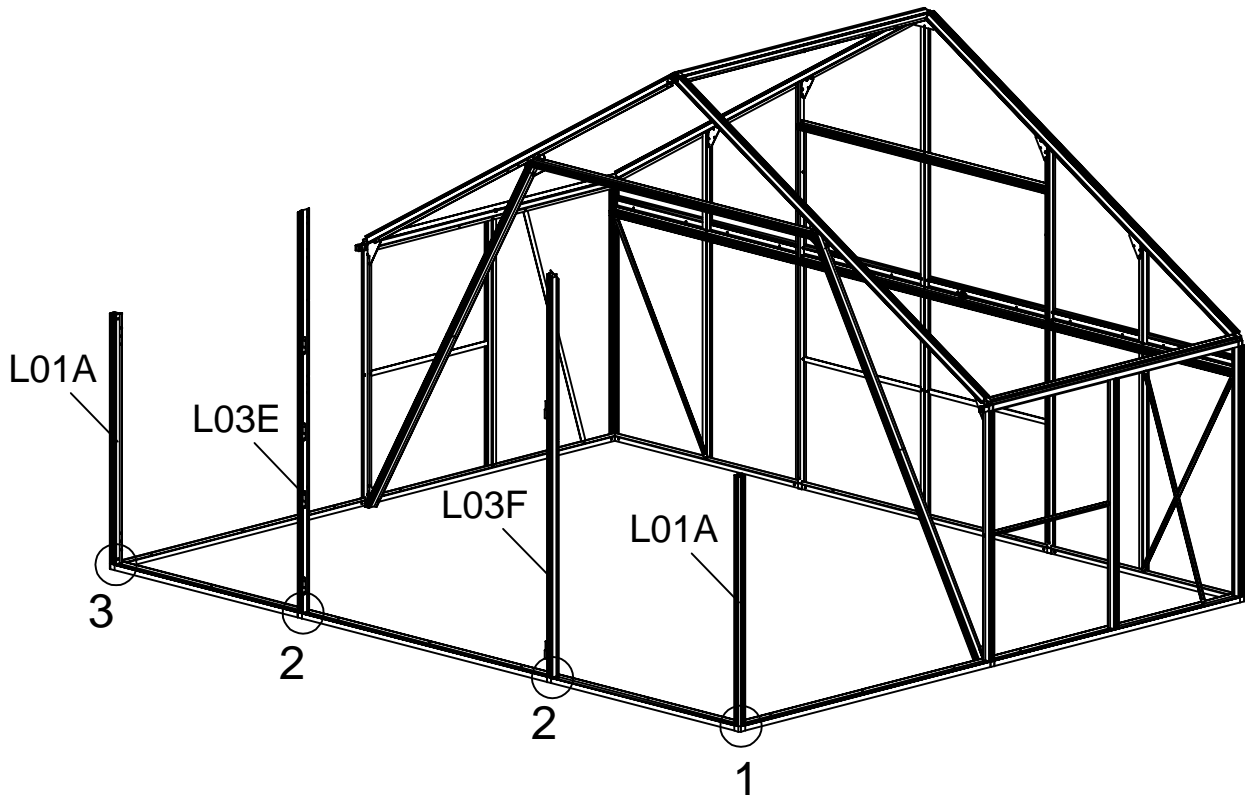




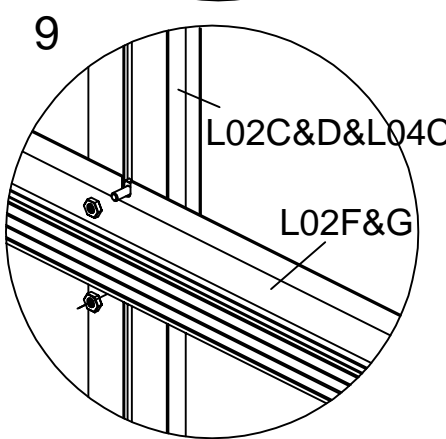
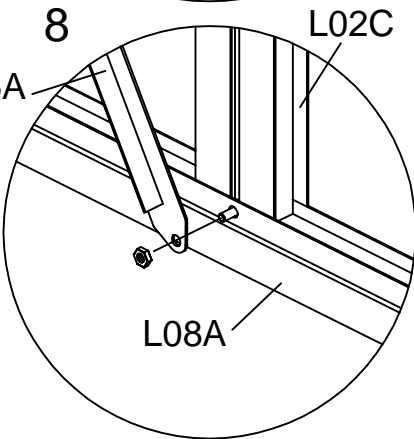
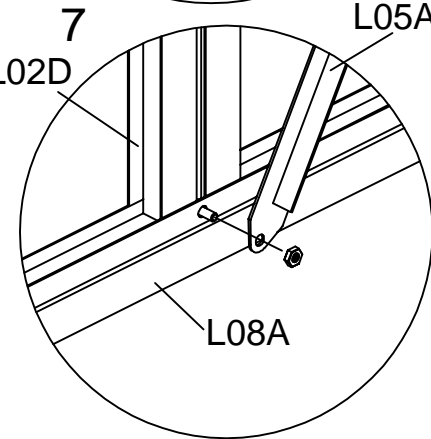
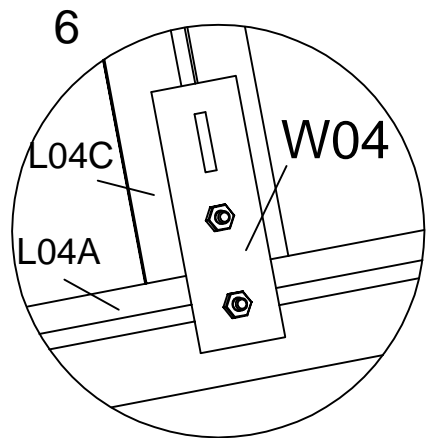
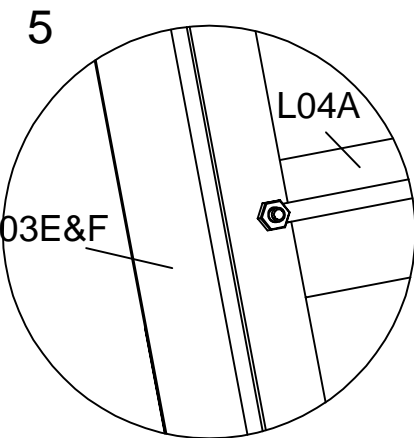
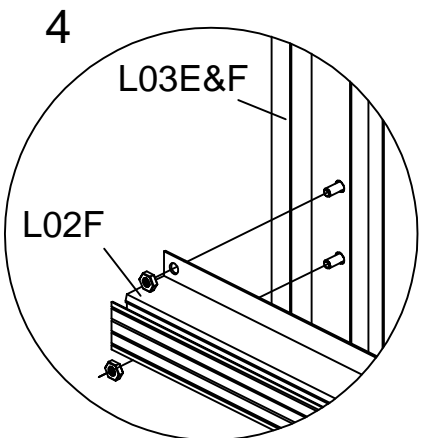
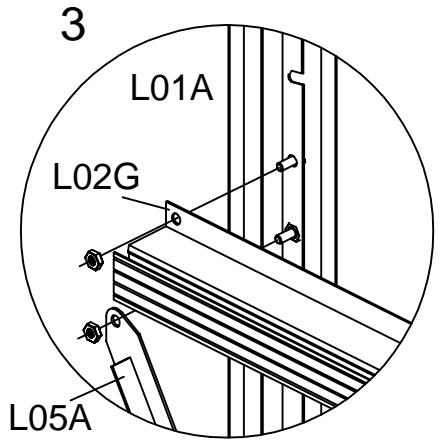
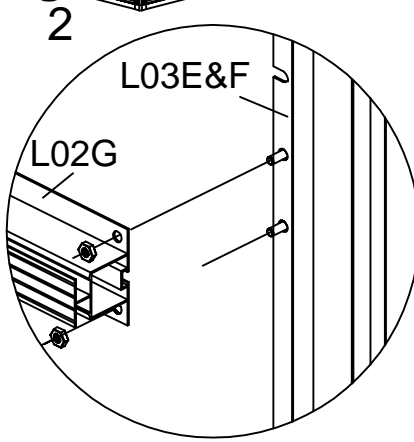
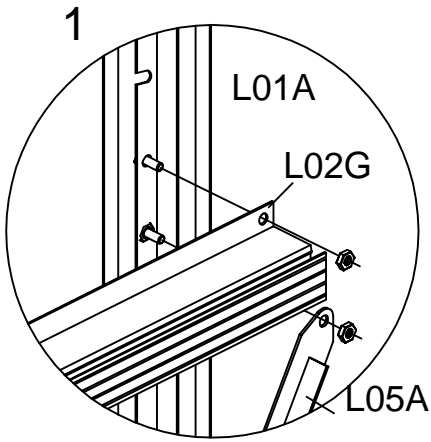
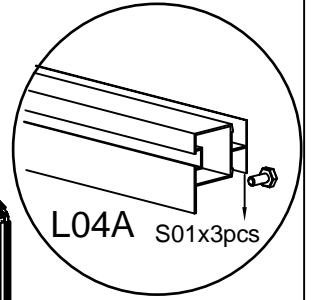
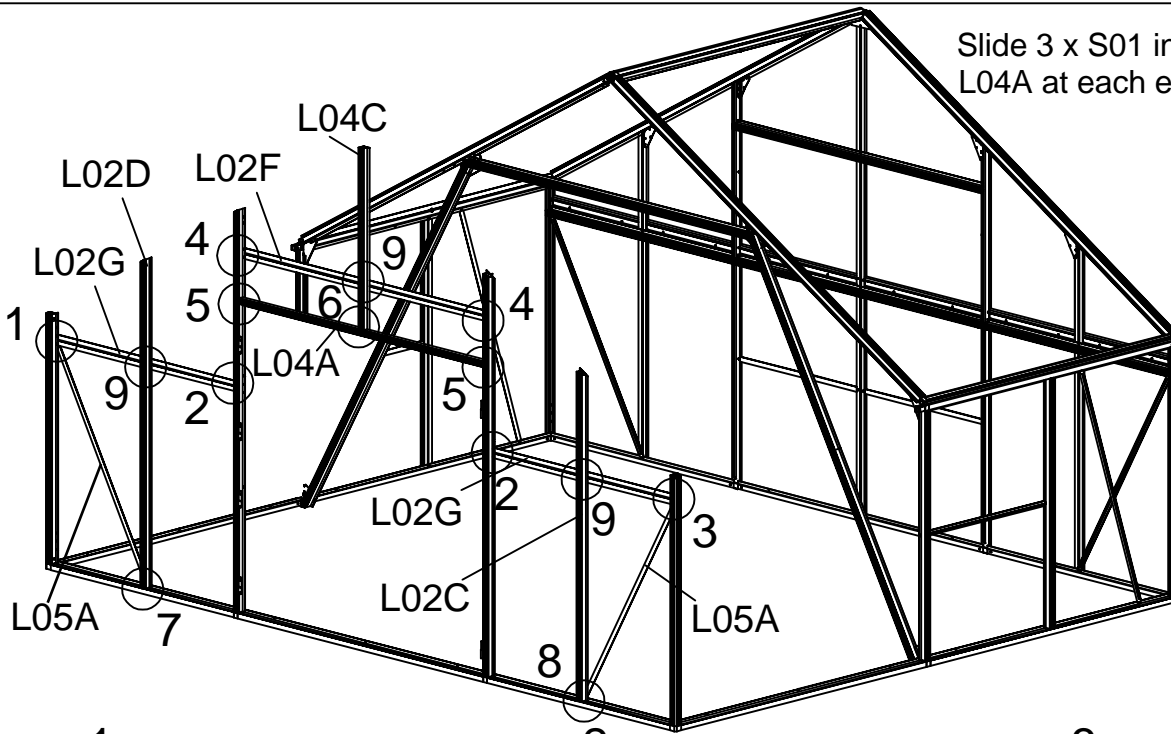




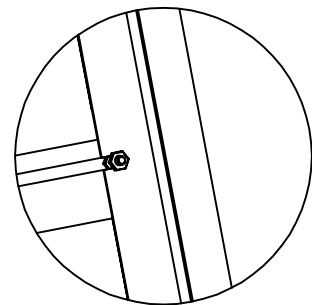
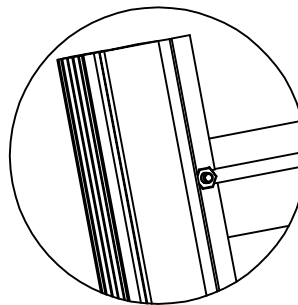
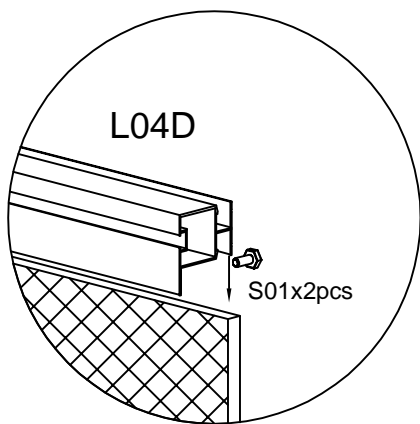
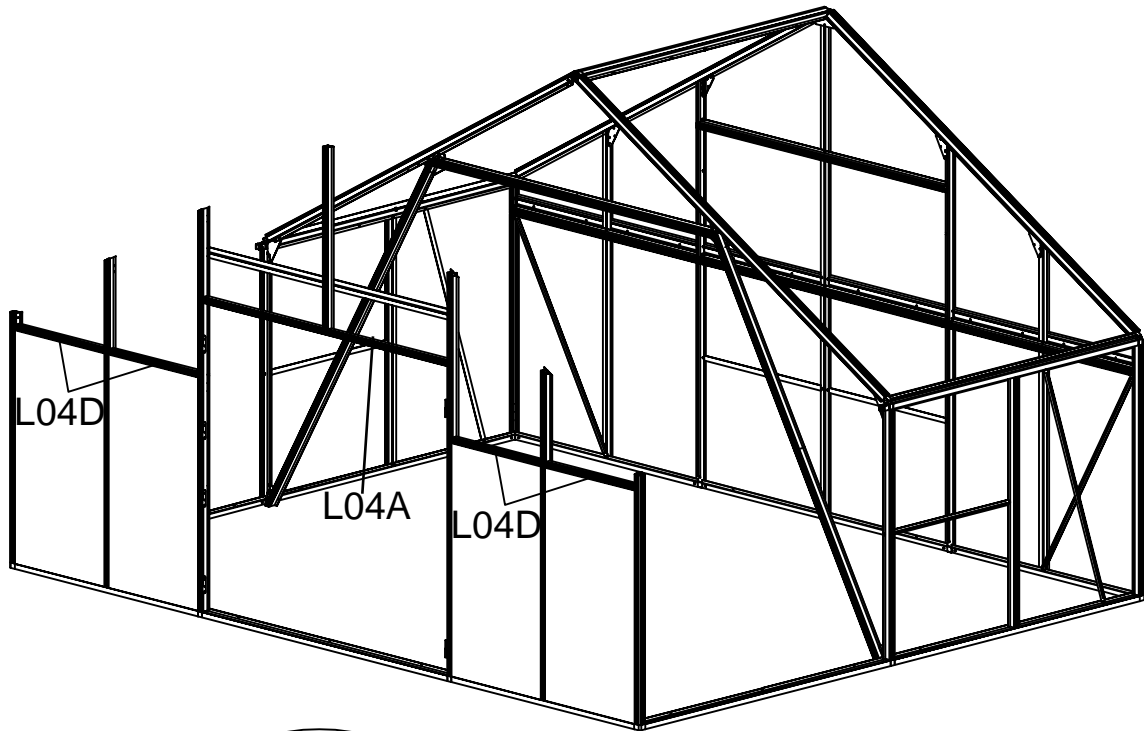
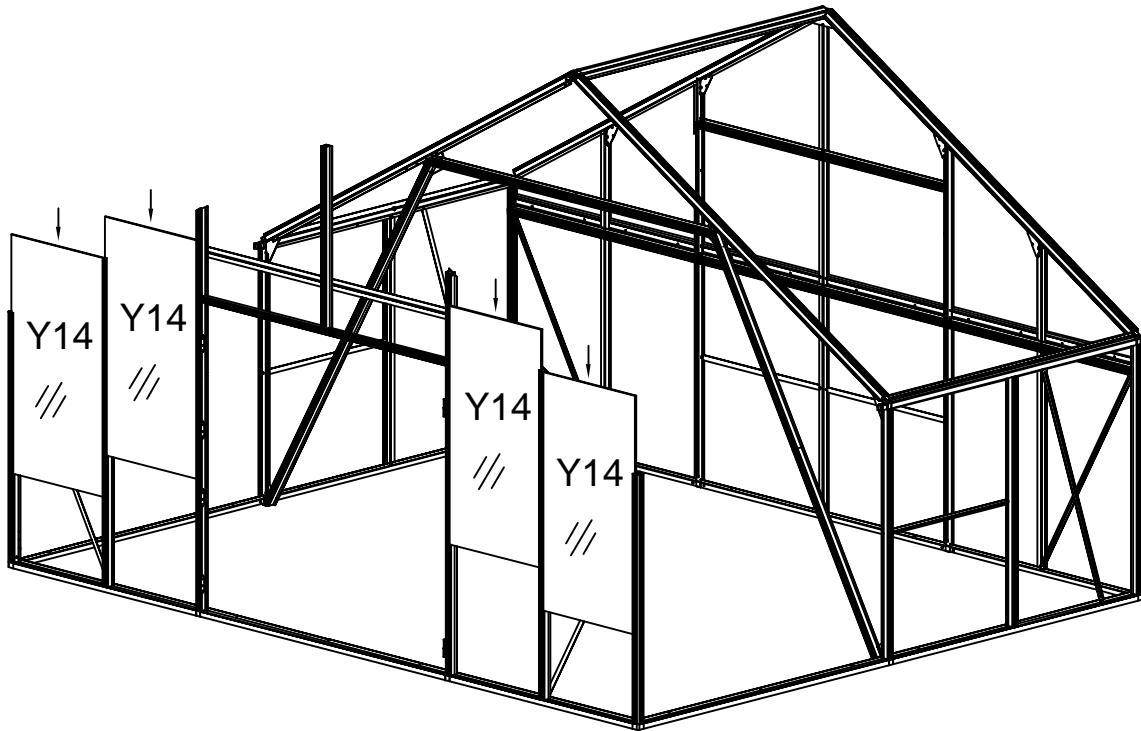




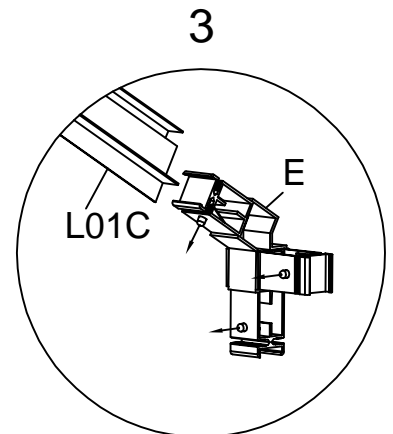
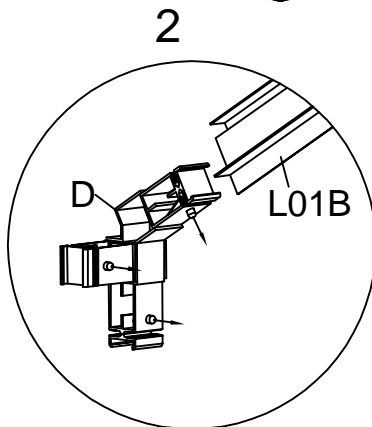
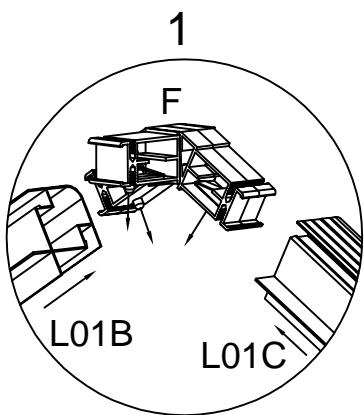
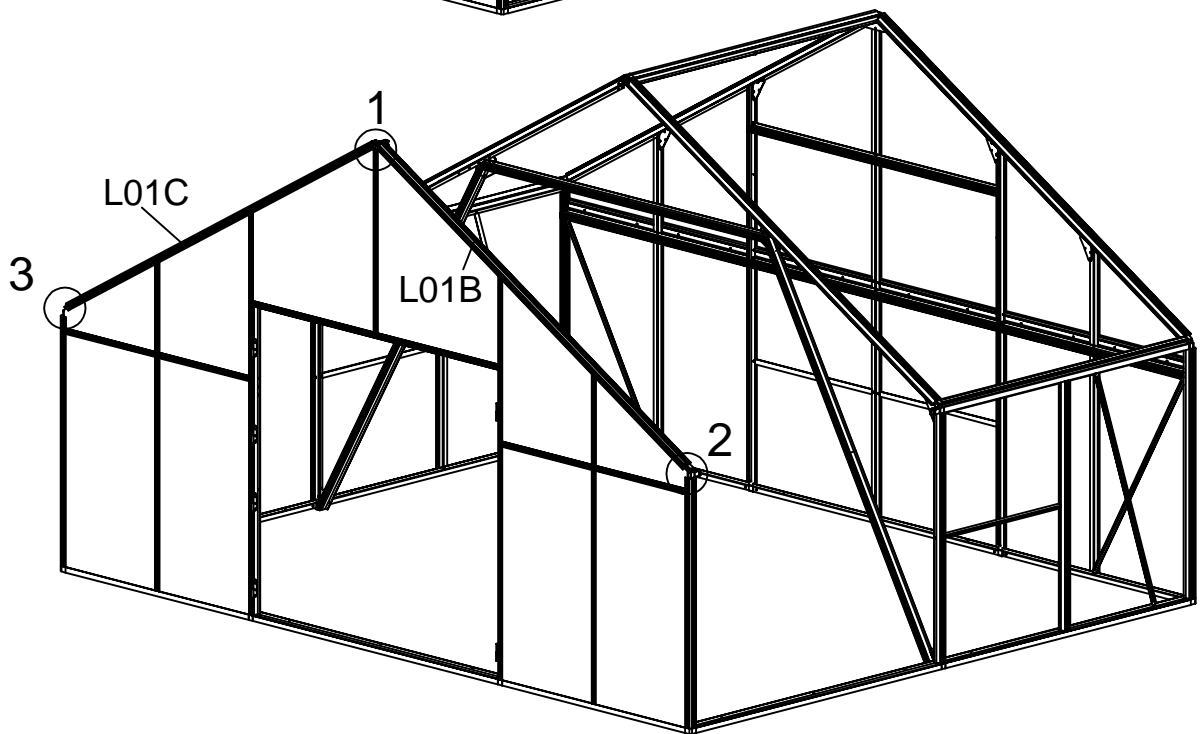
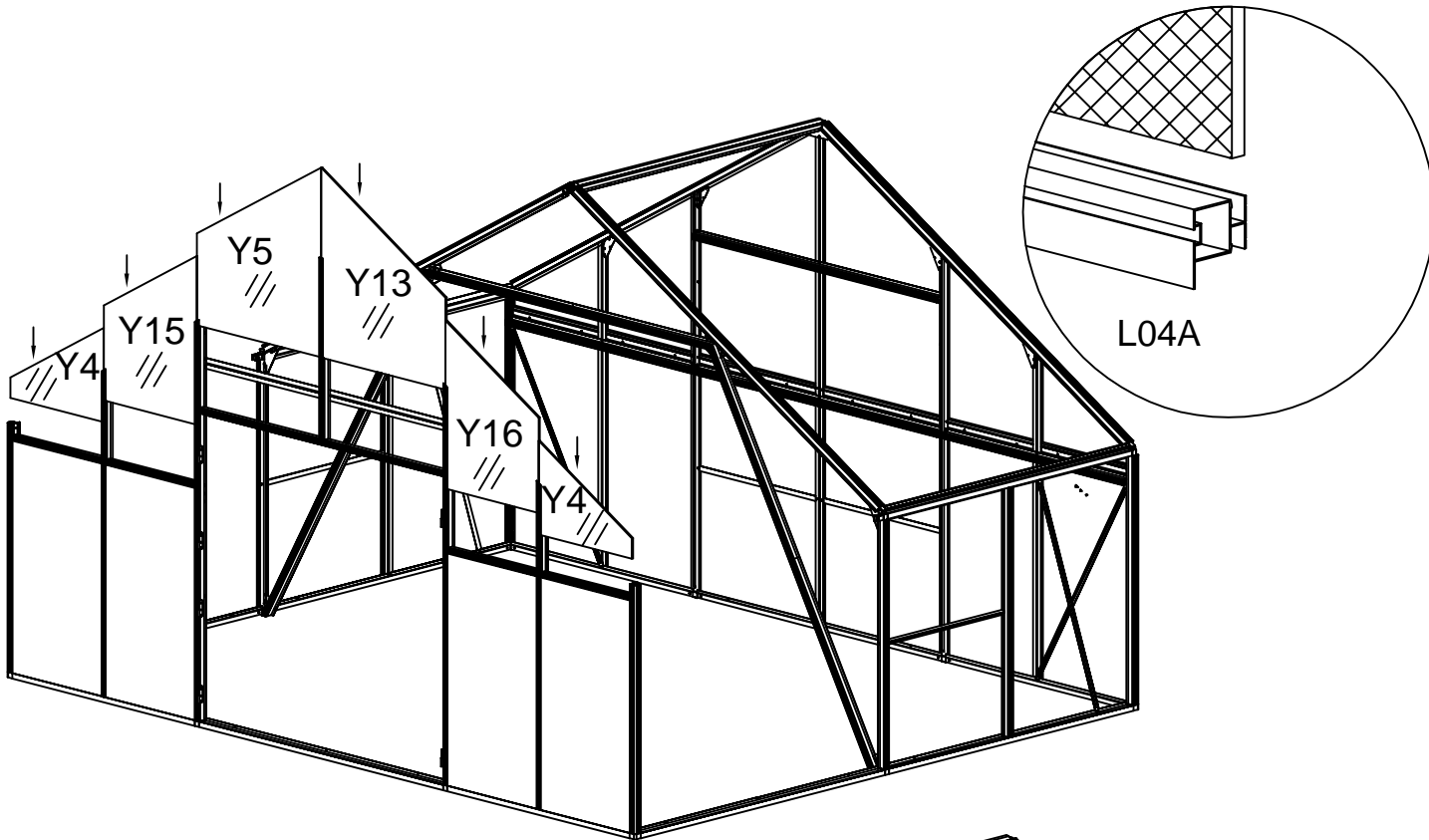
Slide 3 x S01 into L04A, and tighten L04A at each end with S01.

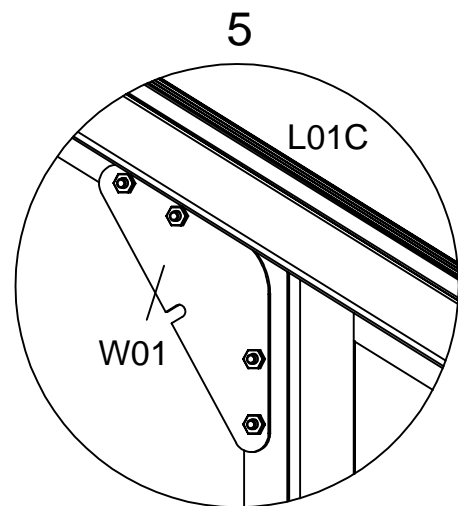
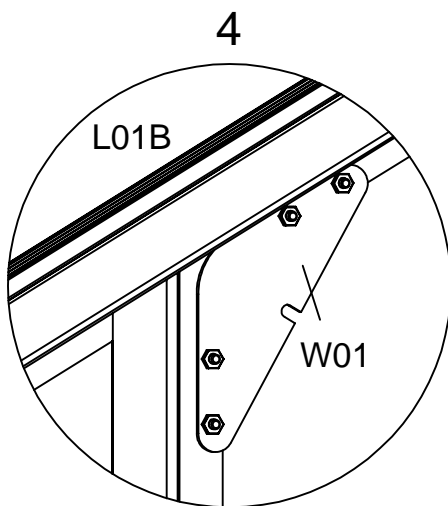
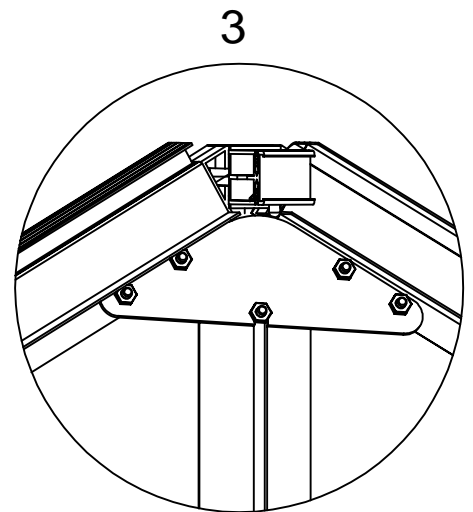
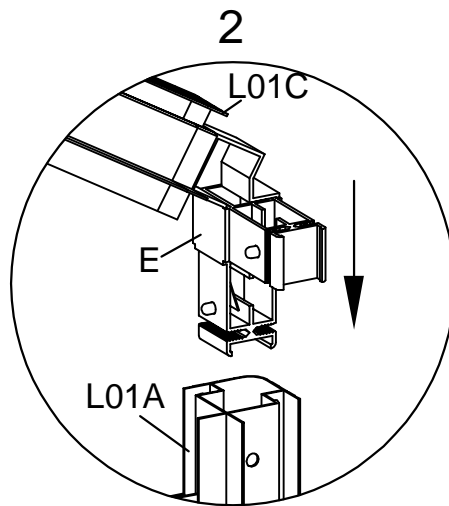
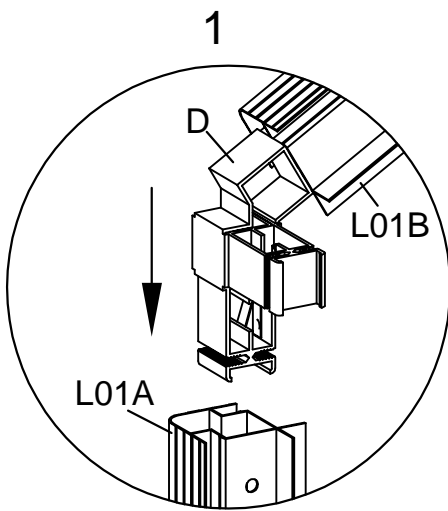
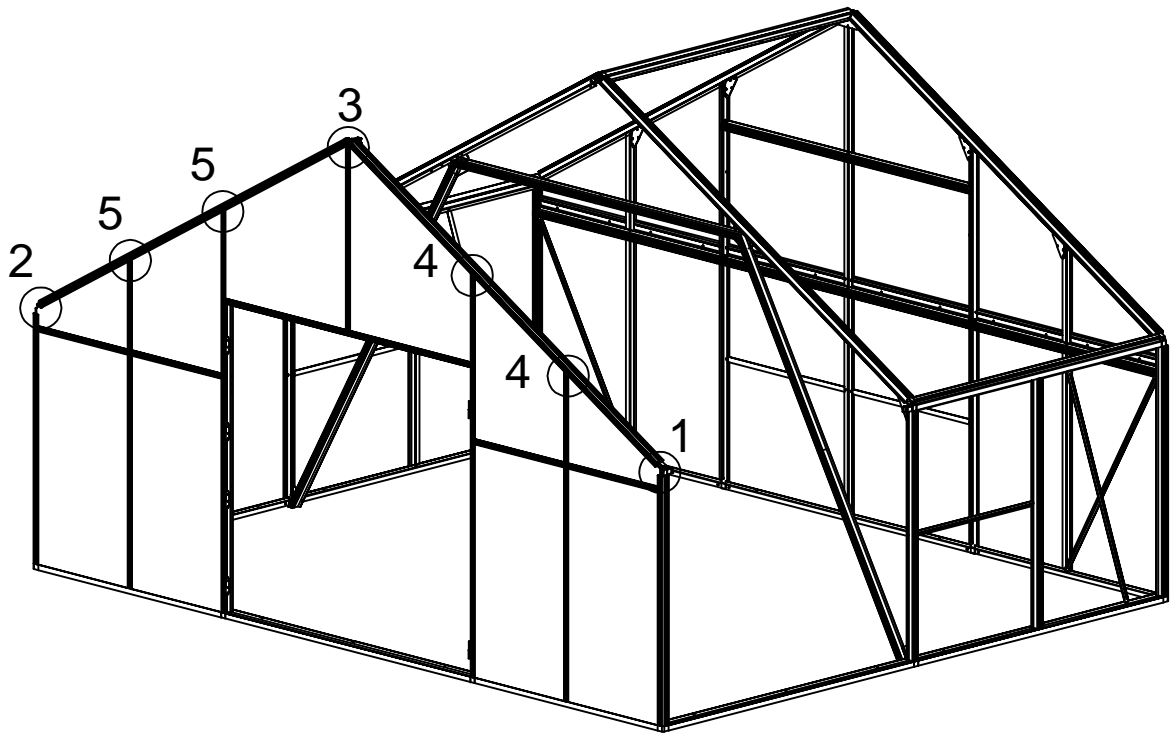


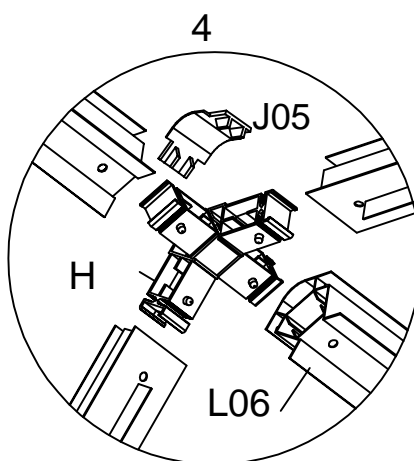
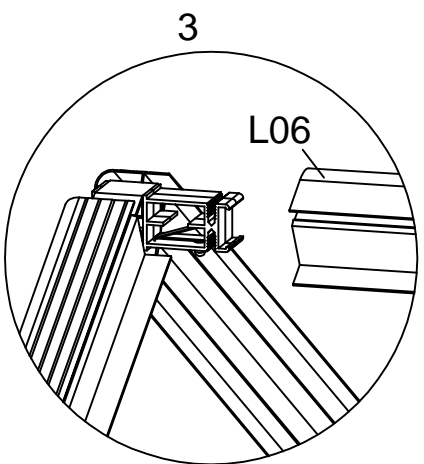
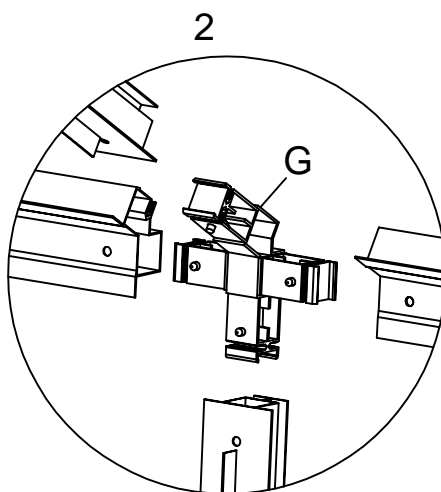
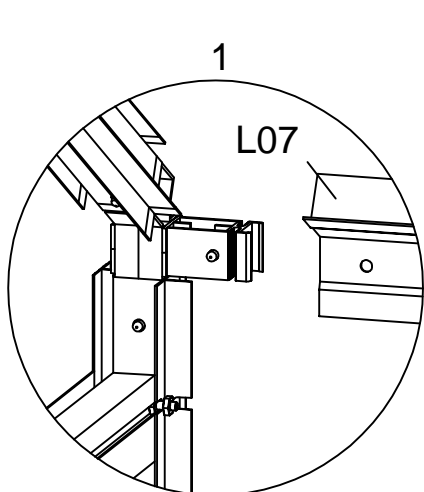
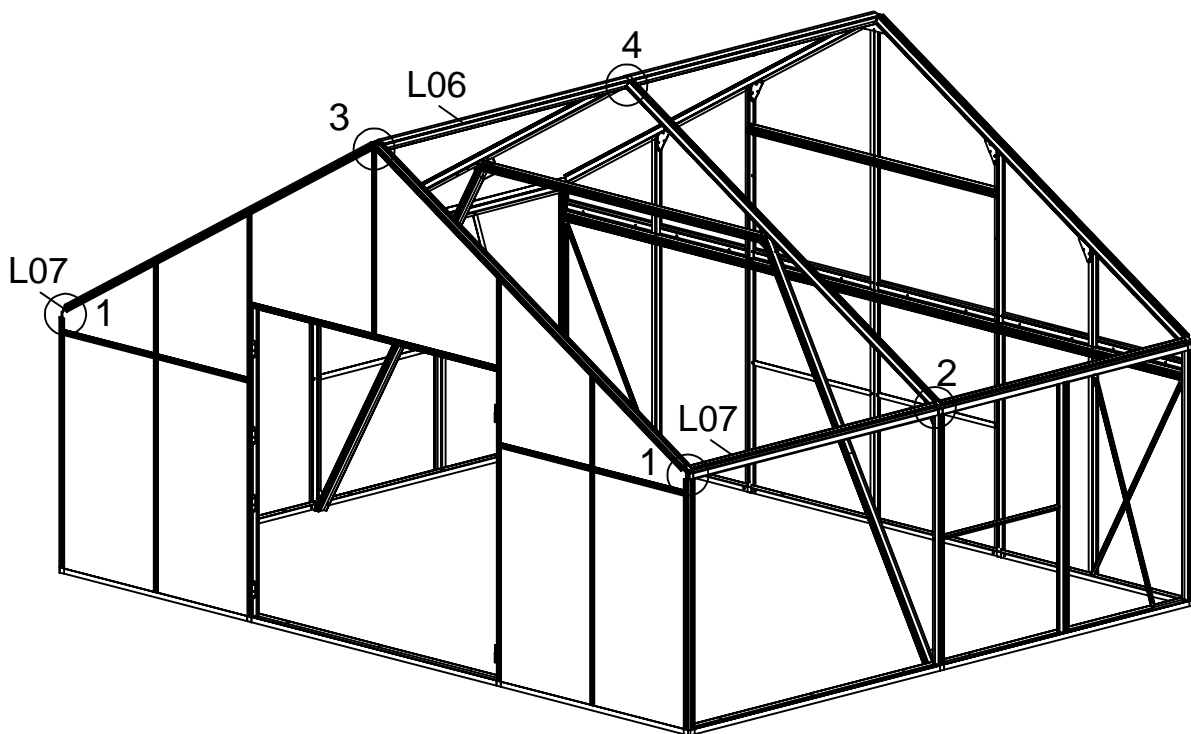


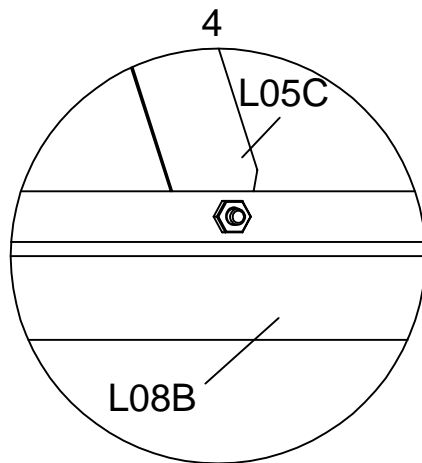
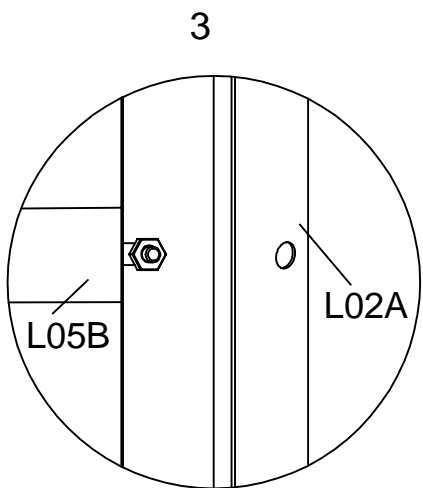
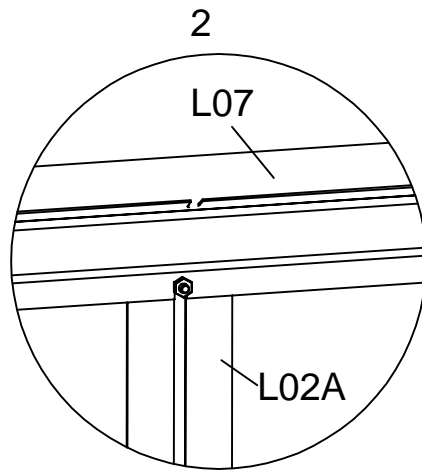
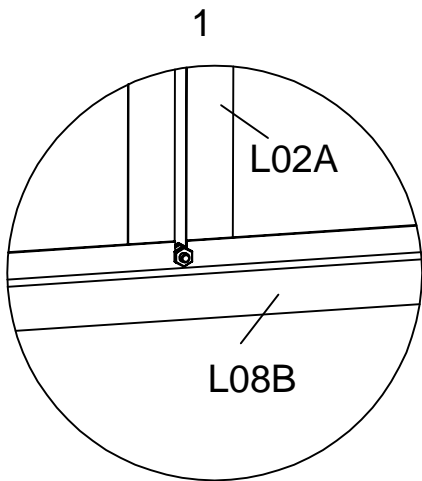
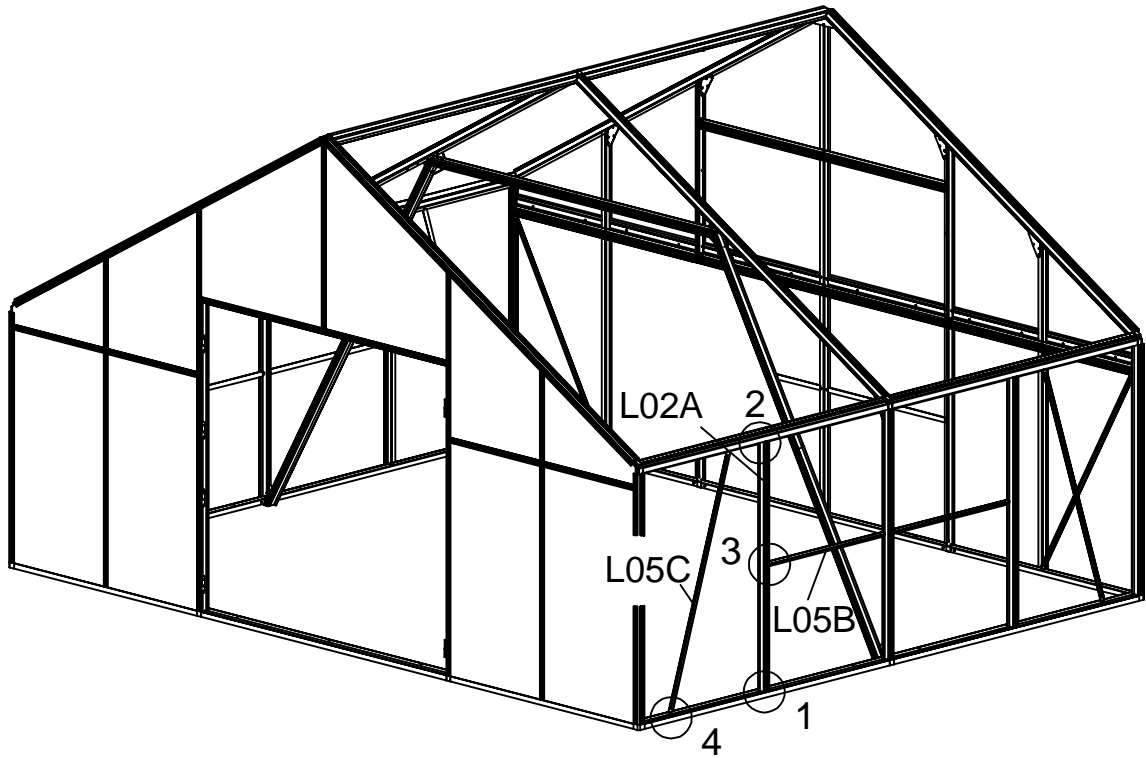


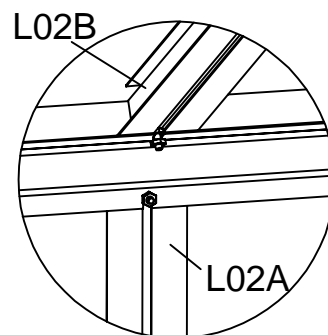
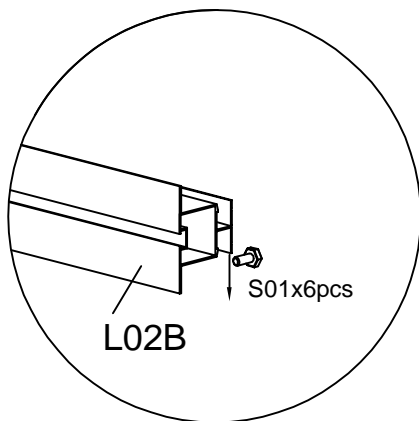
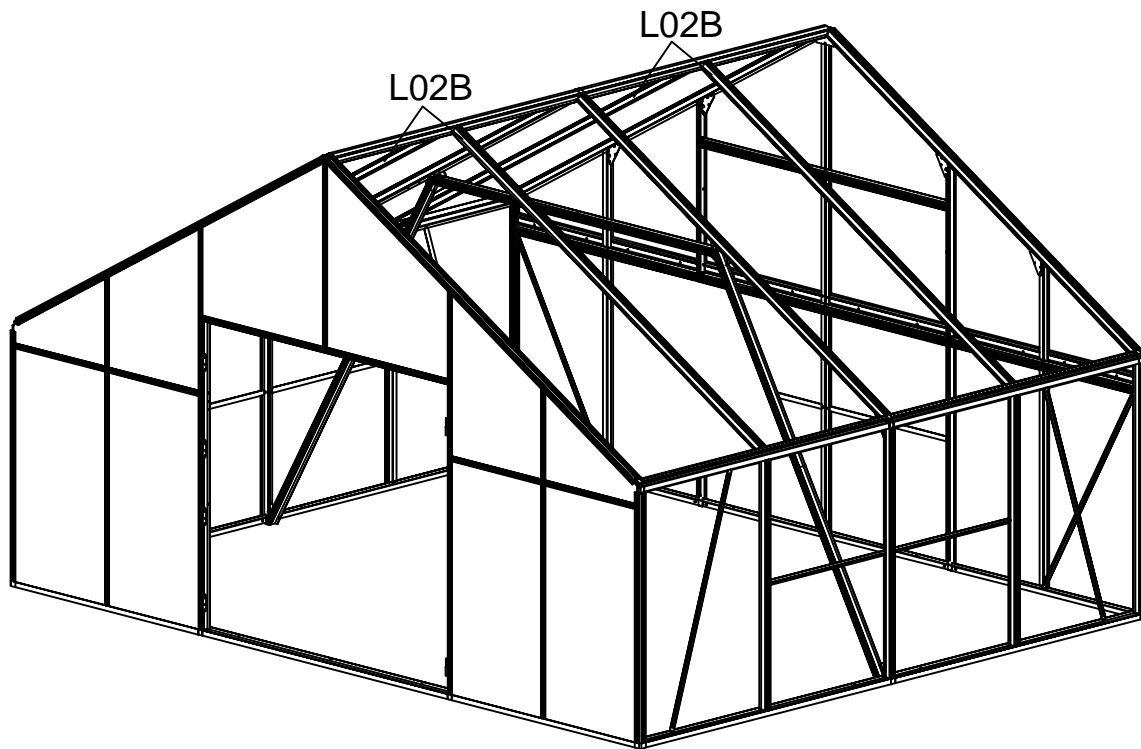
Slide 2 x S01 into each L04D and put each L04D onto the edge of each PC panel, then tighten all profiles at each end with S01.



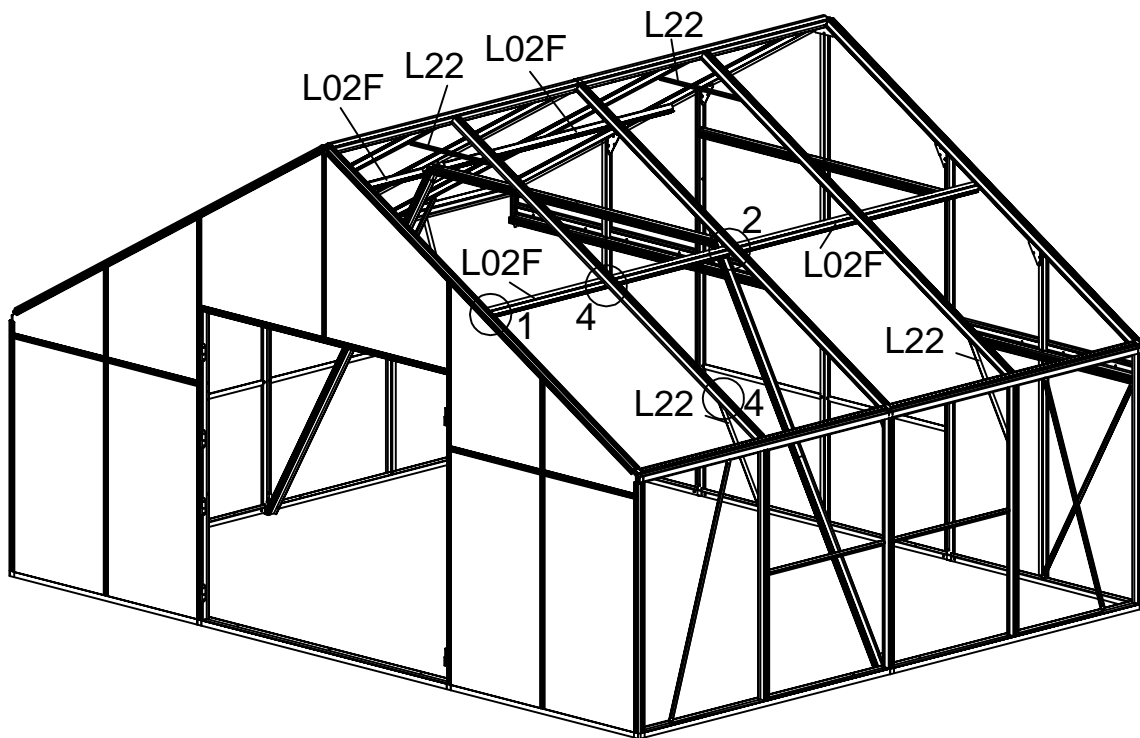




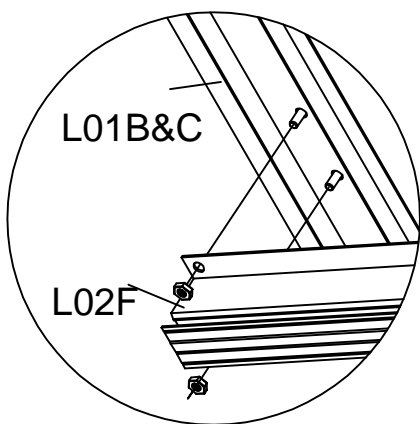




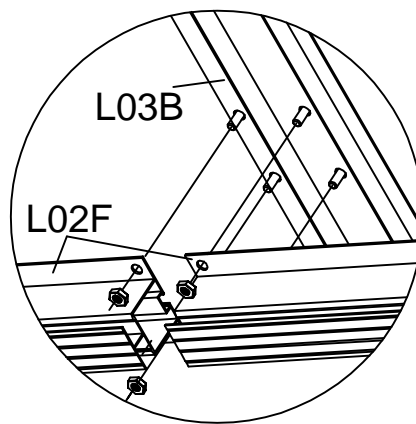
Note: Slide 6xS01 in the channel, which are needed later.



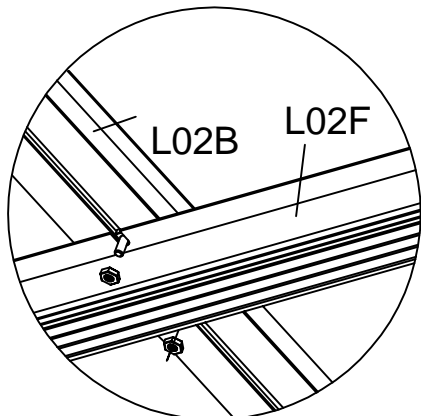
1



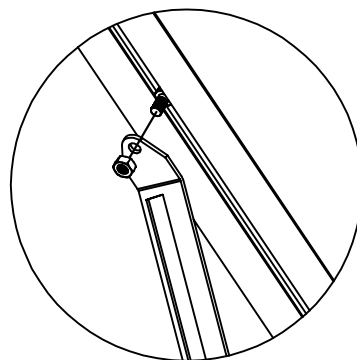
2



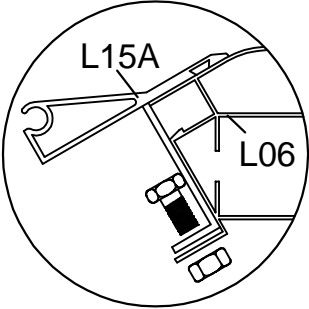
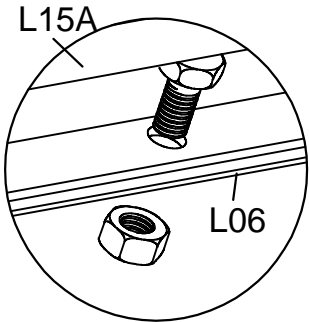
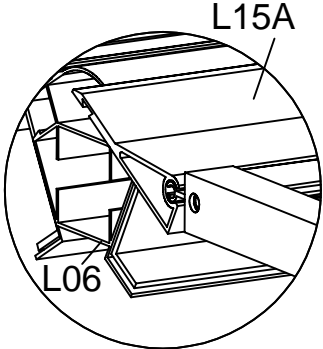
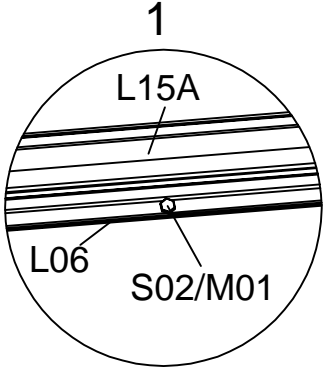
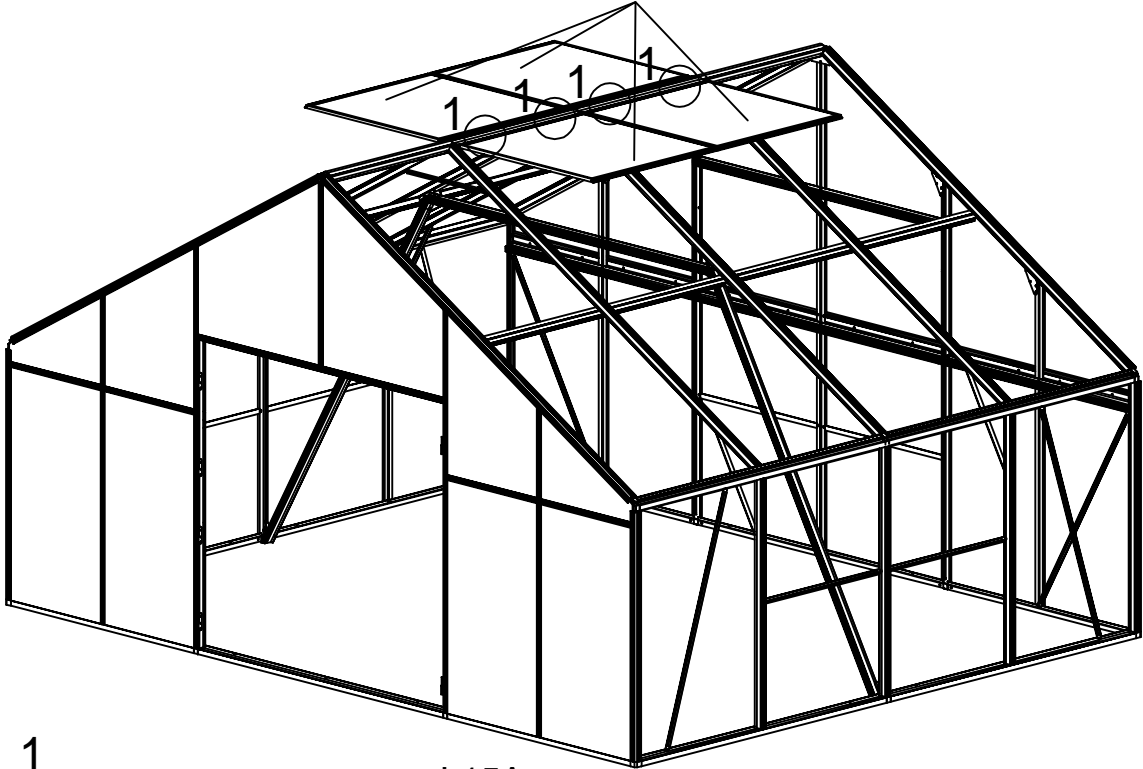
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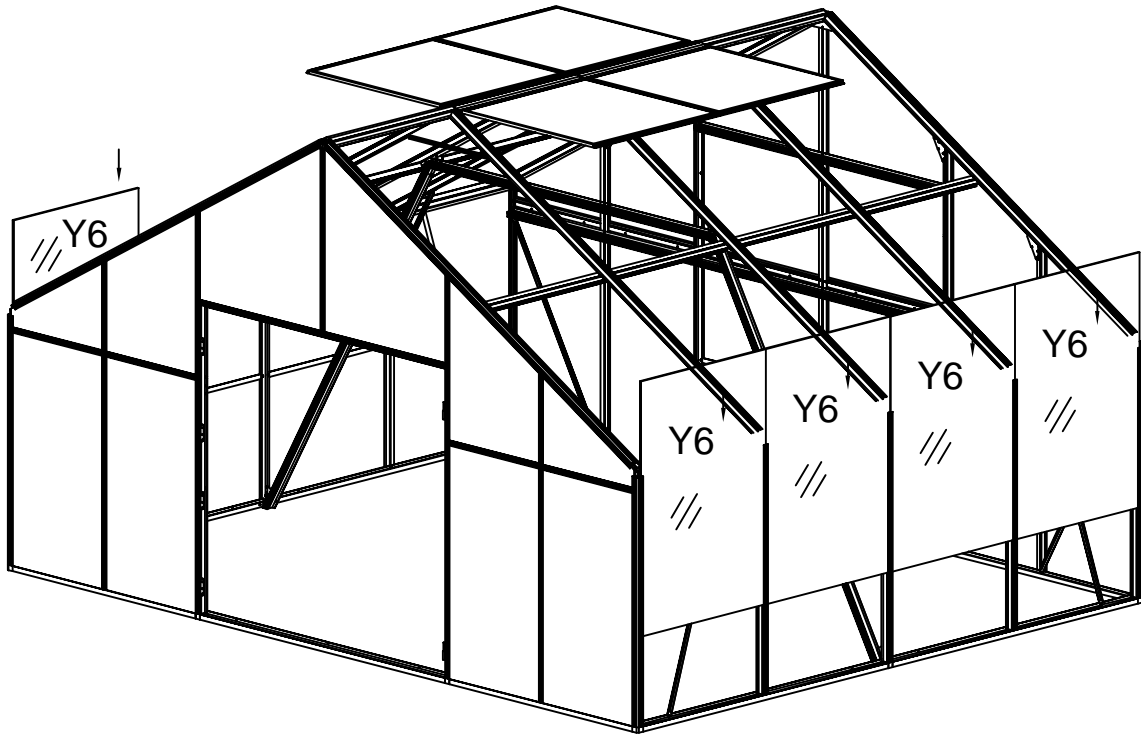
4



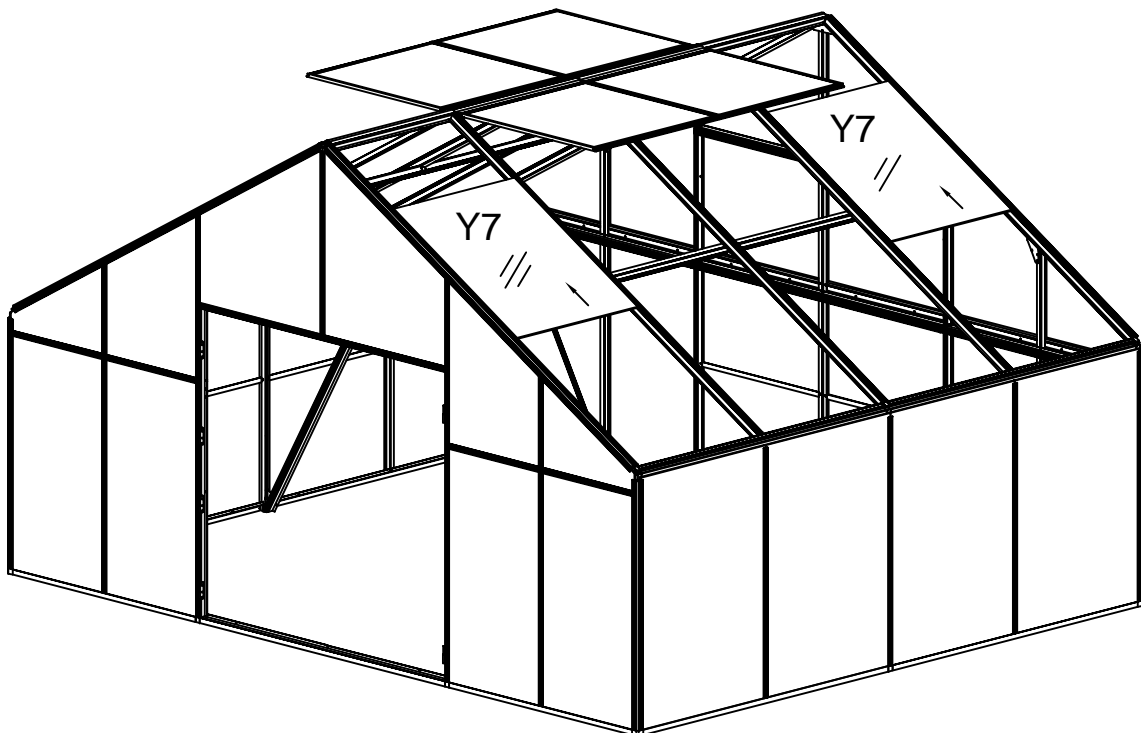
Roof Vent Assembly x 4PCS



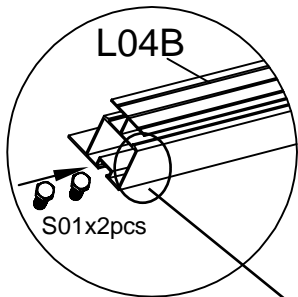
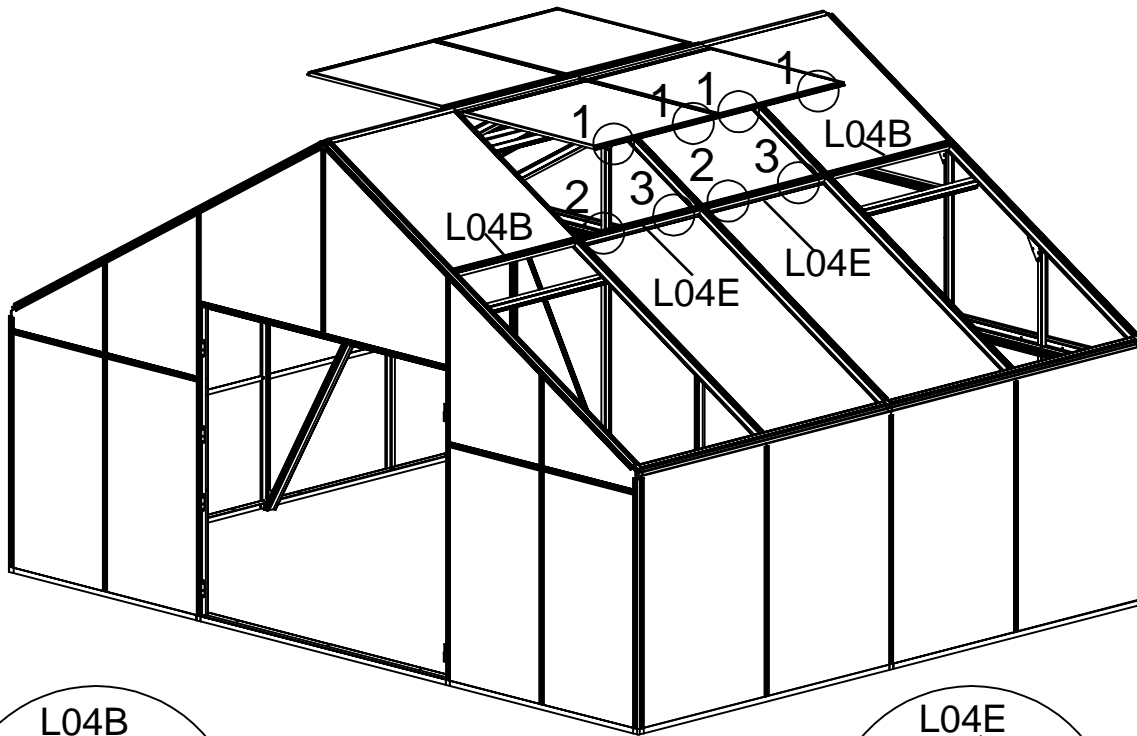




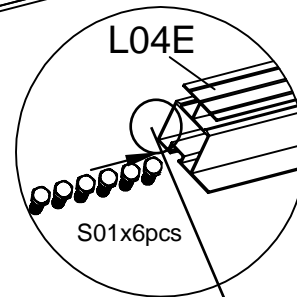
Insert all Y6 into each side of greenhouse.



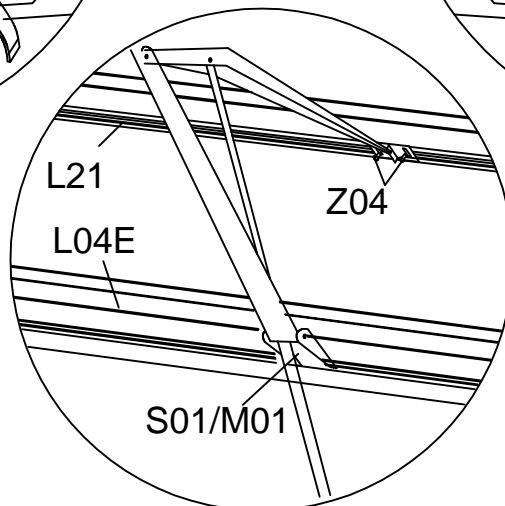
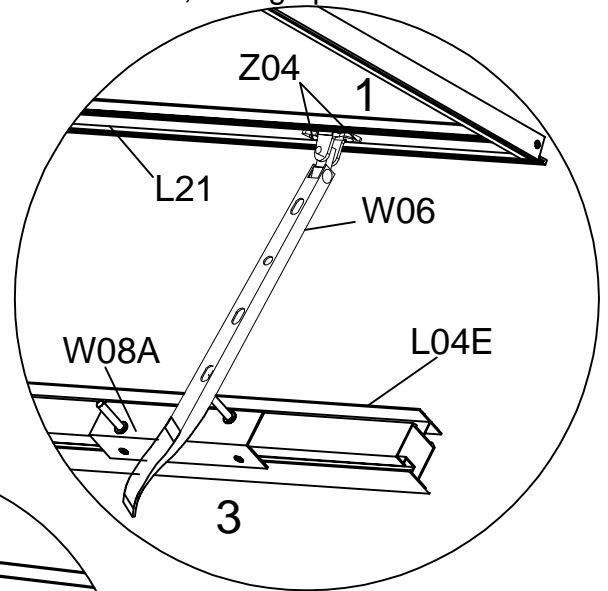
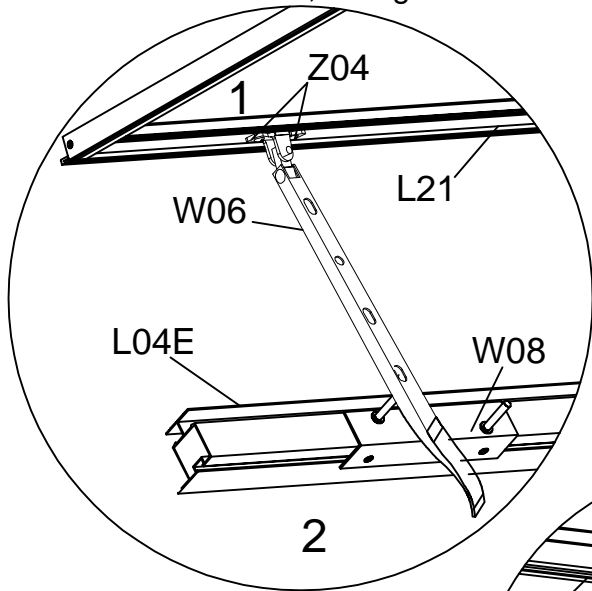
Insert all Y7 into each roof of greenhouse.



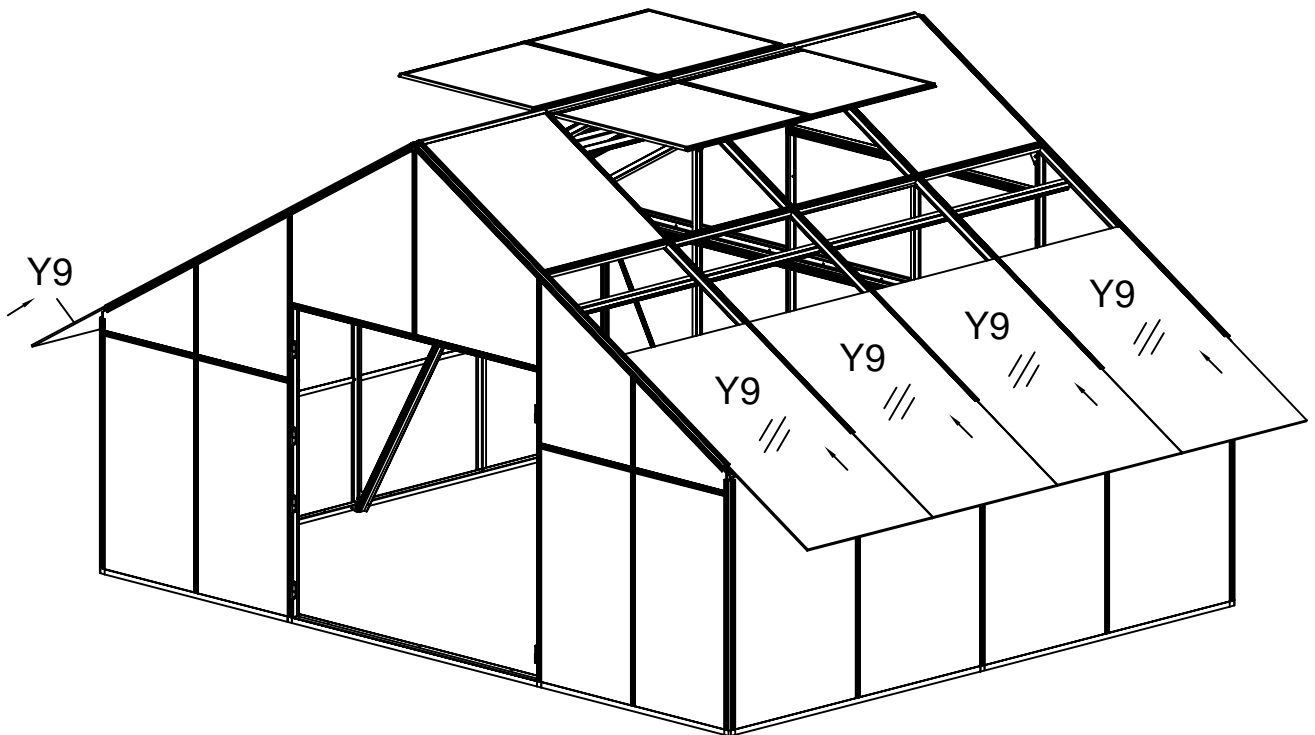
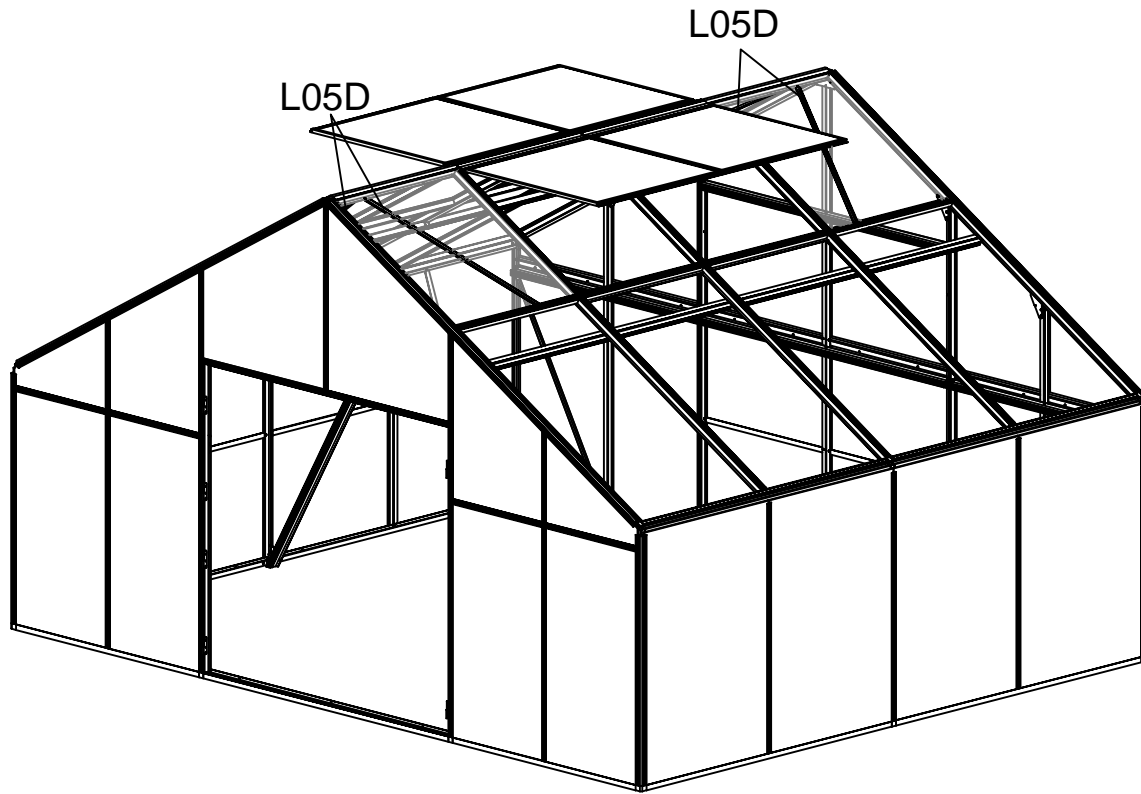
Pay attention to the cut edge of L04B which should be fixed, facing down.



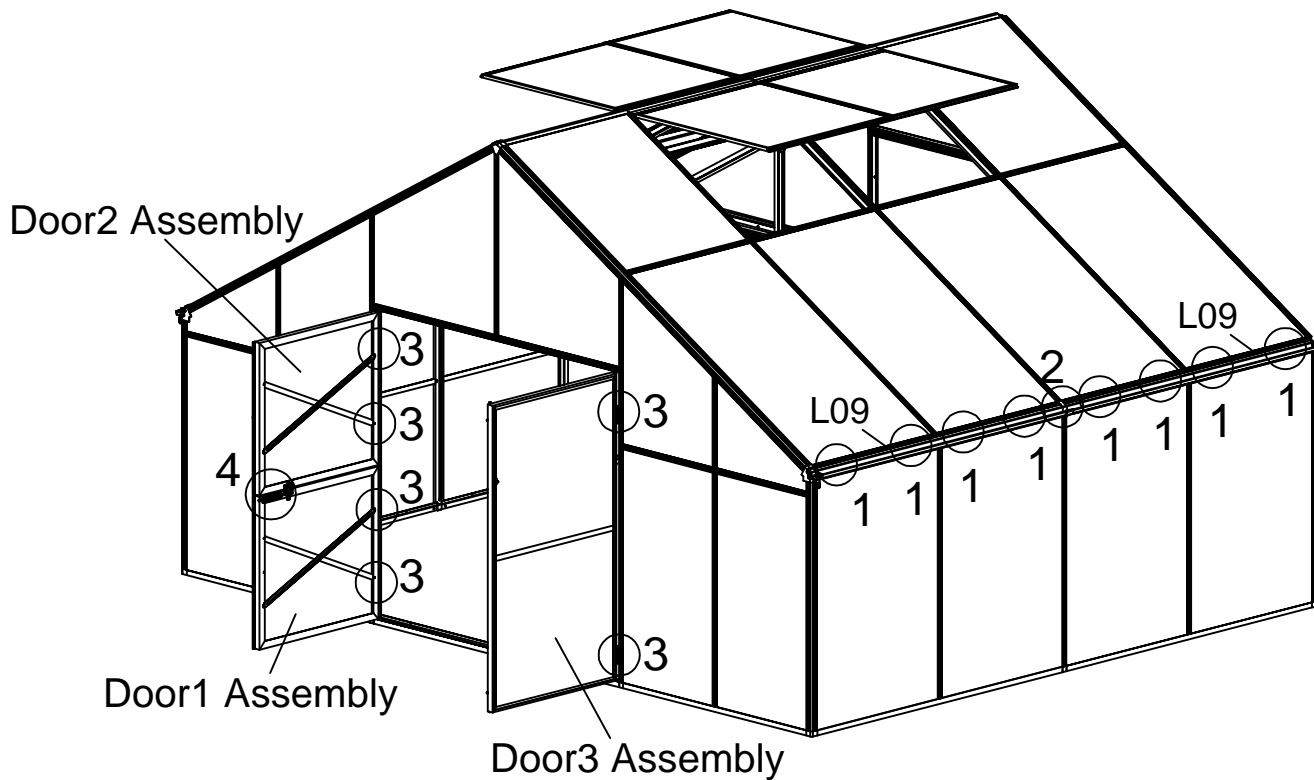
Pay attention to the cut edge of L04E which should be fixed, facing up.



REPEAT the same assembly for another side.

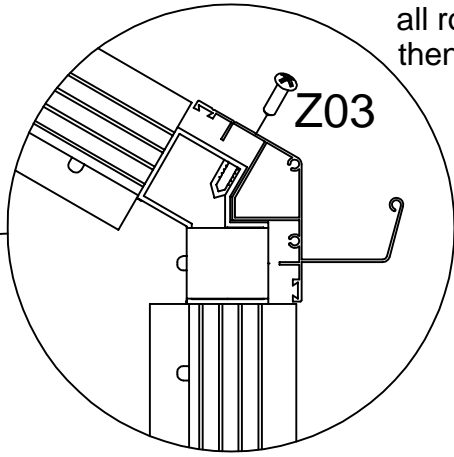
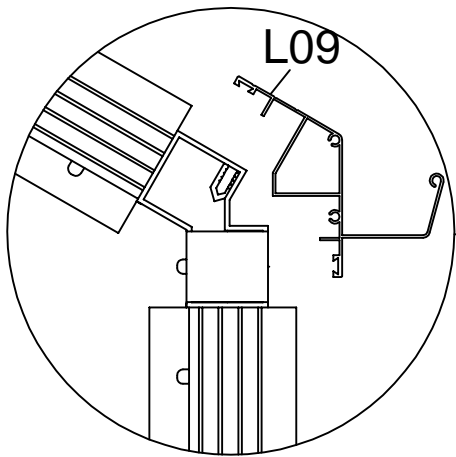


Insert all Y9 into each roof of greenhouse.



1

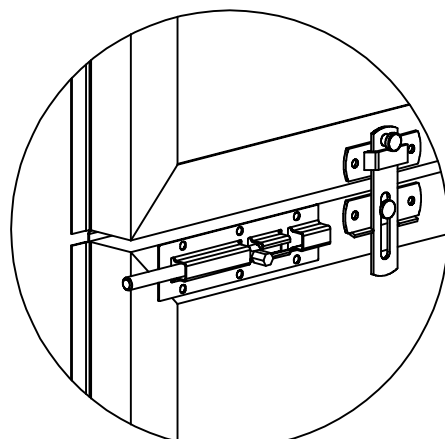
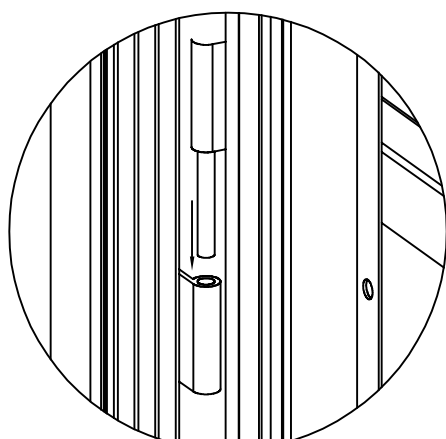
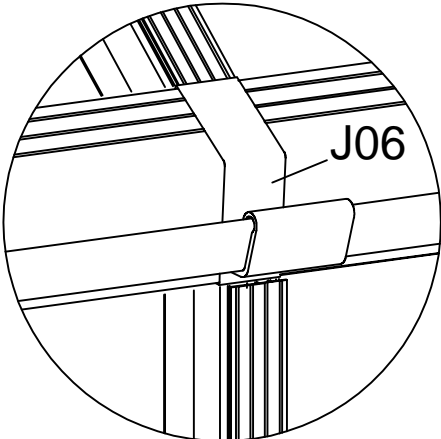
Use L09 to cover the edges of all Y9 after all roof PC panels are fixed in place, then tighten them with Z03.

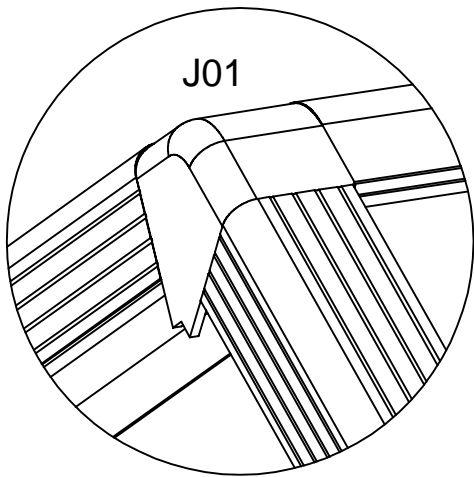
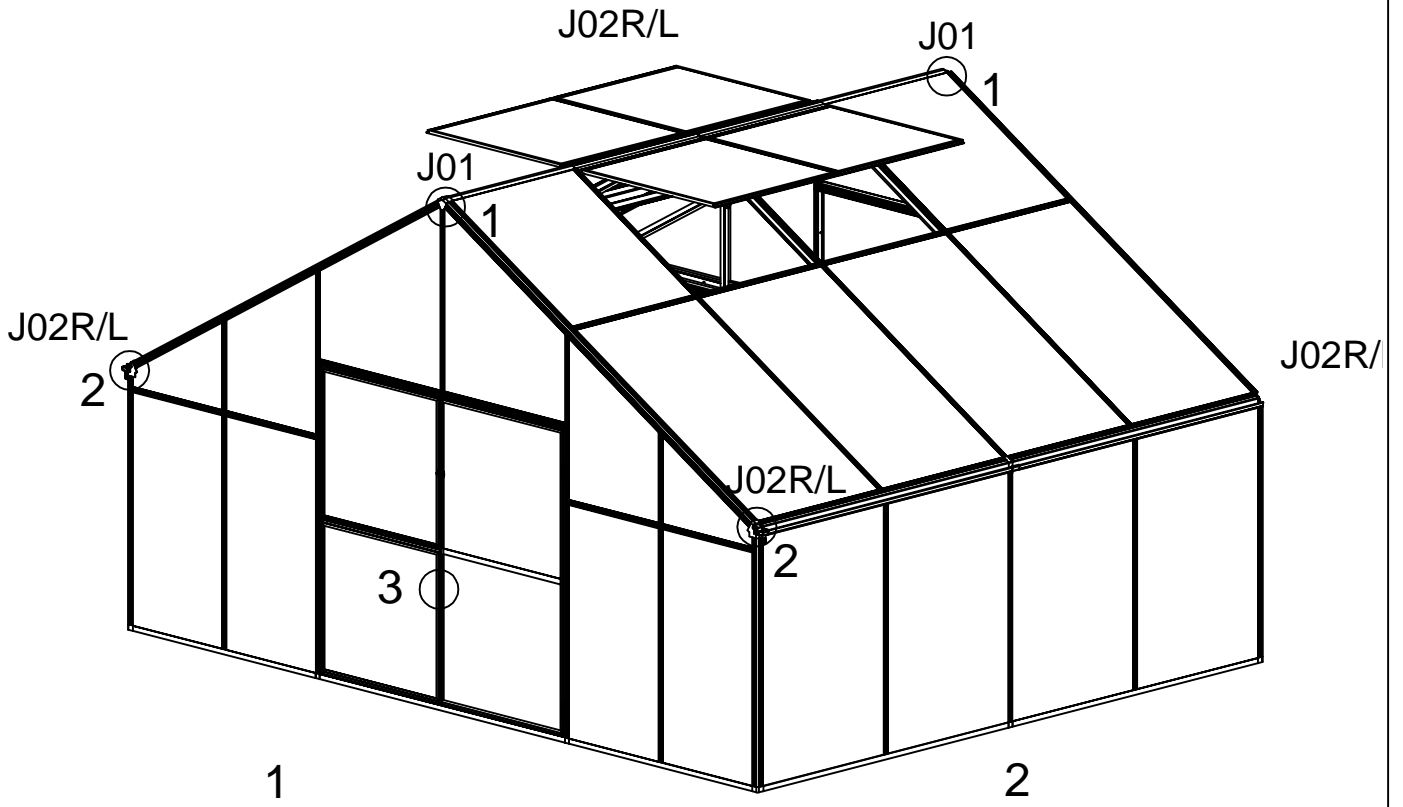


2

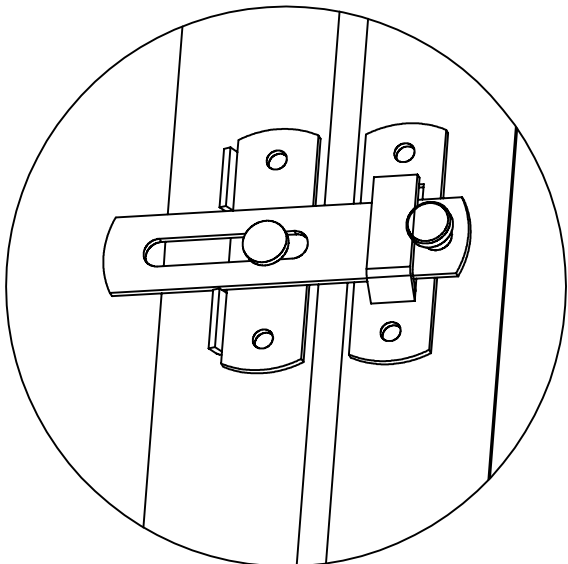
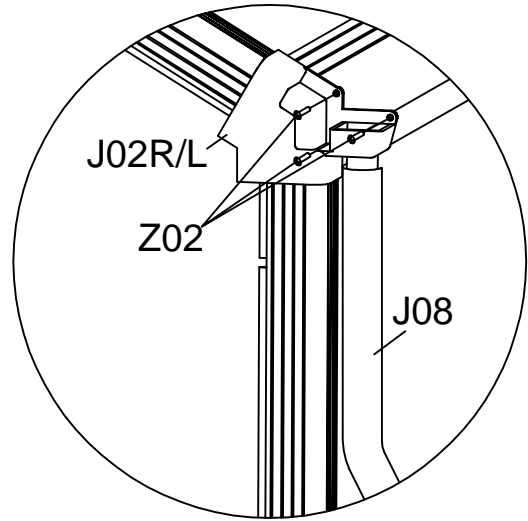
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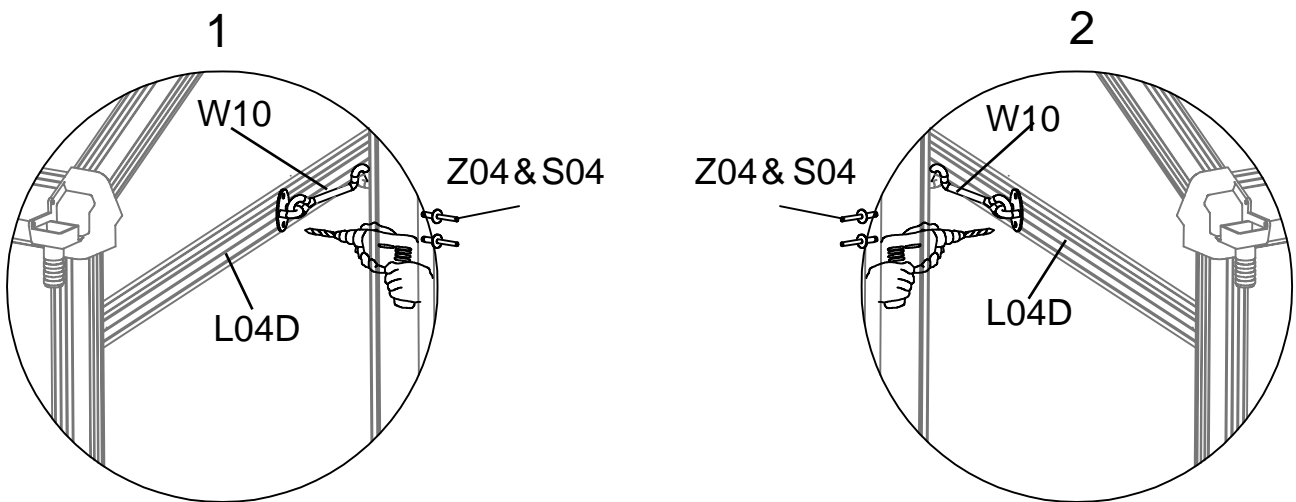
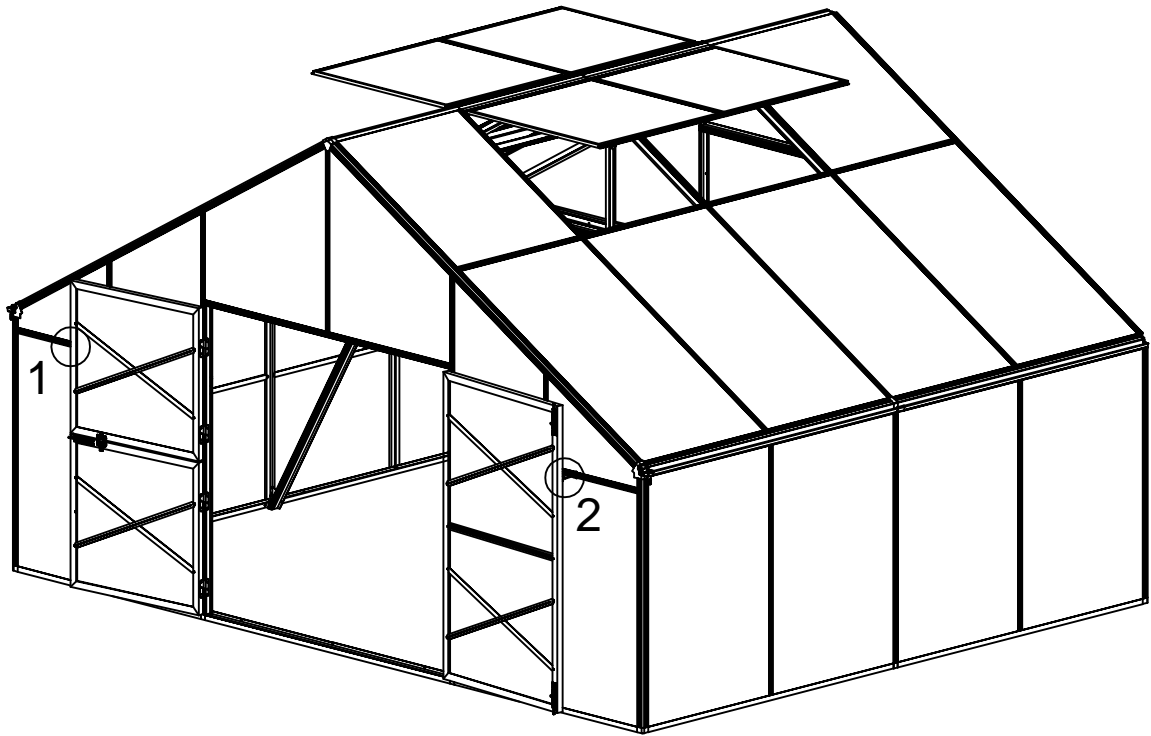
4





3





Drill the holes on each L04D as shown, Dia.3.2mm, and secure the hooks W10 with Z04 & S04, then ensure W01 works with Door1 & 2 & 3 properly when the doors are open.