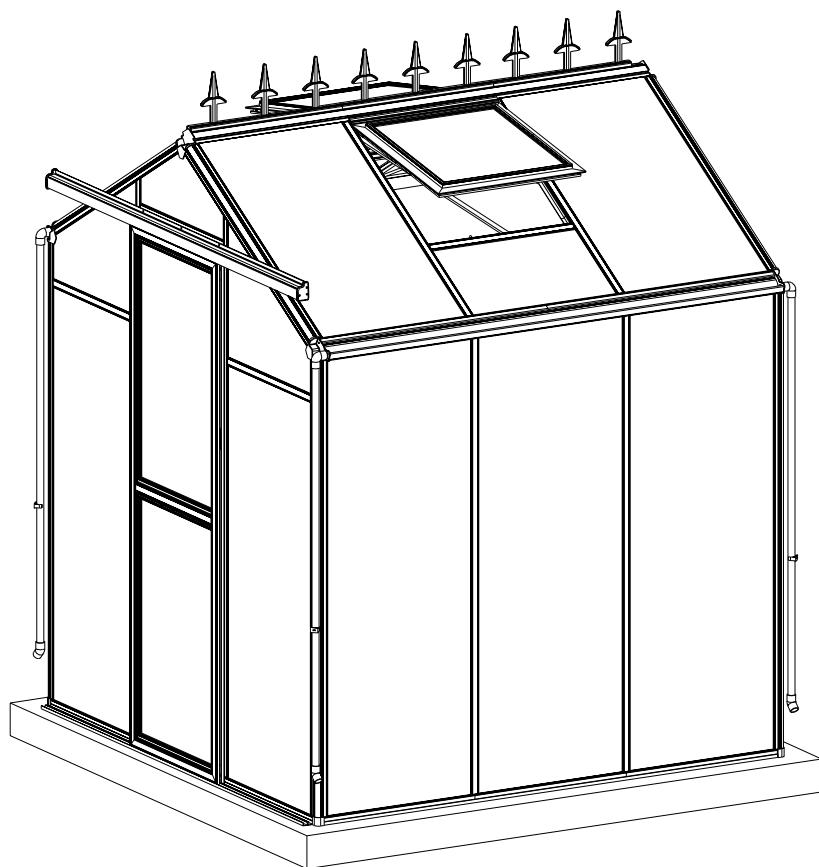




# Assembly Instructions



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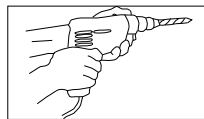
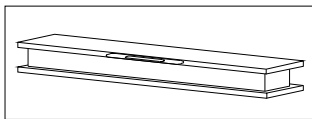
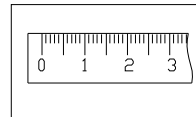
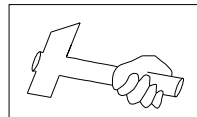
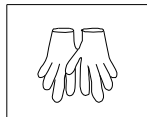
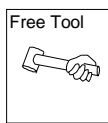
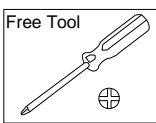
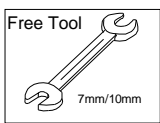
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## Item No. & Packing List

Item No.	Product Size (LxWxH)	Packing List			
		Basic 3 Section		EXT. 2 Section	
		AL NO.1	PC/Glass NO.1	AL NO.2	PC/Glass NO.2
GM34303	195x191x218CM	1CTN	1CTN		
GM34305	319x191x218CM	1CTN	1CTN	1CTN	1CTN
GM34307	443x191x218CM	1CTN	1CTN	2CTN	2CTN
GM34309	565x191x218CM	1CTN	1CTN	3CTN	3CTN
etc.		etc.	etc.	etc.	etc.

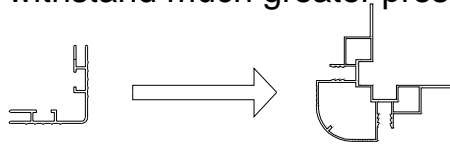
## Assembly and Maintenance Advice

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.

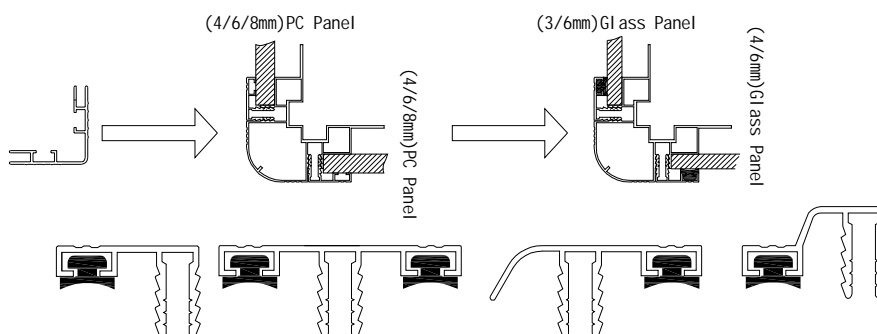


## Functions and Features:

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

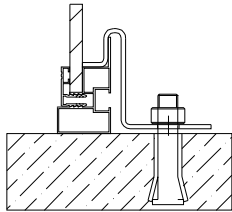


2. A great improvement for this new greenhouse is bar capping which is a neater and stronger way to retain the glazing. Another benefit is that these greenhouses can be glazed with glass or polycarbonate of varying thicknesses.

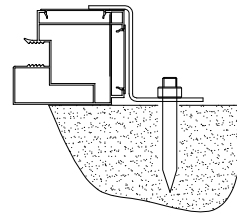


\* If you are glazing this greenhouse with glass you will need to slide the rubber gaskets into the bar capping.

3. 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).

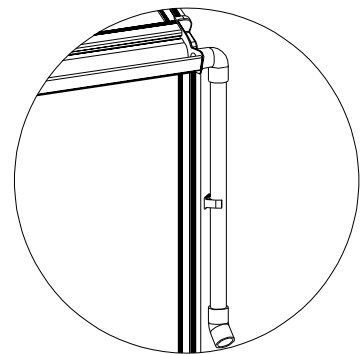


Expansion bolt  
in concrete

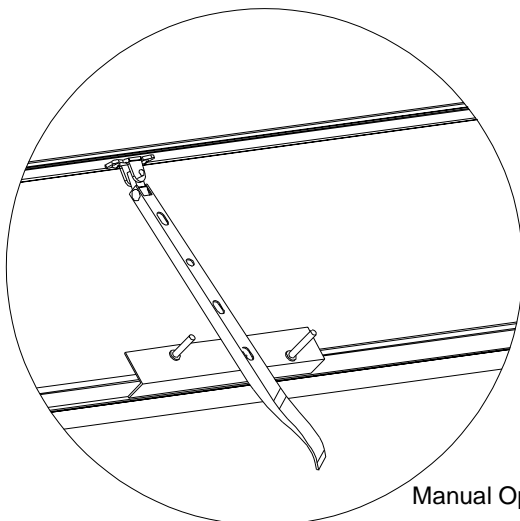


Steel bar/Lawn land

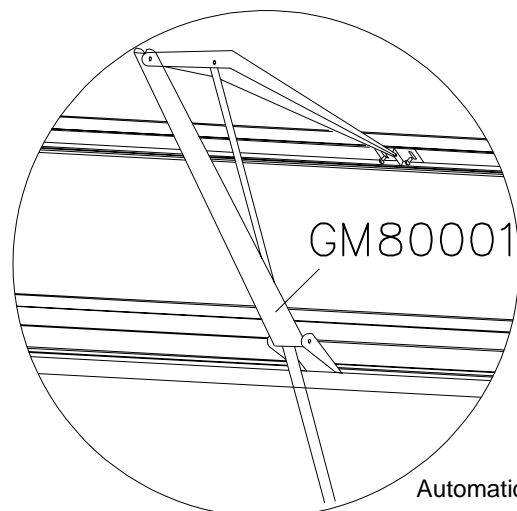
4. Our unique frame connectors make much stronger joints than conventional greenhouses.
5. The strong two part eaves beam includes an integral gutter. Downpipes are also included as standard so you can collect rainwater.



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



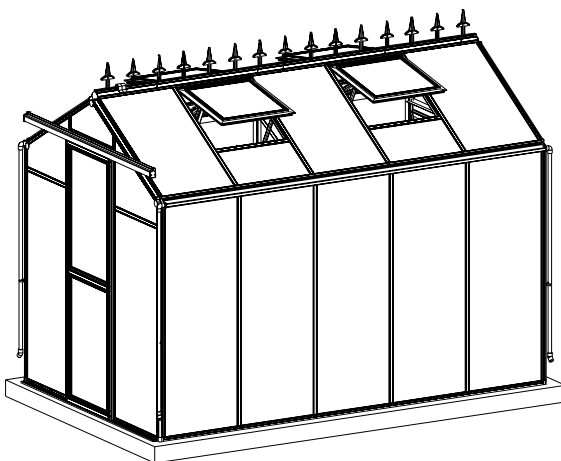
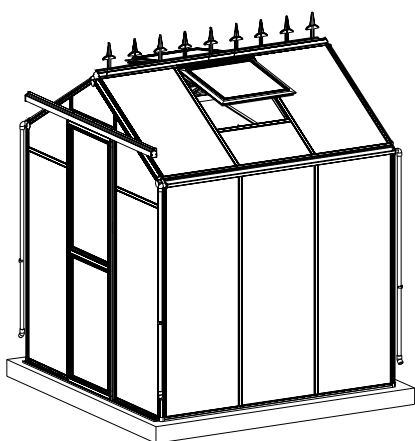
Manual Opener



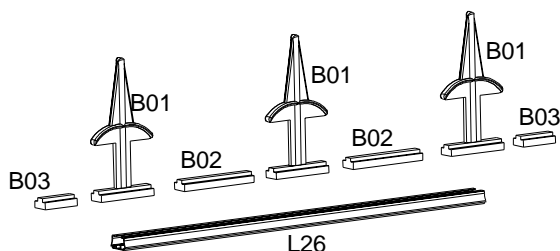
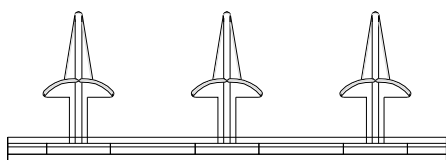
Automatic Opener

7. 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.

8. This product can be extended freely. We have basic 3 sections and EXT. 2 sections. So, it can be extended to 5 sections or 7 or longer.


















































































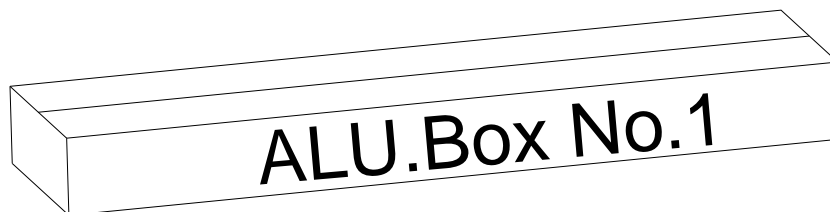
9. Decorative crestings are available as an optional extra. Each 2' wide glazing panel in the sides and roof requires one set. One set includes 3xB01, 2xB02, 2xB03 and 1xL26.













Attention: Framework for whole greenhouse needs to be completed before installing polycarbonate sheet/glass.


# GM34303(ALU.Box No.1)

	PART	NO	QTY		PART	NO	QTY		PART	NO	QTY		PART	NEW	OLD	QTY
1		L01A	2	10		L16A	4	1		L06A	1			A26	A	6
		L01B	2			L16B	4			L07A	2			A27	B	8
2		L01C	2	11		L17	1	3		L08B	2			A28	C	4
		L01D	2			L18A	2			L09A	2			H18	D	2
3		L03C	1	12		L18D	2	4		L02A	4			J09	J01	2
		L03D	1			L21C	4			L02B	4			J10R/L	J02R/L	2/2
		L03E	1			L21D	4			L04A	2			J12R/L	J03R/L	1/1
		L03F	1			L15A	2			L11C	9			J11	J04	4
4		L04A	5	15		L21A	4	7		L05C	6			J94	J05	4
		L05A	4			L21B	4			L05D	4			J93	J07	4
5		L05B	1	16		L19A	4	8		L22	6			J92	J08	4
		L11A	8			L19B	2			L22B	2			D17	W01	6
6		L11B	8	17		L20	2	10		L12A	4			D07	W05	11
		L11D	2							L12B	4			A01	W06	2
7		L12G	7	18				11		L30/J06	4			A03	W08	2
		L12C	2											D28	W09	2
8		L12D	2											H20	W22	2
		L08B	1											S08	S03	11
9		L10	1											S11	S04	5
		L11E	1											S14	S01	131
		L13	1											M03	M01	136
		L14	1											S12	S02	2
		L23	1											M06	M02	2
														Z22	Z01	183
														Ø4X16	Z02	28
														Z04	Z03	5
														Z12	Z04	5
														Ø4X50		




GM34303(PC/GLASS No.1)

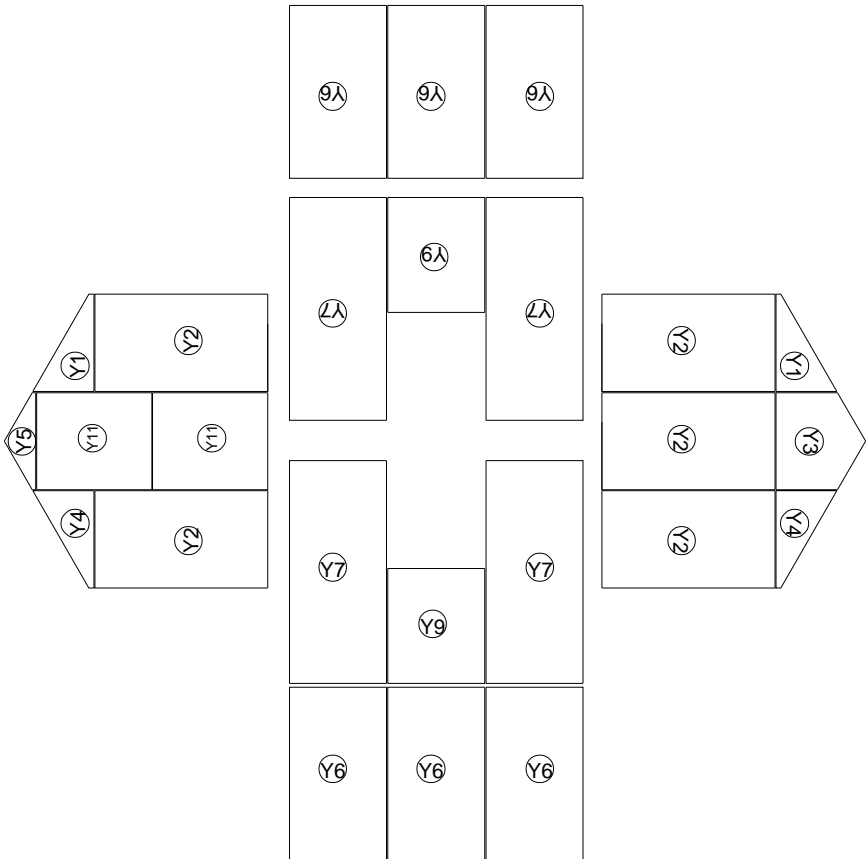
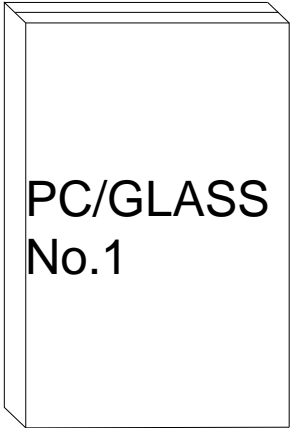
	Y1	2
	Y2	5
	Y3	1
	Y4	2
	Y5	1
	Y6	6
	Y7	4
	Y9	2
	Y10	2
	Y11	2

PART	NO	QTY
	J60	75M



















Rubber for walls & roof  
(Provided for glass only)








PART	NO	QTY
	J60	113M


















Rubber for walls only  
(Provided for glass only)

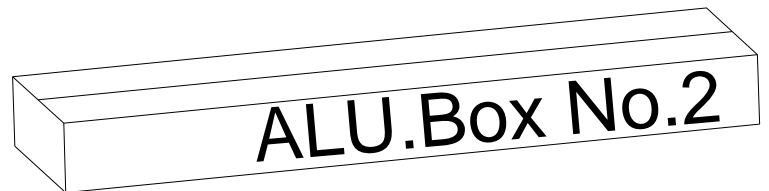


## EXT. 2 Sections(AU.Box No.2)





	PART	NO	QTY
1		L06	1
2		L07	2
3		L08A	2
		L09	2
4		L02A	2
		L02B	2
		L04A	2
5		L11C	4
		L12G	2
6		L05C	4
		L05D	2
7		L22	3
8		L22A	2
9		L22C	6
10		L12A	4
		L12B	4
11		L03A	2
		L03B	2

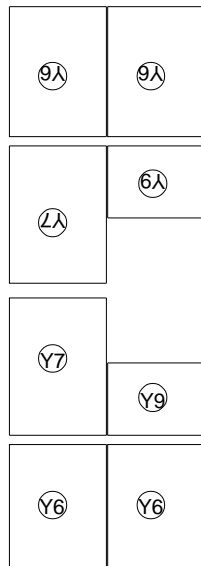
	PART	NO	QTY
12		L15A	2
		L21A	4
		L21B	4
13		L19A	4
14		L19B	2
15		L20	2
16		L27	1


PART	NEW	OLD	QTY
	A01	W06	2
	D24	W02	2
	D25	W03	2
	D27	W04	3
	D26	W07	1
	D07	W05	4
	A03	W08	2
	D28	W09	2
	S08 M8X60	S03	4
	S11 M6X20	S04	9
	S14 M6X10	S01	92
	M03 M6	M01	101
	Z22 Ø4X16	Z01	65
	A27	B	8
	Z02 Ø4X16D	Z02	9
	Z04 Ø4X8	Z03	5
	Z24 M5X25	Z05	2




## EXT. 2 Sections(PC/GLASS No.2)

	Y6	4
	Y7	2
	Y9	2
	Y10	2

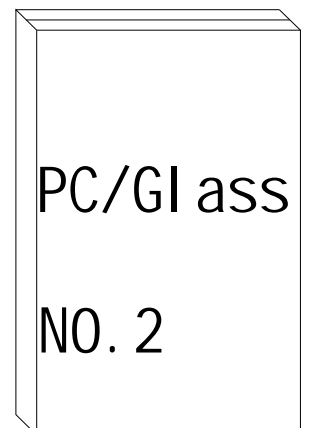


PART	NO	QTY
	J60	26M




















Rubber for walls & roof  
(Provided for glass only)

PART	NO	QTY
	J60	36M

Rubber for walls only  
(Provided for glass only)

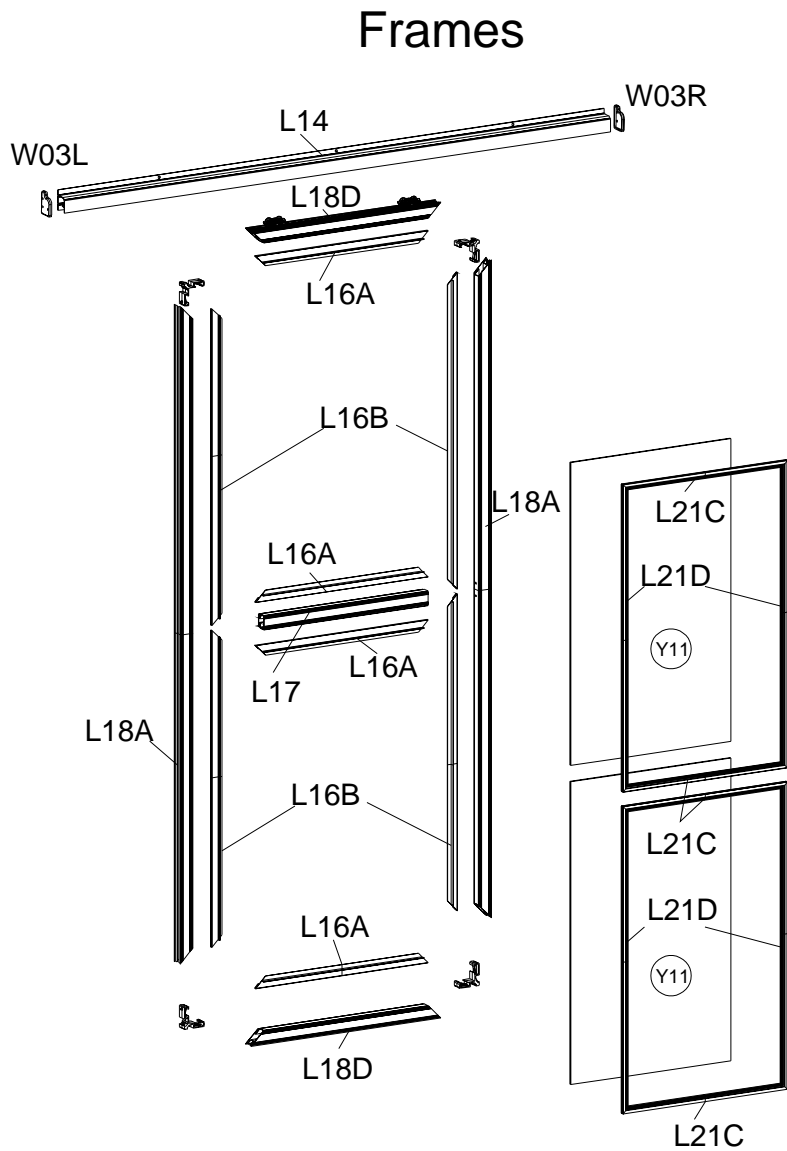













































PART	NO	QTY	PART	NO	QTY	PART	NO	QTY
	L14	1		A28	4		Y11	2
	L16A	4		H18	2			
	L16B	4		J12R/L	1/1			
	L17	1		S14 M6X10	3			
	L18A	2		M03 M6	3			
	L18D	2		S12 M8X30	2			
	L21C	4		M06 M8	2			
	L21D	4		Z22 Ø4X16	16			
				Z02 Ø4X16D	6			
				Z12 Ø4X50	4			

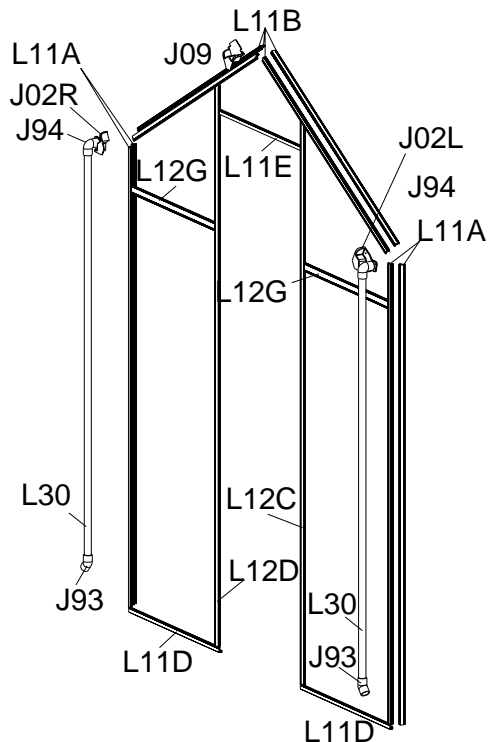
Door Assembly

Overview

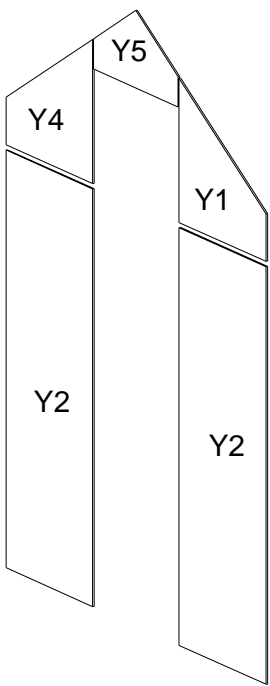


PART	NO	QTY	PART	NO	QTY	PART	NO	QTY
	L01A	1		A26	3		Y1	1
	L01B	1		J09	1		Y2	2
	L01C	1		J10R/L	1/1		Y4	1
	L01D	1		J11	2		Y5	1
	L03E	1		J94	2	<div> <h1>Front Wall Assembly</h1> <h2>Overview</h2> </div>		
	L03F	1		L30	2			
	L04A	2		J93	2			
	L05A	2		J92	2			
	L10	1		D17	3			
	L11A	4		D07	2			
	L11B	4		S08	2			
	L11D	2		M8X60	28			
	L11E	1		S14	28			
	L12C	1		M6X10	28			
	L12D	1		M03	46			
	L12G	2		M6	6			
	L23	1		Z22				
				Ø4X16				
				Z02				
				Ø4X16D				

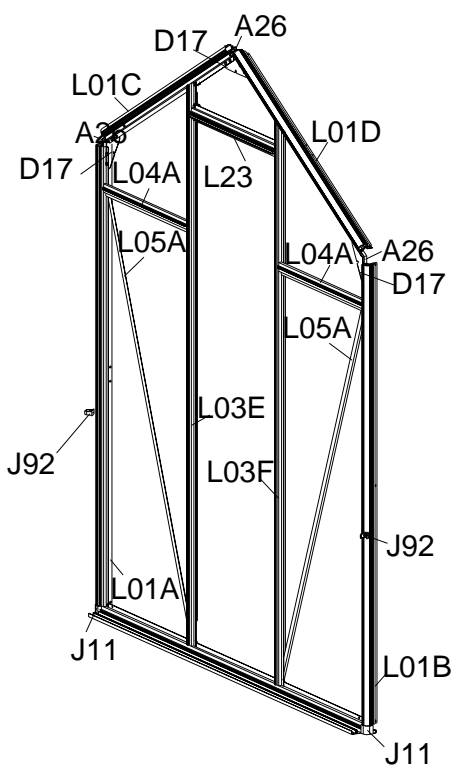
Aluminium Capping





































Panels

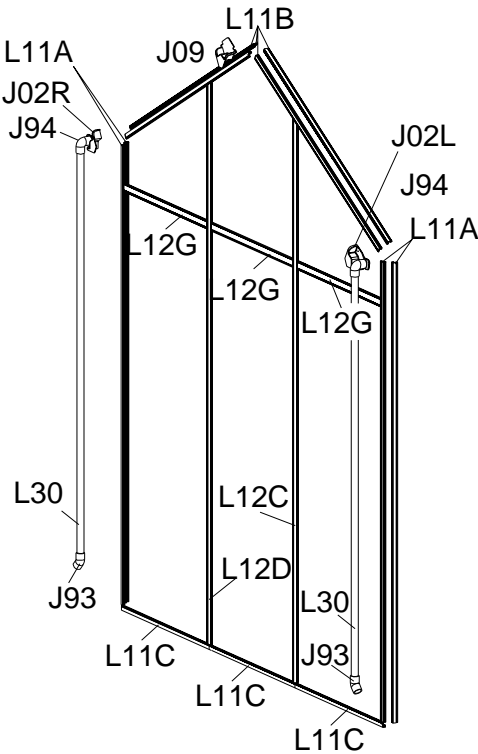


Frames

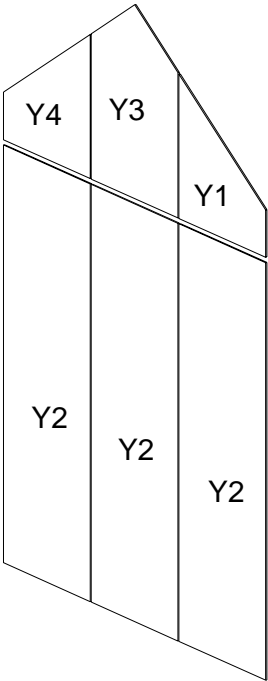


PART	NO	QTY	PART	NO	QTY	PART	NO	QTY
	L01A	1		A26	3		Y1	1
	L01B	1		J09	1		Y2	3
	L01C	1		J10R/L	1/1		Y4	1
	L01D	1		J11	2		Y3	1
	L03C	1		J94	2	<div>Rear Wall Assembly</div> <div>Overview</div>		
	L03D	1		L30	2			
	L04A	3		J93	2			
	L05A	2		J92	2			
	L05B	1		D17	3			
	L08B	1		D07	3			
	L11A	4		S08	3			
	L11B	4		M8X60				
	L11C	3		S14	30			
	L12C	1		M6X10				
	L12D	1		M03	30			
	L12G	3		M6				
	L13	1		Z22	48			
				Ø4X16				
				Z02	6			
				Ø4X16D				

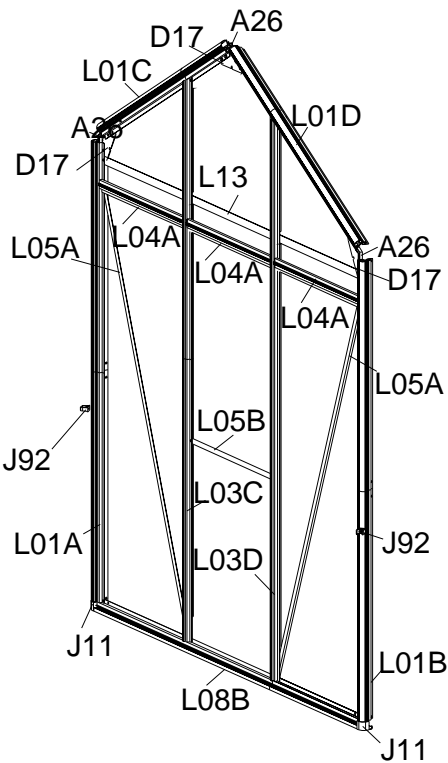
Aluminium Capping









































Panels



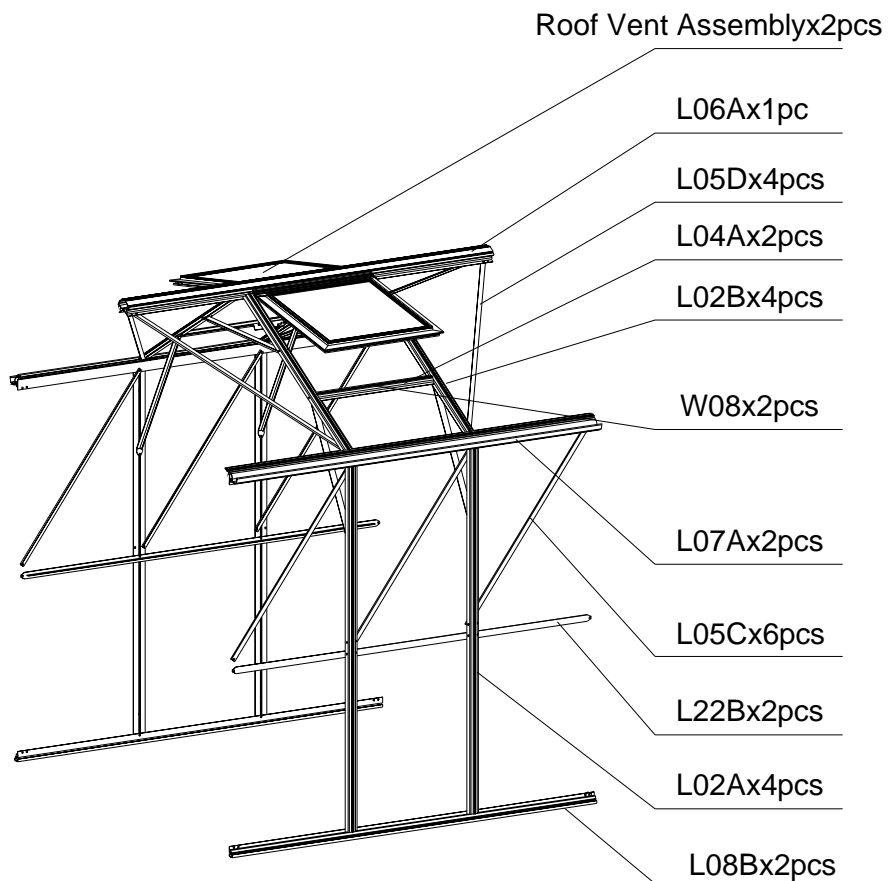
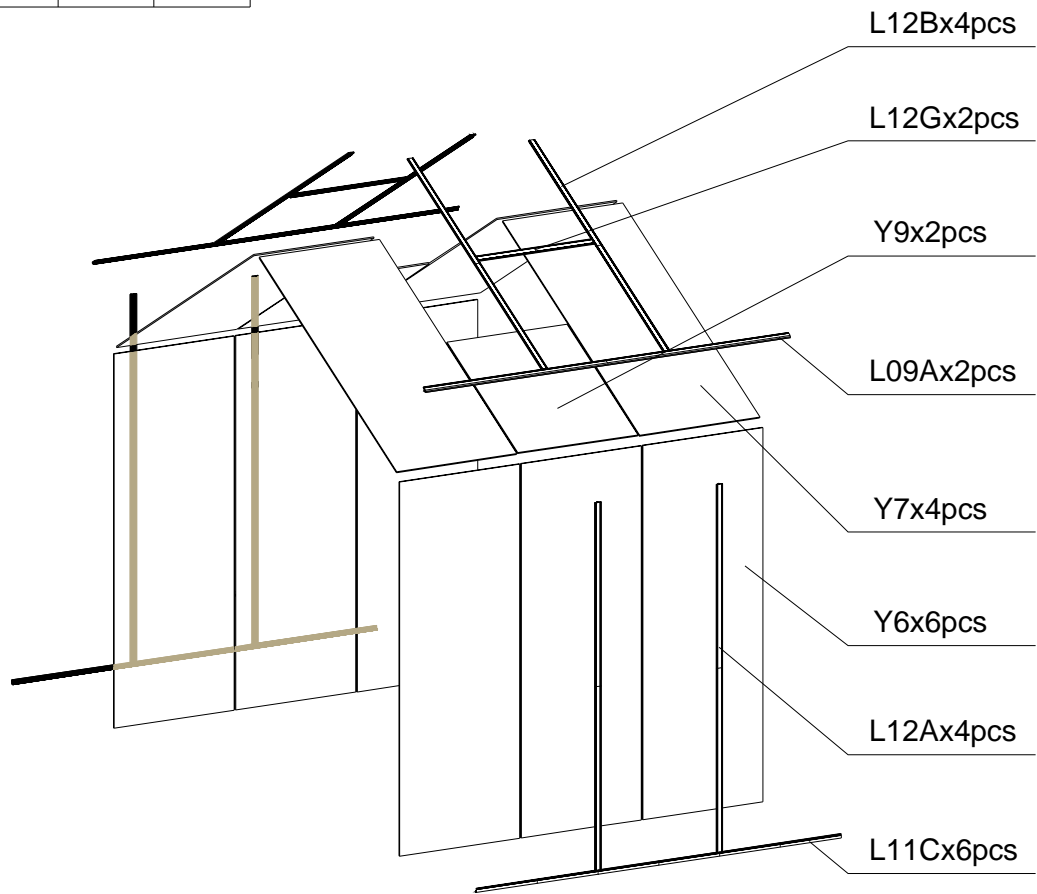
Frames

















































PART	NO	QTY	PART	NO	QTY
	L06A	1		Y6	6
	L07A	2		Y7	4
	L08B	2		Y9	2
	L09A	2			
	L02A	4			
	L02B	4			
	L04A	2			
	L05C	6			
	L05D	4			
	L22	6			
	L22B	2			
	L11C	6			
	L12A	4			
	L12B	4			
	L12G	2			
	L15A	2			
	L19A	4			
	L19B	2			
	L20	2			
	L21A	4			
	L21B	4			
	A27	8			
	D07	6			
	A03	2			
	D28	2			
	S08	6			
	M8X60	4			
	S11	68			
	M6X20	72			
	S14	68			
	M03	8			
	M6	4			
	Z22				
	Ø4X16				
	Z02				
	Ø4X16D				
	Z04				
	Ø4X8				

# Sides and Roof Assembly

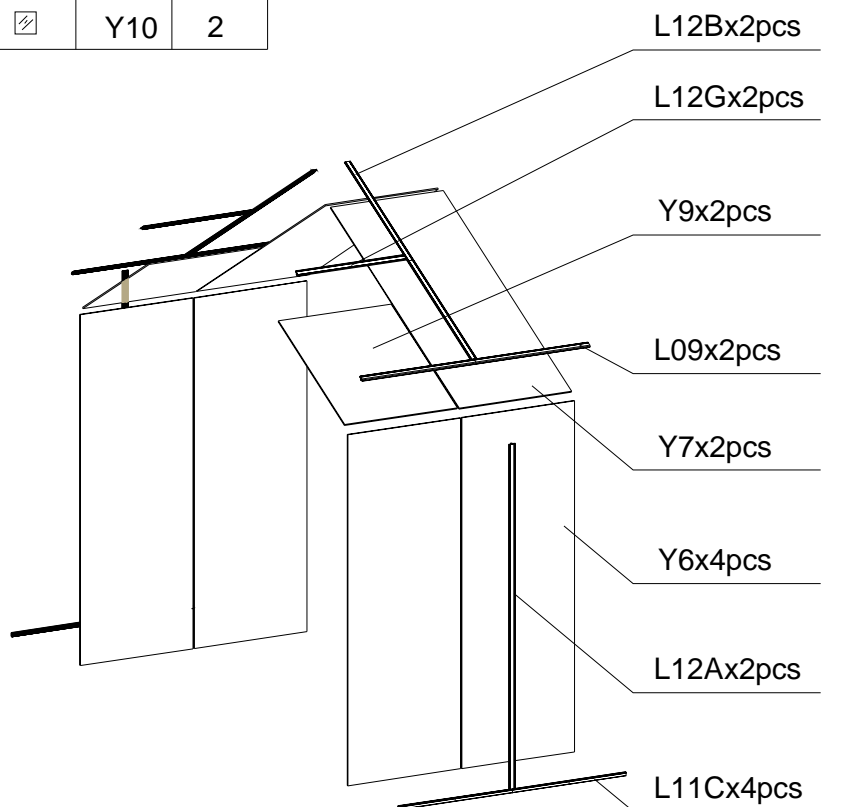
## Overview of Sides and Roof



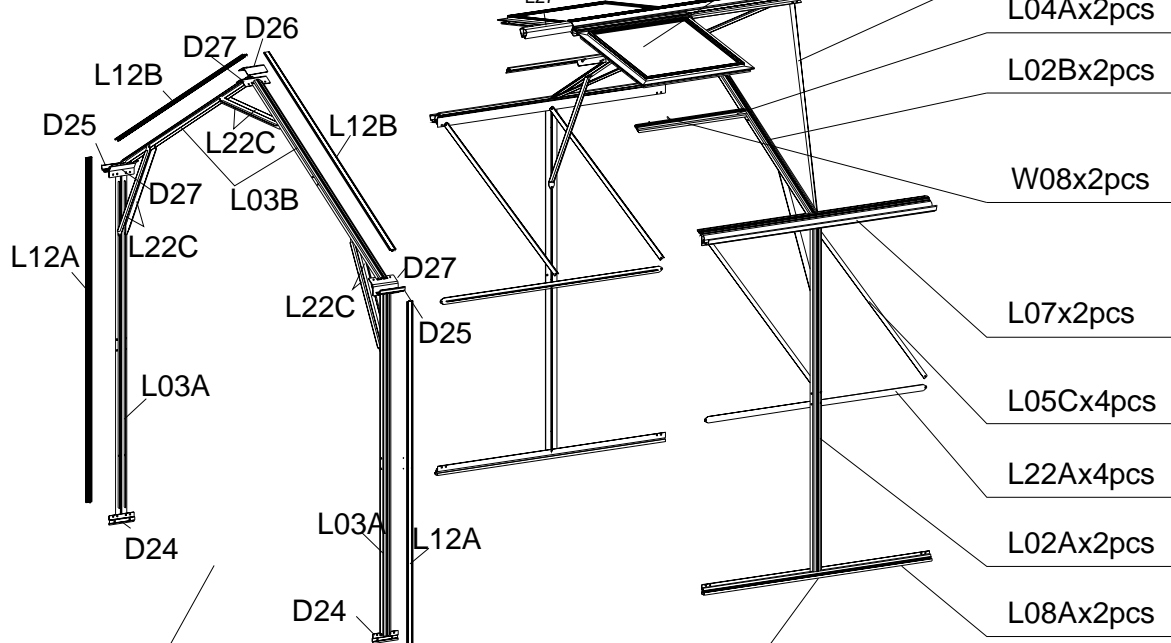
PART	NO	QTY	PART	NO	QTY	PART	NO	QTY
	L06	1		A27	8		Y6	4
	L07	2		D24	2		Y7	2
	L08A	2		D25	2		Y9	2
	L09	2		D27	3		Y10	2
	L02A	2		D07	4			
	L02B	2		A01	2			
	L04A	2		D26	1			
	L05C	4		A03	2			
	L05D	2		D28	2			
	L22	3		S14 M6X10	92			
	L22A	2		M03 M6	100			
	L22C	6		S08 M8X60	4			
	L11C	4		S11 M6X20	8			
	L12A	4		Z22 Ø4X16	62			
	L12B	4		Z02 Ø4X16D	8			
	L12G	2		Z04 Ø4X8	4			
	L03A	2		Z24 M5X25	2			
	L03B	2						
	L15A	2						
	L19A	4						
	L19B	2						
	L20	2						
	L21A	4						
	L21B	4						
	L27	1						

## EXT. 2 Sections Assembly

Overview of Sides and Roof

















Roof Vent Assemblyx2pcs



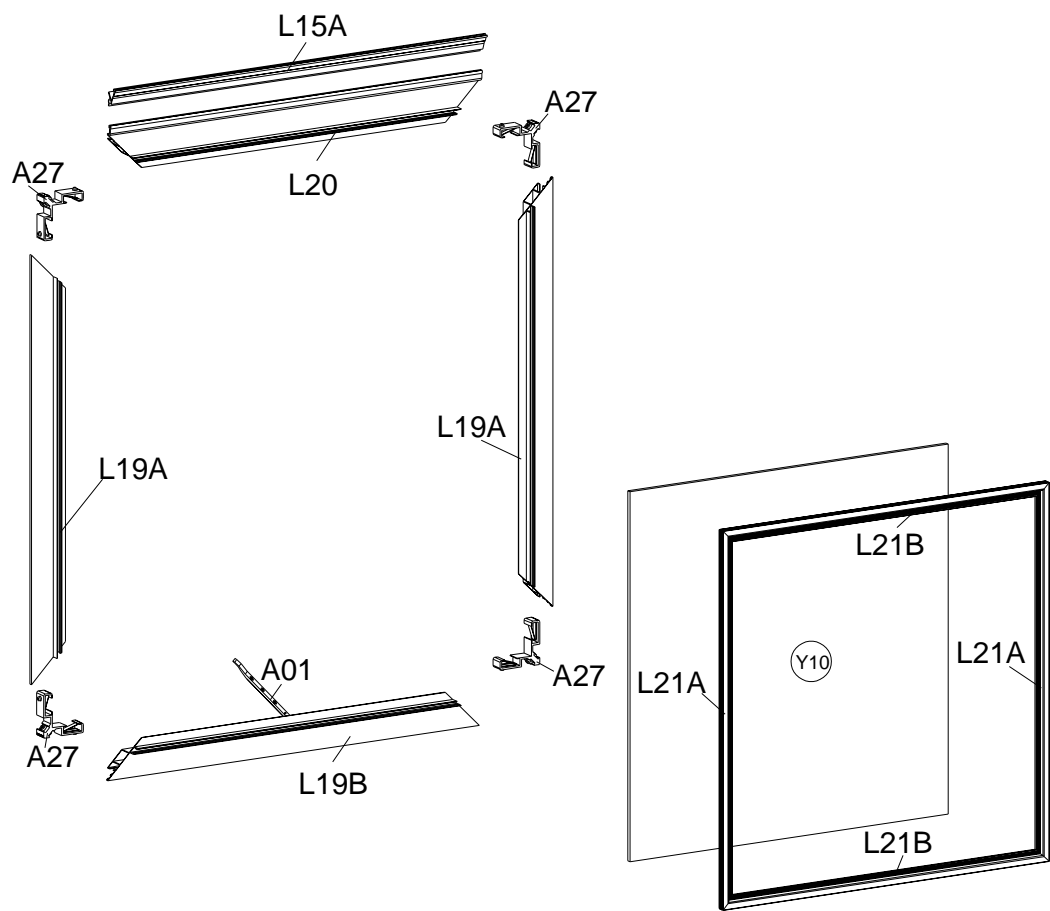
Middle Section Assembly Instruction connects greenhouse to extension.

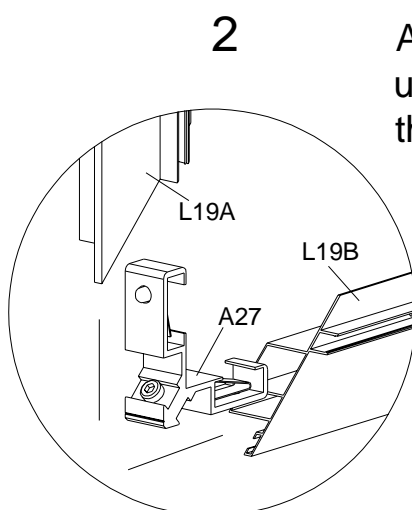
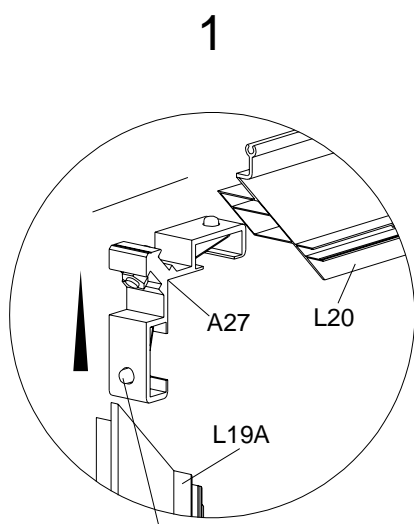
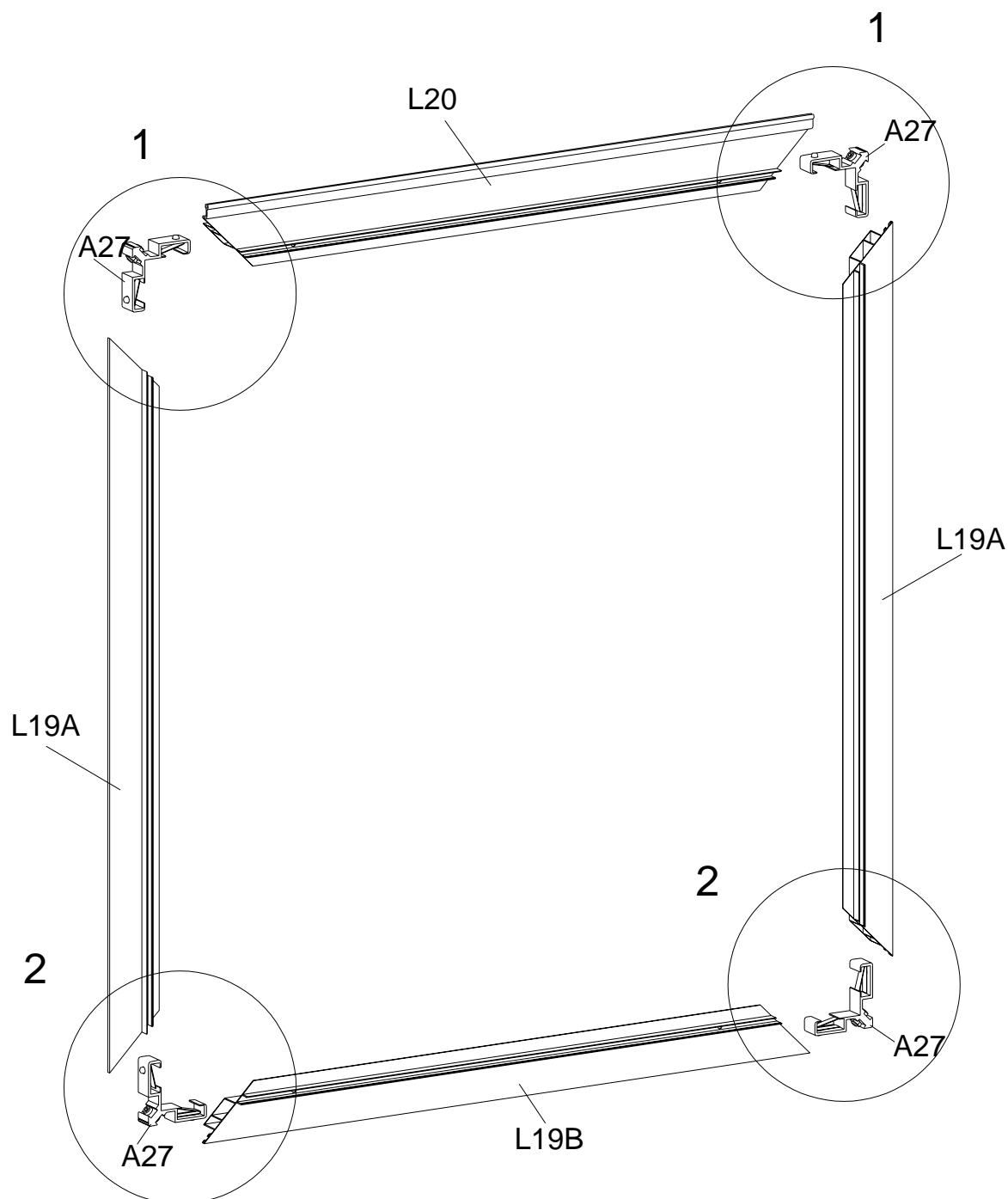
+ EXT. 2 Sections

PART	NO	QTY	PART	NO	QTY	PART	NO	QTY
	L15A	1		A27	4		Y10	1
	L19A	2		Z22	8			
	L19B	1		Z02	4			
	L20	1		Z04				
	L21A	2		Z04	2			
	L21B	2		Z04				
	A01	1						

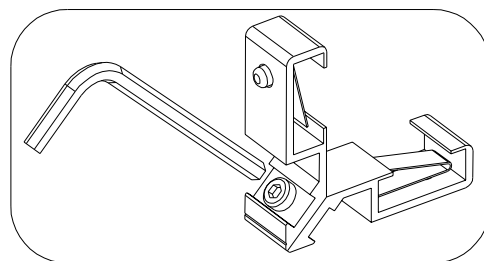
# Roof Vent Assembly

## Overview

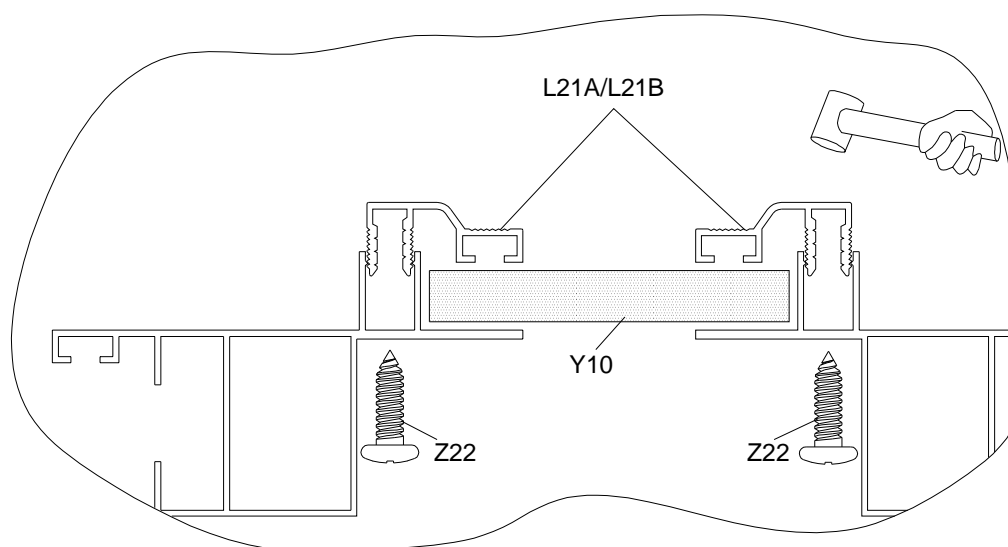
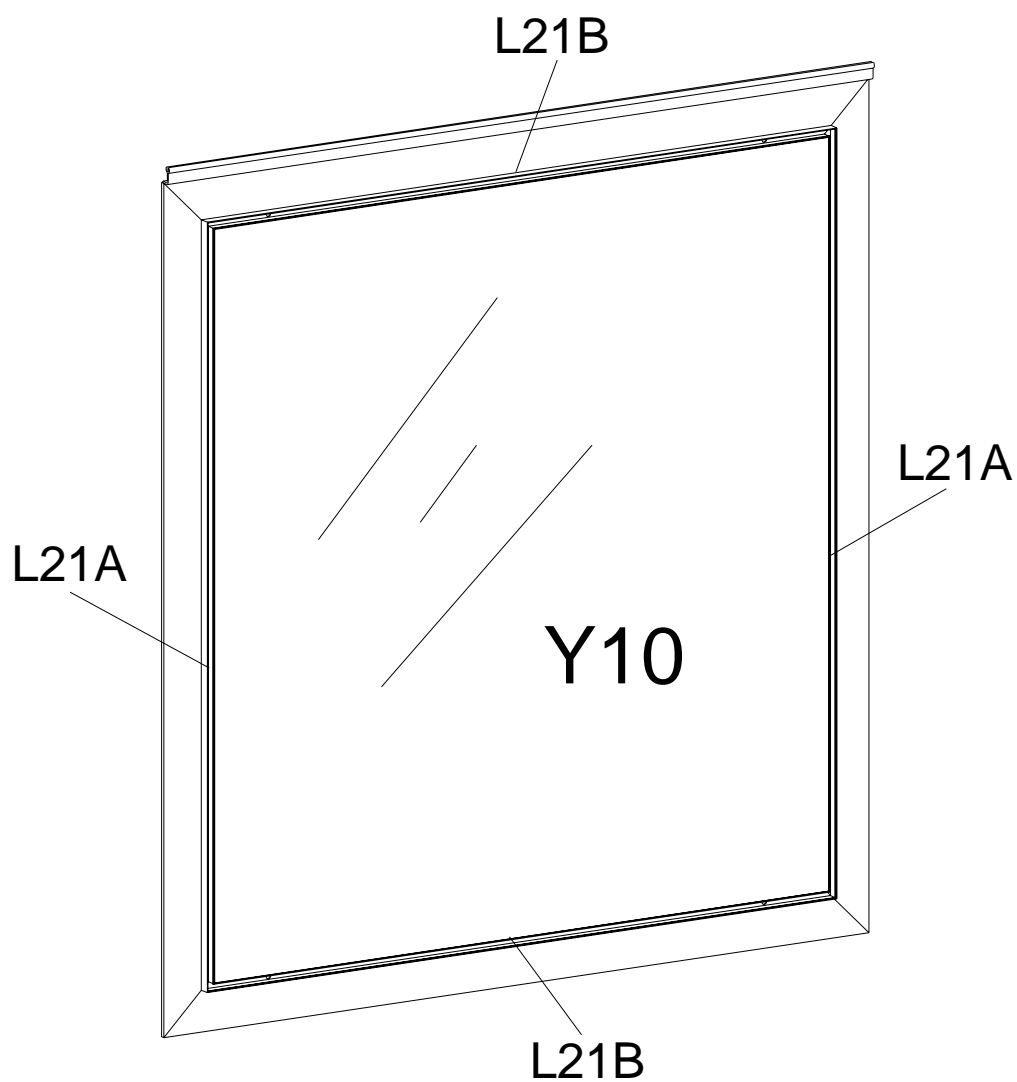




After connector A27 has been fitted, use the hole in the profile to tighten the connector in place.



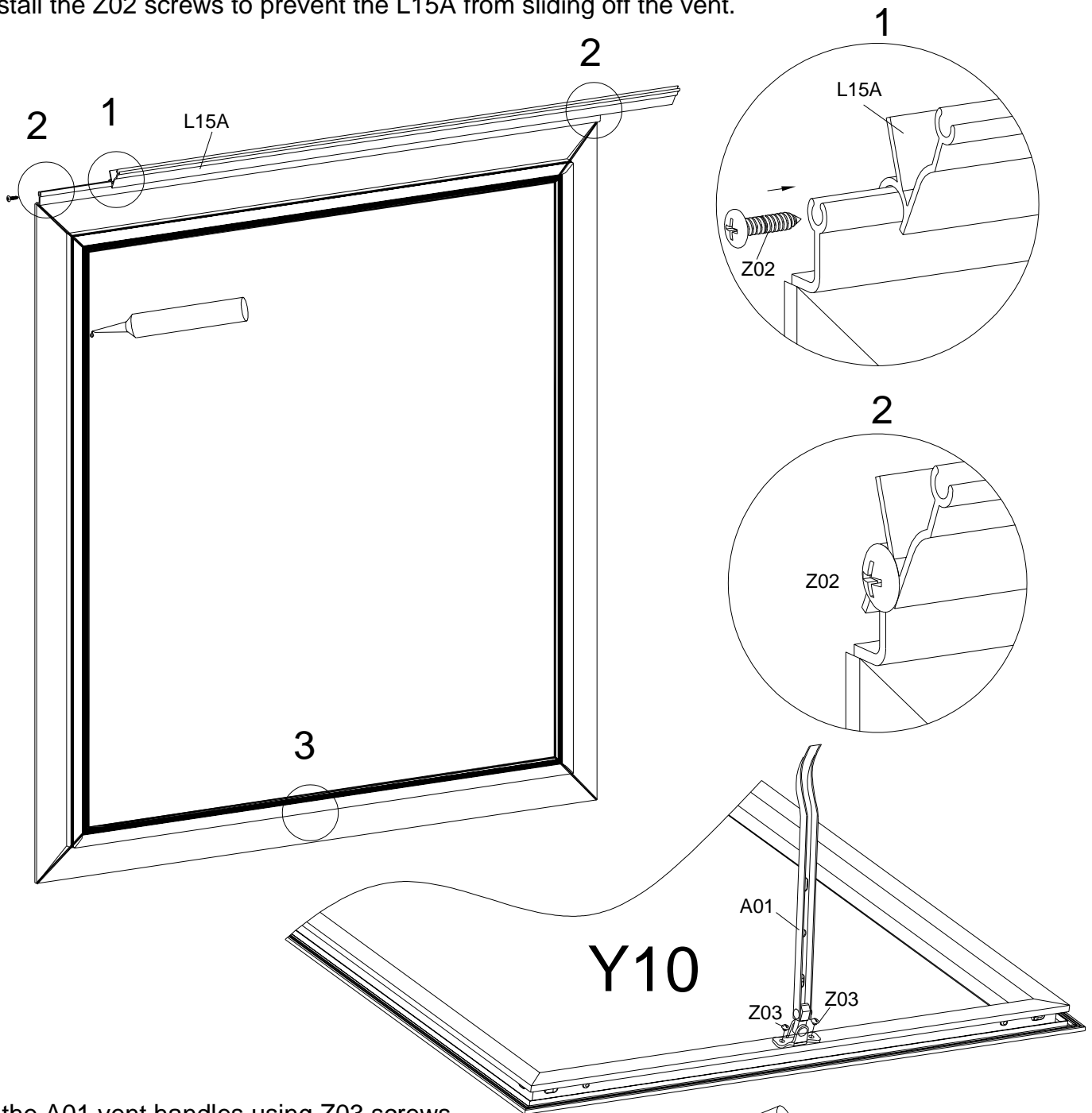
Push down the button on connector A27 before inserting it into the end of the frame profile.



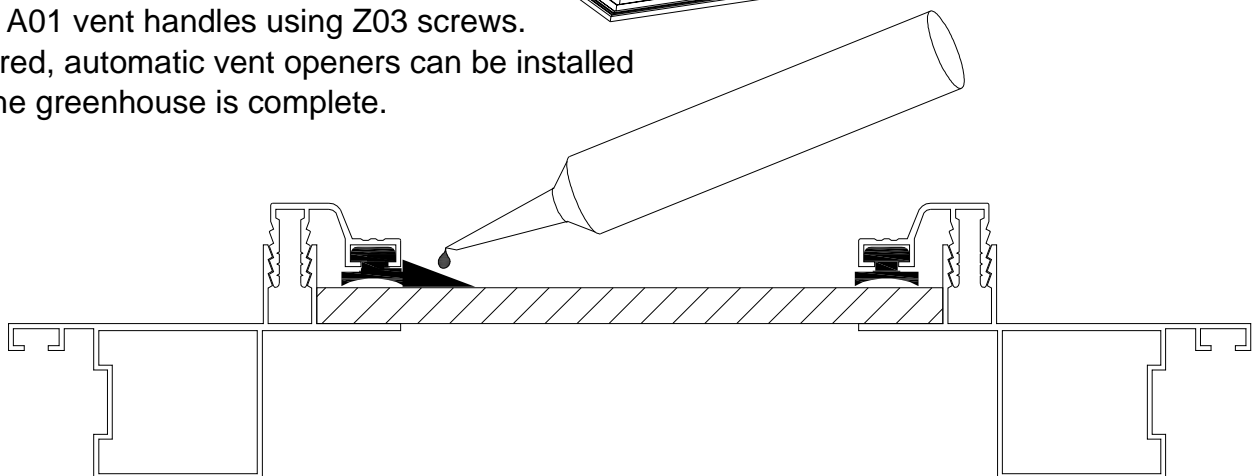
First the glazing panel Y10 should be loosely retained by the bar capping profiles L21A and L21B. Next tap the bar capping gently into position with a rubber mallet, then fix the bar capping securely with Z22 screws.























Install the Z02 screws to prevent the L15A from sliding off the vent.



Fix the A01 vent handles using Z03 screws.  
If required, automatic vent openers can be installed  
once the greenhouse is complete.

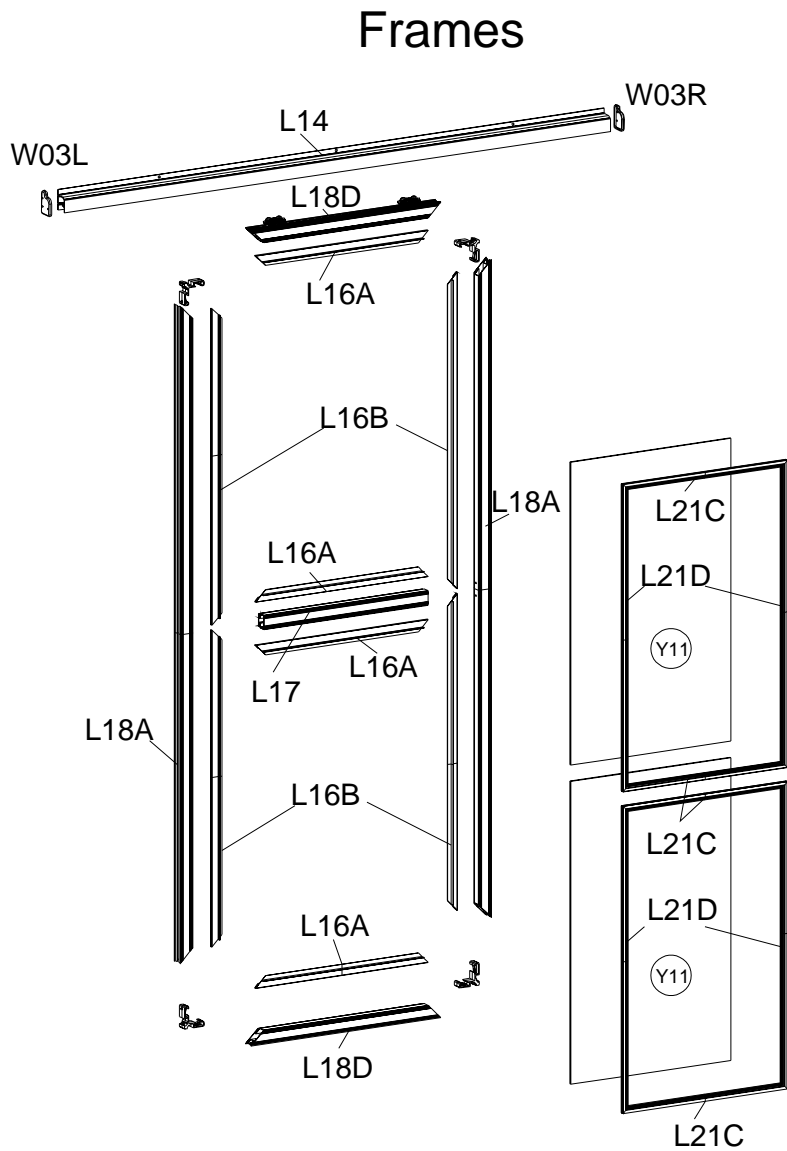


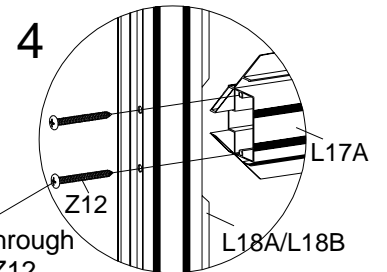
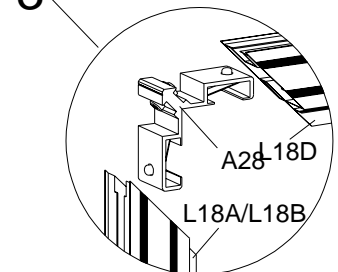
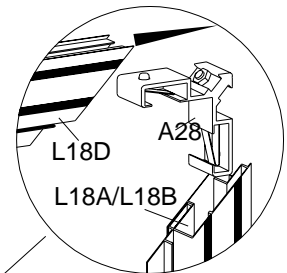
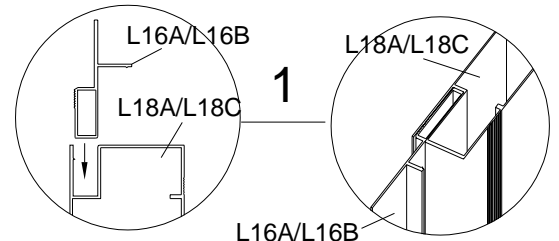
Fill silicone sealant all around Y10 and the gaps between the aluminium frames to avoid  
any water leaking

PART	NO	QTY	PART	NO	QTY	PART	NO	QTY
	L14	1		A28	4		Y11	2
	L16A	4		H18	2		H20	2
	L16B	4		J12R/L	1/1			
	L17	1		S14 M6X10	3			
	L18A	2		M03 M6	3			
	L18D	2		S12 M8X30	2			
	L21C	4		M06 M8	2			
	L21D	4		Z22 Ø4X16	16			
				Z02 Ø4X16D	6			
				Z12 Ø4X50	4			

Door Assembly

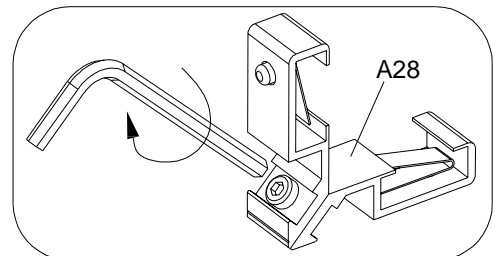
Overview



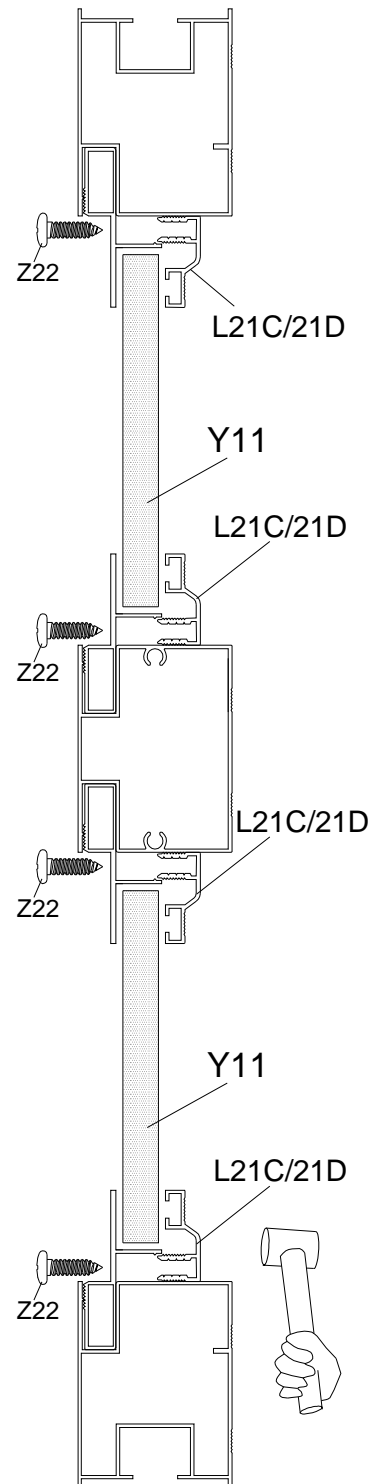
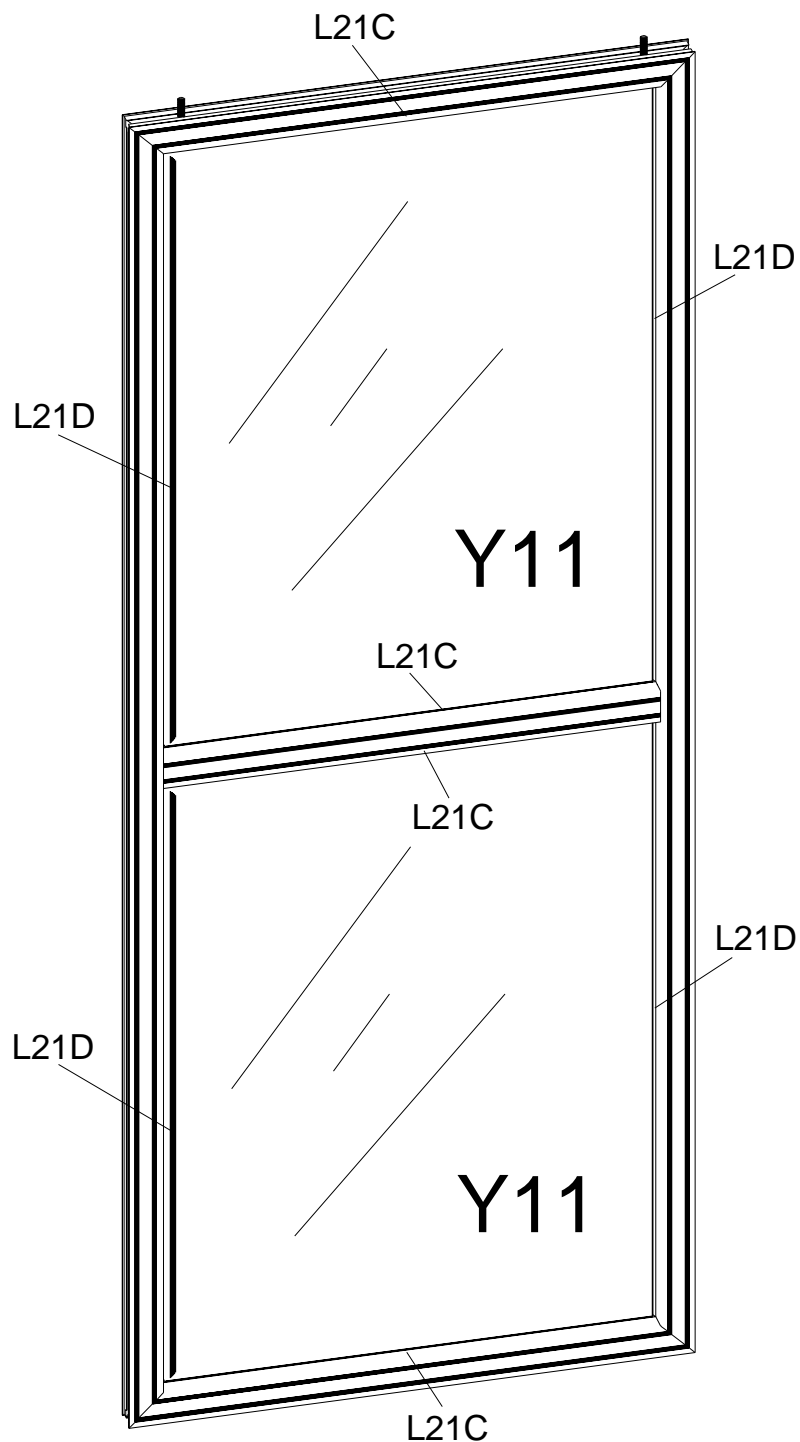


Tighten L17A through  
L18A & B with Z12.

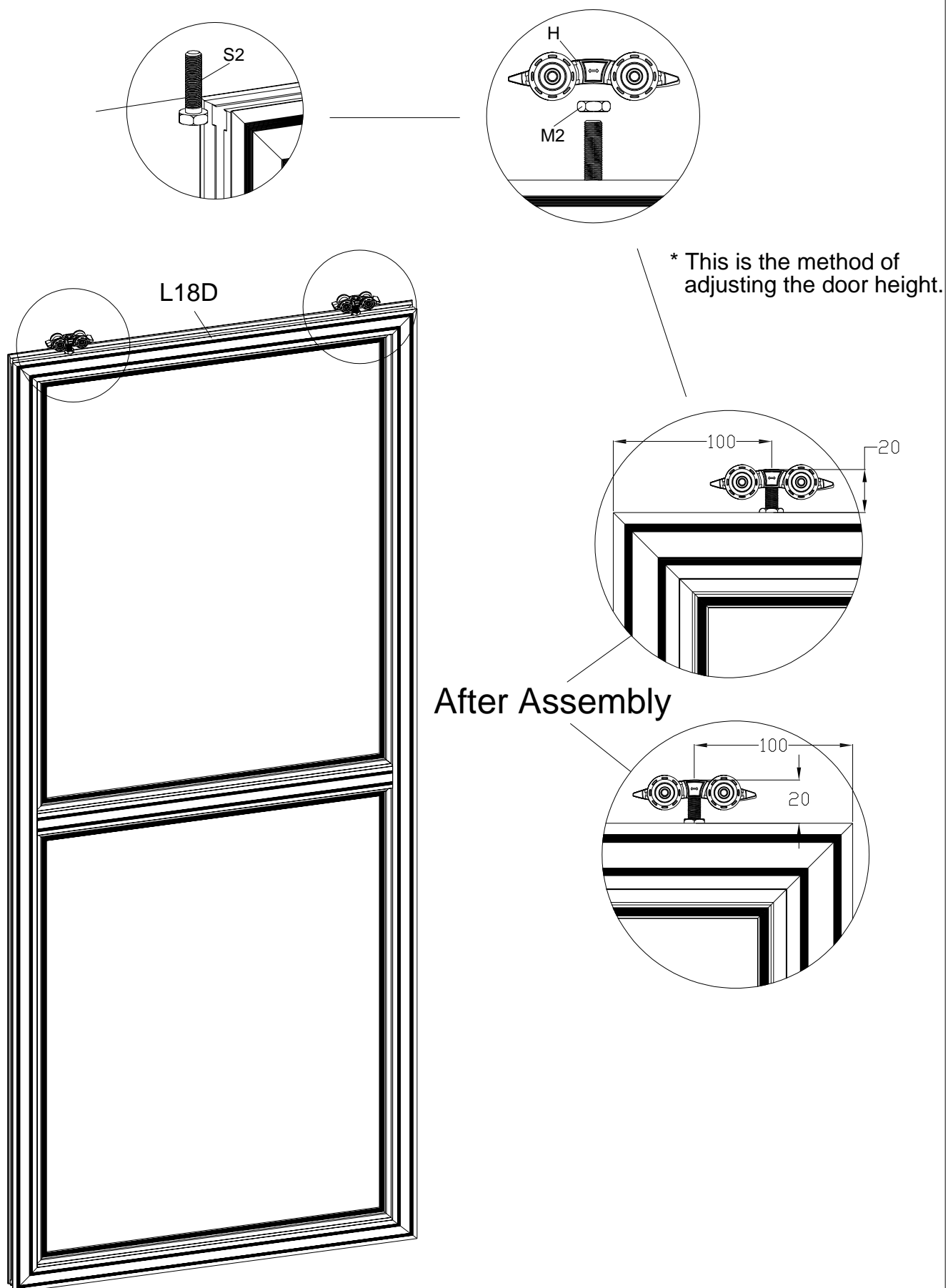
After connector A28 has been fitted, use the hole in the profile to tighten the connector in place.

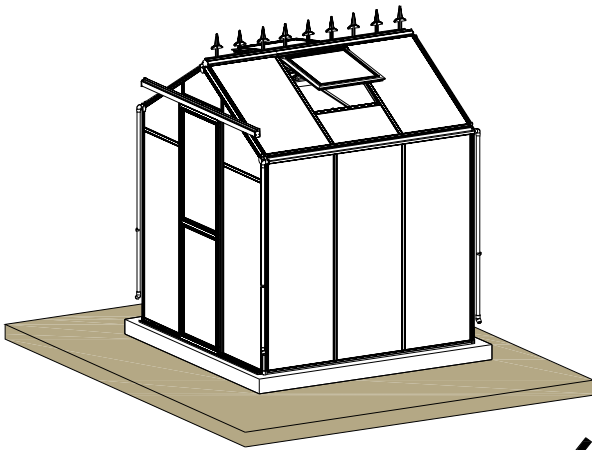


First the glazing panels should be loosely retained by the bar capping profiles L21C and L21D. Next tap the bar capping gently into position with a rubber mallet, then fix the bar capping securely with Z22 screws.

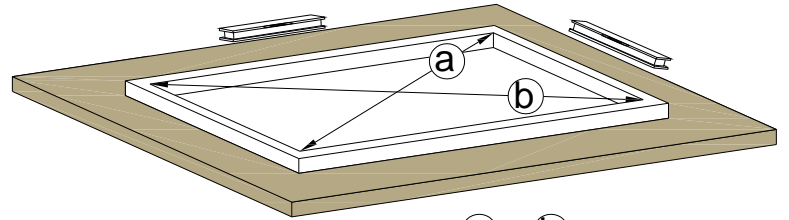


Slide 2xS02 into L18D, positioned 100mm away from each edge.  
Secure S12 using M06 bolts, then rotate the wheels  
to ensure free movement.

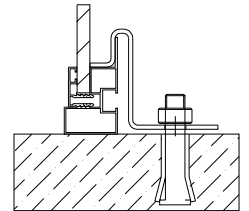
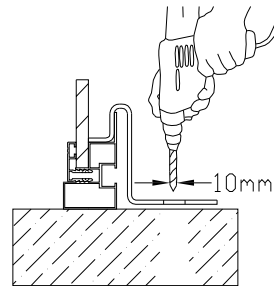




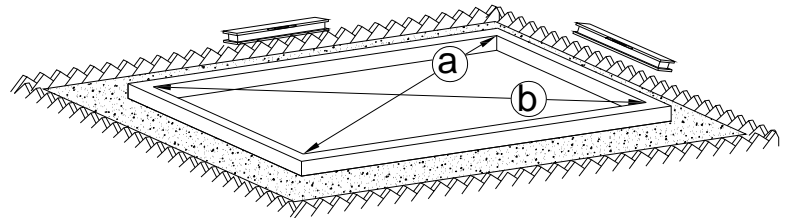
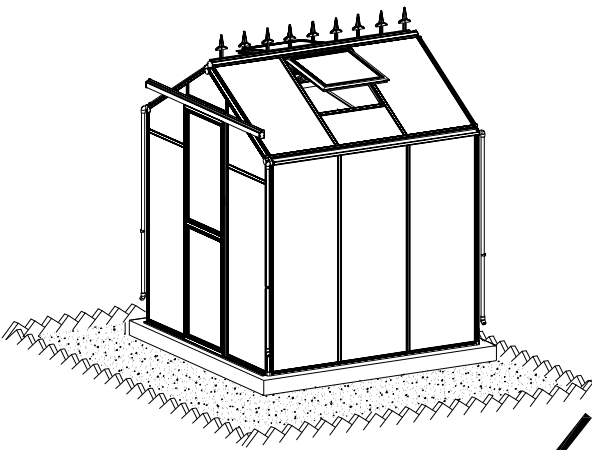
It is essential the dimensions  $a + b$  are the same to ensure the base is square.



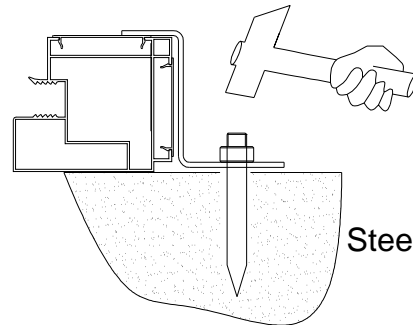
$a = b$



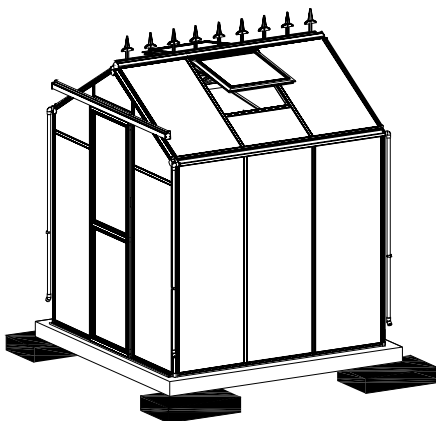
Expansion bolt  
in concrete



$a = b$



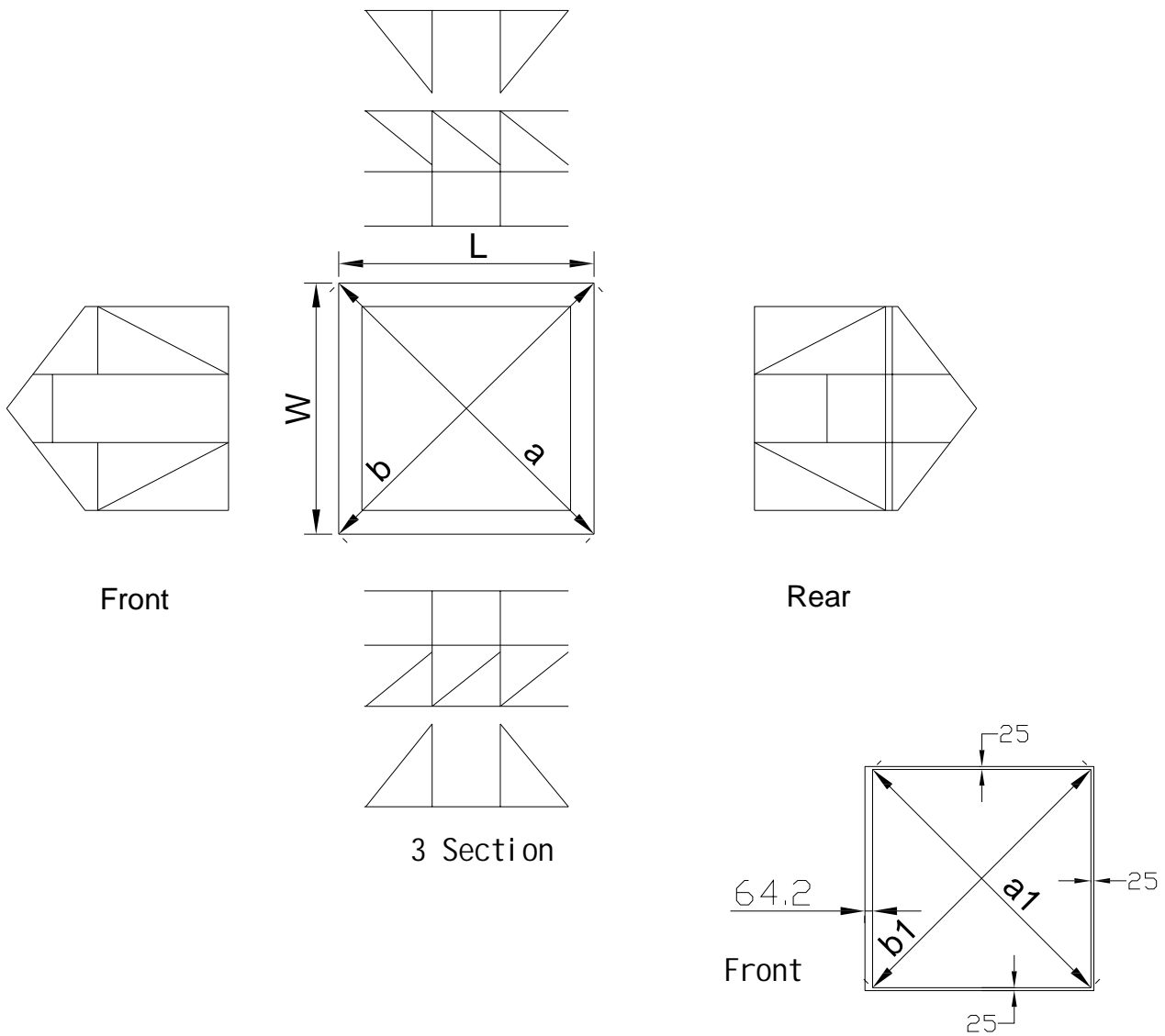
Steel pegs in soil



Support at the corners only is inadequate.



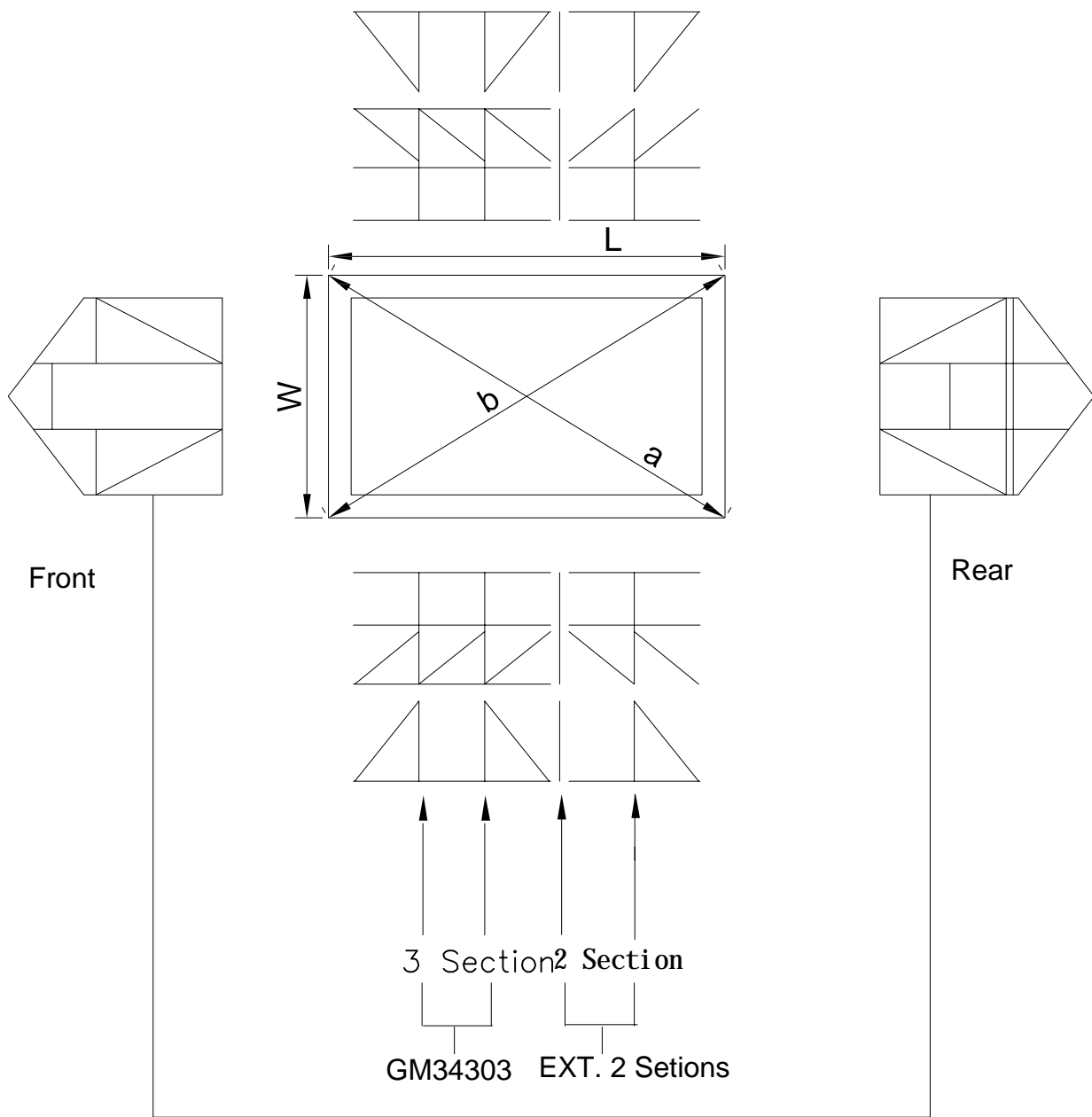
# GM34303



产品型号 代码	GM34303	GM34305	GM34307	GM34309	GM34311	etc.
$W_{(mm)}$	1910.7	1910.7	1910.7	1910.7	1910.7	
$L_{(mm)}$	1949.9	3184.9	4419.9	5654.9	6889.9	
$a=b_{(mm)}$	2730	3714.1	4815.2	5969	7149.9	
$a_1=b_1_{(mm)}$	2642	3598	4670	5794.1	6944.9	

- \*  $W$ = 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

# GM34305













# GM34305

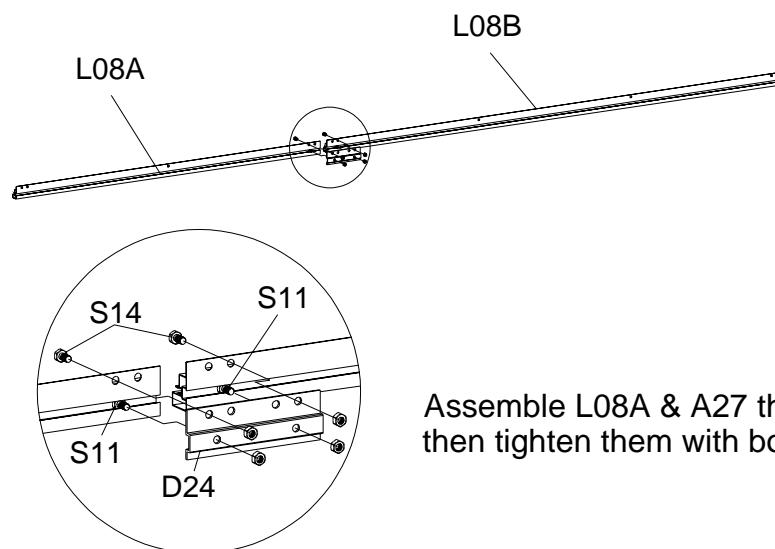
\* The basic model, GM34303, can be easily extended by adding '2 Section Assembly' each time for a longer size.



# Attention:

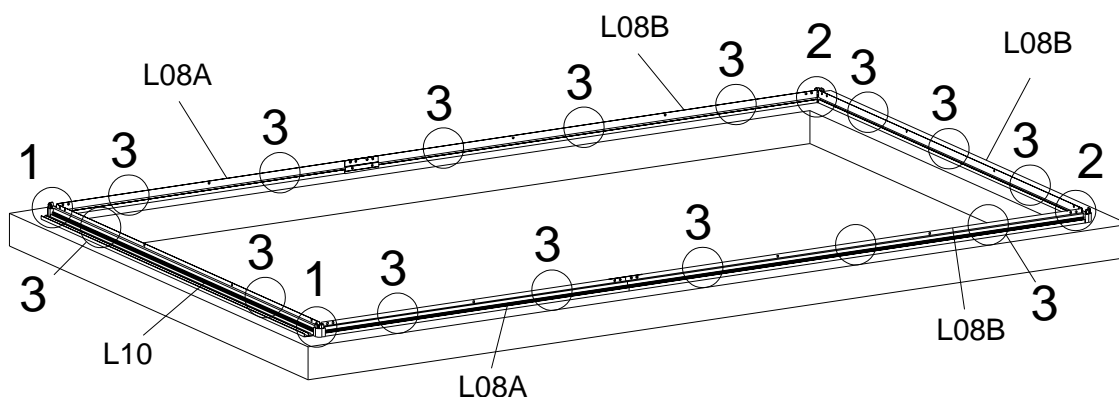
the following steps are assembly example for GM34305 (GM34303 + one EXT.2 Sections). If you only buy the basic GM34303, there will be only L08B, without L08A. If your greenhouse consists of more than one extension module, then you will have more D24 joining plates to join the L08B and A's.

PART	NO	QTY
	L08A	2
	L08B	3
	L10	1
	D07	15
	D24	2
	J11	4
	S08 M8X60	15
	S11 M6X20	4
	S14 M6X10	8
	M03 M6	12

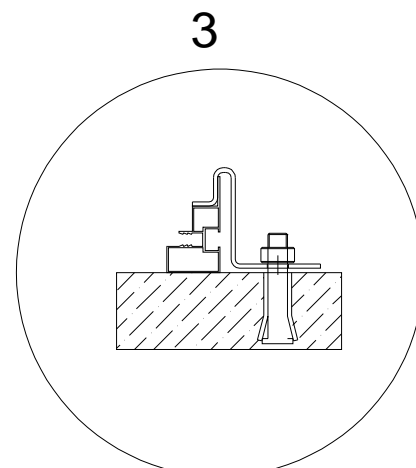
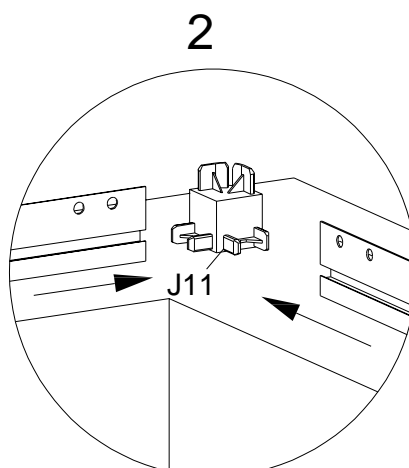
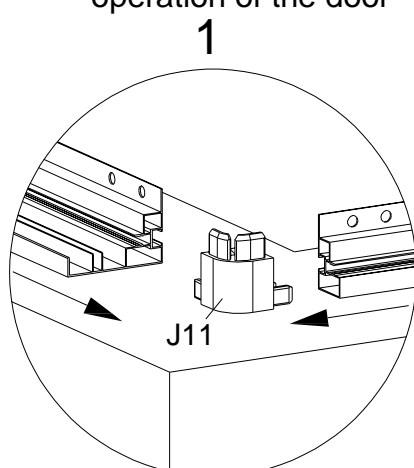











Assemble L08A & A27 through D24, then tighten them with bolts and nuts.

First lay out the cills, connectors and anchor brackets approximately in place.

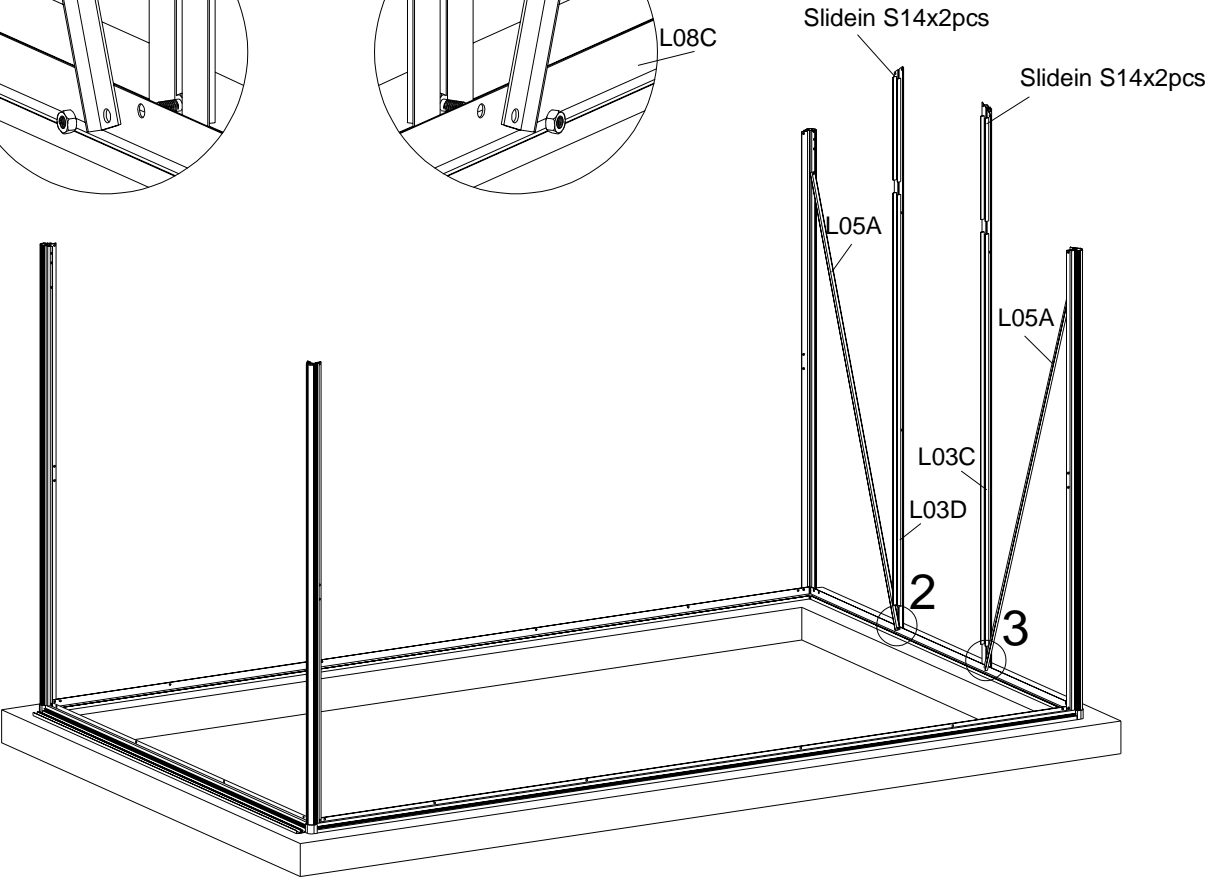
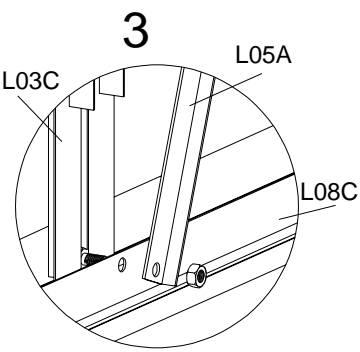
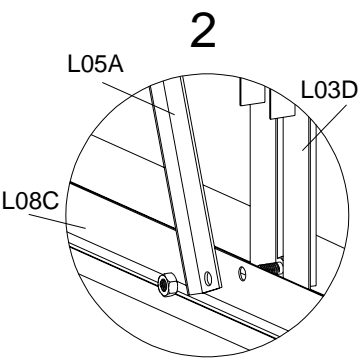
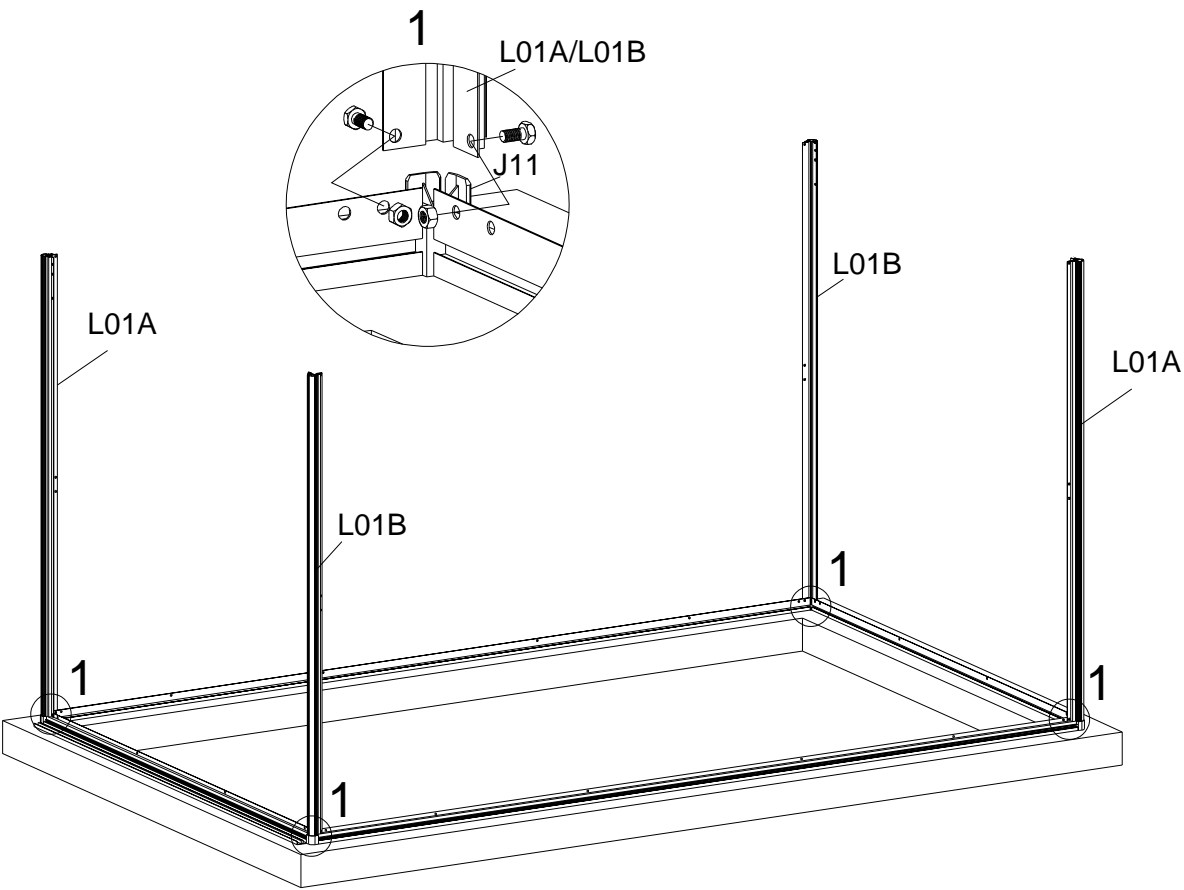








\* It is essential that the L10 door cill is flat and level to ensure the smooth operation of the door

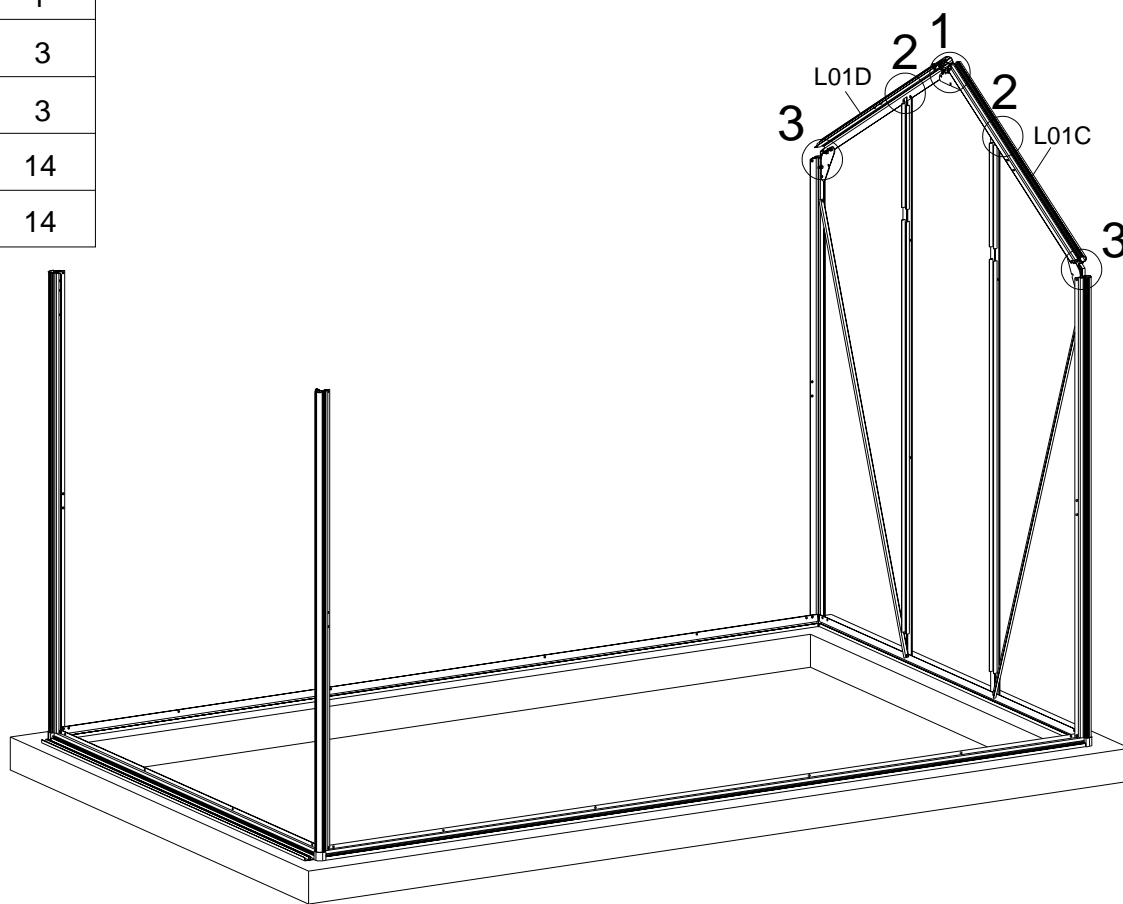


PART	NO	QTY
	L01A	2
	L01B	2
	L03C	1
	L03D	1
	L05A	2
	S14	14
	M6X10	
	M03	
	M6	14

Install the corner posts as shown and secure with the nuts & bolts provided.

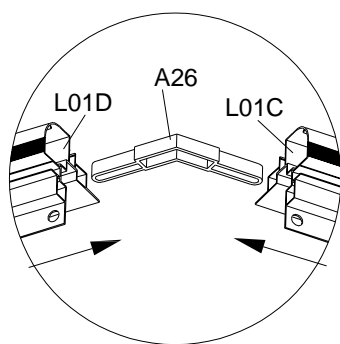


PART	NO	QTY
	L01C	1
	L01D	1
	A26	3
	D17	3
	S14 M6X10	14
	M03 M6	14

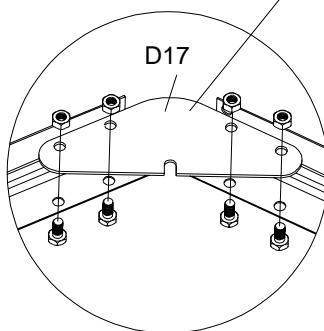


Install L01C and L01D using connector A26 and part D17, then tighten them with the nuts and bolts provided.

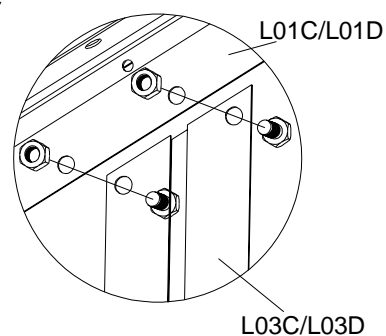
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View from inside

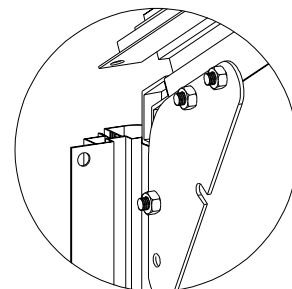
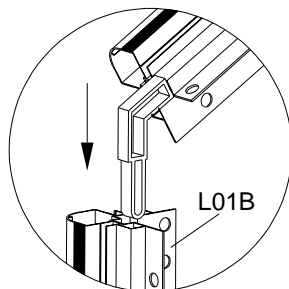
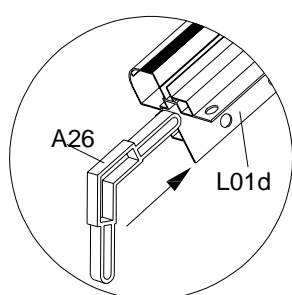







2



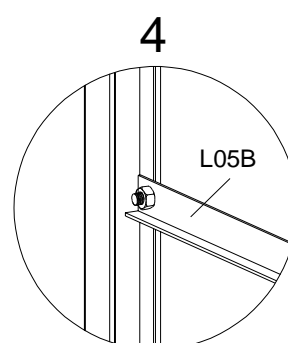
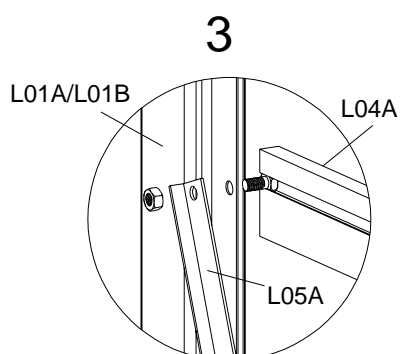
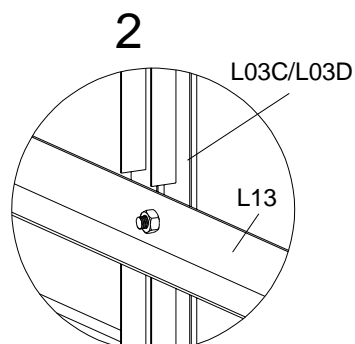
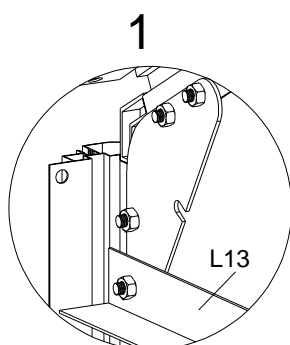
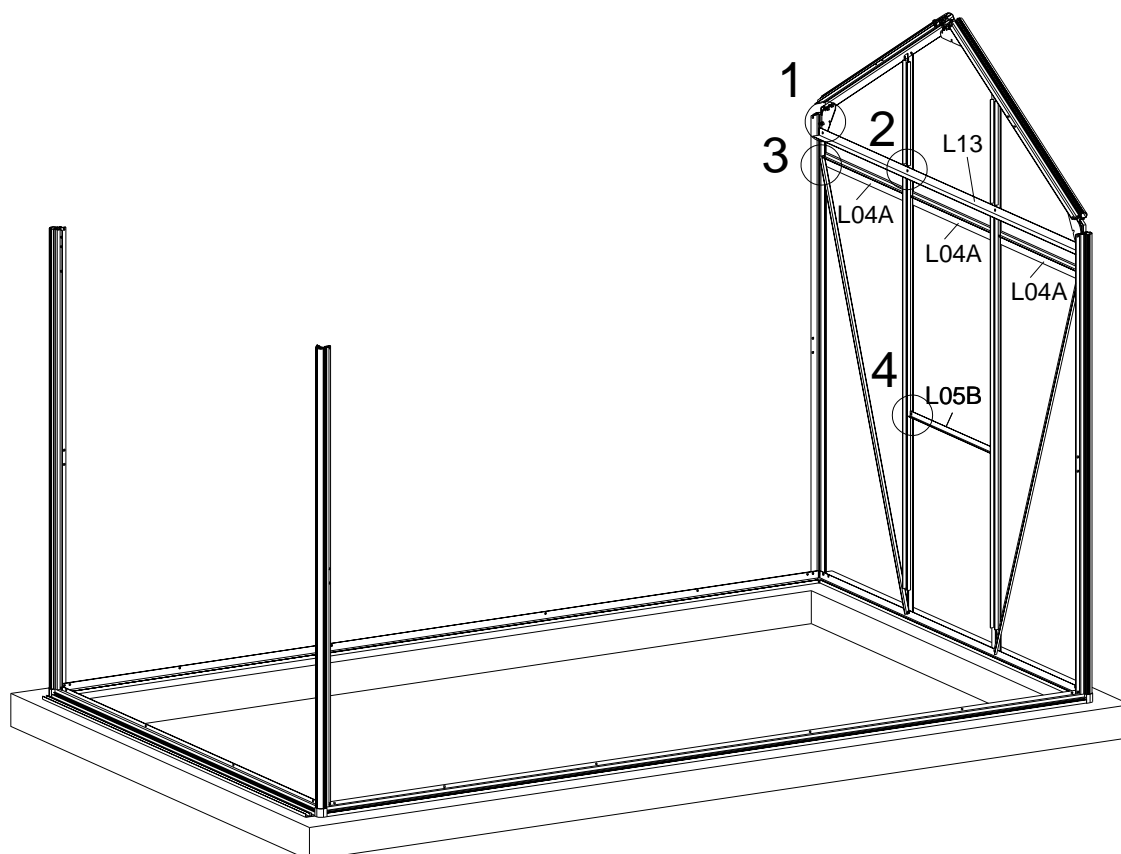
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








Connect L01B to L01D and L01A to L01C using connector A26 and part D17, then tighten them with the nuts and bolts provided.



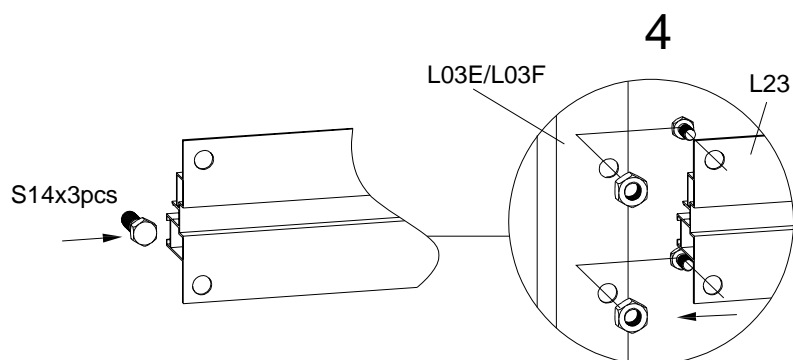
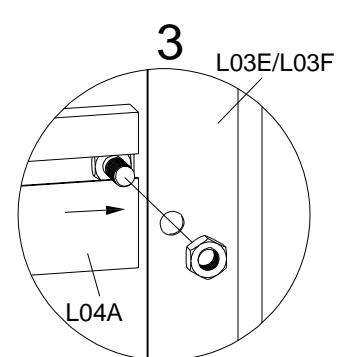
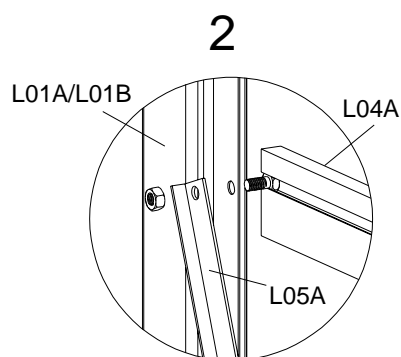
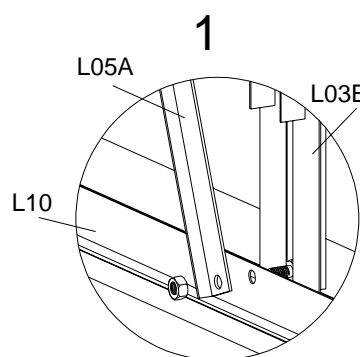
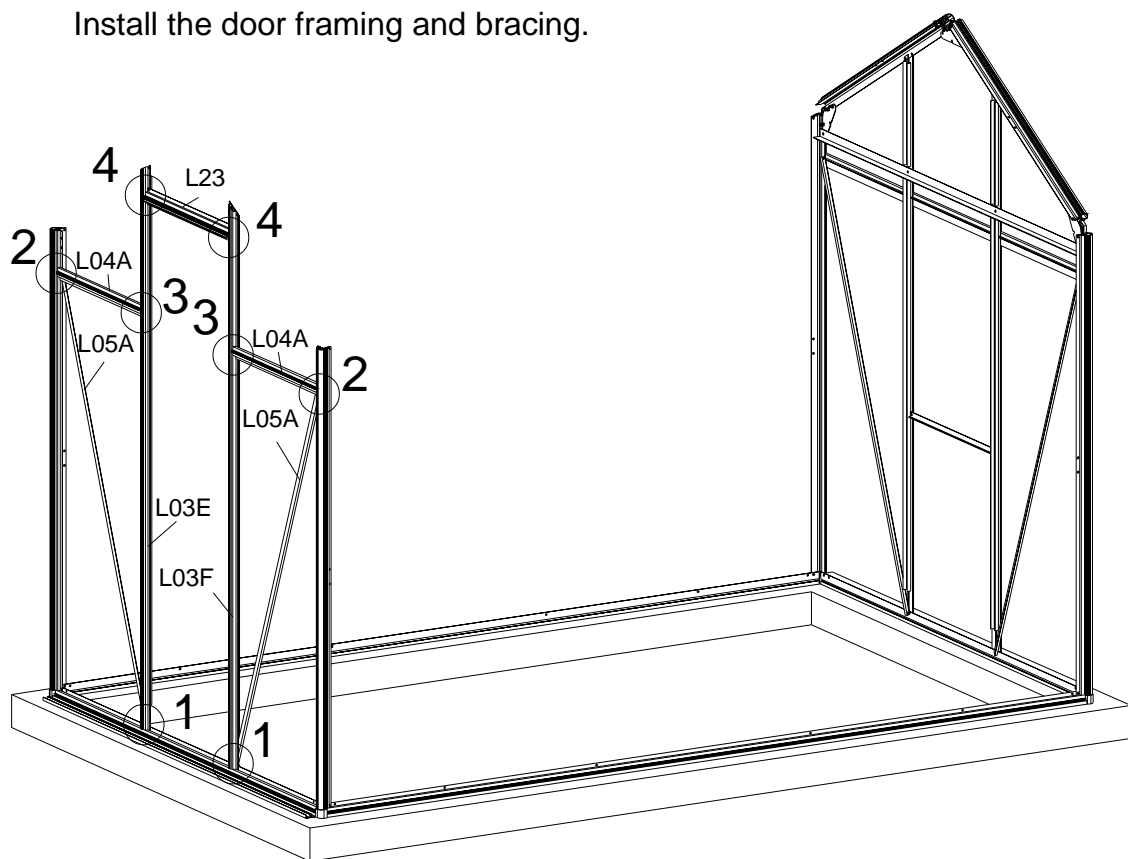
PART	NO	QTY
	L04A	3
	L05B	1
	L13	1
	S14 M6X10	8
	M03 M6	8









Install L13 horizontal braces in the rear wall.  
Then install L04A & L05B with the nuts & bolts provided.  
Remember to bolt the L05B brace in place when installing L04A.



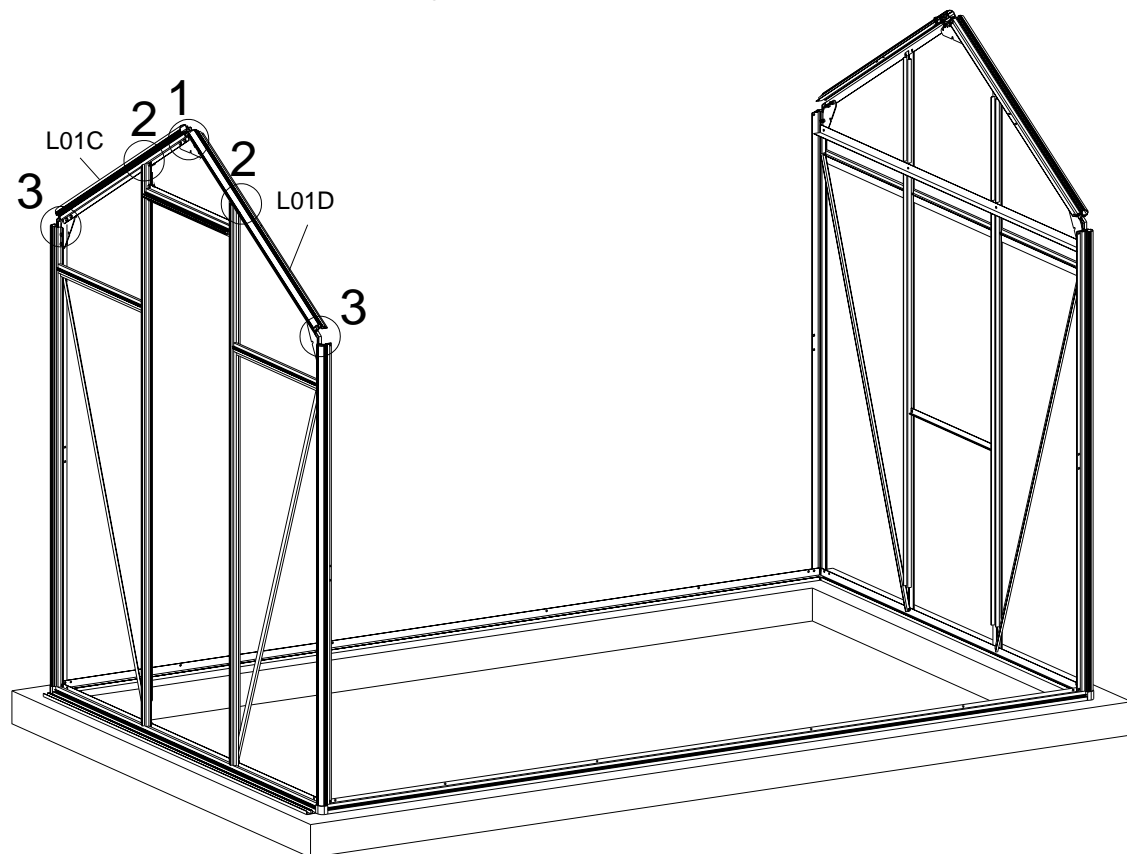
PART	NO	QTY
	L03E	1
	L03F	1
	L04A	2
	L05A	2
	L23	1
	S14	10
	M6X10	
	M03	
	M6	10

Install the door framing and bracing.

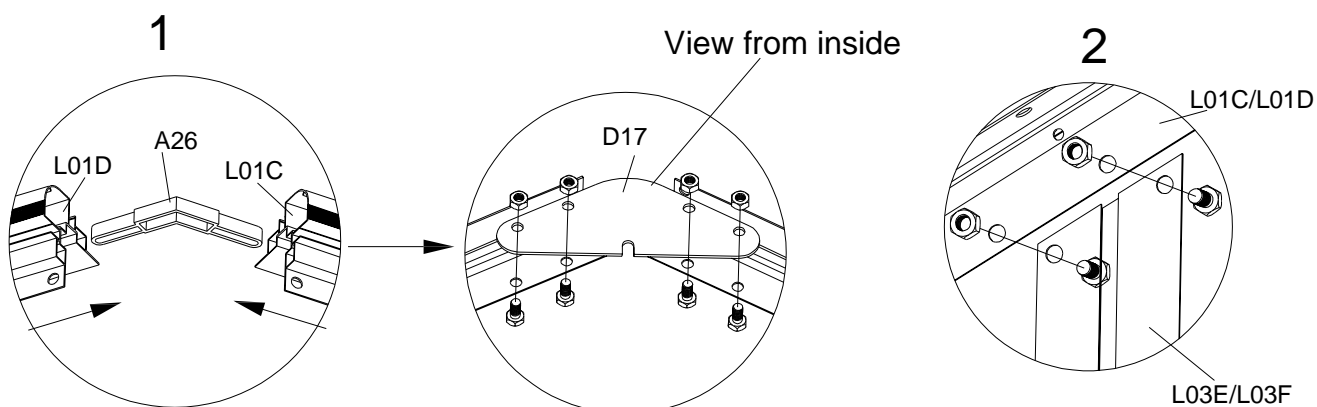


PART	NO	QTY
	L01C	1
	L01D	1
	A26	3
	D17	3
	S14	16
	M6X10	
	M03	16
	M6	

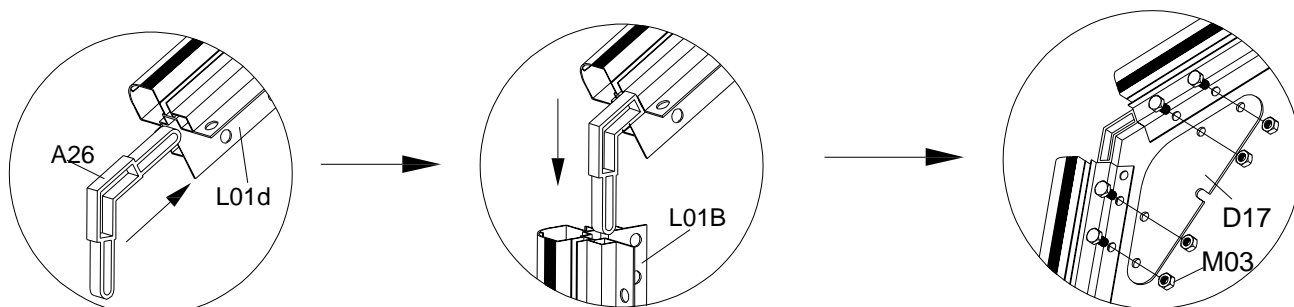
\* During construction please ensure you temporarily support the front and rear wall framing until the structure is complete.



Install L01C and L01D using connector A26 and part D17, then tighten them with the nuts and bolts provided.

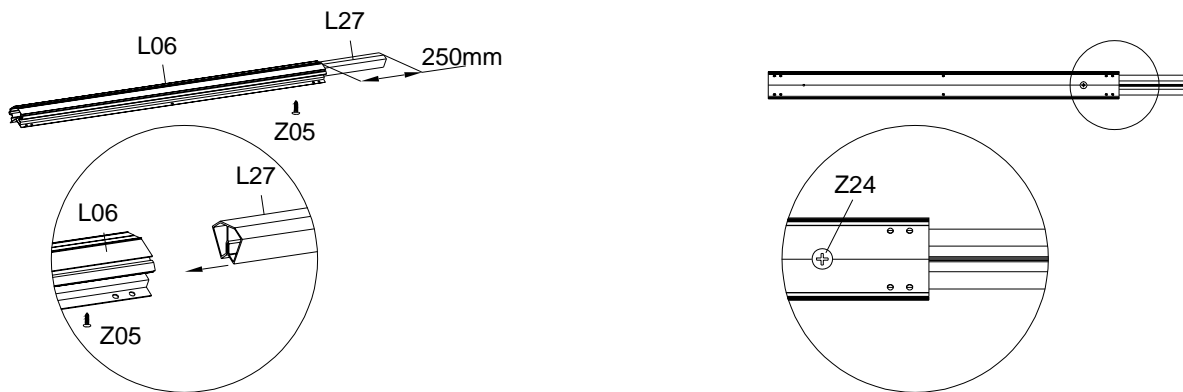


3 Connect L01B to L01D and L01A to L01C using connector A26 and part D17, then tighten them with the nuts and bolts provided.

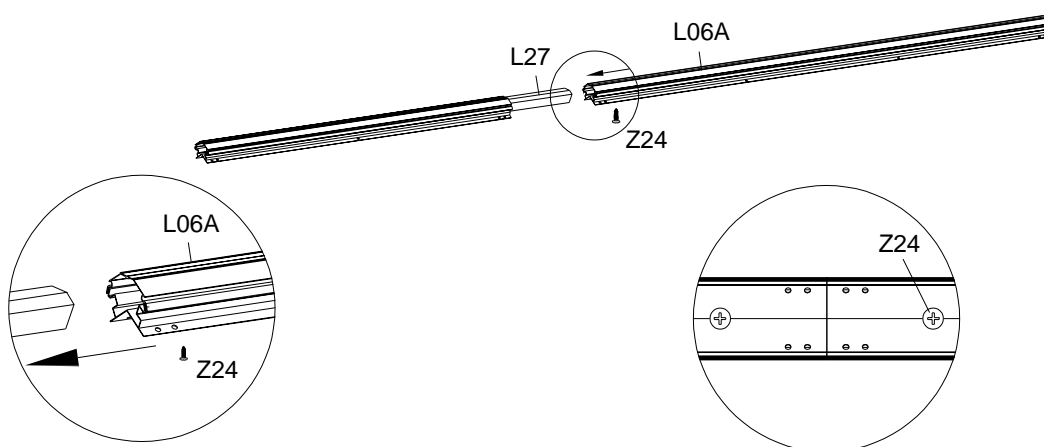


## Attention:

If you only buy the basic GM34303, there will be only L06A, without L06. If your greenhouse consists of more than one extension module, then you will have more L27 & L06 to extend.

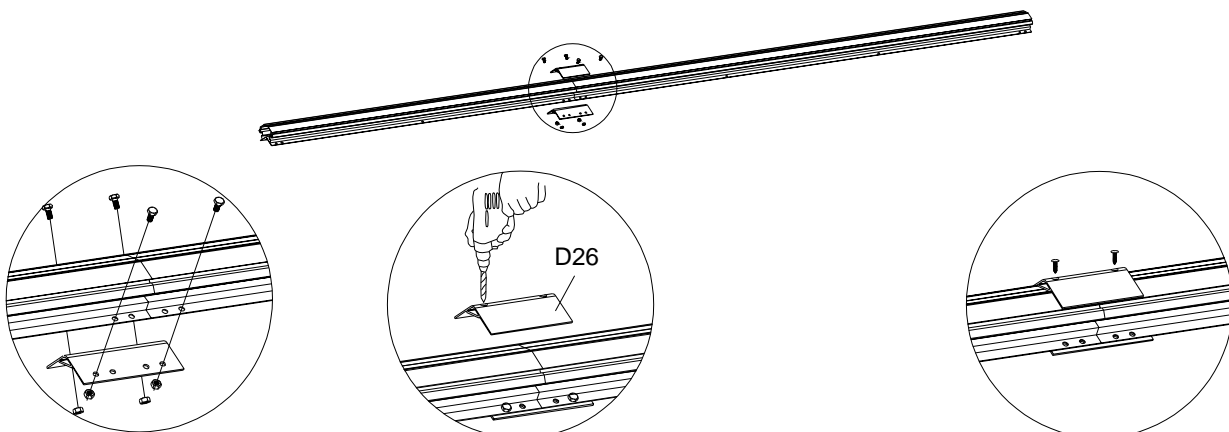


Insert half part of L27 into L06, leaving 250mm length of L27. Then secure L27 and L06 with Z05.



PART	NO	QTY
	L06	1
	L06A	1
	L27	1
	D26	1
	D27	1
	Z22	2
	Z24	
	M5X25	2
	S14	4
	M6X10	
	M03	4
	M6	

Insert another end of L27 into L06A, and ensure the junction works properly. Then secure them with Z24.

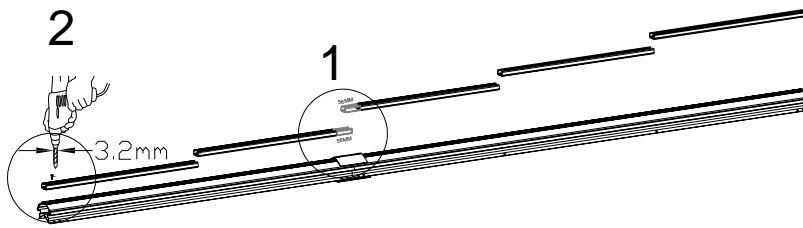


Assemble L06A & L06 through D27 with bolts and nuts.

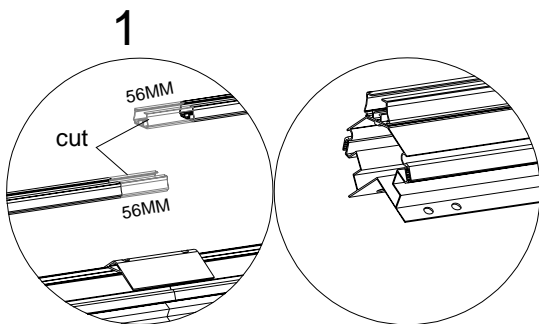
Put D26 on the junction of L06A & L06, then drill the holes on L06A & L06 through the holes of D26, Dia.3.2mm.

Tighten D26 with Z22.

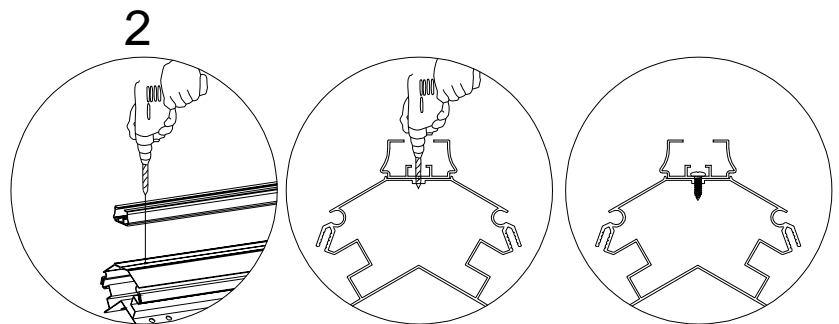
Please follow these steps if your order includes decorative crestring.



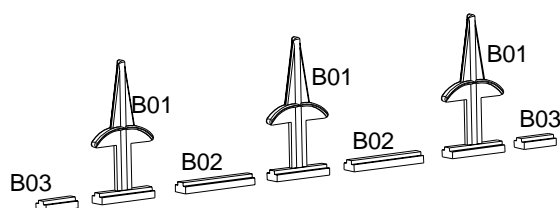
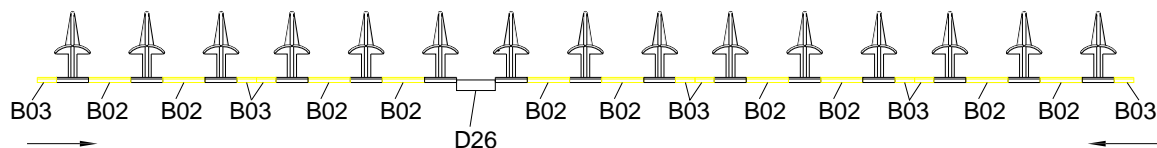
PART	NO	QTY
	L26A	5
	B01	15
	B02	10
	B03	10
	Z08 M4.2X16	4



Cut off 56mm from two profiles, L26, near to D26, and then install all L26 onto L06A & L06, making sure L26 matches the lengths of L06A & L06 (See Fig. above).



Drill one hole on both sides of L26, Dia.3.2mm, 150mm from centre of each L26, through L06A & L06, and then tighten them with Z22 (see Fig. above).

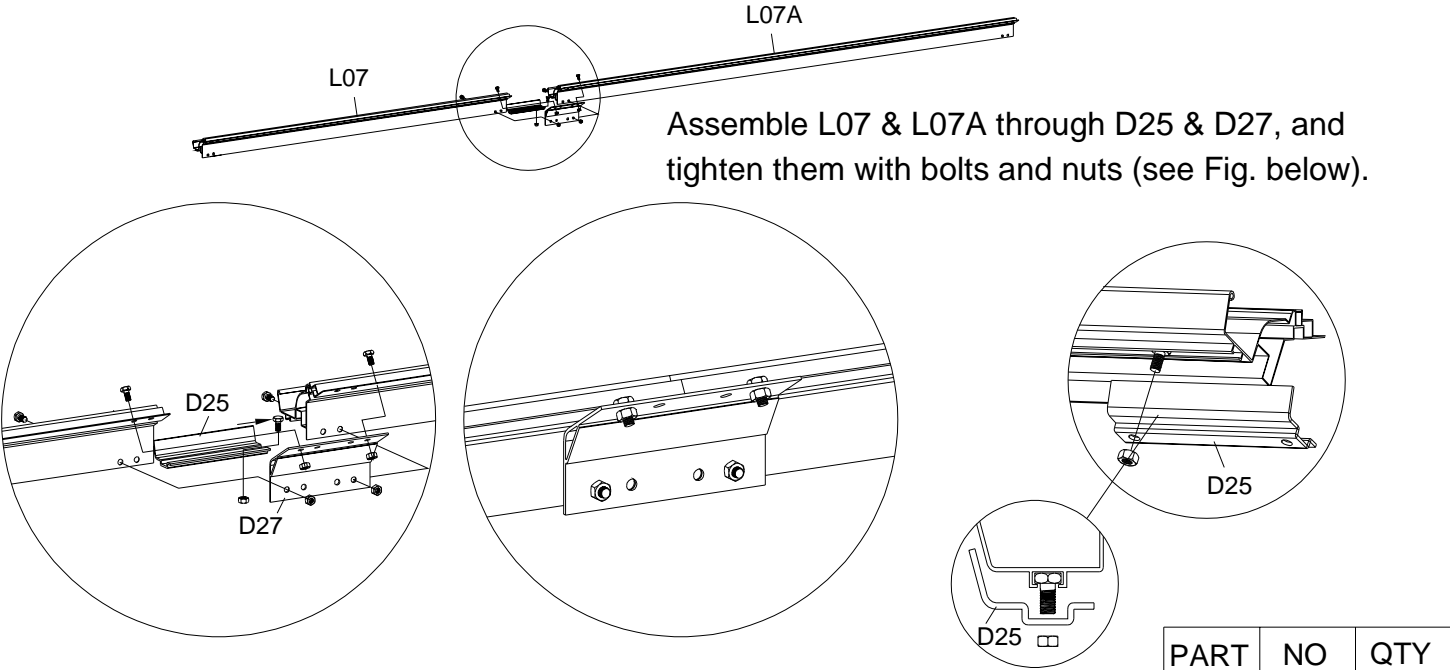


Slide B01, B02 and B03 into each side of L26 in the correct order. Use a rubber mallet if needed.



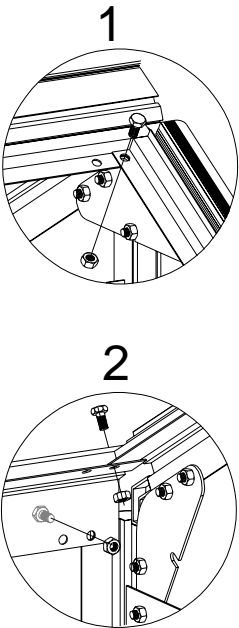
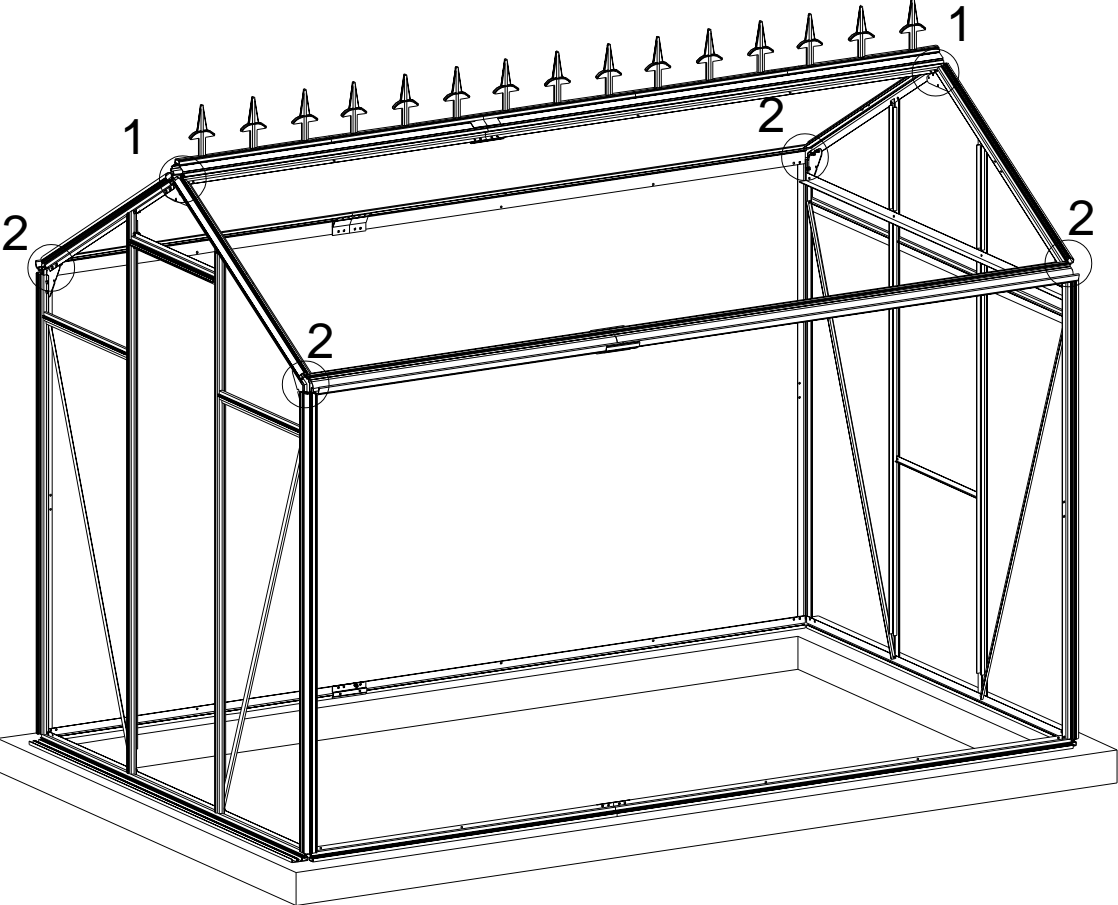
# Attention:

If you only buy the basic GM34303, there will be only L07A, without L07. If your greenhouse consists of more than one extension module, then you will have more L07 to extend.

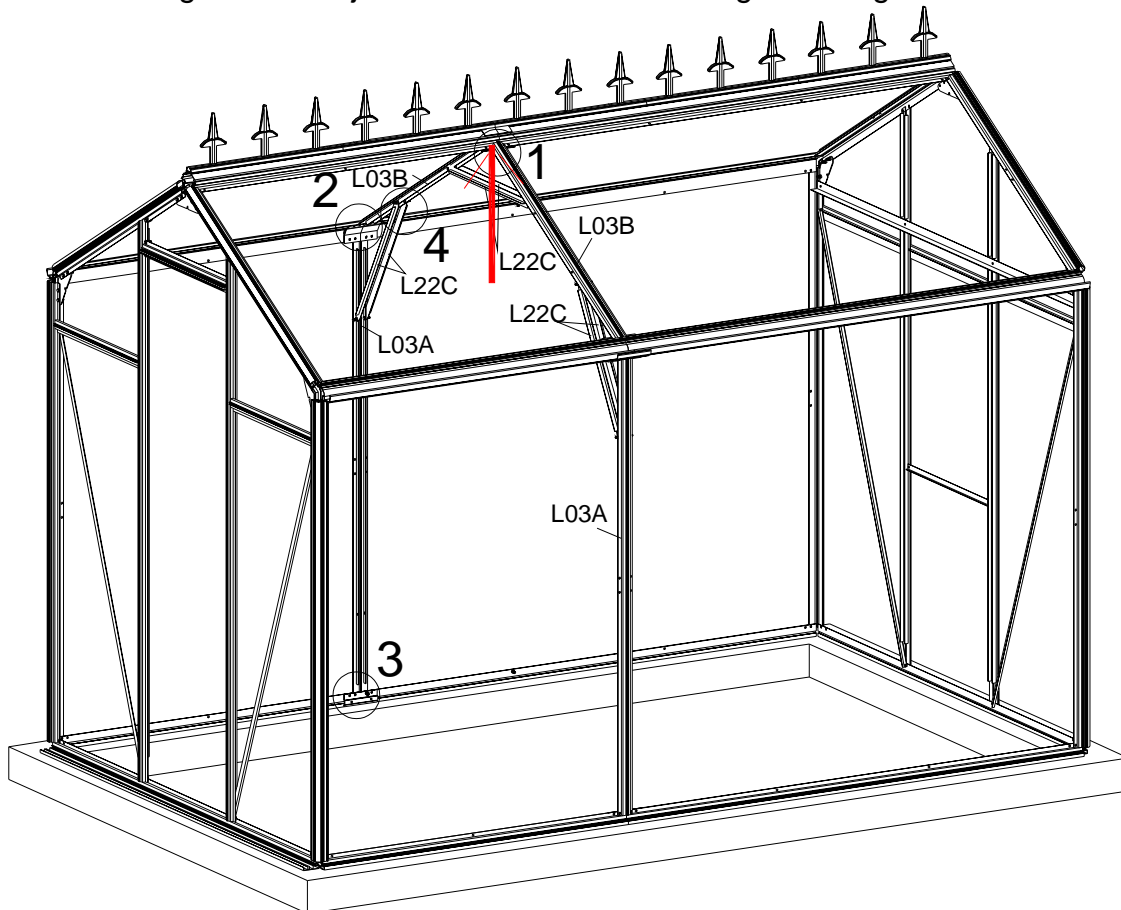


PART	NO	QTY
	L07	2
	L07A	2
	D25	2
	D27	2
	S14 M6X10	24
	M03 M6	24

Install the ridge section with two nuts and bolts at each end.

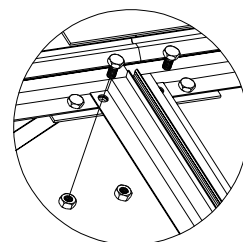


\* When installing the L22C before tightening the nuts and bolts, push up from under the ridge near the joint to ensure the entire ridge is straight.

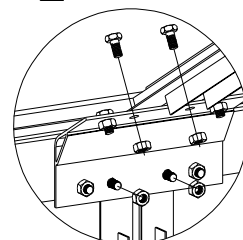


PART	NO	QTY
	L02A	6
	L03A	2
	L03B	2
	L22C	6
	S14 M6X10	46
	M03 M6	46

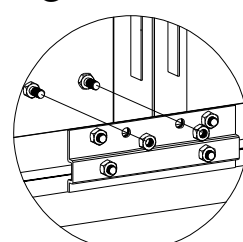
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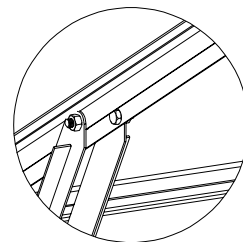
2



3



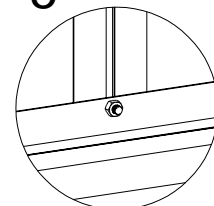
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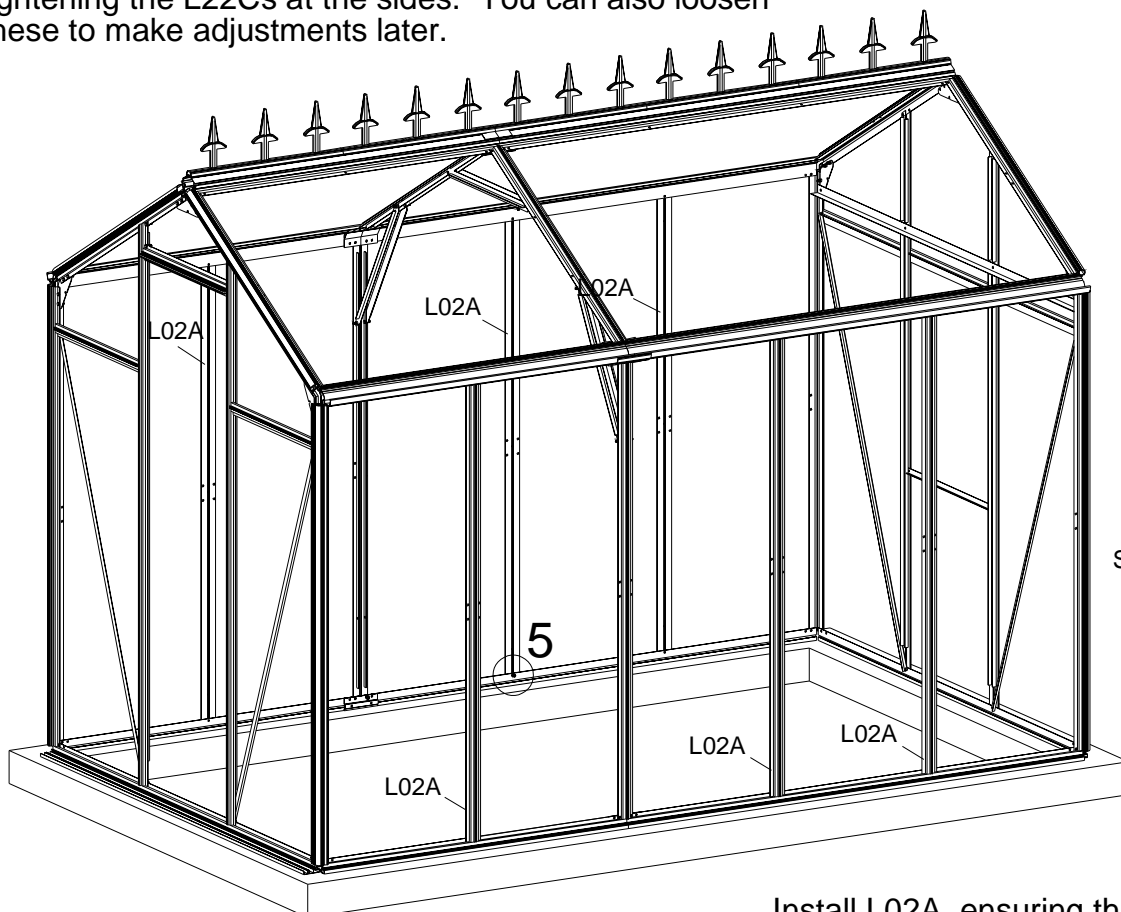
L02A

S14x4pcs

5









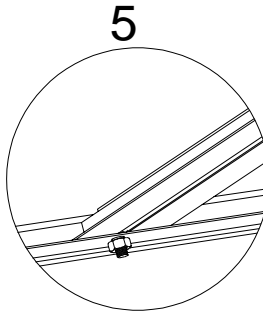
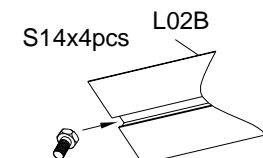
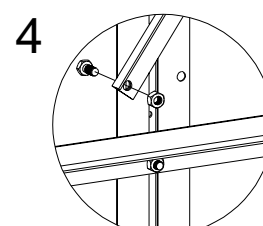
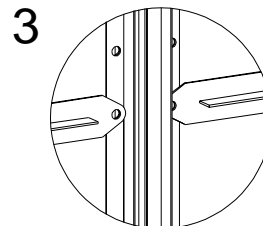
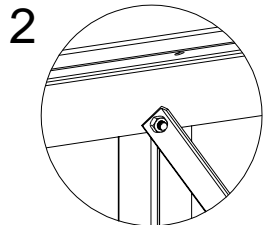
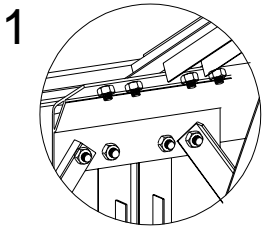
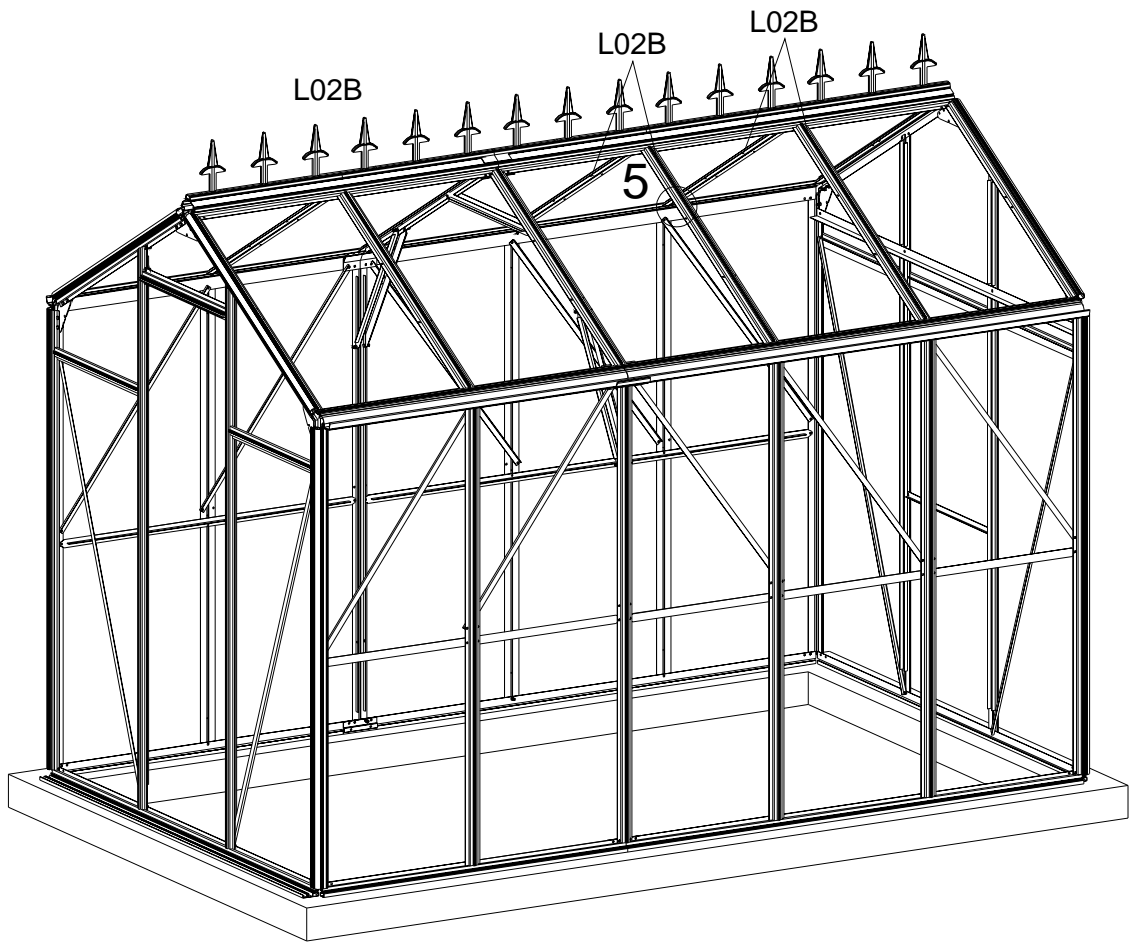
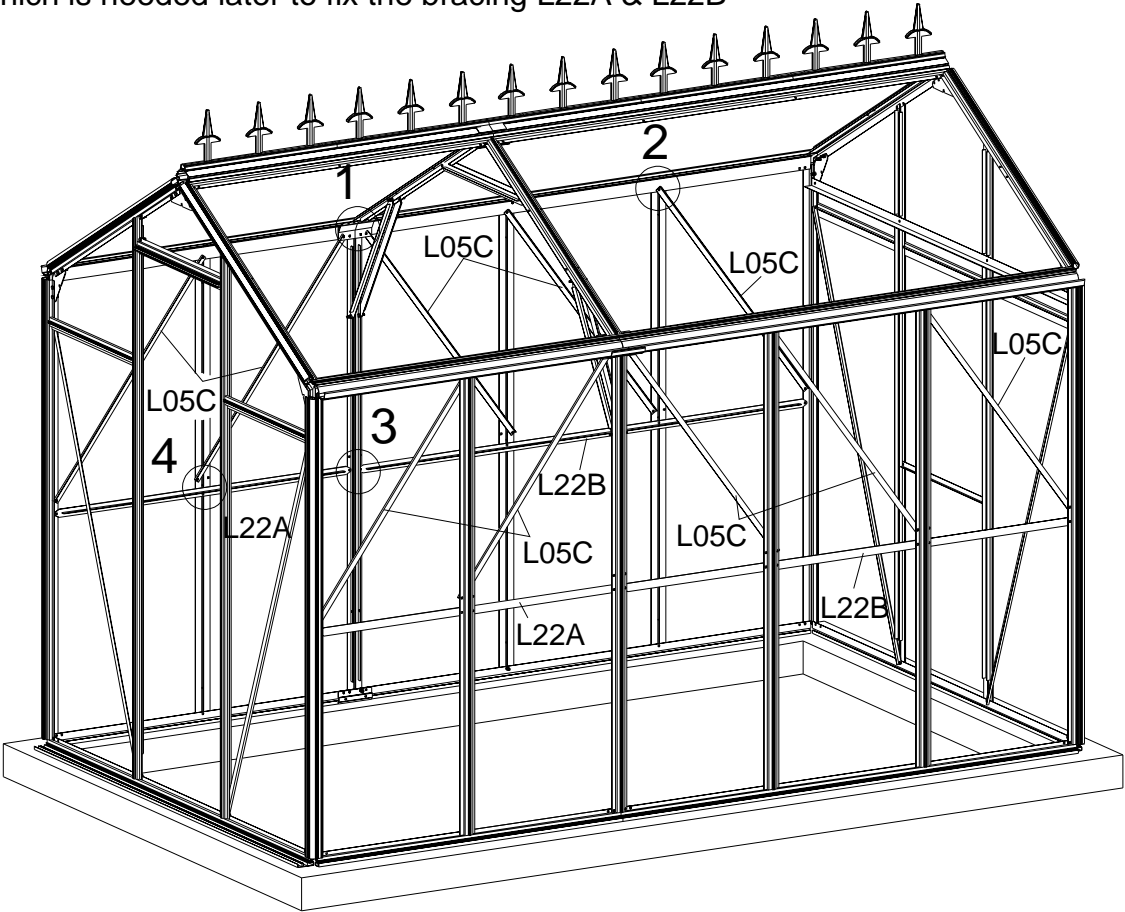
\* Also ensure the eave profiles are running true and straight from end to end before tightening the L22Cs at the sides. You can also loosen these to make adjustments later.










Install L02A, ensuring that you loosely insert 2 extra bolts in the channel, which are needed later to fix the bracing.

Install horizontal & diagonal braces as shown to both sides of the greenhouse, ensuring that you loosely insert 1 extra bolt in the channel, which is needed later to fix the bracing L22A & L22B

PART	NO	QTY
	L02B	6
	L05C	9
	L22A	2
	L22B	2
	S14 M6X10	56
	M03 M6	56



Install L02B, ensuring that you insert 3 extra bolts in the channel, which are needed later to fix the bracing.

PART	NO	QTY
	L04A	4
	L05D	6
	L22	9
	A03	4
	S14 M6X10	38
	S11 M6X20	
	M03 M6	46

Install the L04A vent frame profile and the A03 handle frame profile.

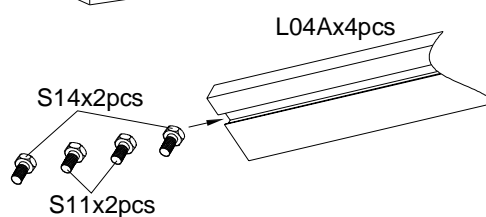
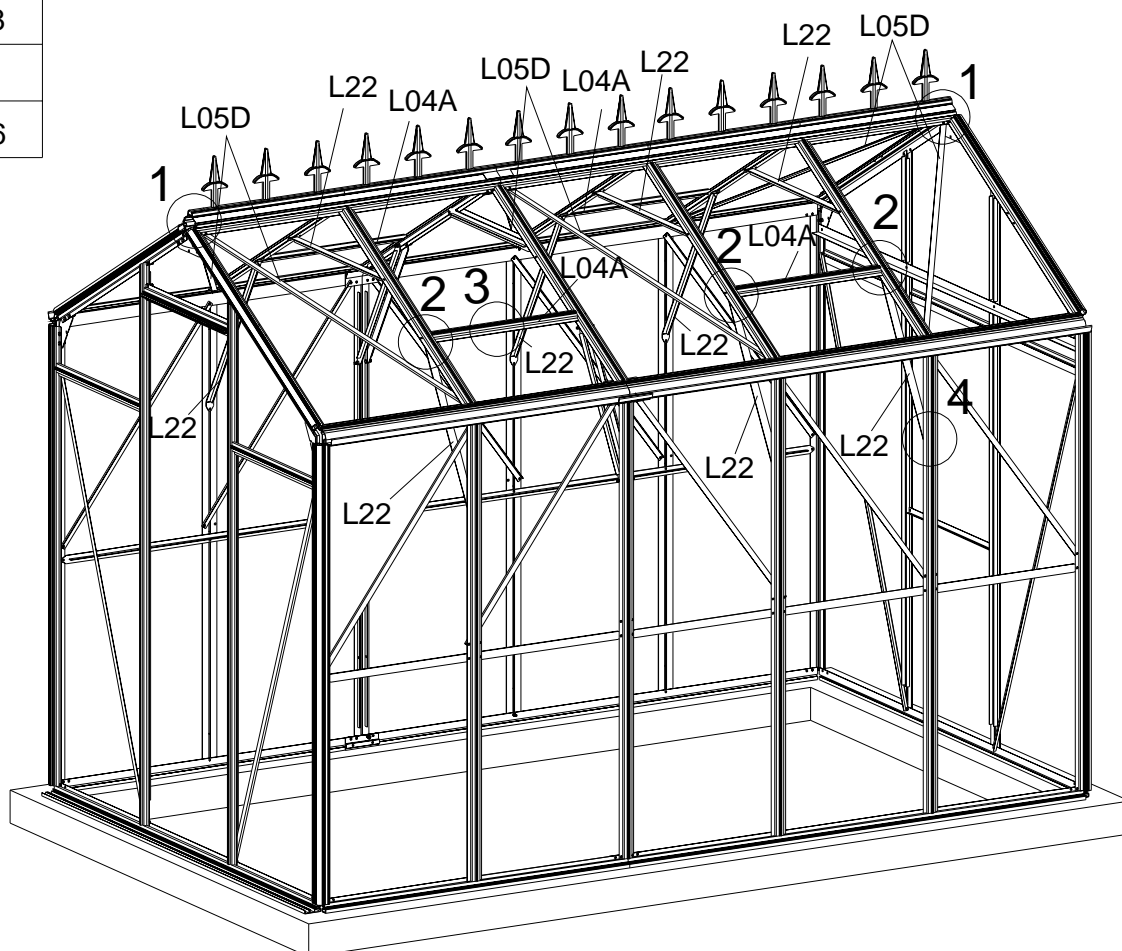
Handle frame A03 is not required if auto openers are installed.

Install L04A and L05D at the same time.

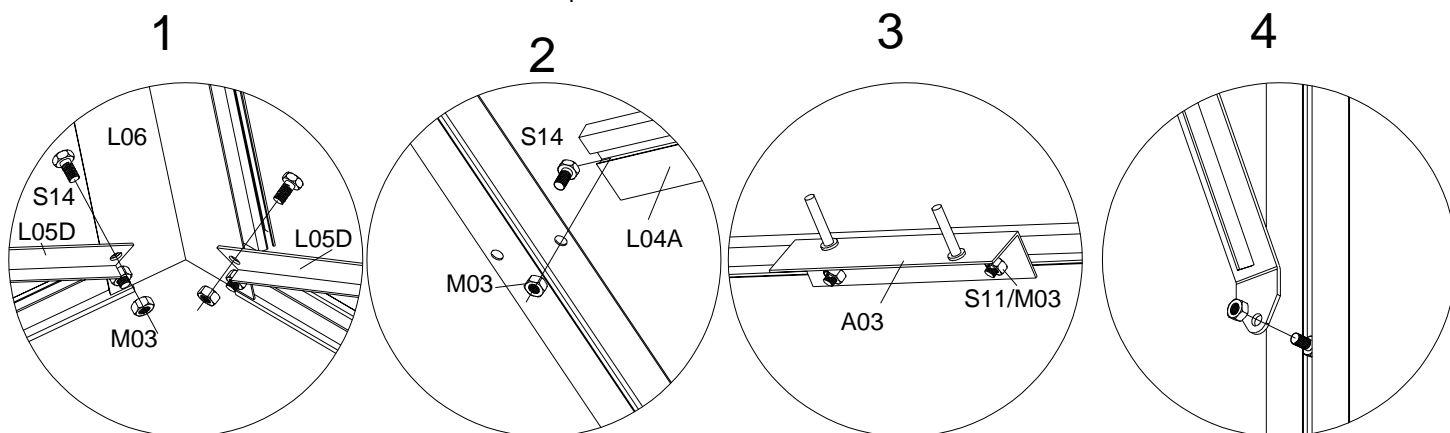
When installing L05D ensure that you leave one bolt in the bolt channel for L22.

Install the L22 ridge and eaves struts.











The L22 struts are fitted horizontally at the ridge and diagonally at the eaves.

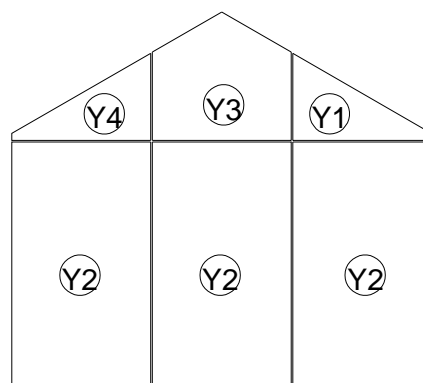
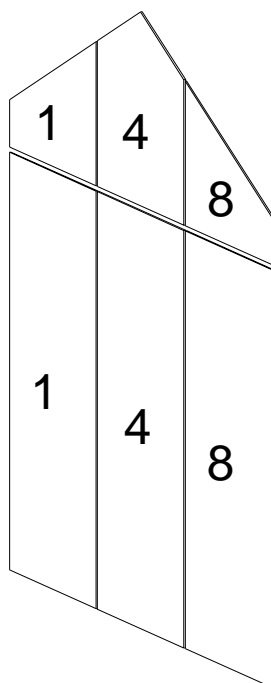
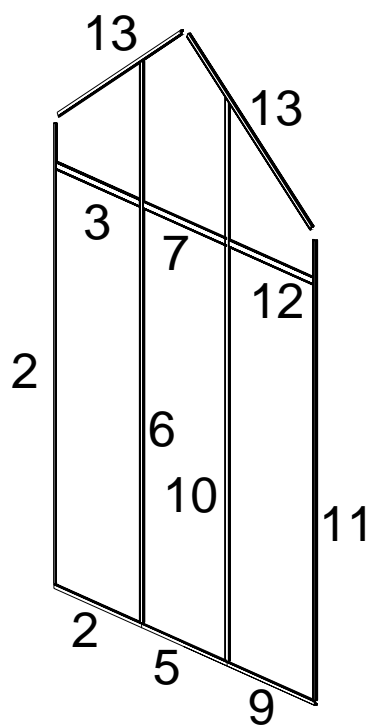
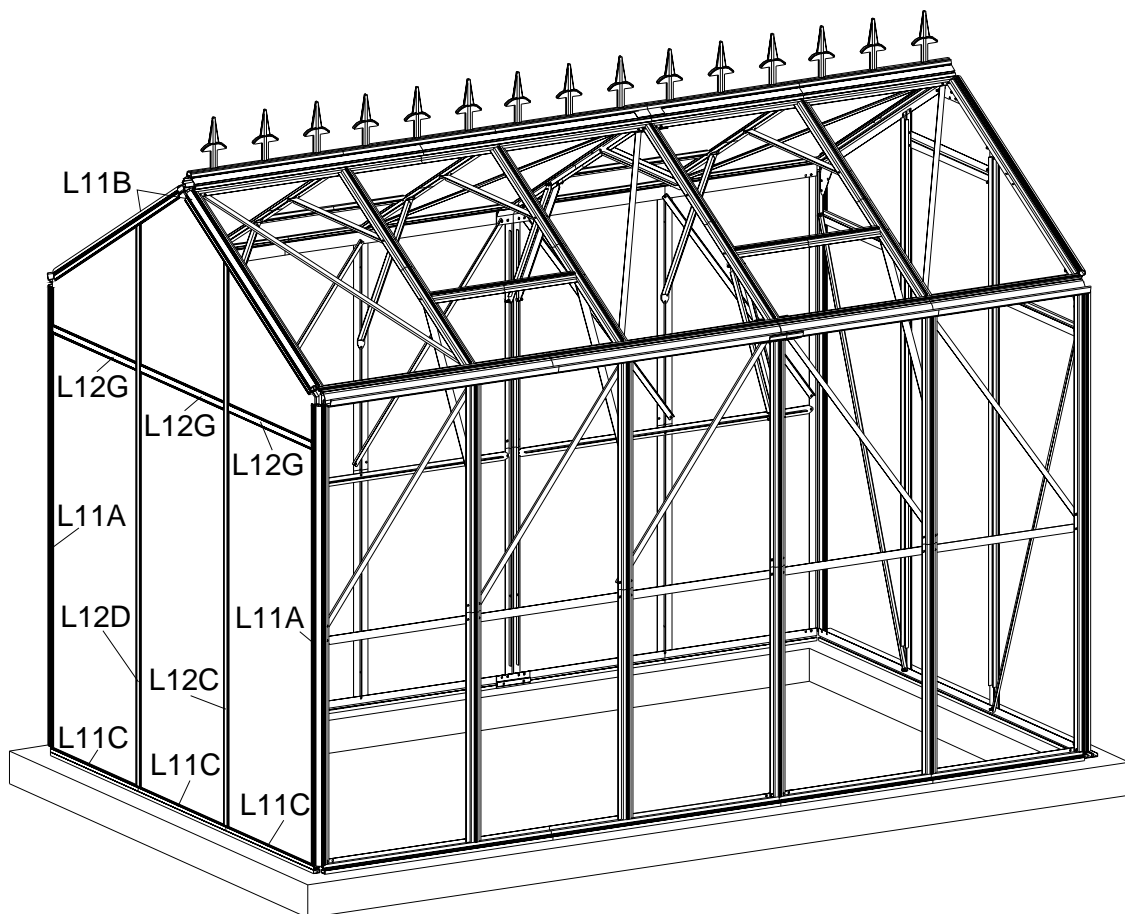


Ensure 2 bolts are inserted in the bolt channel for the A03 handle.

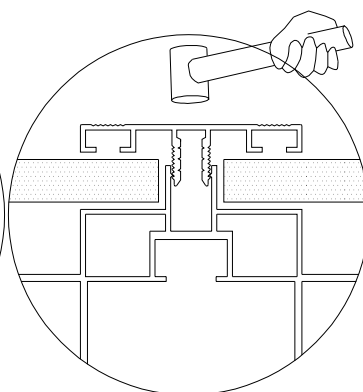
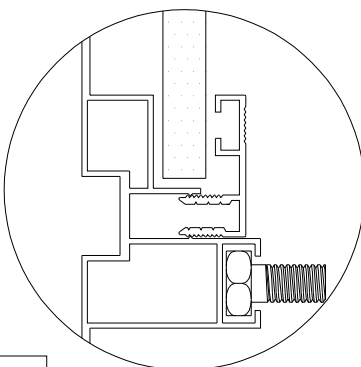
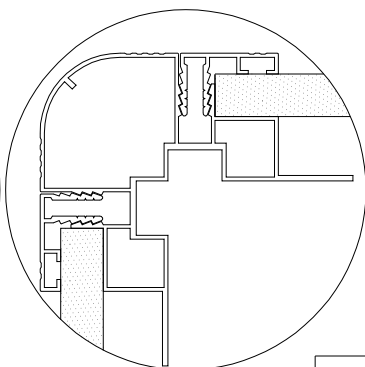
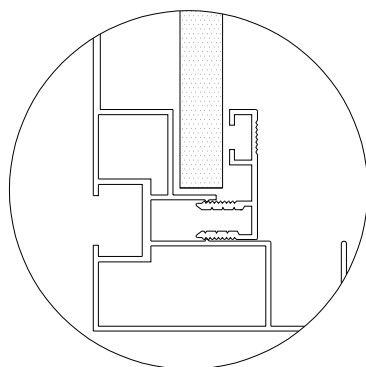













The frame is now complete. Once you start the glazing ensure that you complete it.  
Do not leave the greenhouse half glazed as this may cause damage.

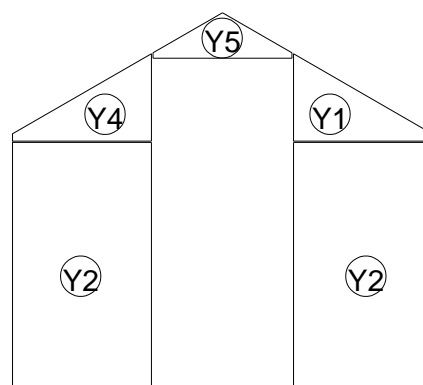
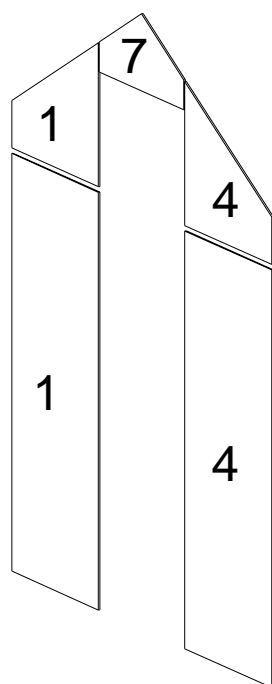
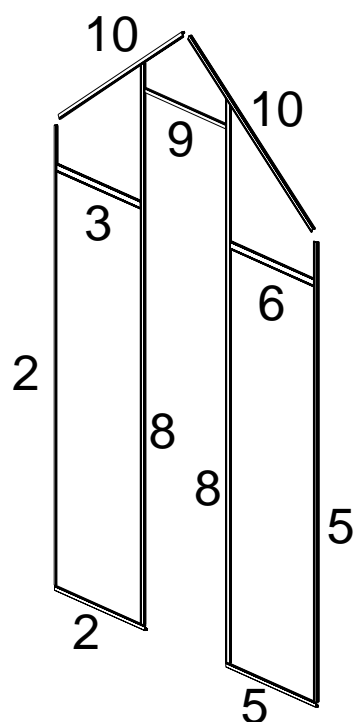
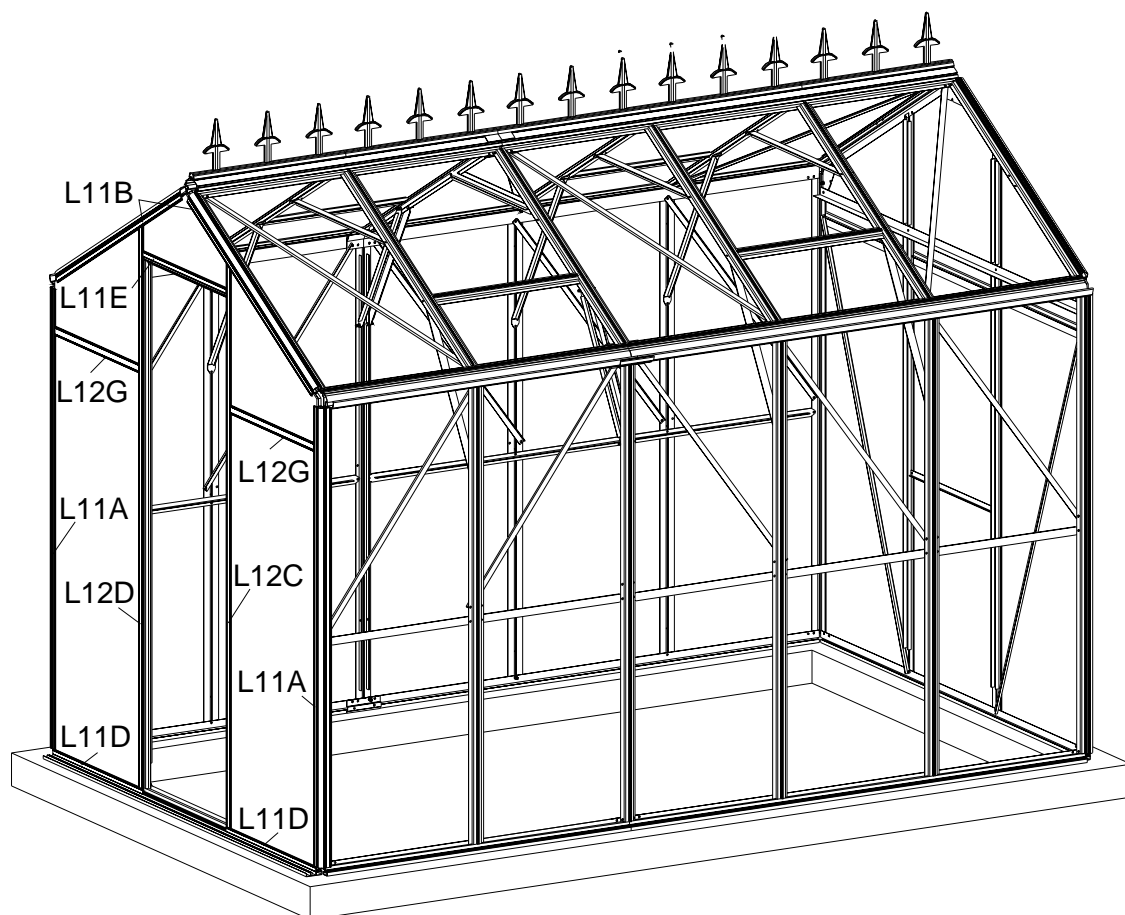
PART	NO	QTY
	L11A	2
	L11B	2
	L11C	3
	L12C	1
	L12D	1
	L12G	3
	Y1	1
	Y2	3
	Y3	1
	Y4	1



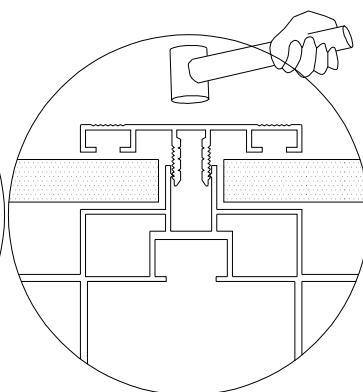
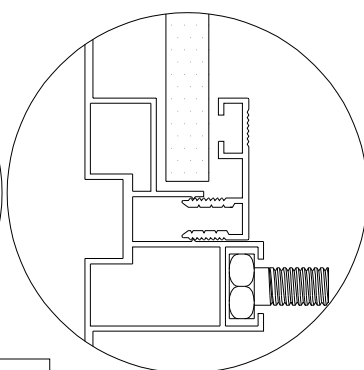
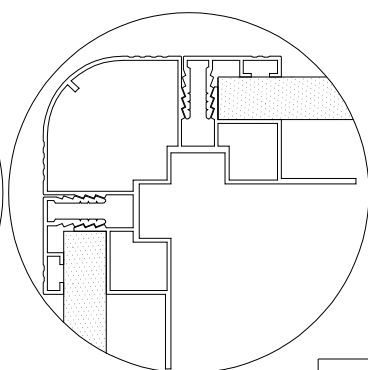
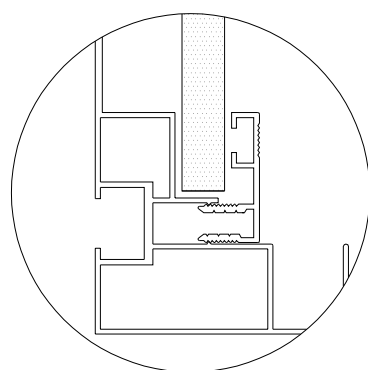
First the glazing panels should be loosely retained by the bar capping profiles as shown in the detail drawings. Next tap the bar capping gently into position with a rubber mallet.







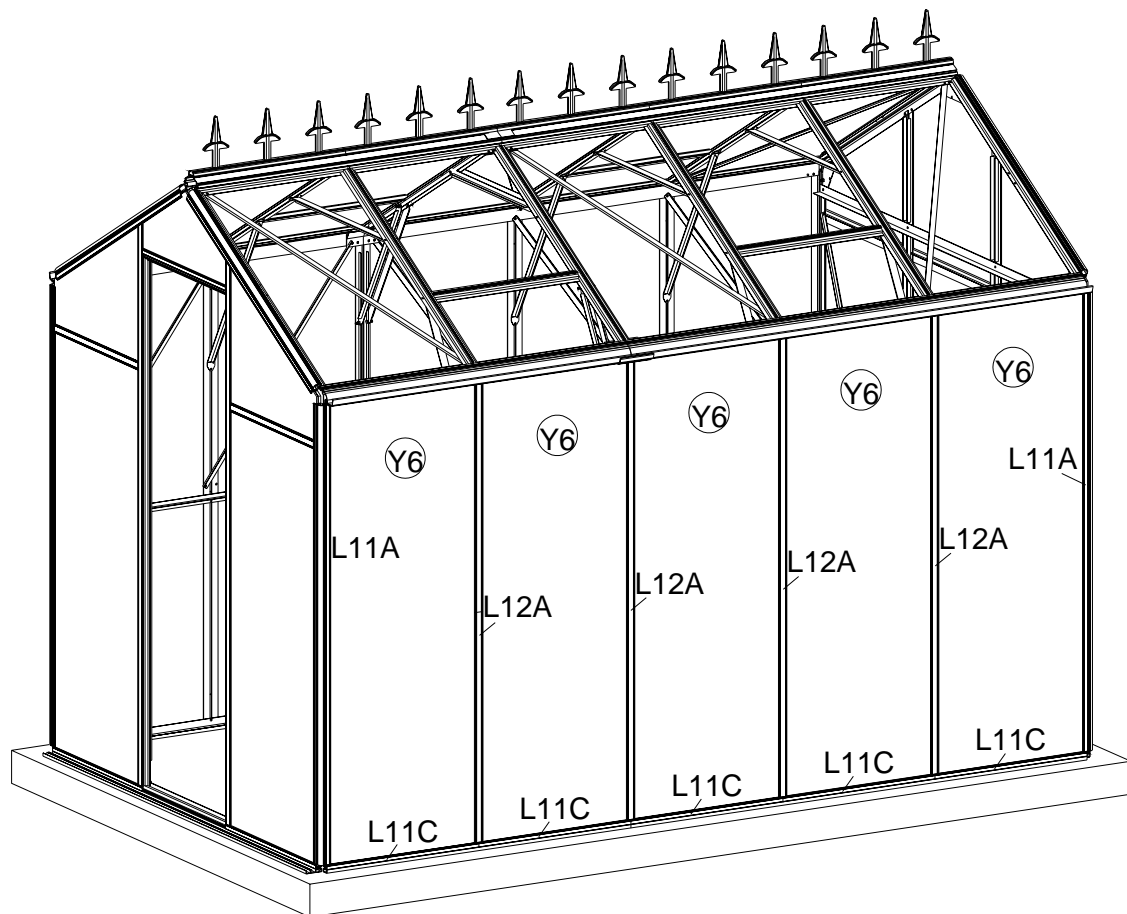
PART	NO	QTY
	L11A	2
	L11B	2
	L11D	2
	L11E	1
	L12C	1
	L12D	1
	L12G	2
	Y1	1
	Y2	2
	Y4	1
	Y5	1



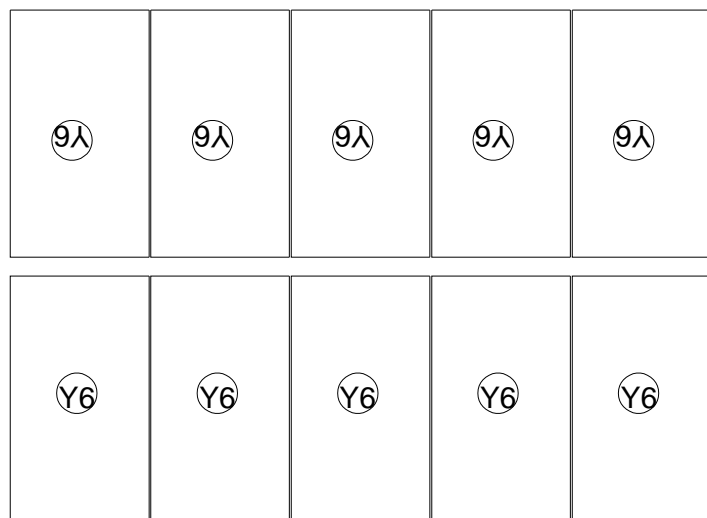
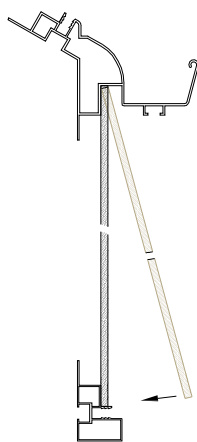
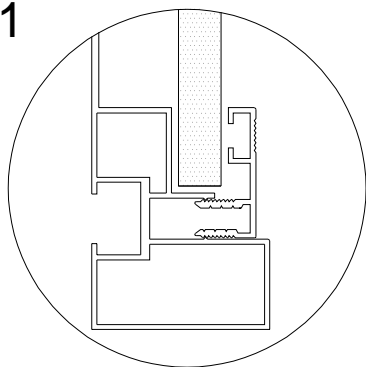
First the glazing panels should be loosely retained by the bar capping profiles as shown in the detail drawings. Next tap the bar capping gently into position with a rubber mallet.



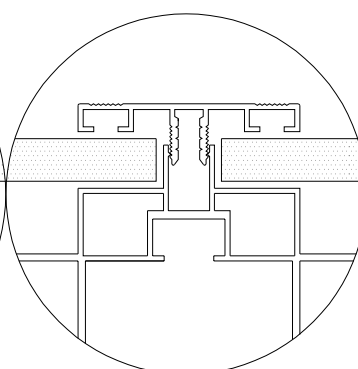
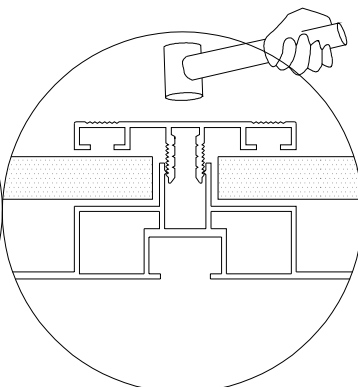
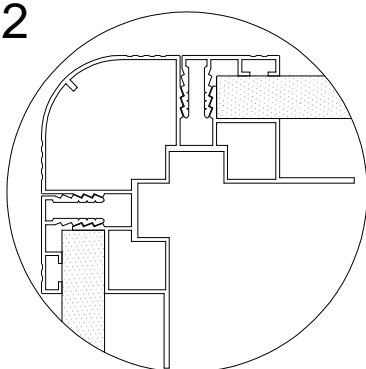
PART	NO	QTY
	L11A	4
	L11C	10
	L12A	8
	Y6	10





1

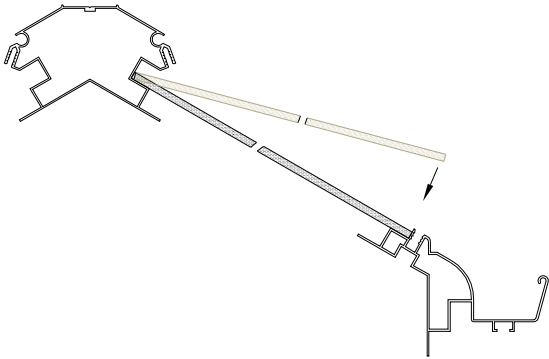
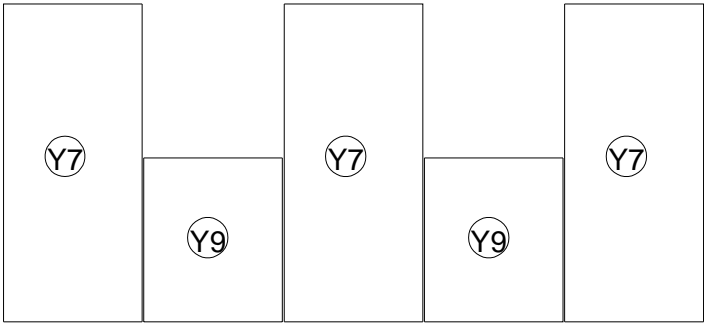
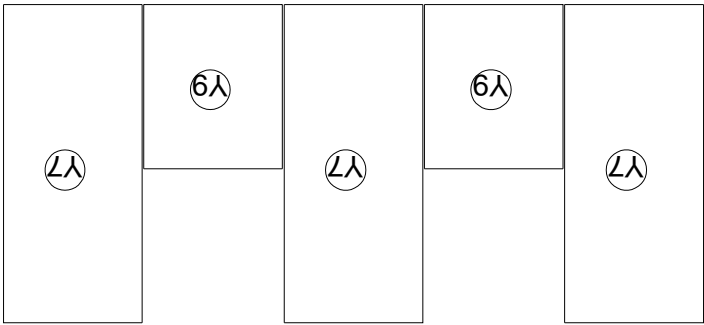
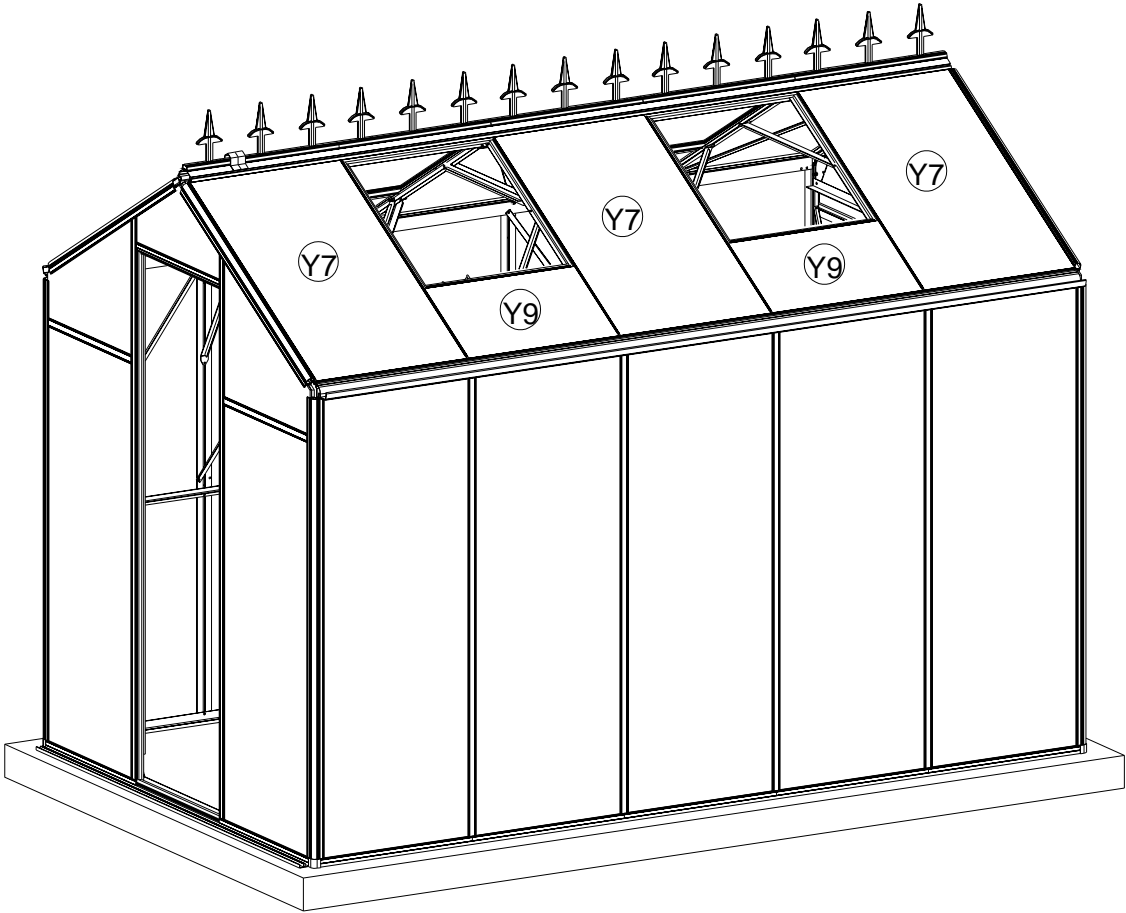


2








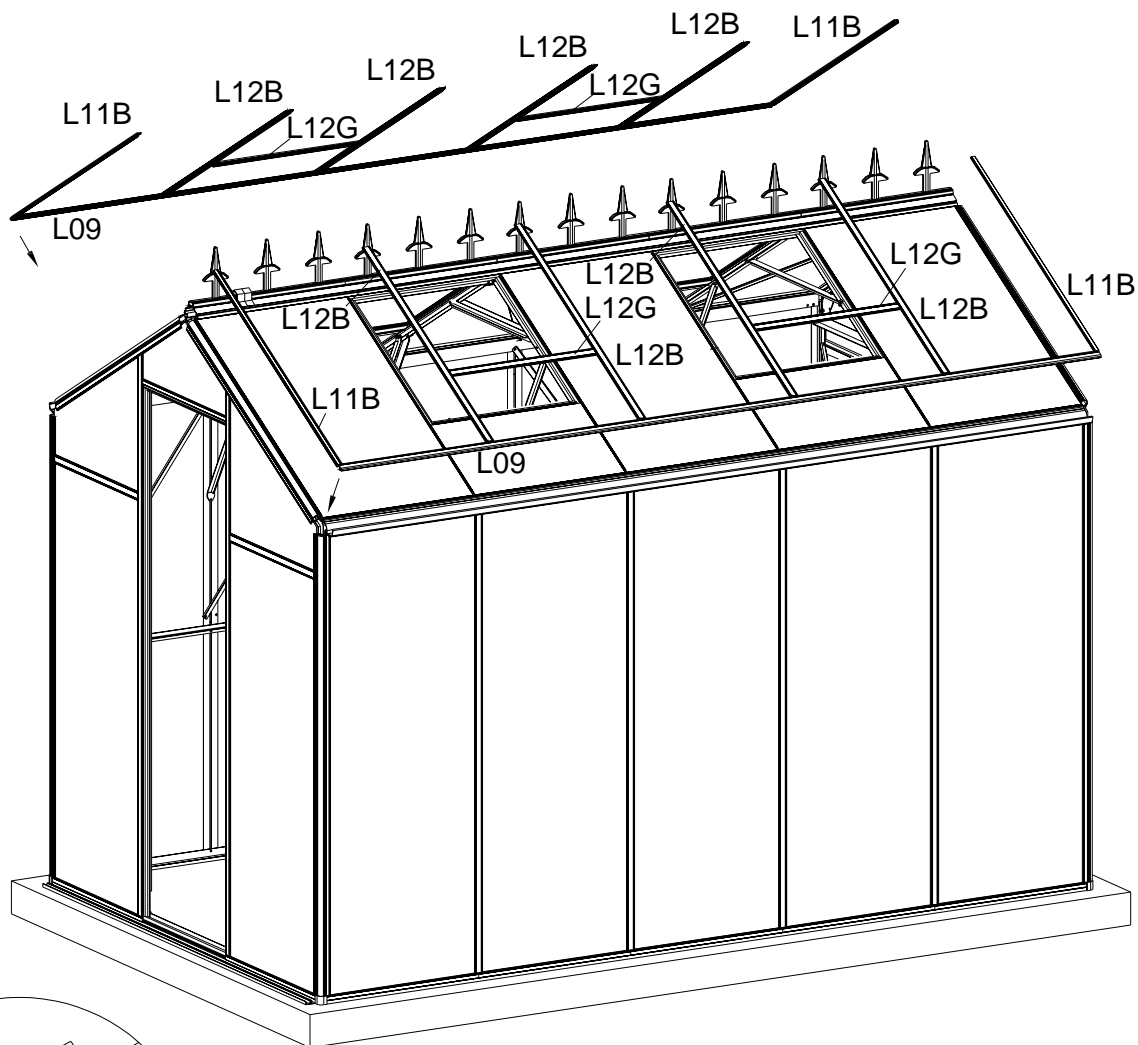
Slide all Y6 glazing panels into place. The top of the panels should be pushed up behind the gutter profile, then pushed in against the base profile as shown in the detail drawings. The panels should be loosely retained by the glazing bar capping L11A, L11C and L12A then tap the bar capping gently into the channels of each frame profile with a rubber mallet.

PART	NO	QTY
	Y7	6
	Y9	4

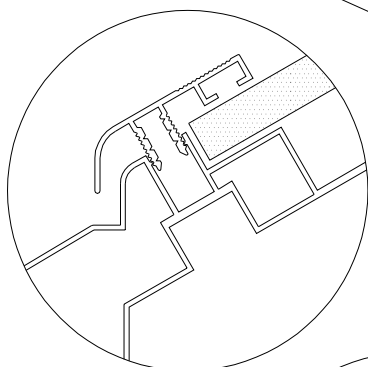




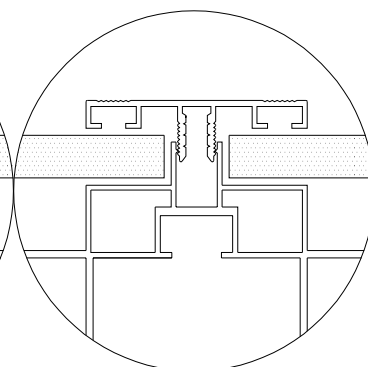
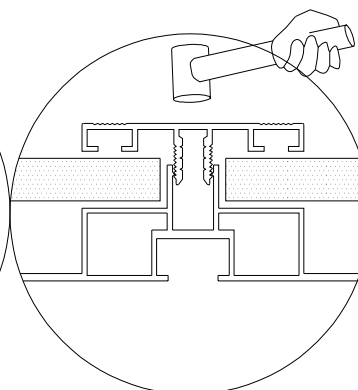
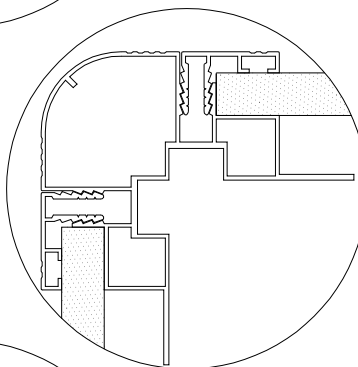
PART	NO	QTY
	L09	2
	L09A	2
	L11B	4
	L12B	8
	L12G	4



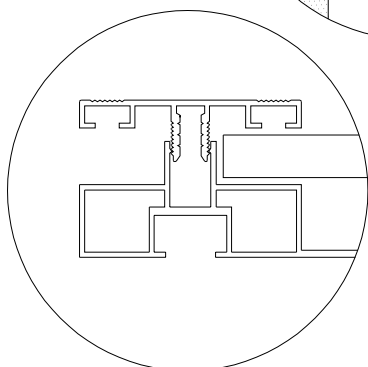
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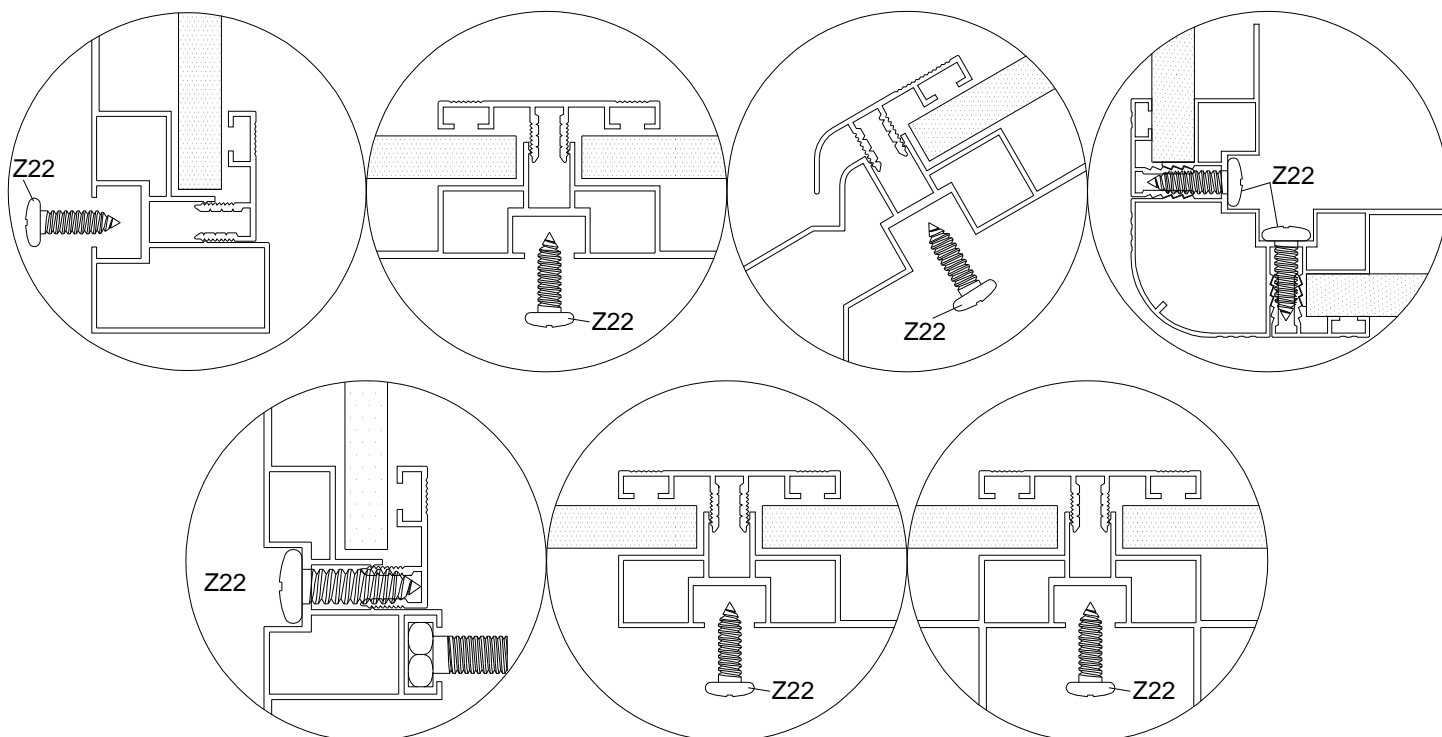
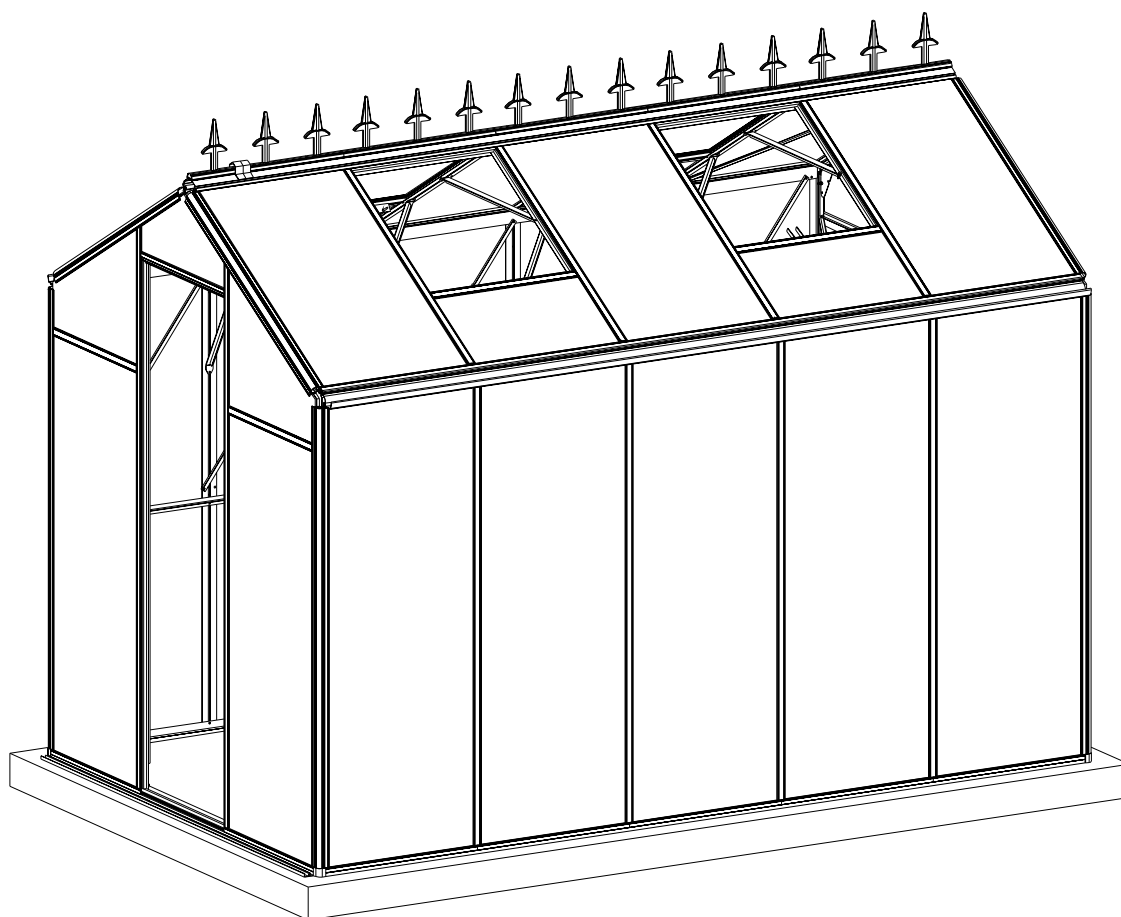
2



3

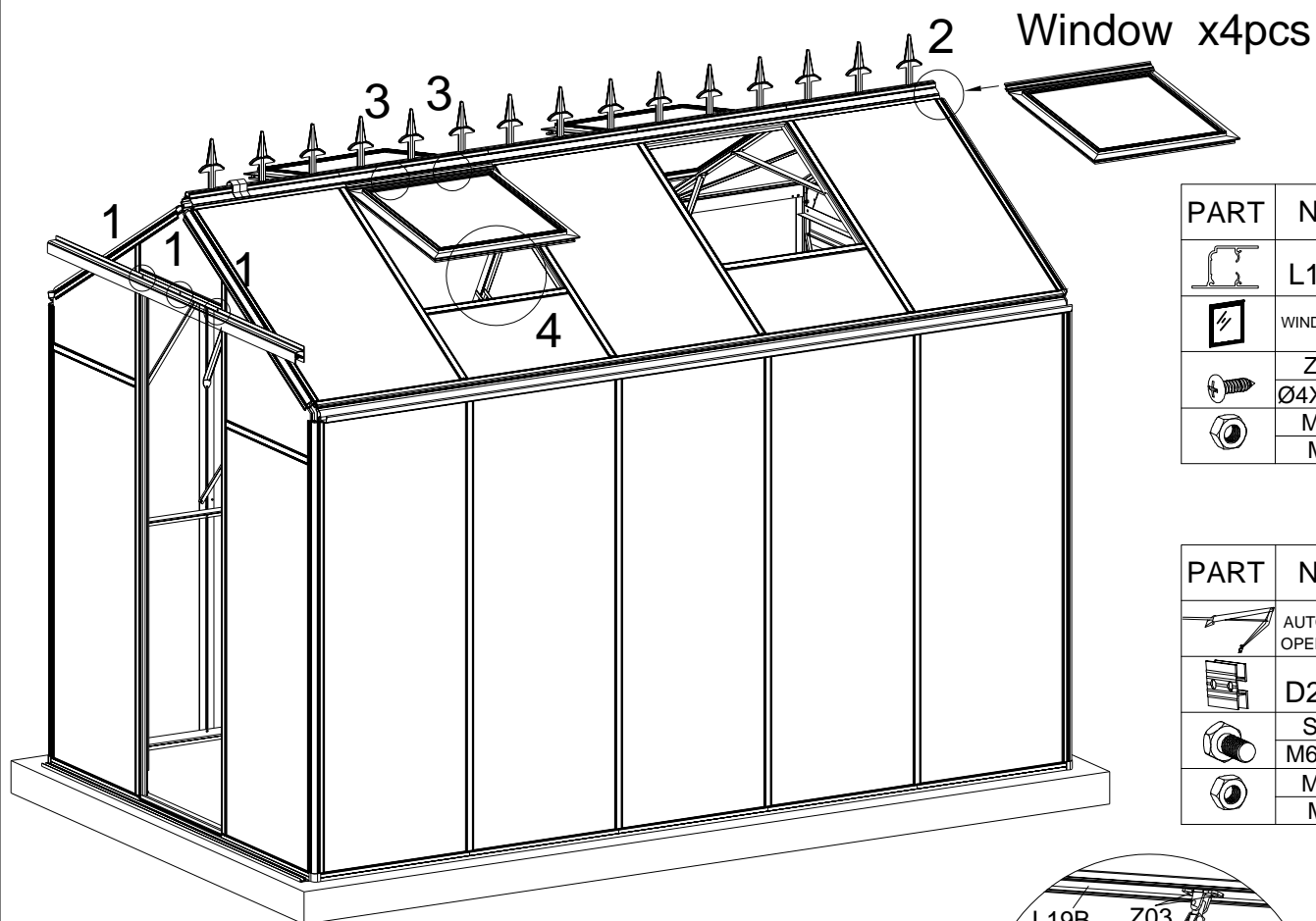


Tap all of the bar capping into the channels of each frame profile with a rubber mallet as shown in the detail drawings.



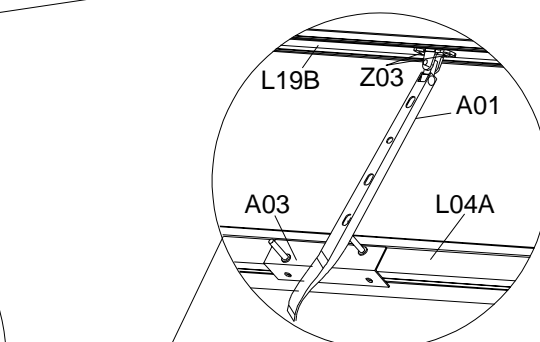
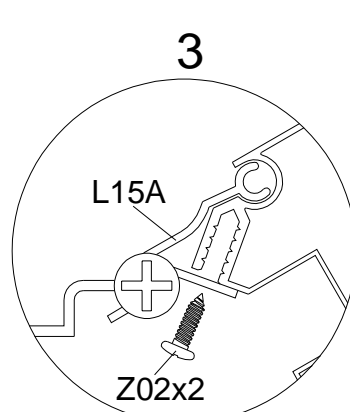
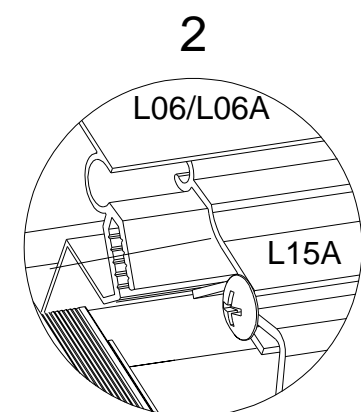
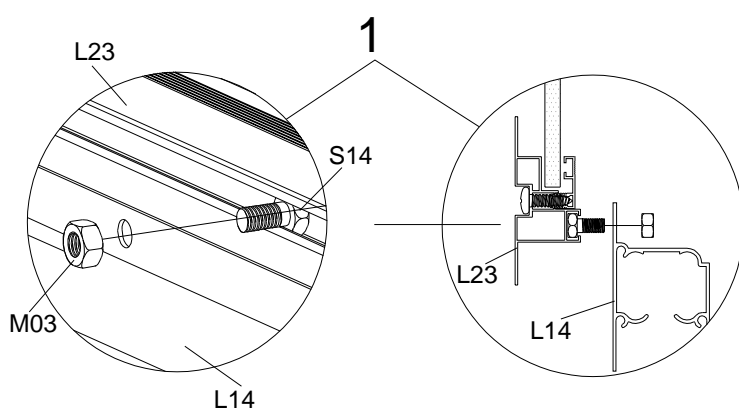
Fix every bar capping profile securely in position using Z22 screws as shown in the detail drawings.

\* Be careful not to over tighten but ensure the screws are securely fixed. Ensure the bar capping profiles are pushed firmly against the panel before installing the screws.



PART	NO	QTY
	L14	1
	WINDOWS	4
	Z02 Ø4X16D	8
	M03 M6	3

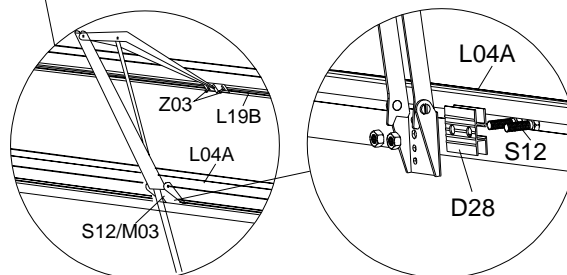
PART	NO	QTY
	AUTO OPENER	4
	D28	4
	S11 M6X20	8
	M03 M6	8



Manual Opener

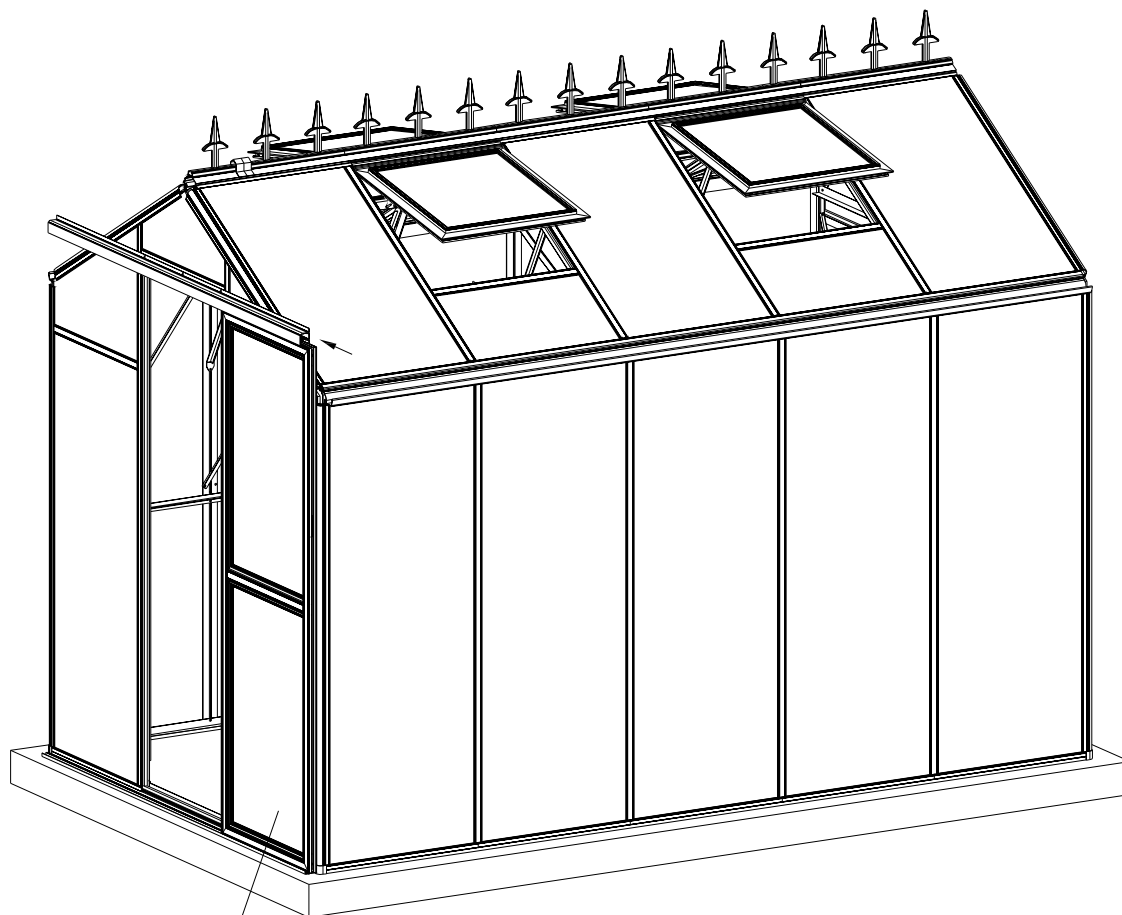


\*Ensure the manual vent is closed as shown.



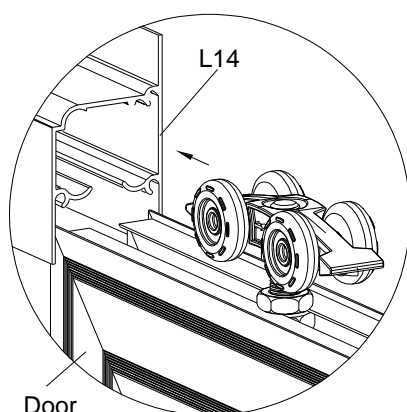
Automatic Opener

Slide L15A along the groove in the L06 ridge and fix it in the correct position using Z02 screws.

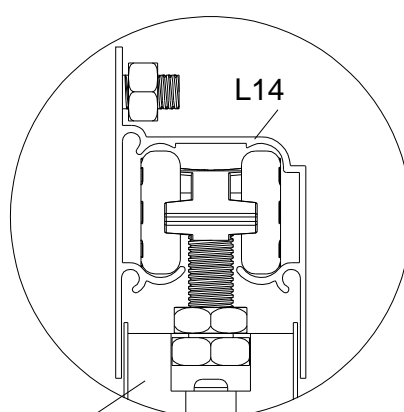


Door

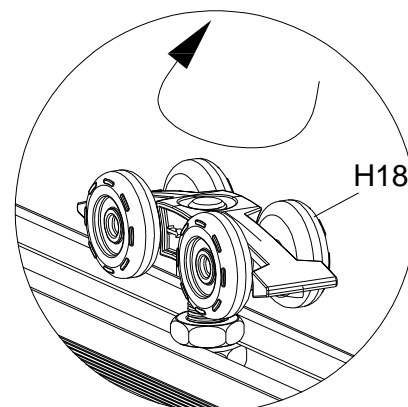
Rotate H18, the roller wheels, to adjust the height of the door so it does not bind or rub on the bottom track.












Door

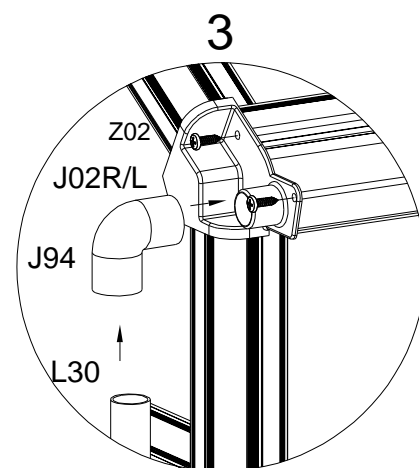
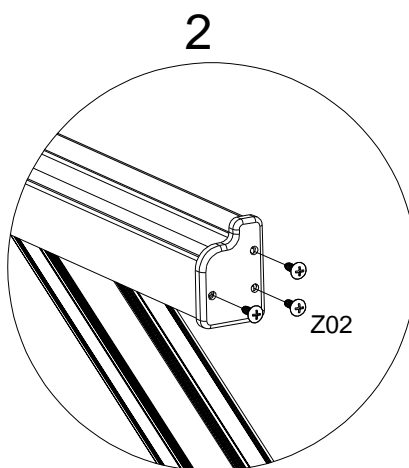
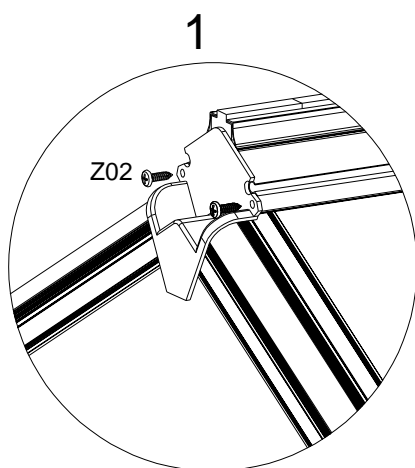
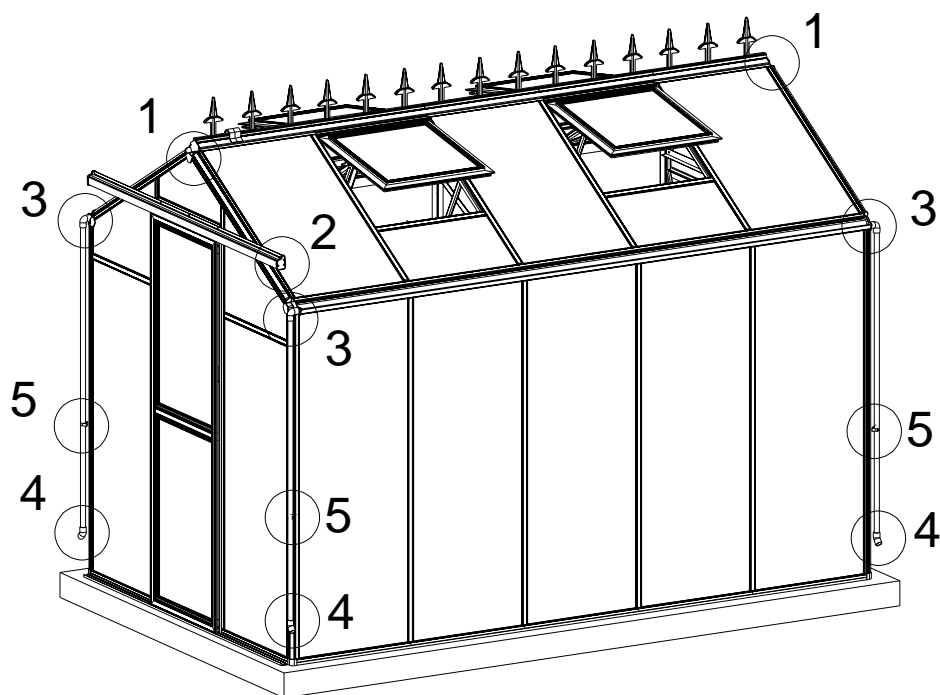


Door

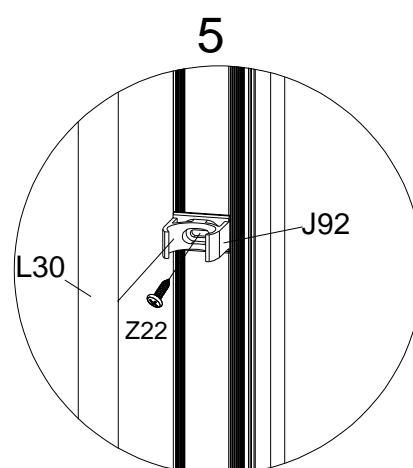
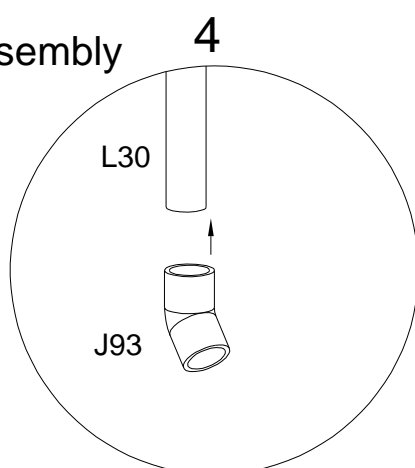


H18

PART	NO	QTY
	L30	4
	J09	2
	J10R/L	2/2
	J12R/L	1/1
	J94	4
	J93	4
	J92	4
	Z02 Ø4X16D	18
	Z22 Ø4X16	4



## Downpipe Assembly



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

Drill a hole in L01A and L01B, approximately 3mm diameter and 700mm up from the bottom. Fix the J92 downpipe bracket with Z22 screws and then clip the L30 downpipe into the J92 bracket.