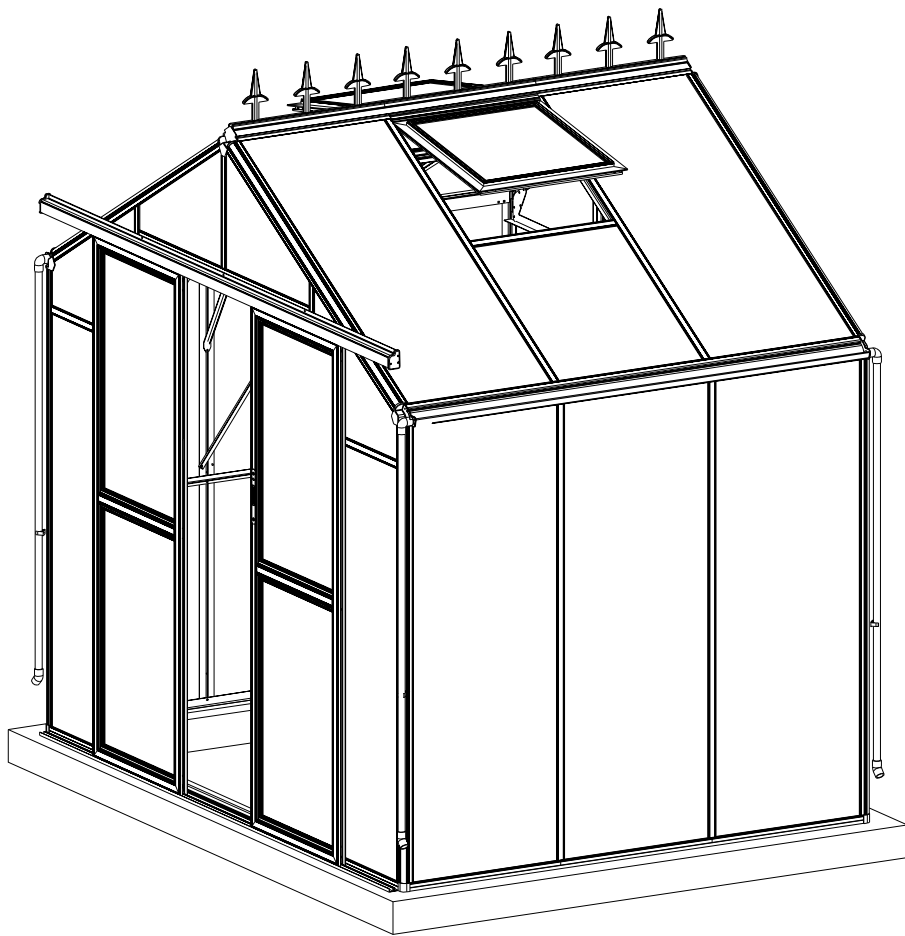


# Assembly Instructions



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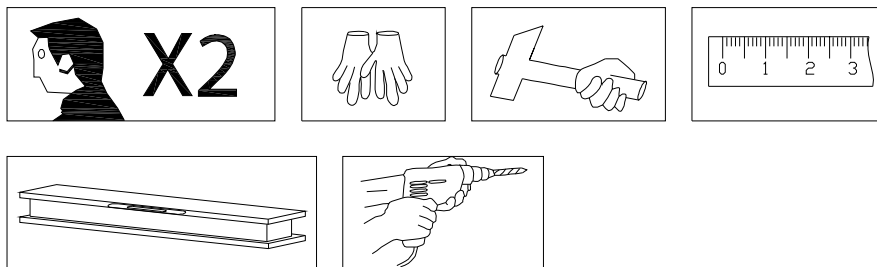
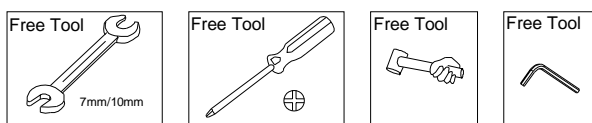
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## Item No. & Packing List

Item No.	Product Size (LxWxH)	Packing List				
		3 Sections			EXT. 2 Sections	
		AL NO.1	AL NO.2	PC/Glass NO.1	AL NO.3	PC/Glass NO.2
GM34403	194x261x250CM	1CTN	1CTN	1CTN		
GM34405	318x261x250CM	1CTN	1CTN	1CTN	1CTN	1CTN
GM34407	442x261x250CM	1CTN	1CTN	1CTN	2CTN	2CTN
GM34409	566x261x250CM	1CTN	1CTN	1CTN	3CTN	3CTN
etc.		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.

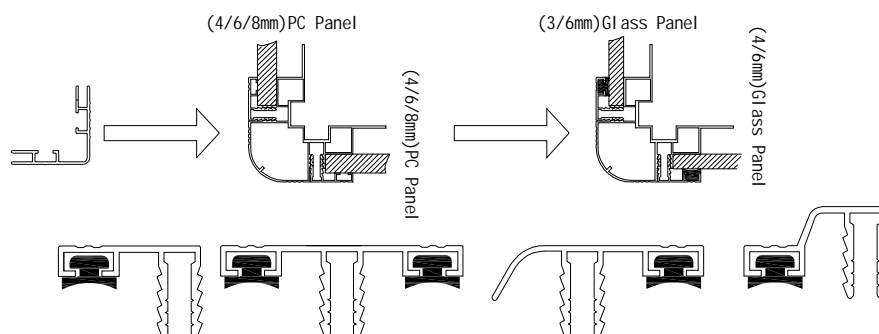


## Functions and Features:

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.

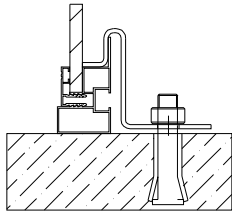


2. A great improvement for this new greenhouse is bar capping which is a neater and stronger way to retain the glazing. Another benefit is that these greenhouses can be glazed with glass or polycarbonate of varying thicknesses.

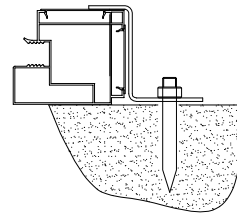


\* If you are glazing this greenhouse with glass you will need to slide the rubber gaskets into the bar capping.

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).

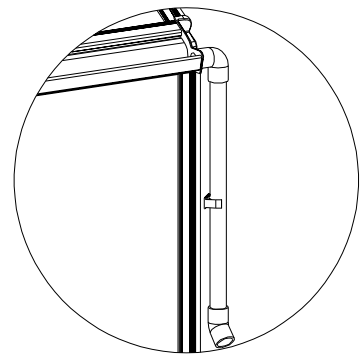


Expansion bolt  
in concrete

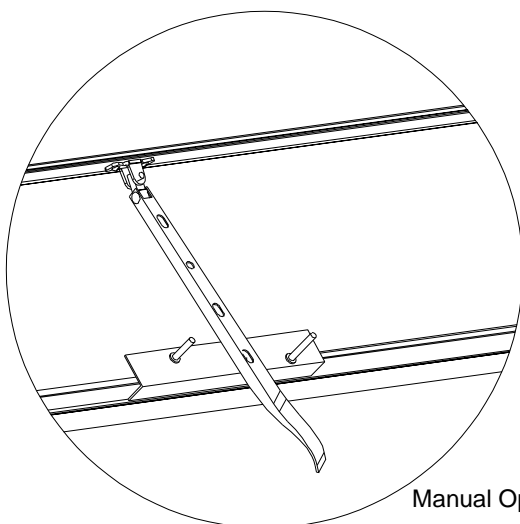


Steel bar/Lawn land

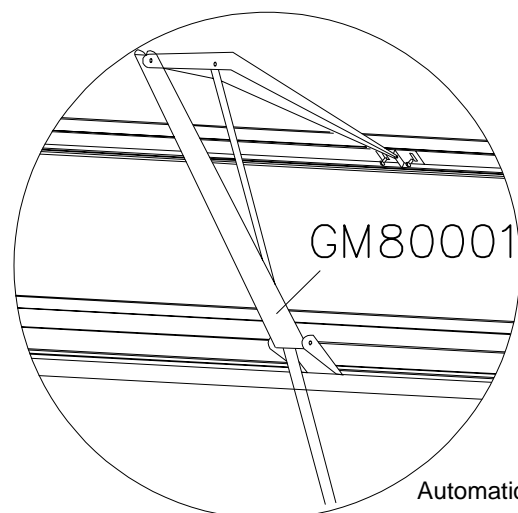
4. Our unique frame connectors make much stronger joints than conventional greenhouses.
5. The strong two part eaves beam includes an integral gutter. Downpipes are also included as standard so you can collect rainwater.



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.

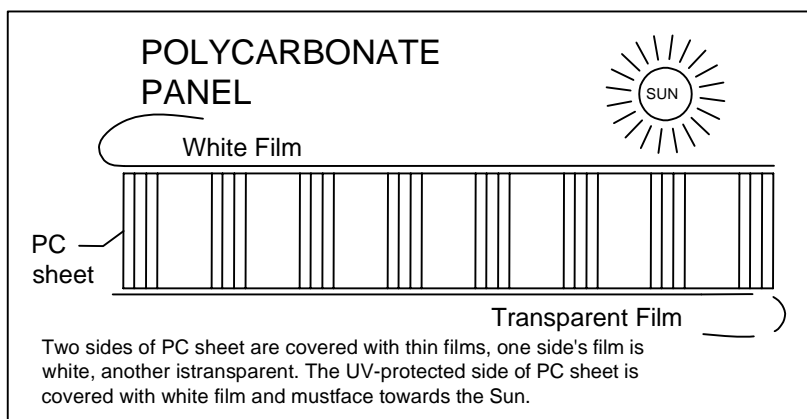


Manual Opener

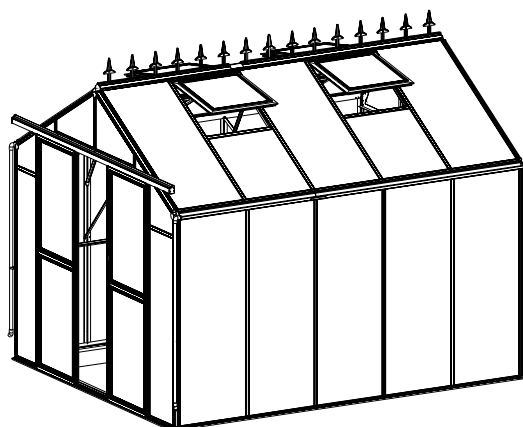
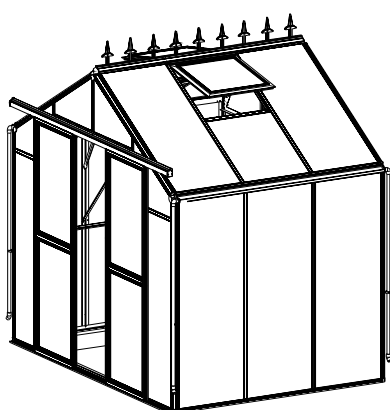


Automatic Opener

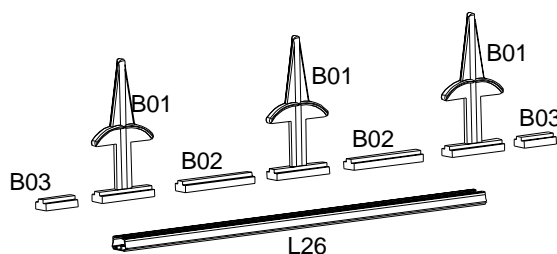
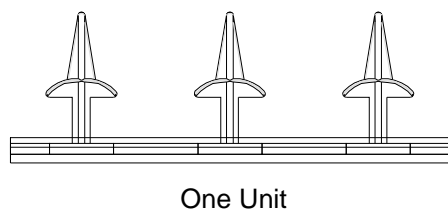
7. Remove approximately 2 inches of film from all sheet edges before installing and remove all film immediately after the construction is completed. Please ensure that the side with the white film faces outwards.



8. This product can be extended freely. We have basic 4 sections and EXT. 2 sections. So, it can be extended to 6 sections or 8 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.

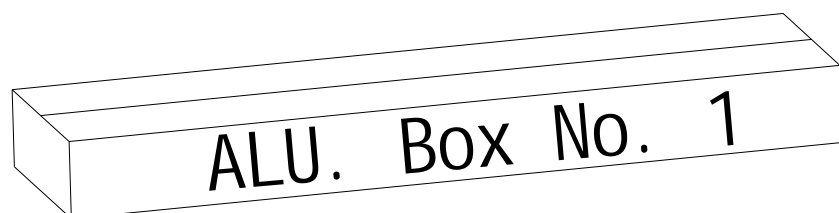


Attention: Framework for whole greenhouse needs to be completed before installing polycarbonate panel/glass.

















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


















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1		L01A	2
		L01B	2
2		L01C	2
		L01D	2
3		L03C	1
		L03D	1
		L03E	1
		L03F	1
		L03G	1
4		L04A	6
5		L05A	4
		L05B	2
6		L11A	8
		L11B	8
7		L02C	1
		L11C	4
		L11D	2
		L12F	1
		L12G	6
8		L12C	2
		L12D	2
9		L08C	1
		L10	1
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		L12E	1
		L13	1
		L14	1
		L23	1













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		L16B	8
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		L18B	1
		L18C	1
13		L18D	4
14		L21C	8
		L21D	8
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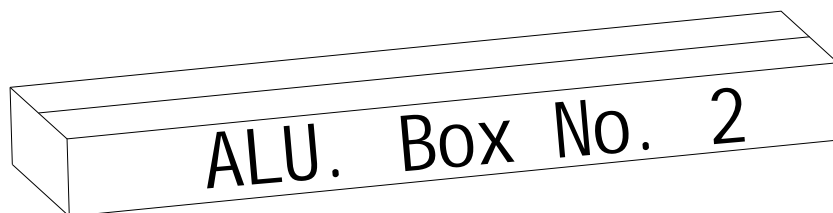


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






























	PART	NO	QTY
1		L06A	1
2		L07A	2
3		L08B	2
		L09A	2
4		L02A	4
5		L02B	4
6		L04A	2
		L11C	6
		L12G	2
7		L05C	6
		L05D	4
8		L22	6
9		L22B	4
10		L12A	4
		L12B	4
11		L30/J06	4

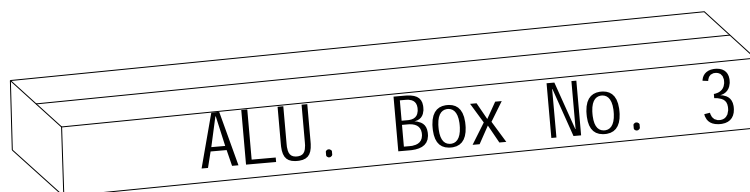
PART	NEW	OLD	QTY
	A26	A	6
	A27	B	8
	A28	C	8
	H18	D	4
	J09	J01	2
	J10R/L	J02R/L	2/2
	J12R/L	J03R/L	1/1
	J11	J04	4
	J94	J05	4
	J93	J07	4
	J92	J08	4
	D17	W01	6
	D07	W05	12
	A01	W06	2
	A03	W08	2
	D28	W09	2
	H20	W22	4
	H21	W20	1
	H23	W21	2

PART	NEW	OLD	QTY
	S08 M8X60	S03	12
	S11 M6X20	S04	4
	S14 M6X10	S01	149
	M03 M6	M01	158
	S12 M8X30	S02	5
	M06 M8	M02	5
	Z22 Ø4X16	Z01	194
	Z02 Ø4X16D	Z02	28
	Z04 Ø4X8	Z03	5
	Z12 Ø4X50	Z04	9
	S15 M4X10	S05	2
	H22 M4	M05	2















## EXT. 2 Sections (AU. Box No.3)

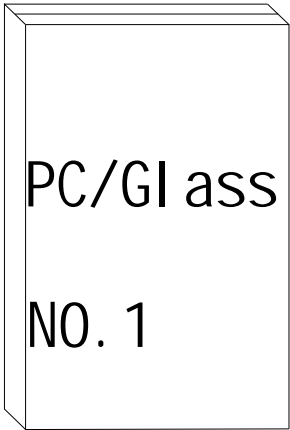
	PART	NO	QTY			PART	NO	QTY			PART	NEW	OLD	QTY
1		L06	1									A01	W06	2
2		L07	2									D24	W02	2
3		L08A	2									D25	W03	2
		L09	2									D27	W04	3
4		L02A	2									D26	W07	1
		L02B	2									D07	W05	4
5		L04A	2									A03	W08	2
		L11C	4									D28	W09	2
		L12G	2									S08 M8X60	S03	4
6		L05C	4									S14 M6X10	S01	104
		L05D	2									M03 M6	M01	113
7		L22	3									S11 M6X20	S04	8
8		L22A	4									Z22 Ø4X16	Z01	62
9		L22C	6									A27	B	8
10		L12A	4									Z02 Ø4X16D	Z02	9
		L12B	4									Z04 Ø4X8	Z03	5
11		L03A	2									Z24 M5X25	Z05	2
		L03B	2											







GM34403 (PC / Glass Box No. 1)

	Y1	2
	Y2	6
	Y3	1
	Y4	2
	Y5	1
	Y6	6
	Y7	4
	Y8	1
	Y9	2
	Y10	2
	Y11	4
	Y13	1

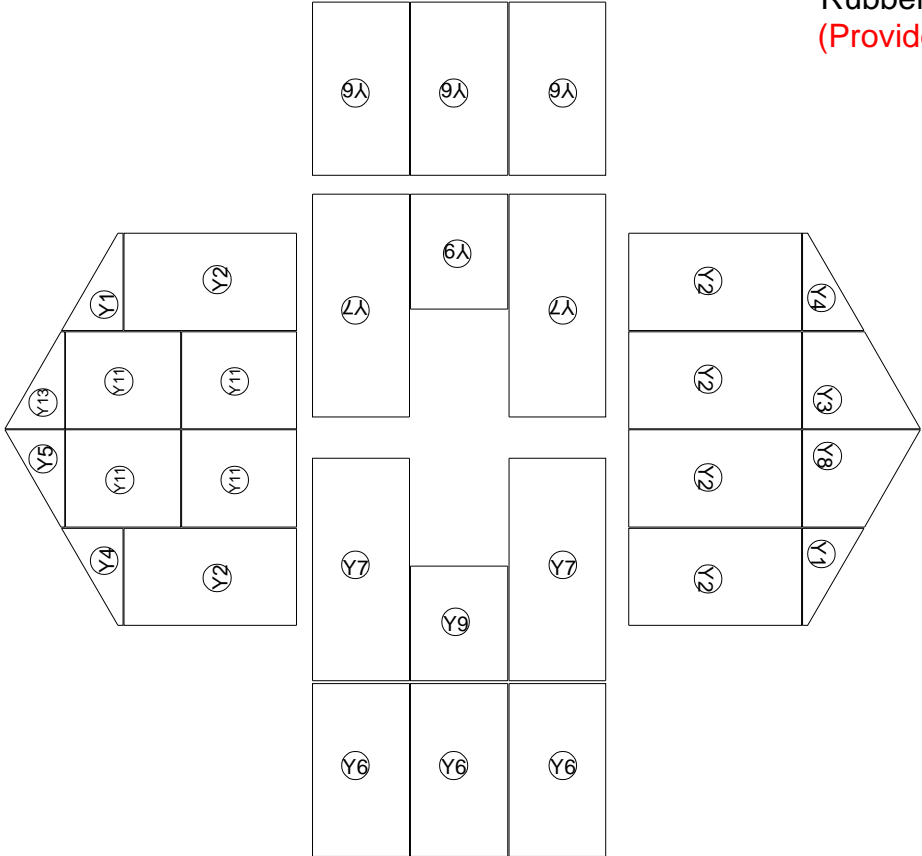


PART	NO	QTY
	J60	78M





Rubber for walls & roof  
(Provided for glass only)

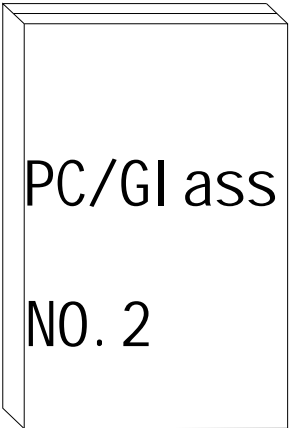
PART	NO	QTY
	J60	113M


Rubber for walls only  
(Provided for glass only)




EXT. 2 Sections (PC / Glass Box No. 2)

	Y6	4
	Y7	2
	Y9	2
	Y10	2

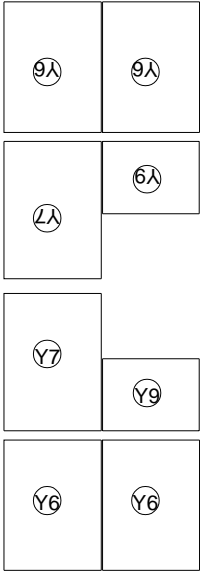




























PART	NO	QTY
	J60	23M

Rubber for walls & roof  
(Provided for glass only)

PART	NO	QTY
	J60	40M

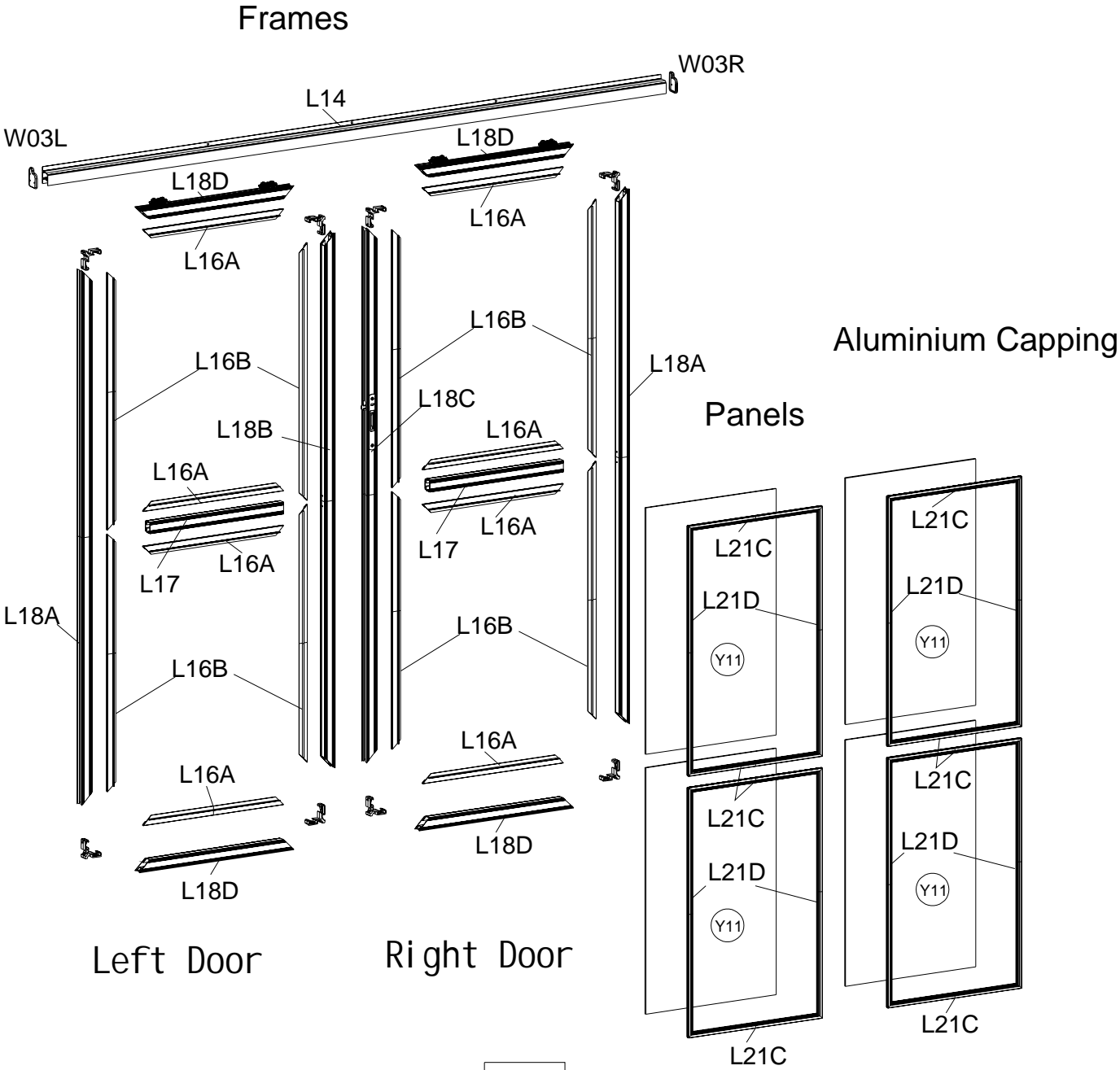
Rubber for walls only  
(Provided for glass only)















































PART	NO	QTY	PART	NO	QTY	PART	NO	QTY
	L14	1		A28	8		Y11	4
	L16A	8		H18	4		S15 M4X10	2
	L16B	8		J12R/L	1/1		H22 M4	2
	L17	2		S14 M6X10	3		H21	1
	L18A	2		M03 M6	3		H23	2
	L18B	1		S12 M8X30	4		H20	4
	L18C	1		M06 M8	4			
	L18D	4		Z22 Ø4X16	32			
	L21C	8		Z02 Ø4X16D	6			
	L21D	8		Z12 Ø4X50	8			

Door Assembly

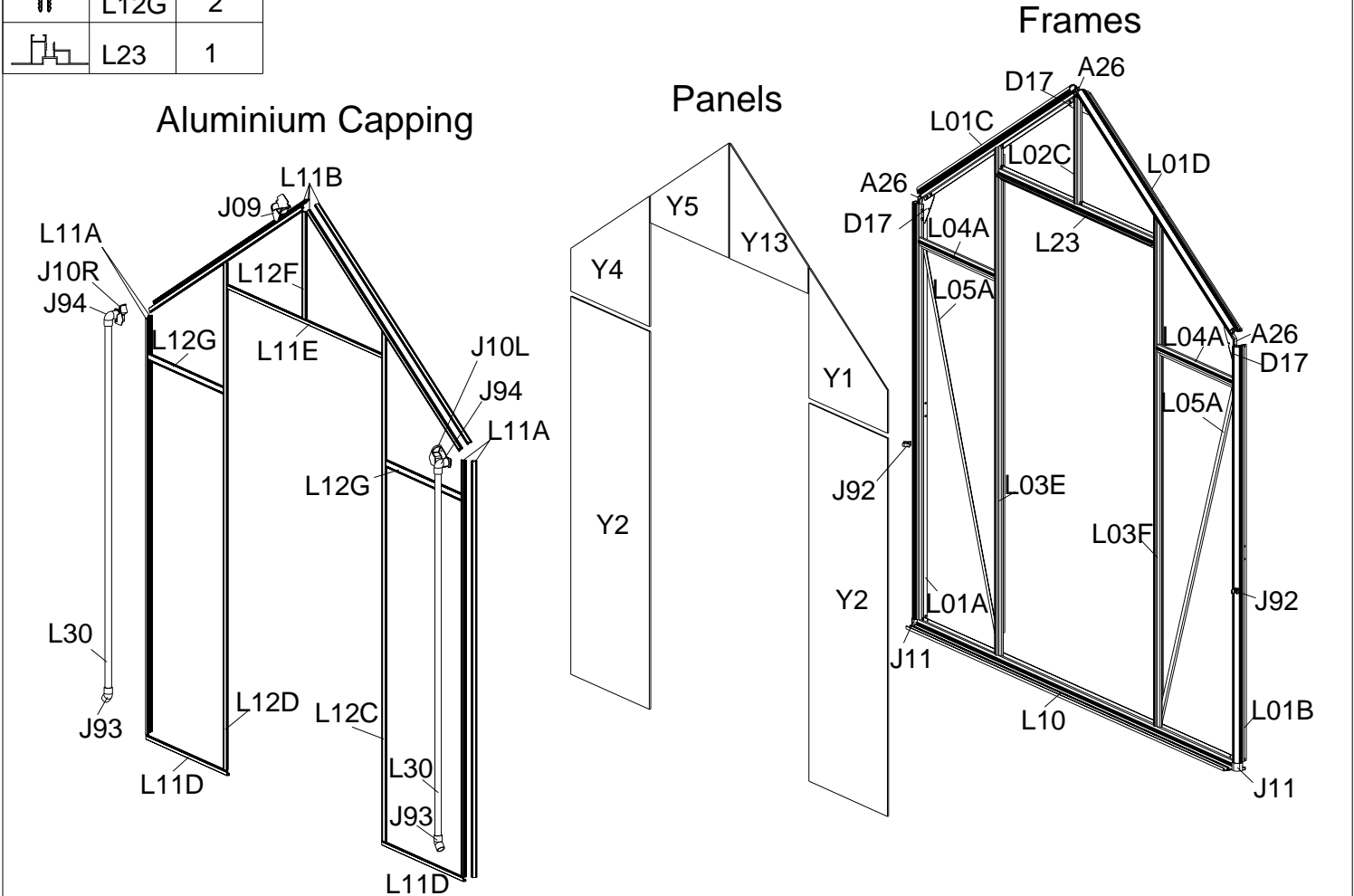
Overview















































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
	L02C	1		J94	2		Y13	1
	L03E	1		L30	2			
	L03F	1		J93	2			
	L04A	2		J92	2			
	L05A	2		D17	3			
	L10	1		D07	2			
	L11A	4		S08	2			
				M8X60				
	L11B	4		S14	31			
				M6X10				
	L11D	2		M03	31			
				M6				
	L11E	1		Z22	47			
				Ø4X16				
	L12C	1		Z02	6			
				Ø4X16D				
	L12D	1						
	L12F	1						
	L12G	2						
	L23	1						

# Front Wall Assembly

## Overview



PART	NO	QTY	PART	NO	QTY	PART	NO	QTY
	L01A	1		A26	3		Y1	1
	L01B	1		J09	1		Y2	4
	L01C	1		J10R/L	1/1		Y4	1
	L01D	1		J11	2		Y3	1
	L03C	1		J94	2		Y8	1
	L03D	1		L30	2			
	L03G	1		J93	2			
	L04A	4		J92	2			
	L05A	2		D17	3			
	L05B	2		D07	4			
	L08C	1		S08	4			
				M8X60				
	L11A	4		S14	37			
				M6X10				
	L11B	4		M03	37			
				M6				
	L11C	4		Z22	54			
				Ø4X16				
	L12C	1		Z02	6			
				Ø4X16D				
	L12D	1						
	L12E	1						
	L12G	4						
	L13	1						

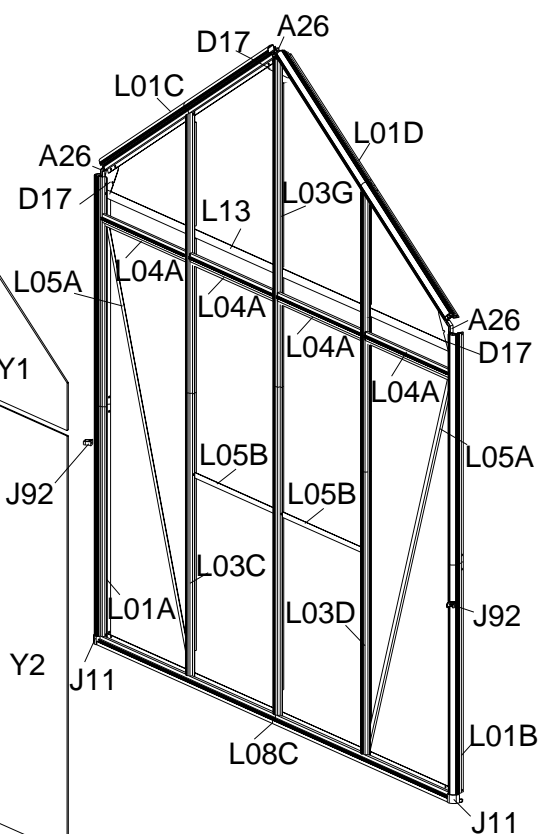
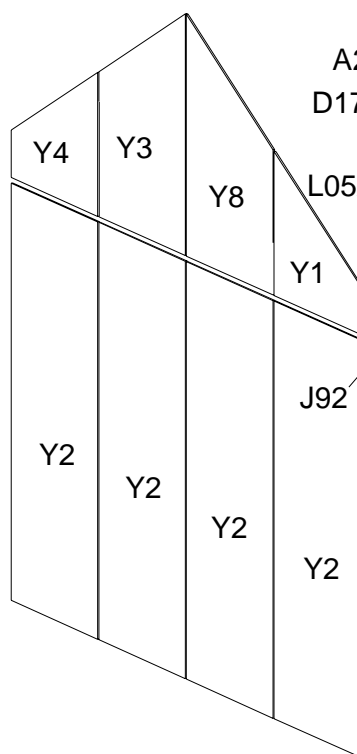
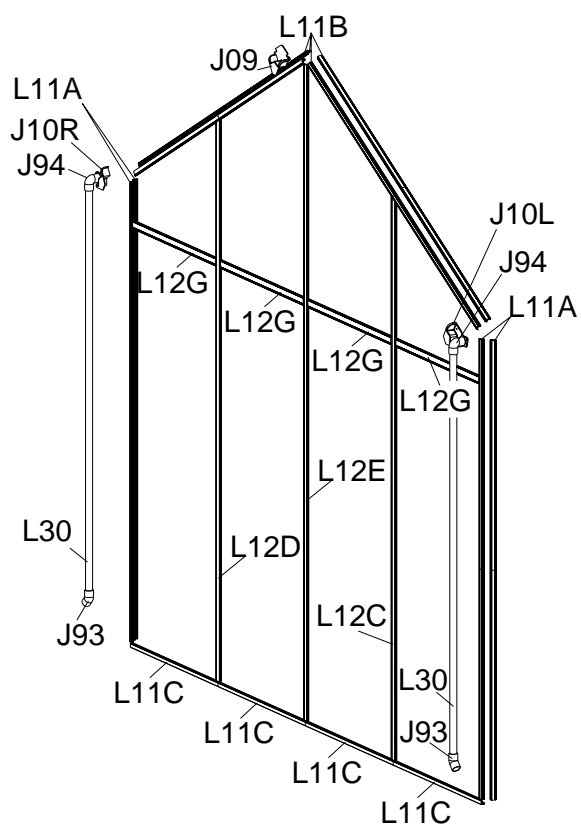
## Rear Wall Assembly









### Overview





























### Frames

### Panels

### Aluminium Capping

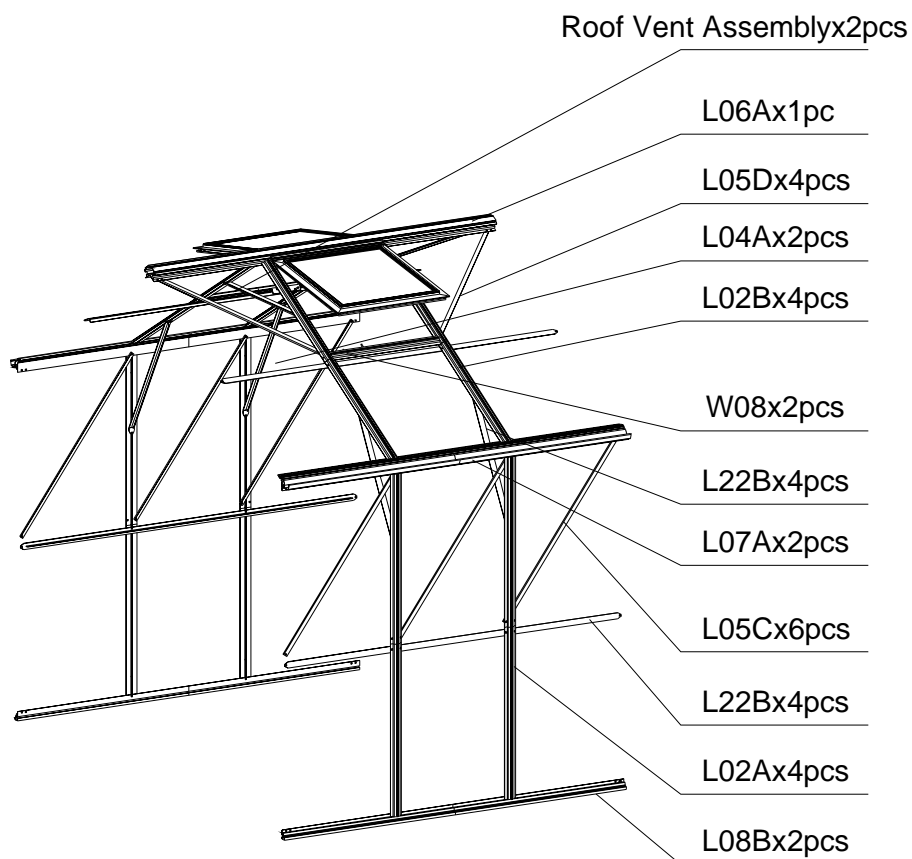
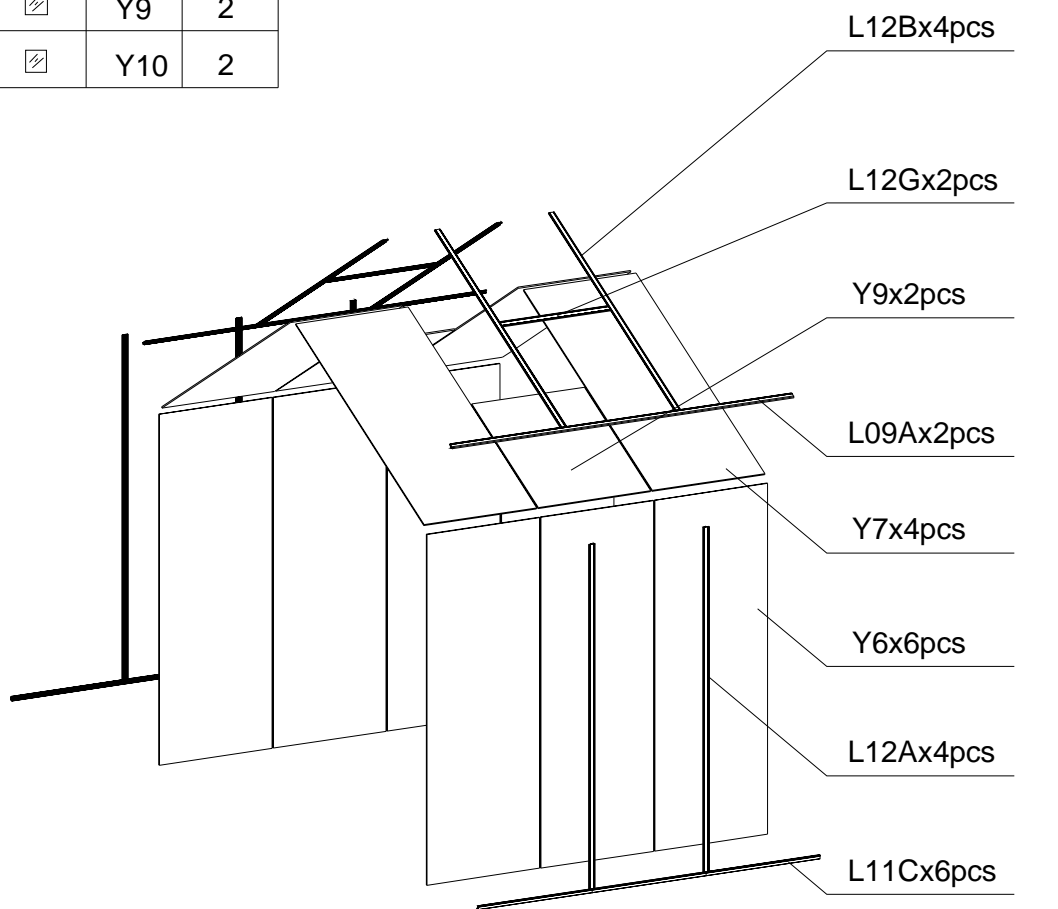
























































PART	NO	QTY	PART	NO	QTY
	L06A	1		Y6	8
	L07A	2		Y7	6
	L08B	2		Y9	2
	L09A	2		Y10	2

	L02A	4
	L02B	4
	L04A	2
	L05C	6
	L05D	4
	L22	6
	L22B	4
	L11C	6
	L12A	4
	L12B	4
	L12G	2
	L15A	2
	L19A	4
	L19B	2
	L20	2
	L21A	4
	L21B	4
	A27	8
	D07	6
	A01	2
	A03	2
	D28	2
	S08	6
	M8X60	
	S11	4
	M6X20	
	S14	80
	M6X10	
	M03	84
	M6	
	Z22	64
	Ø4X16	
	Z02	8
	Ø4X16D	
	Z04	4
	Ø4X8	

# Sides and Roof Assembly

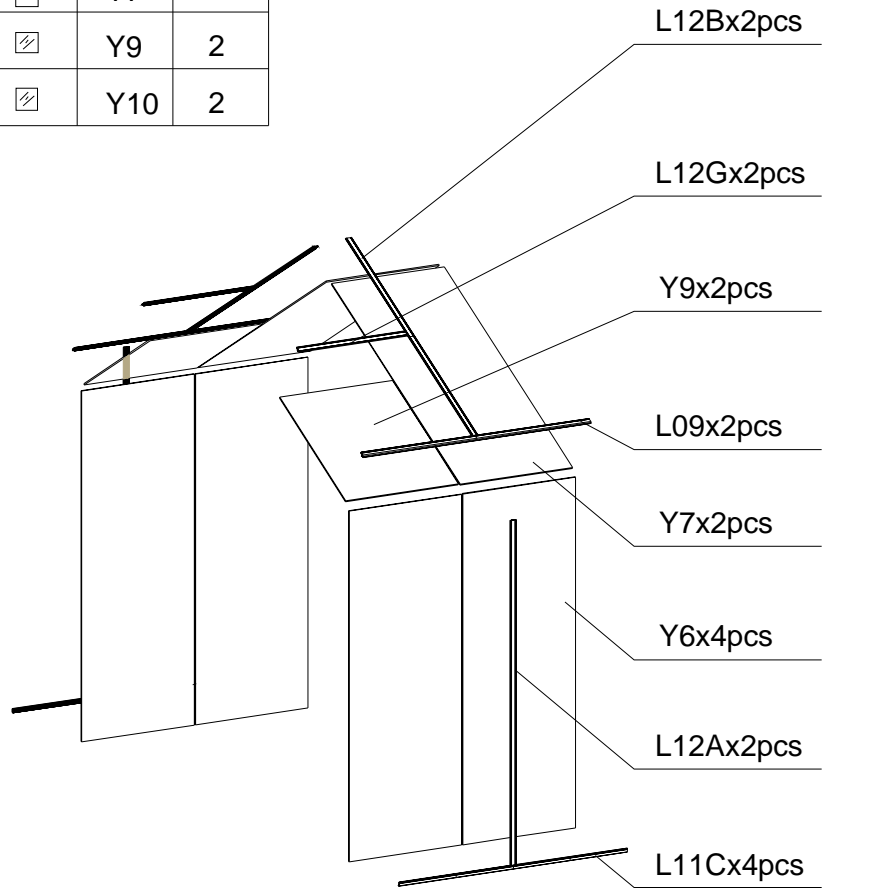
## Overview of Sides and Roof



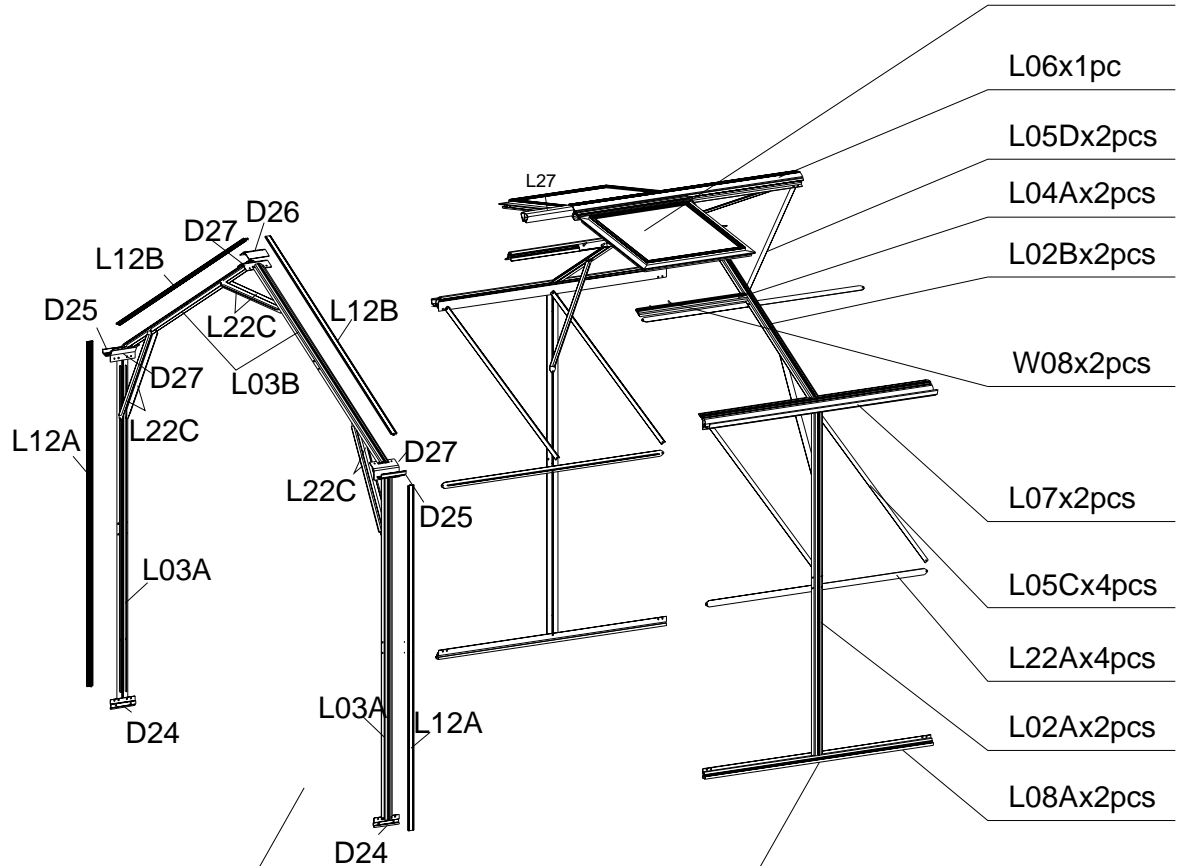
PART	NO	QTY	PART	NO	QTY	PART	NO	QTY
	L06	1		A27	8		Y6	4
	L07	2		D24	2		Y7	2
	L08A	2		D25	2		Y9	2
	L09	2		D27	3		Y10	2
	L02A	2		D07	4			
	L02B	2		A01	2			
	L04A	2		D26	1			
	L05C	4		A03	2			
	L05D	2		D28	2			
	L22	3		S14	102			
	L22A	4		M6X10				
	L22C	6		M03	110			
				M6				
				S08	4			
				M8X60				
	L11C	4		S11	8			
	L12A	4		M6X20				
	L12B	4		Z22	58			
	L12G	2		Ø4X16				
				Z02	8			
				Ø4X16D				
				Z04	4			
				Ø4X8				
	L03A	2		Z24	2			
	L03B	2		M5X25				
	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

+

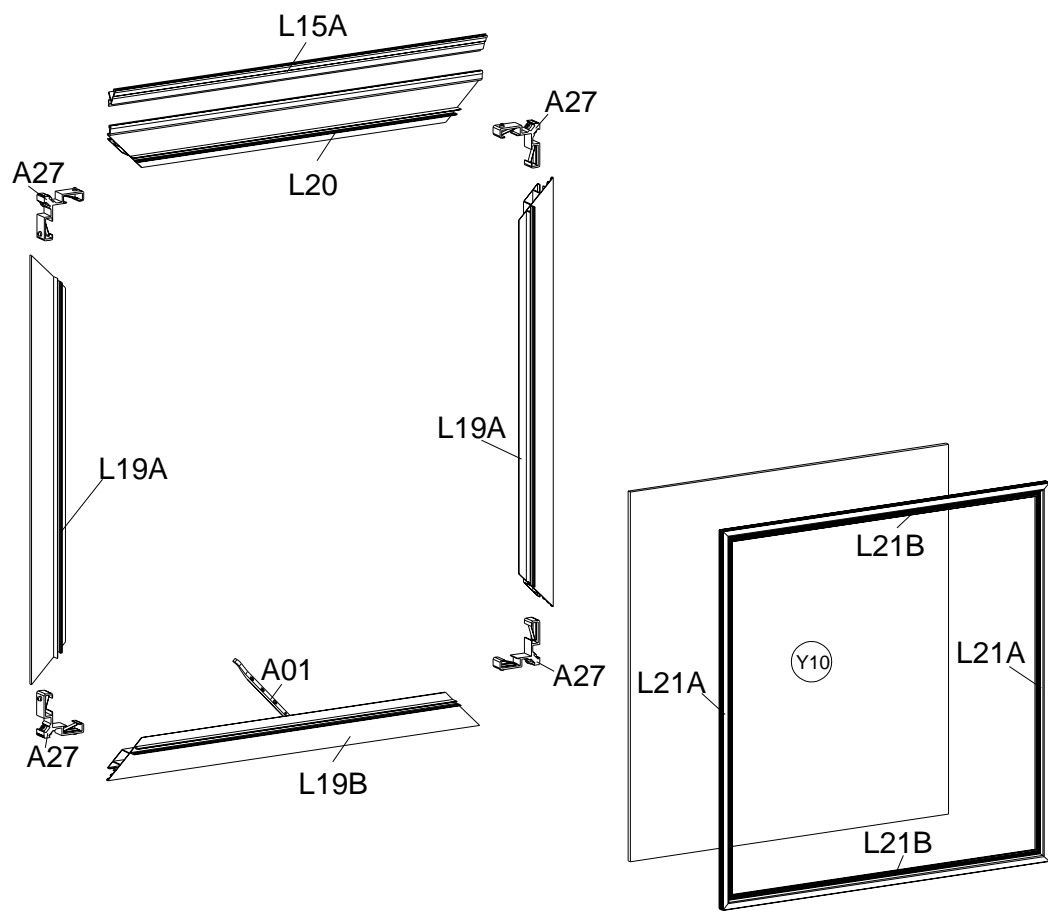
2 Section

PART	NO	QTY	PART	NO	QTY	PART	NO	QTY
	L15A	1		A27	4		Y10	1
	L19A	2		Z22	8			
	L19B	1		Z02				
	L20	1		Ø4X16D	4			
	L21A	2		Z04				
	L21B	2		Ø4X8	2			
	A01	1						

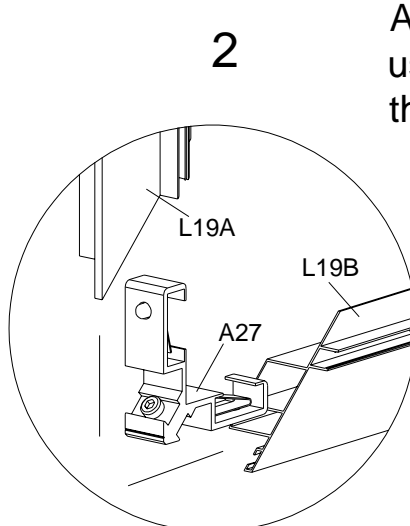
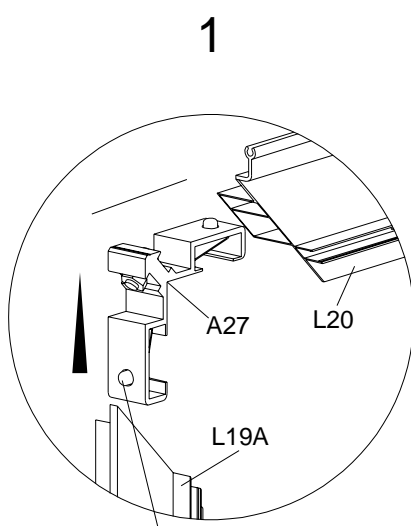
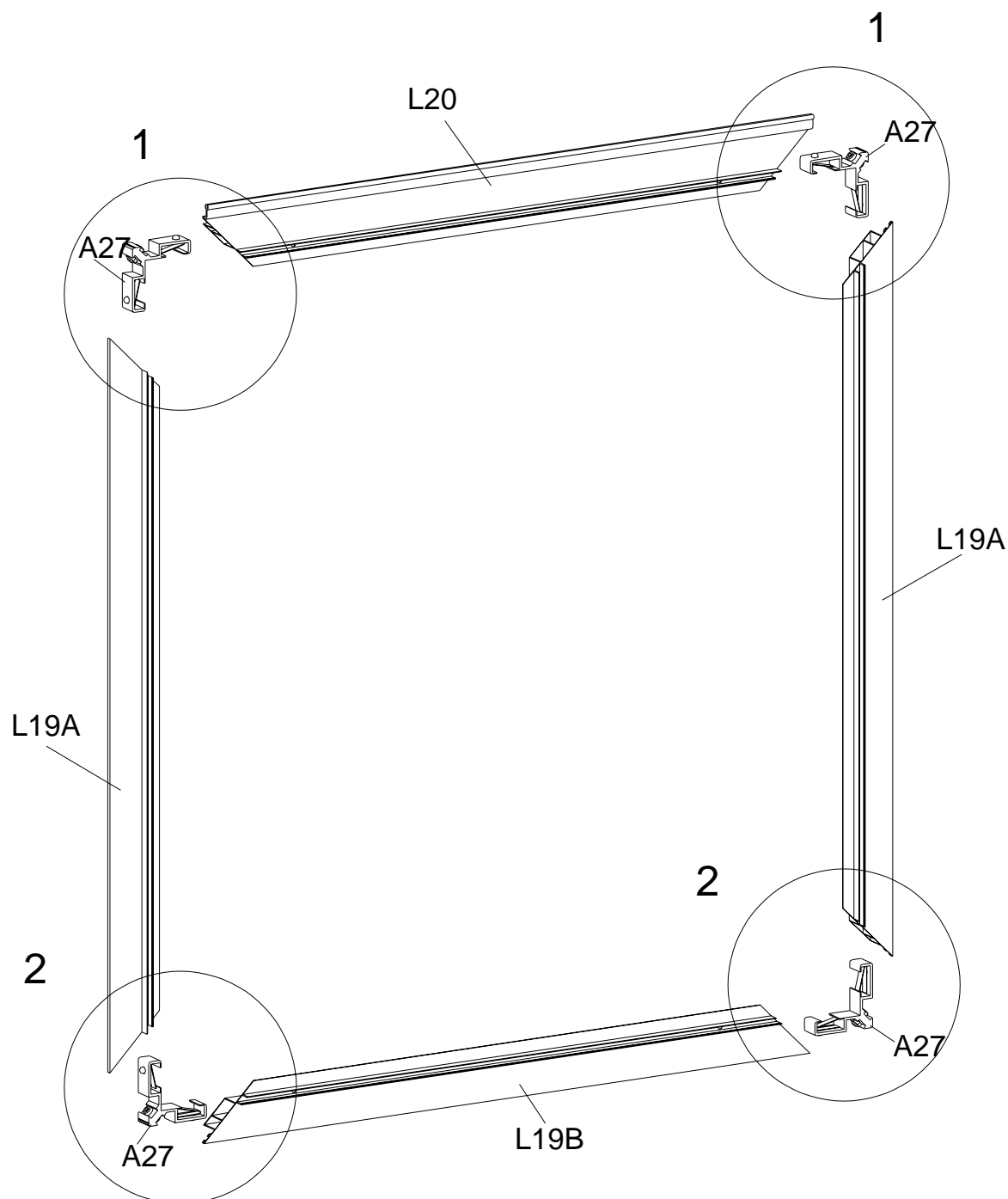
Roof

# Roof Vent Assembly

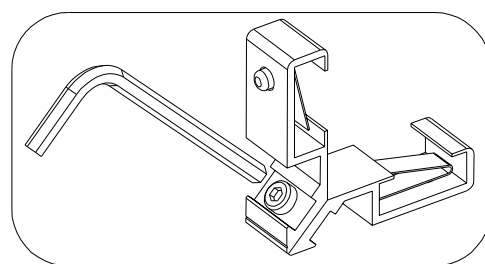
Overview



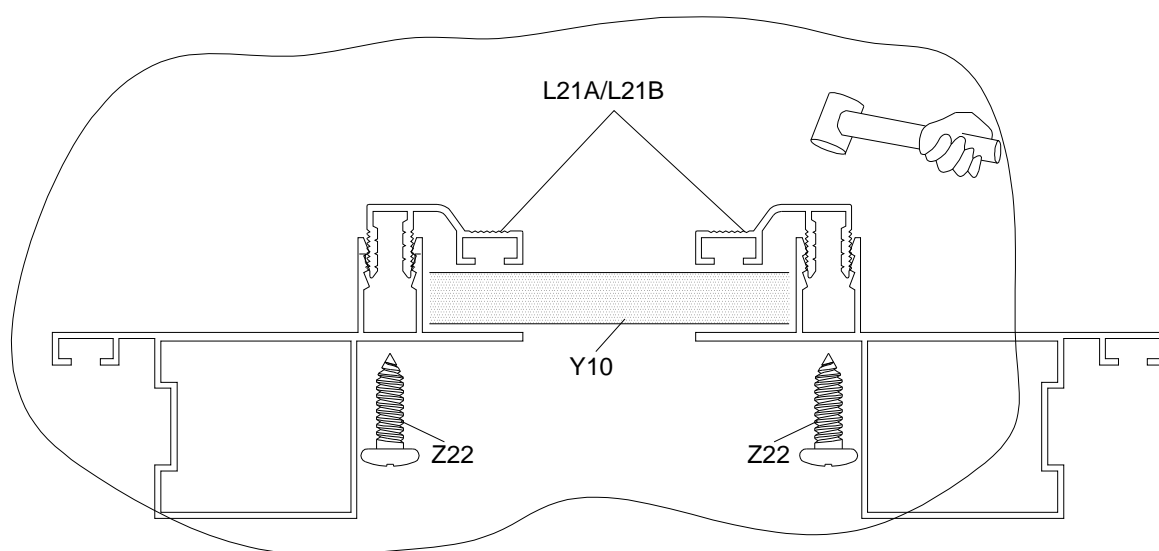
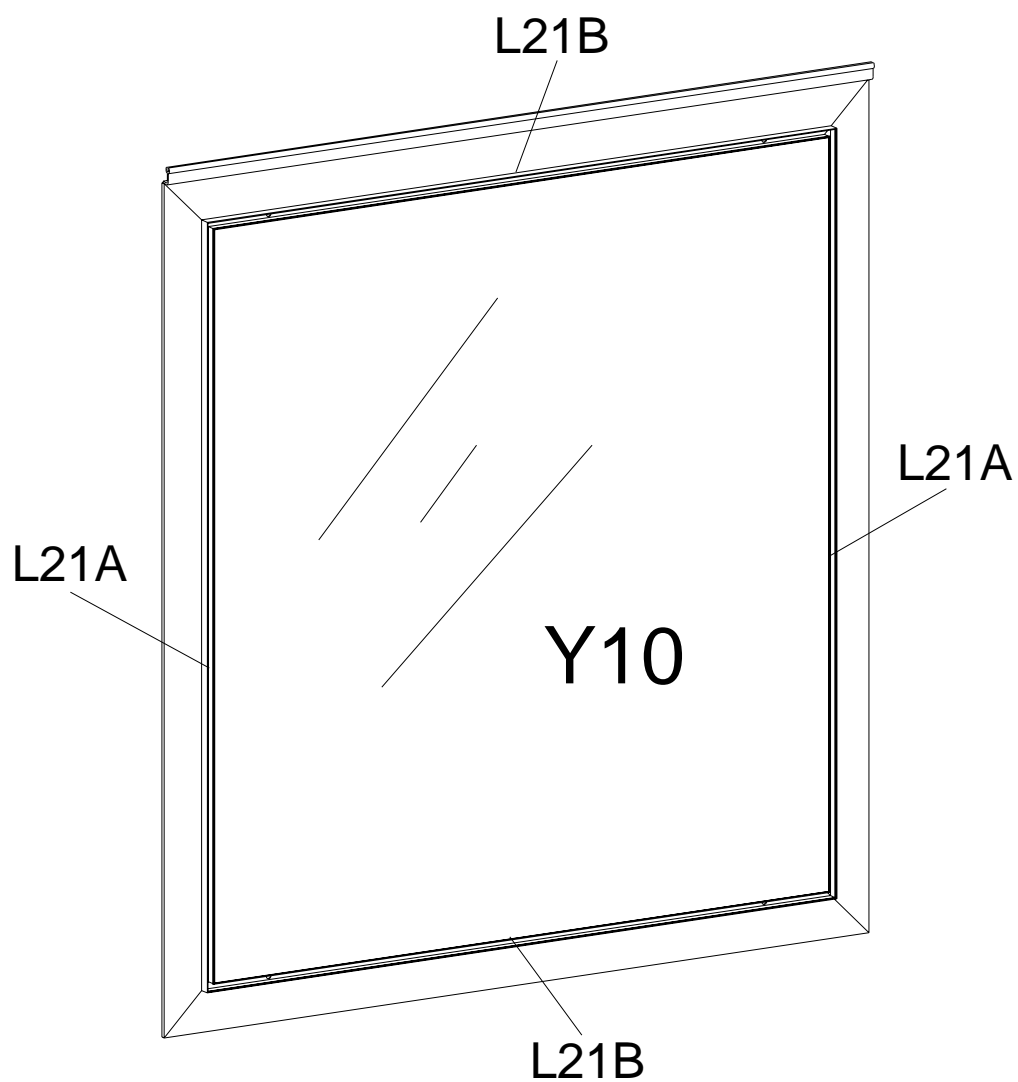




After connector A27 has been fitted, use the hole in the profile to tighten the connector in place.

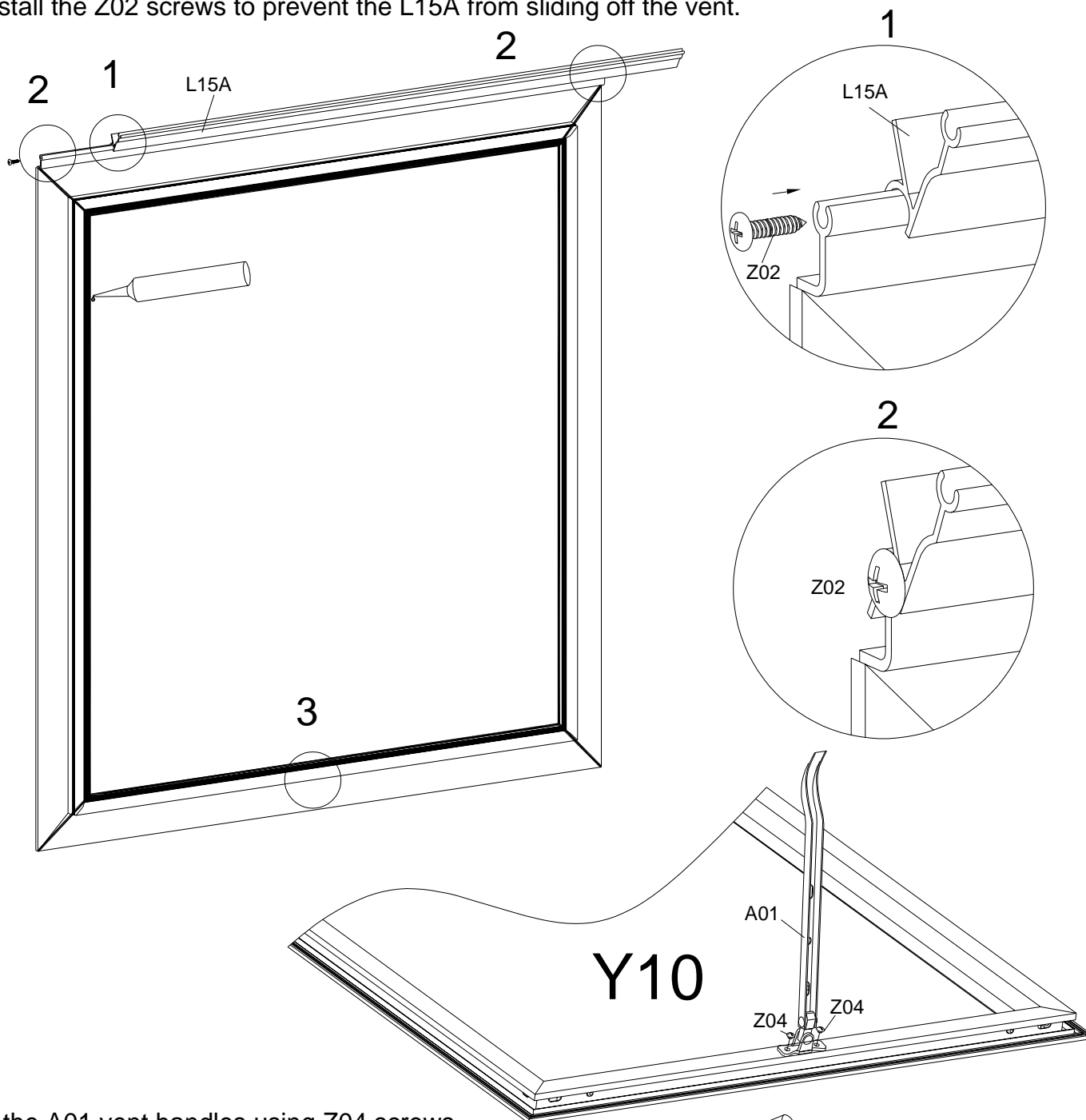


Push down the button on connector A27 before inserting it into the end of the frame profile.

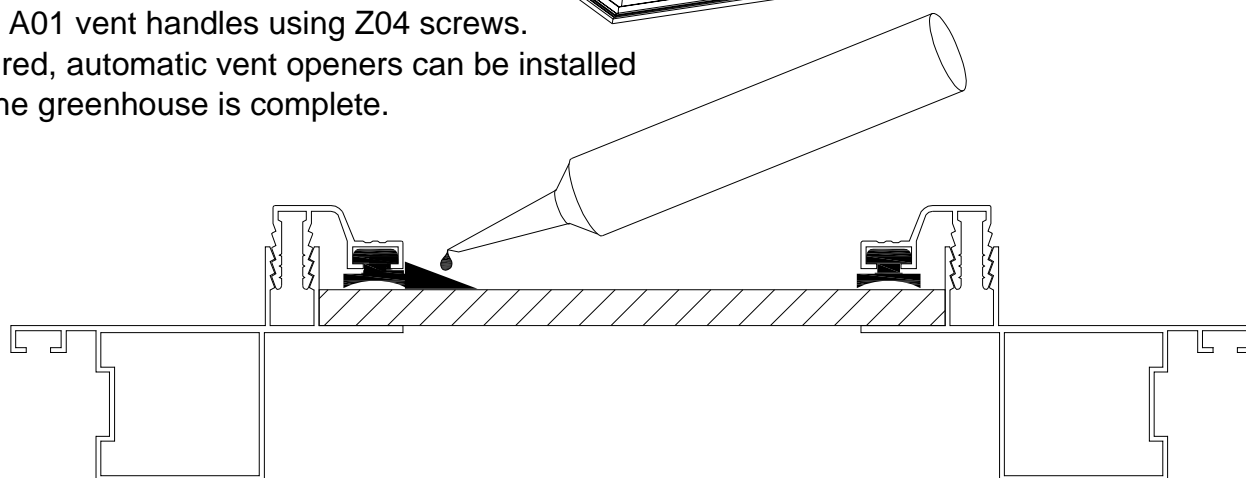


First the glazing panel Y10 should be loosely retained by the bar capping profiles L21A and L21B. Next tap the bar capping gently into position with a rubber mallet, then fix the bar capping securely with Z22 screws.



























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



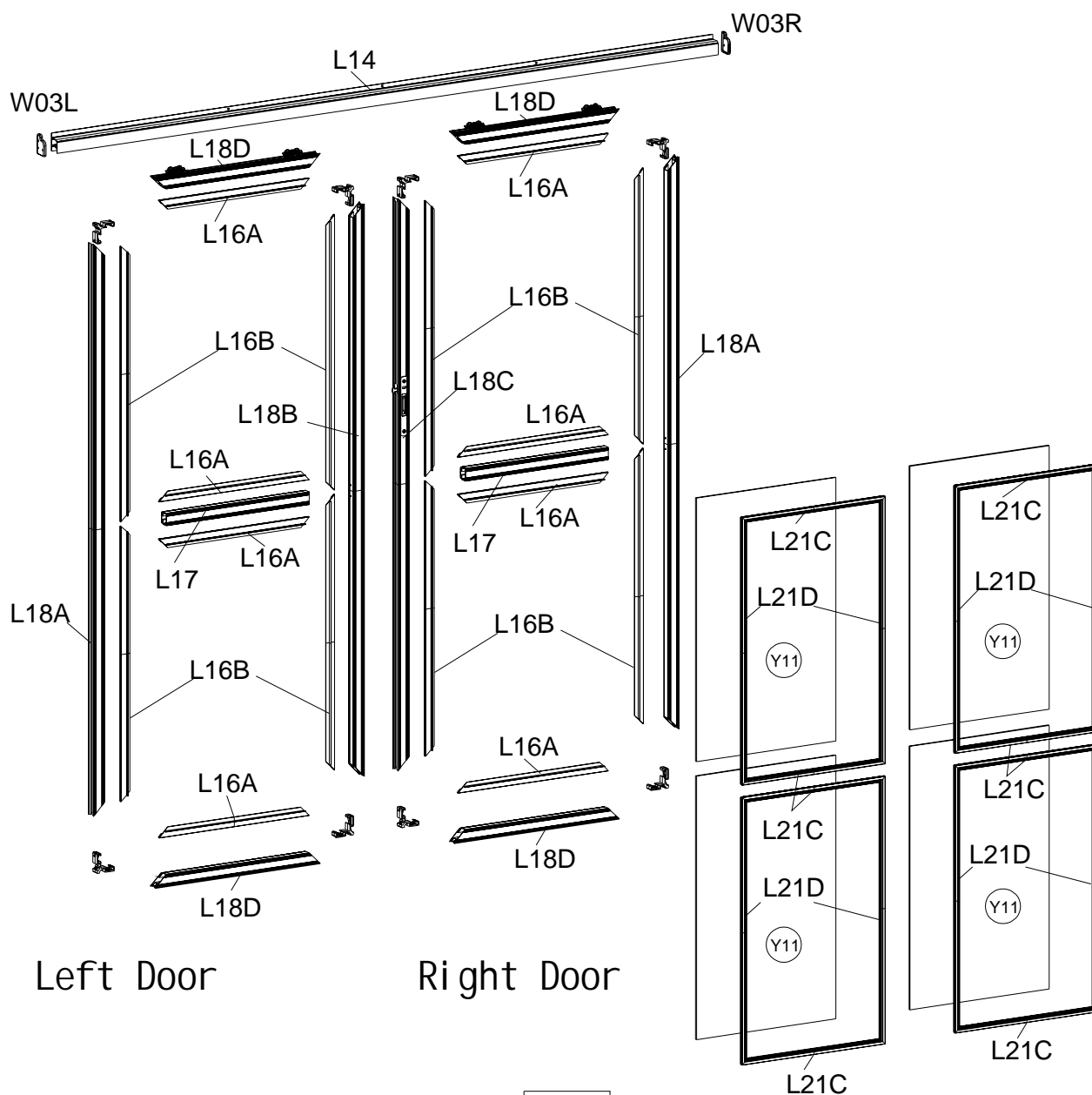
Fix the A01 vent handles using Z04 screws.  
If required, automatic vent openers can be installed once the greenhouse is complete.

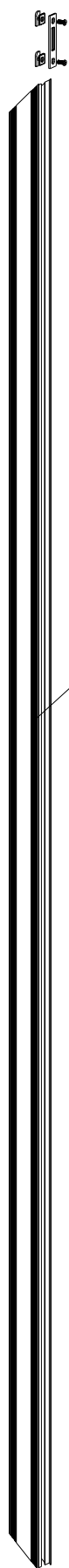


Fill silicone sealant all around Y10 and the gaps between the aluminium frames to avoid any water leaking

PART	NO	QTY	PART	NO	QTY	PART	NO	QTY
	L14	1		A28	8		Y11	4
	L16A	8		H18	4		S15 M4X10	2
	L16B	8		J12R/L	1/1		H22 M4	2
	L17	2		S14 M6X10	3		H21	1
	L18A	2		M03 M6	3		H23	2
	L18B	1		S12 M8X30	4		H20	4
	L18C	1		M06 M8	4			
	L18D	4		Z22 Ø4X16	32			
	L21C	8		Z02 Ø4X16D	6			
	L21D	8		Z12 Ø4X50	8			

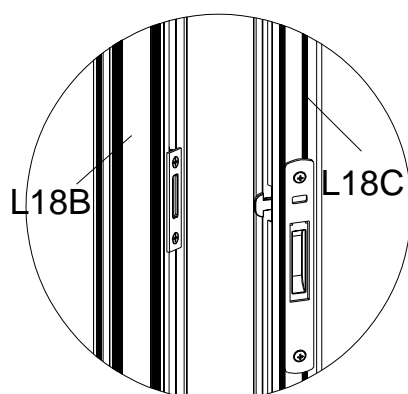
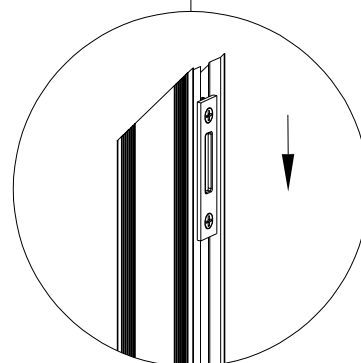
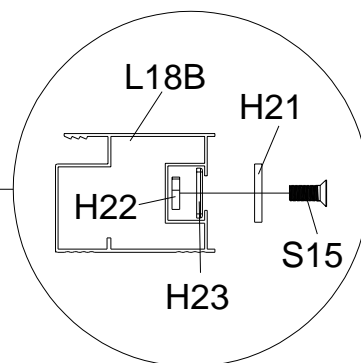
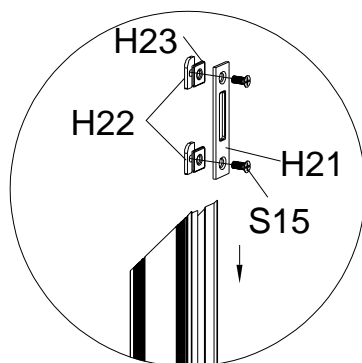
## Door Assembly





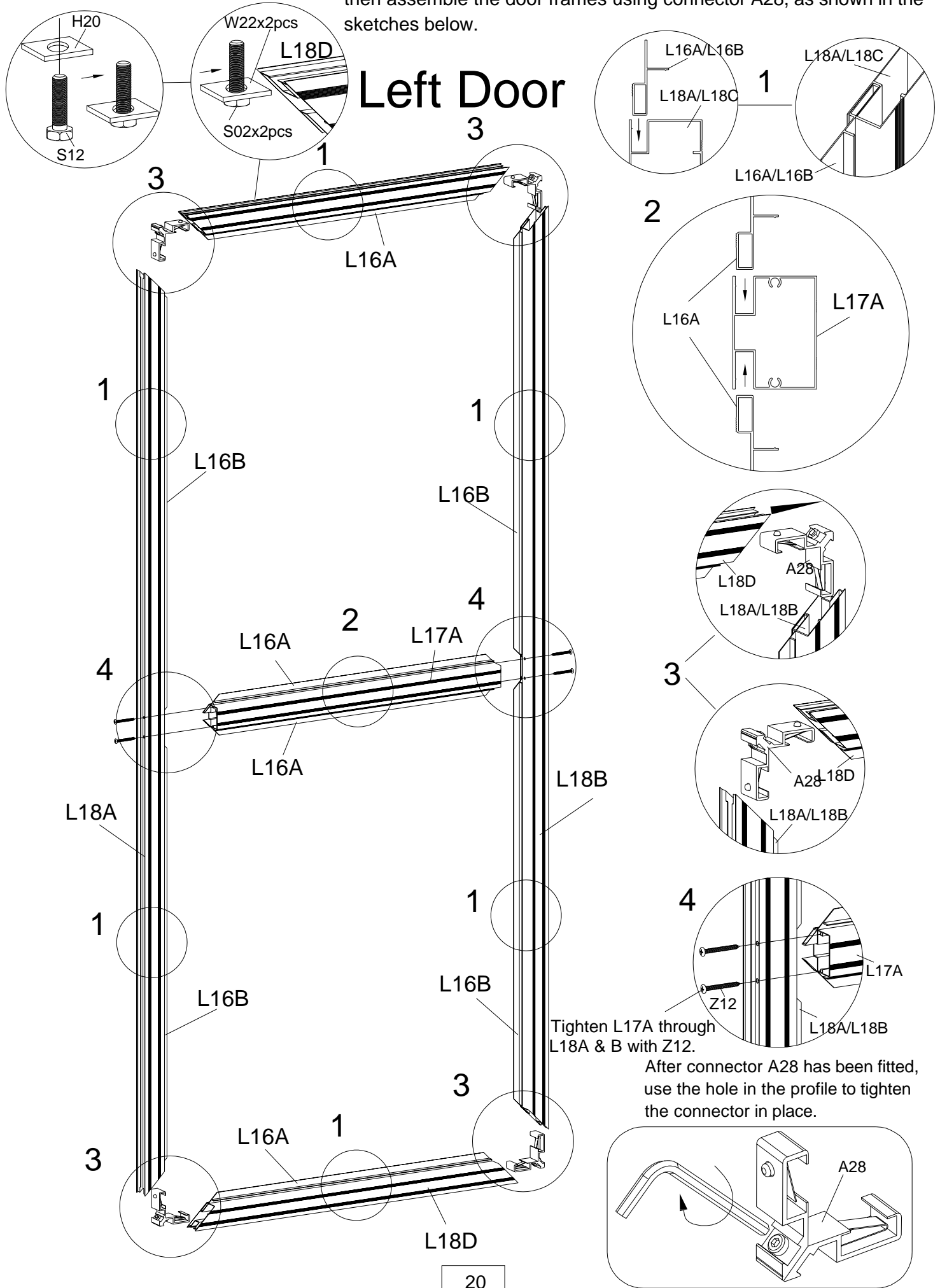
L18B

Screw S15 into the holes of H21, H23 and H22, and slide them into the channel of L18B. Adjust its position until it matches the lock on L18C, and tight it up.

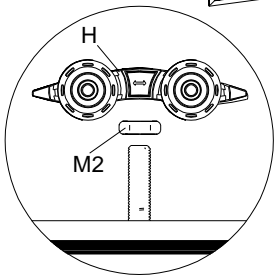
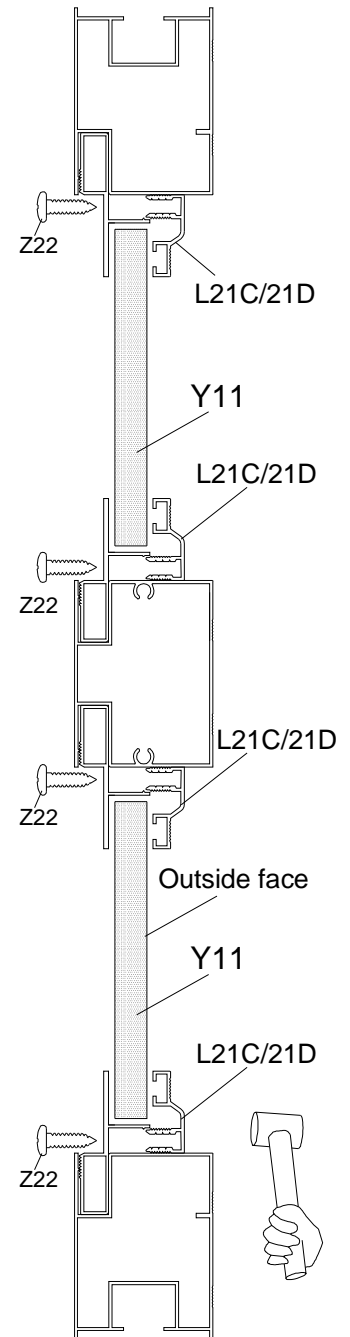
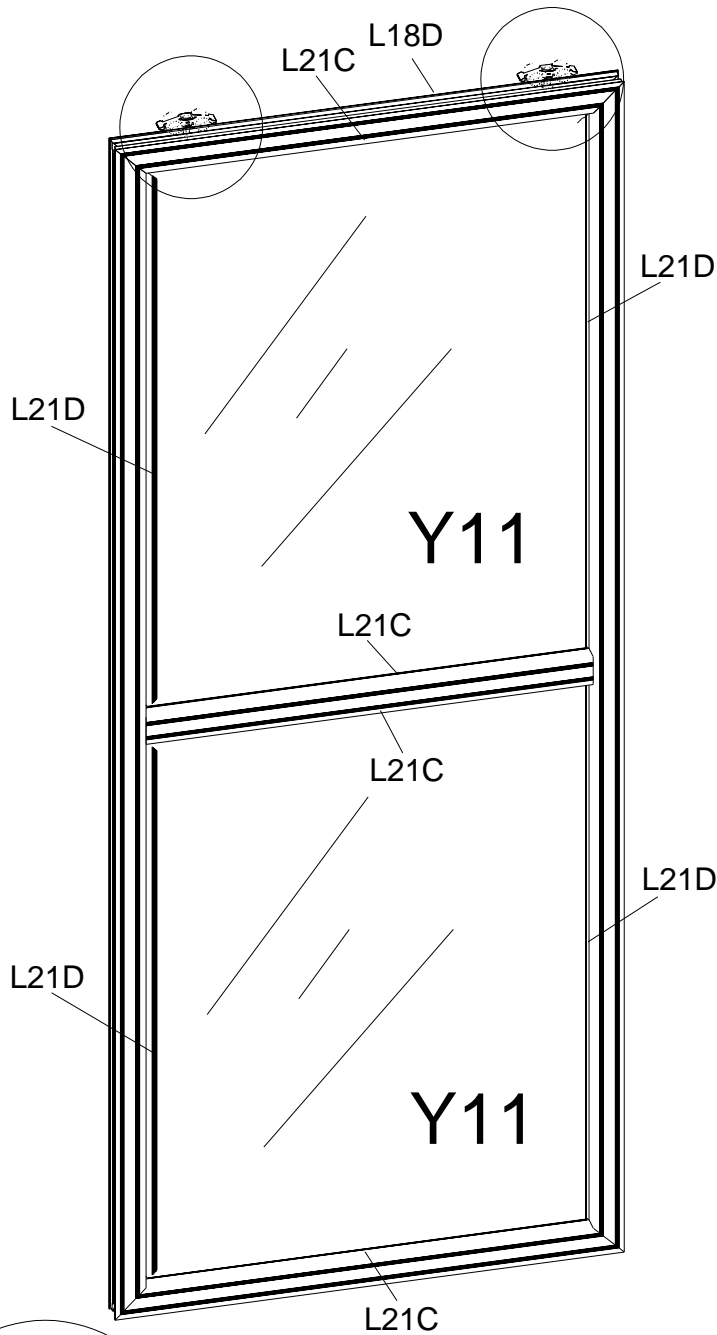


Slide L16A into L17A and L18D and slide L16B into L18A and L18B, then assemble the door frames using connector A28, as shown in the sketches below.

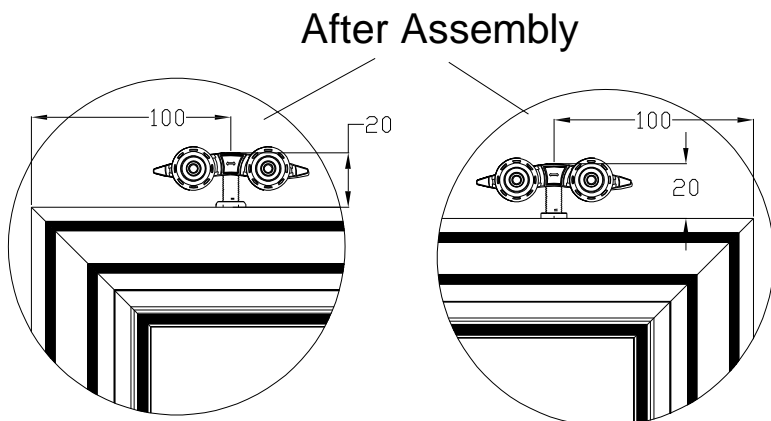
## Left Door



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.



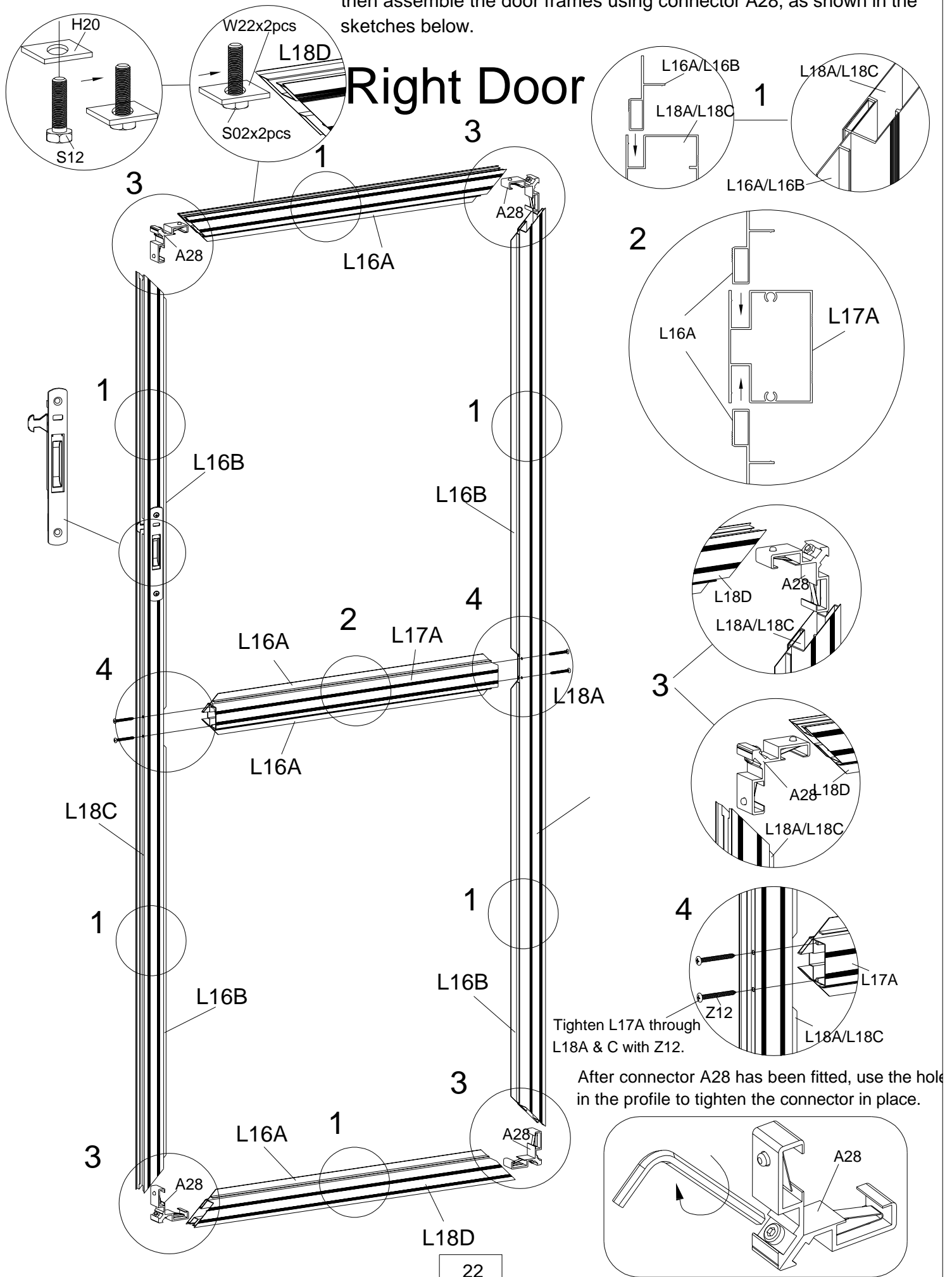
Slide 2xS02 into L18D, positioned 100mm away from each edge. Secure S12 using M06 bolts, then rotate the wheels to ensure free movement.



\* This is the method of adjusting the door height.

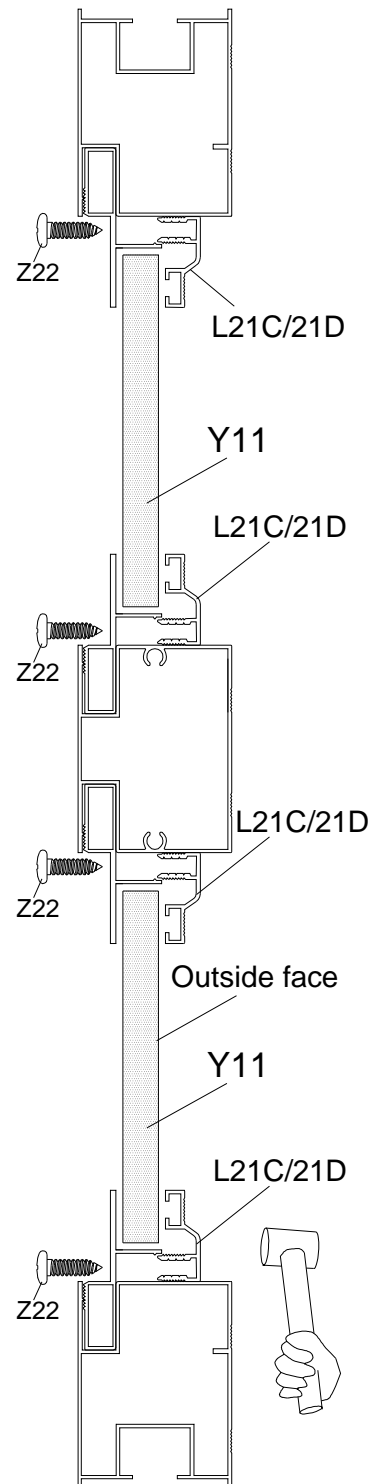
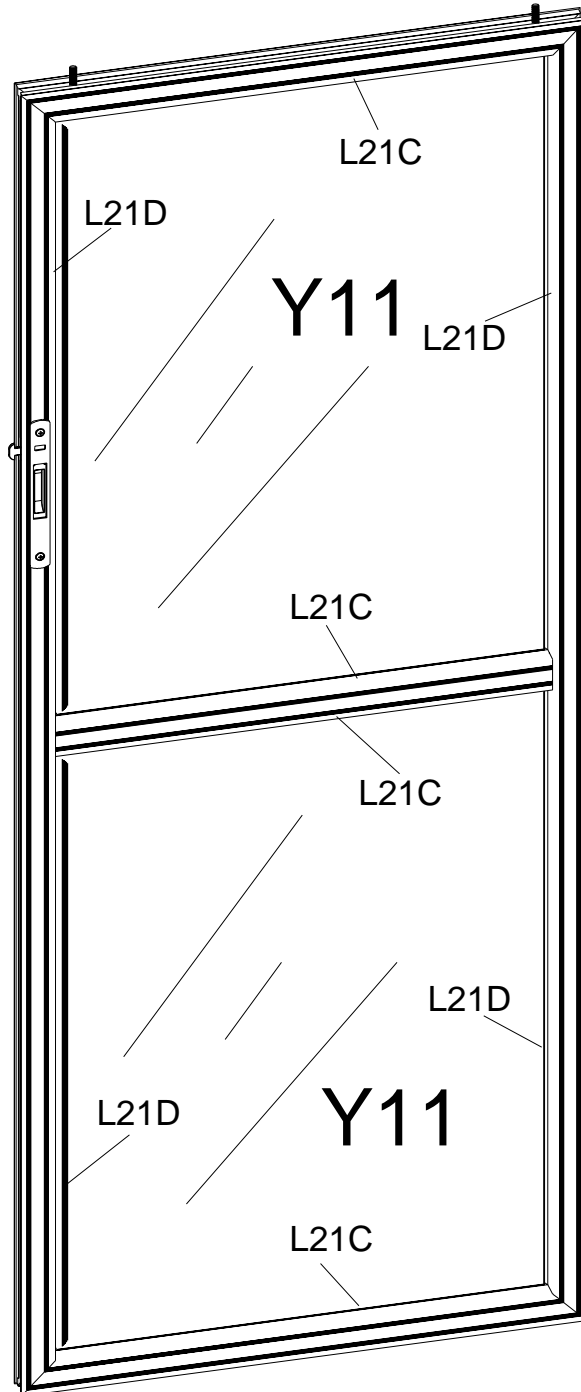
Slide L16A into L17A and L18D and slide L16B into L18A and L18C, then assemble the door frames using connector A28, as shown in the sketches below.

## Right Door

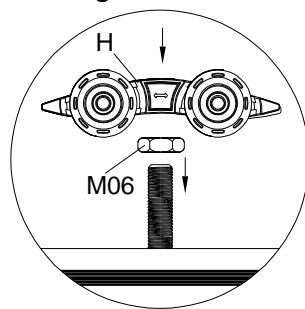




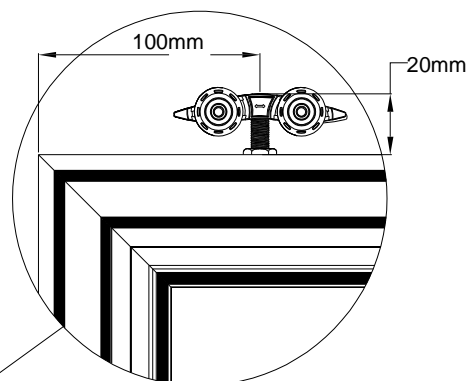
First the glazing panels should be loosely retained by the bar capping profiles L21C and L21D. Next tap the bar capping gently into position with a rubber mallet, then fix the bar capping securely with Z22 screws.



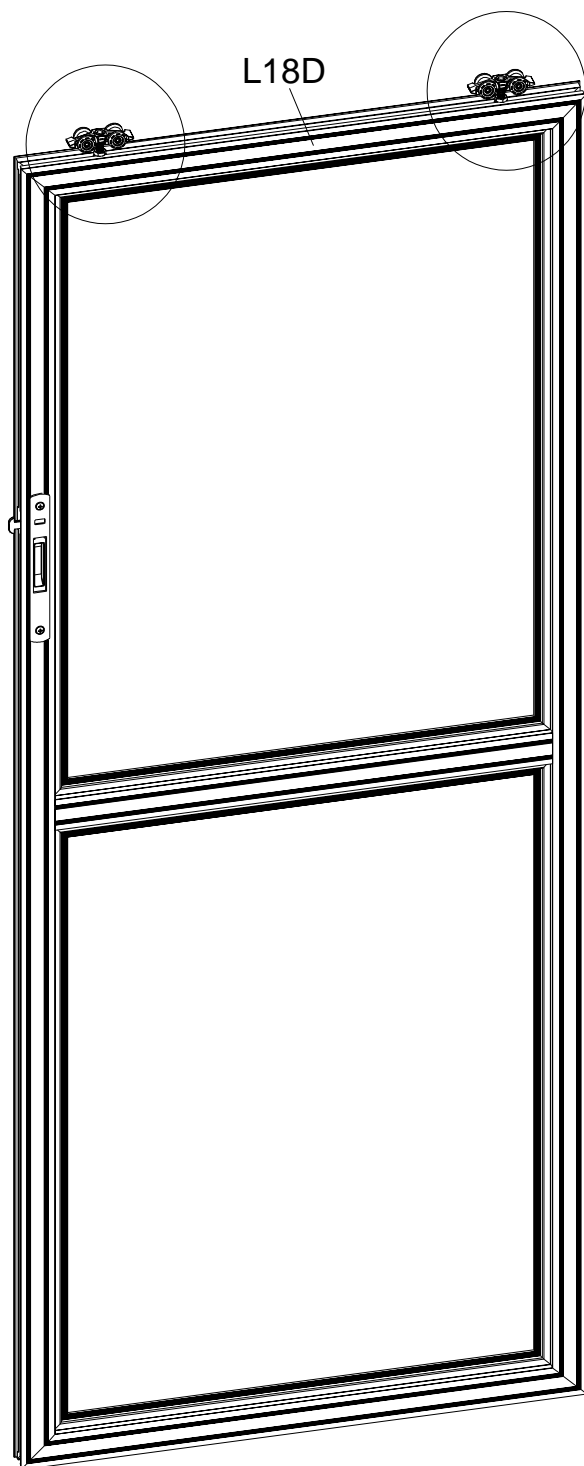
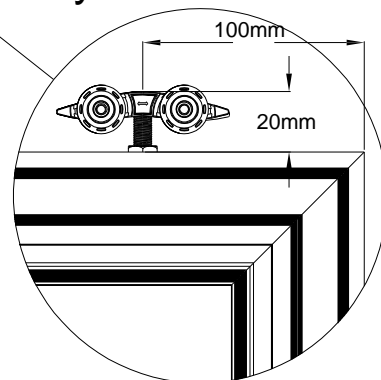
Slide 2xS02 into L18D, positioned 100mm away from each edge.  
Secure S12 using M06 bolts, then rotate the wheels  
to ensure free movement.

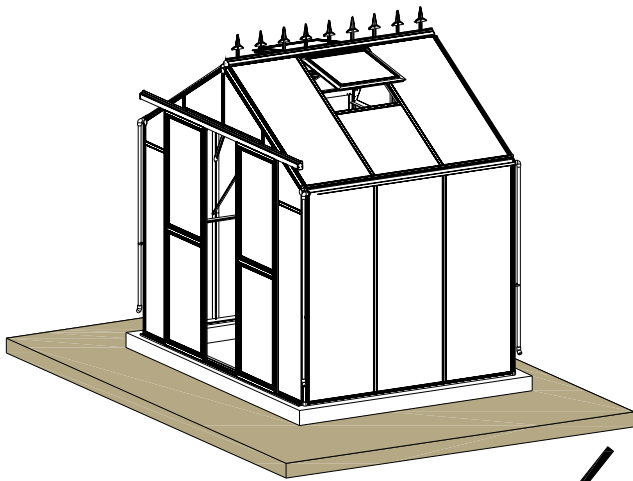


\* This is the method of  
adjusting the door height.

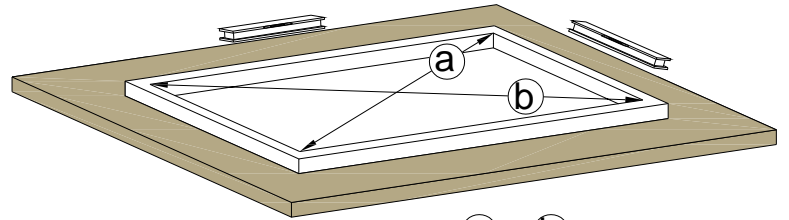


After Assembly

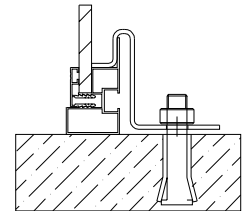
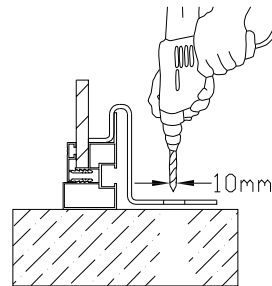




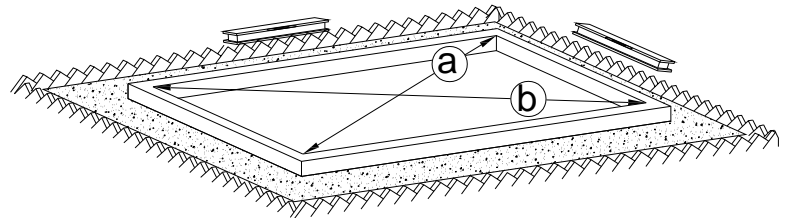
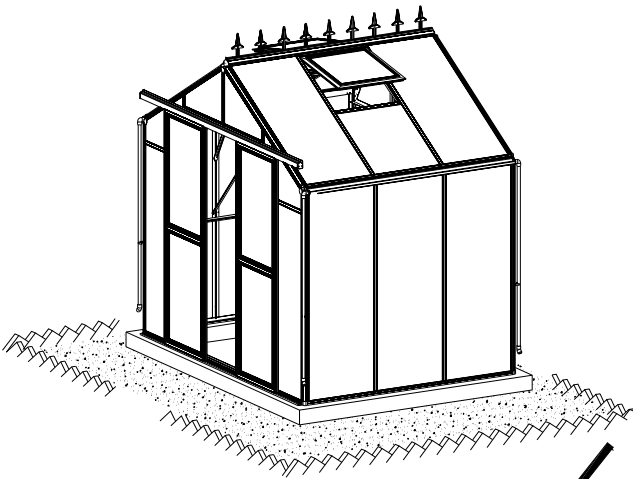
It is essential the dimensions  $a + b$  are the same to ensure the base is square.



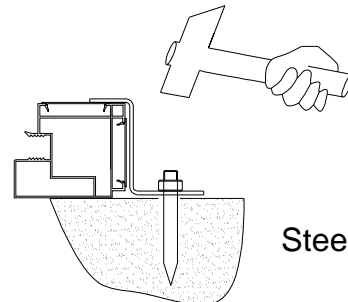
$$a = b$$



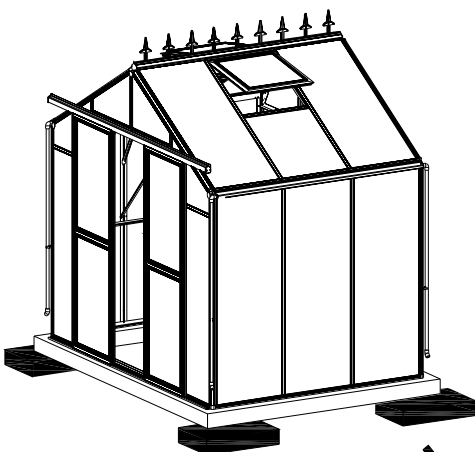
Expansion  
screw/Concrete  
ground



$$a = b$$

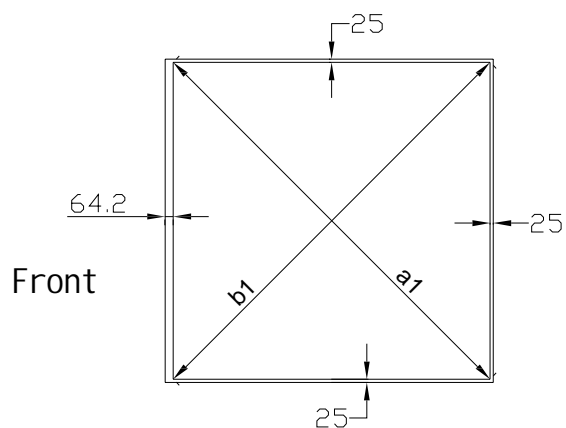
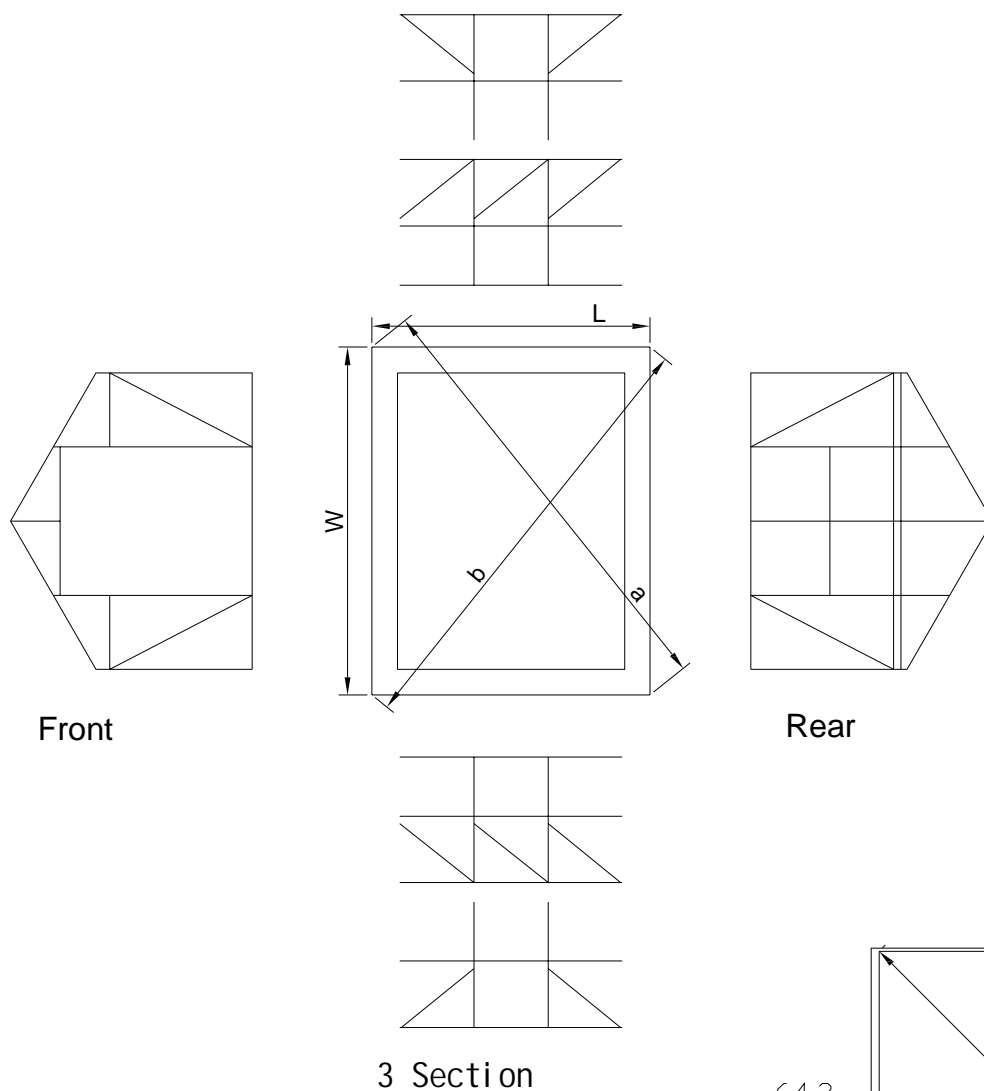


Steel pegs in soil



Support at the corners only is inadequate.

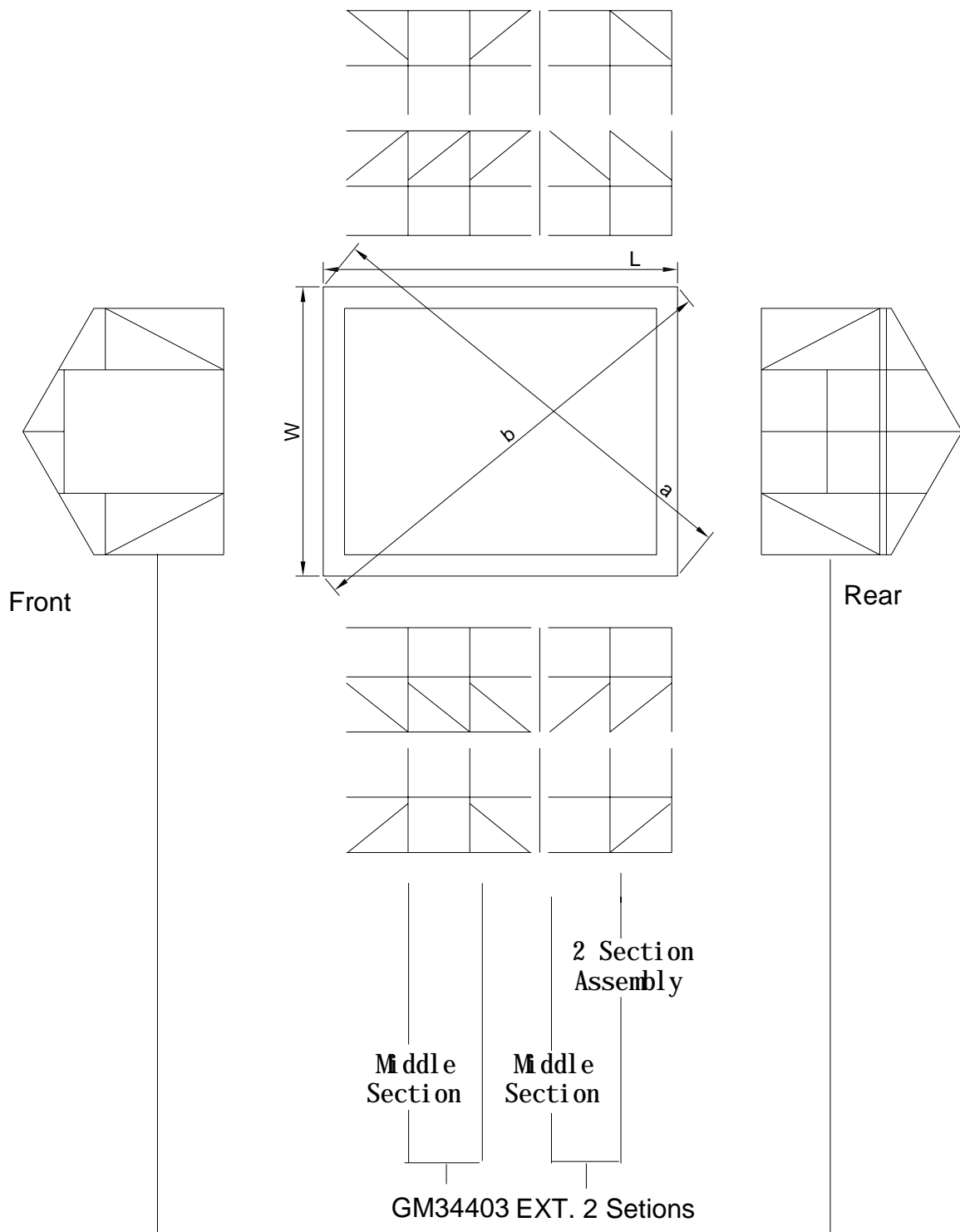
# GM34403



产品型号 代号	GM34403	GM34405	GM34407	GM34409	GM34411	etc.
W <sub>(mm)</sub>	2528.2	2528.2	2528.2	2528.2	2528.2	
L <sub>(mm)</sub>	1949.9	3184.9	4419.9	5654.9	6889.9	
a=b <sub>(mm)</sub>	3192.8	4066.4	5091.9	6194.3	7339.1	
a1=b1 <sub>(mm)</sub>	3108	3952.8	4948.6	6020.9	7135.2	

- \* W= Outer Width of Base Profiles
- \* L= Outer Length of Base Profiles
- \* a=b= Outer Diagonal of Base Profiles
- \* a1=b1= Inner Diagonal of Base Profiles












# GM34405

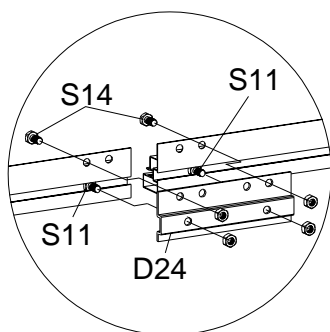
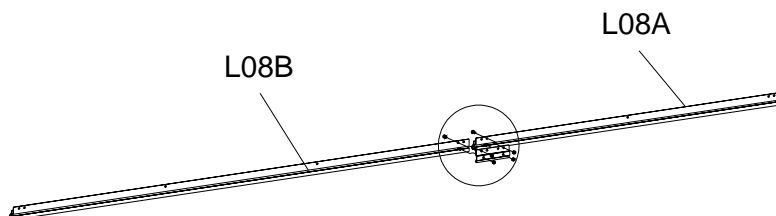


\* The basic model, GM34403, can be easily extended by adding '2 Section Assembly' each time for a longer size.

# Attention:

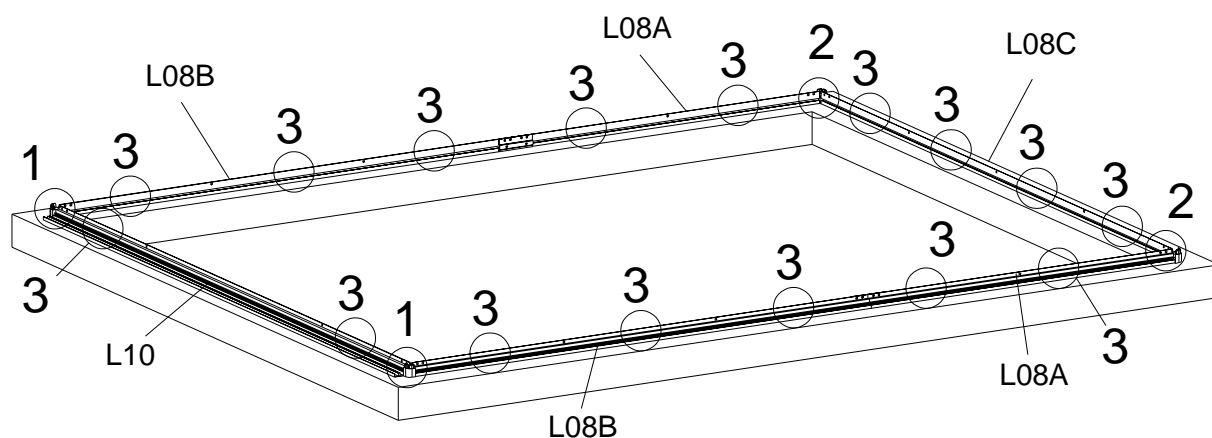
the following steps are assembly example for GM34405 (GM34403 + one EXT.2 Sections). If you only buy the basic GM34403, there will be only L08B, without L08A. If your greenhouse consists of more than one extension module, then you will have more D24 joining plates to join the L08B and A's.

PART	NO	QTY
	L08A	2
	L08B	2
	L08C	1
	L10	1
	D07	15
	D24	2
	J11	4
	S08 M8X60	15
	S11 M6X20	4
	S14 M6X10	8
	M03 M6	12

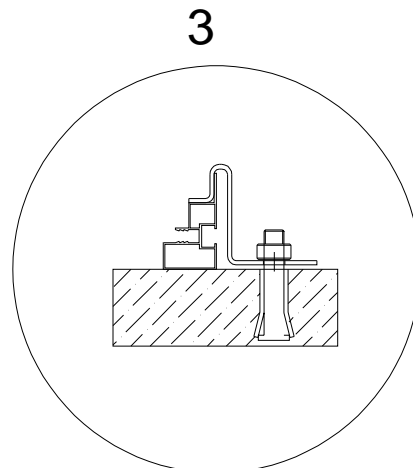
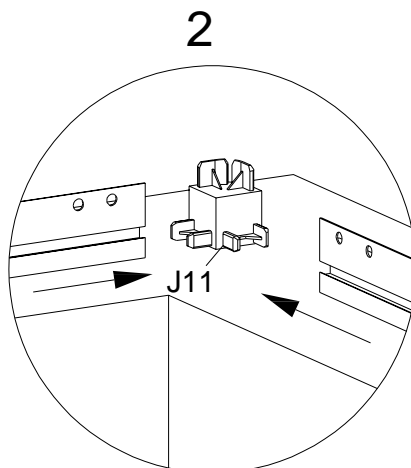
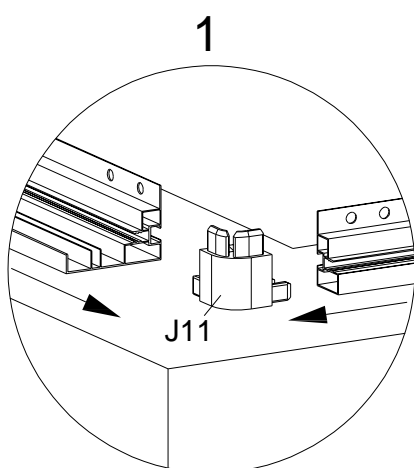









Assemble L08A & B through D24, then tighten them with bolts and nuts.

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

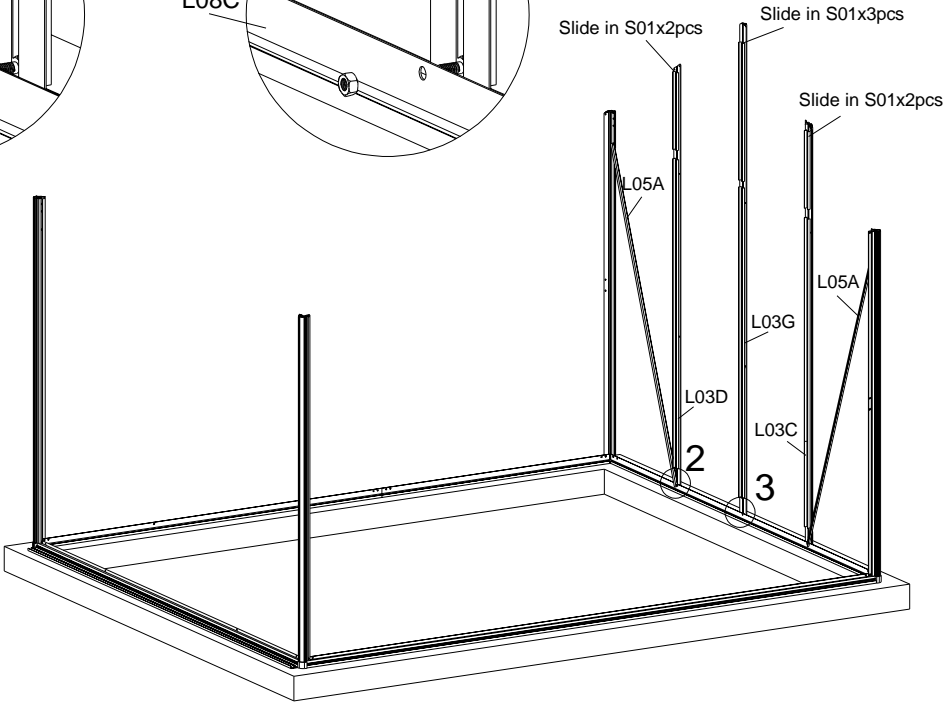
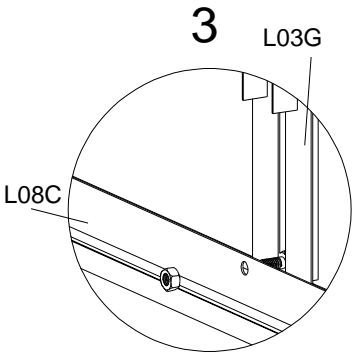
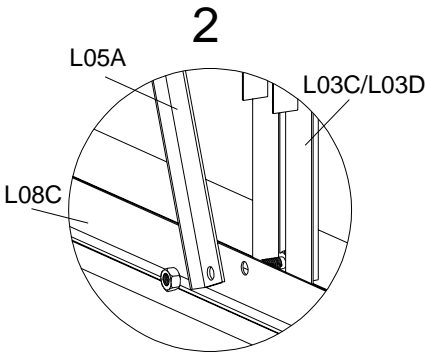
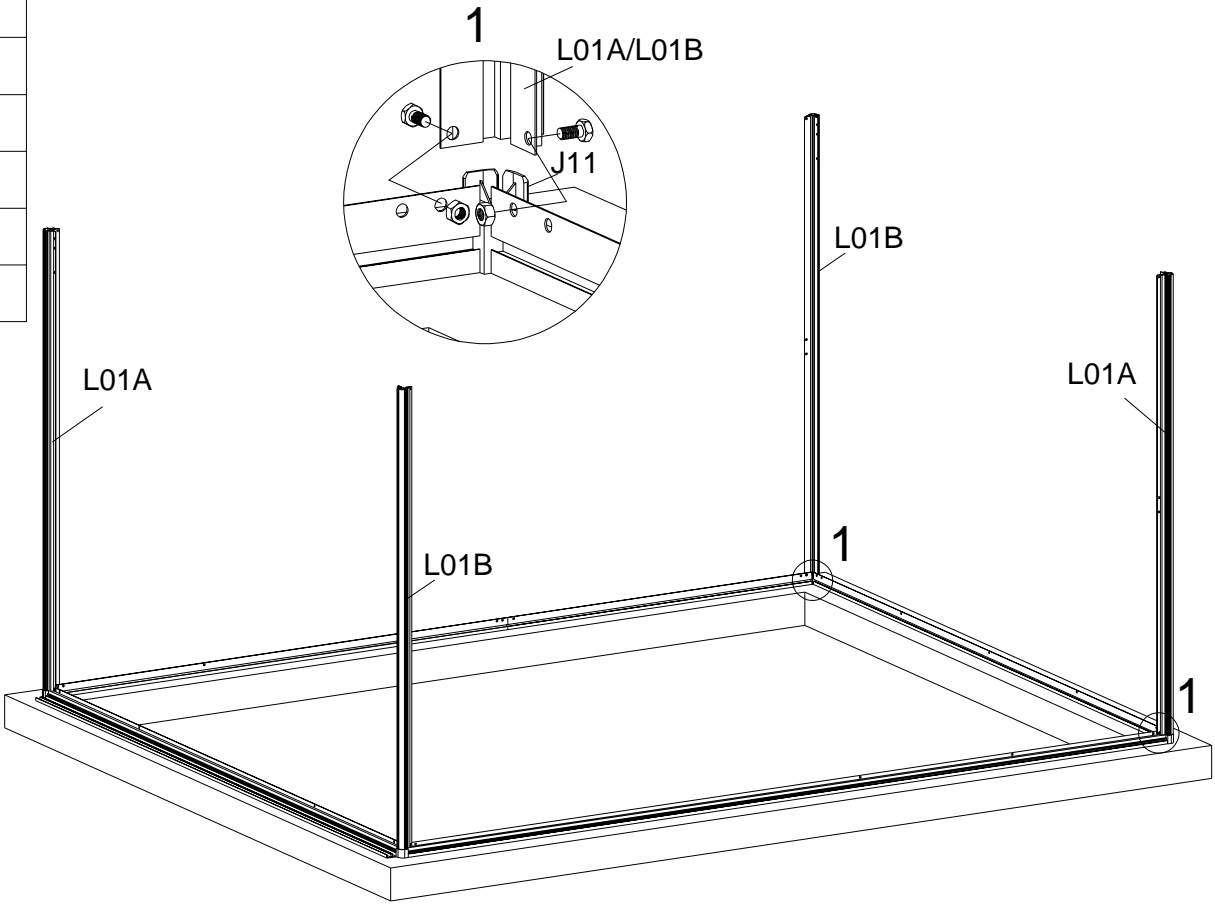








\* It is essential that the L10 door cill is flat and level to ensure the smooth operation of the door

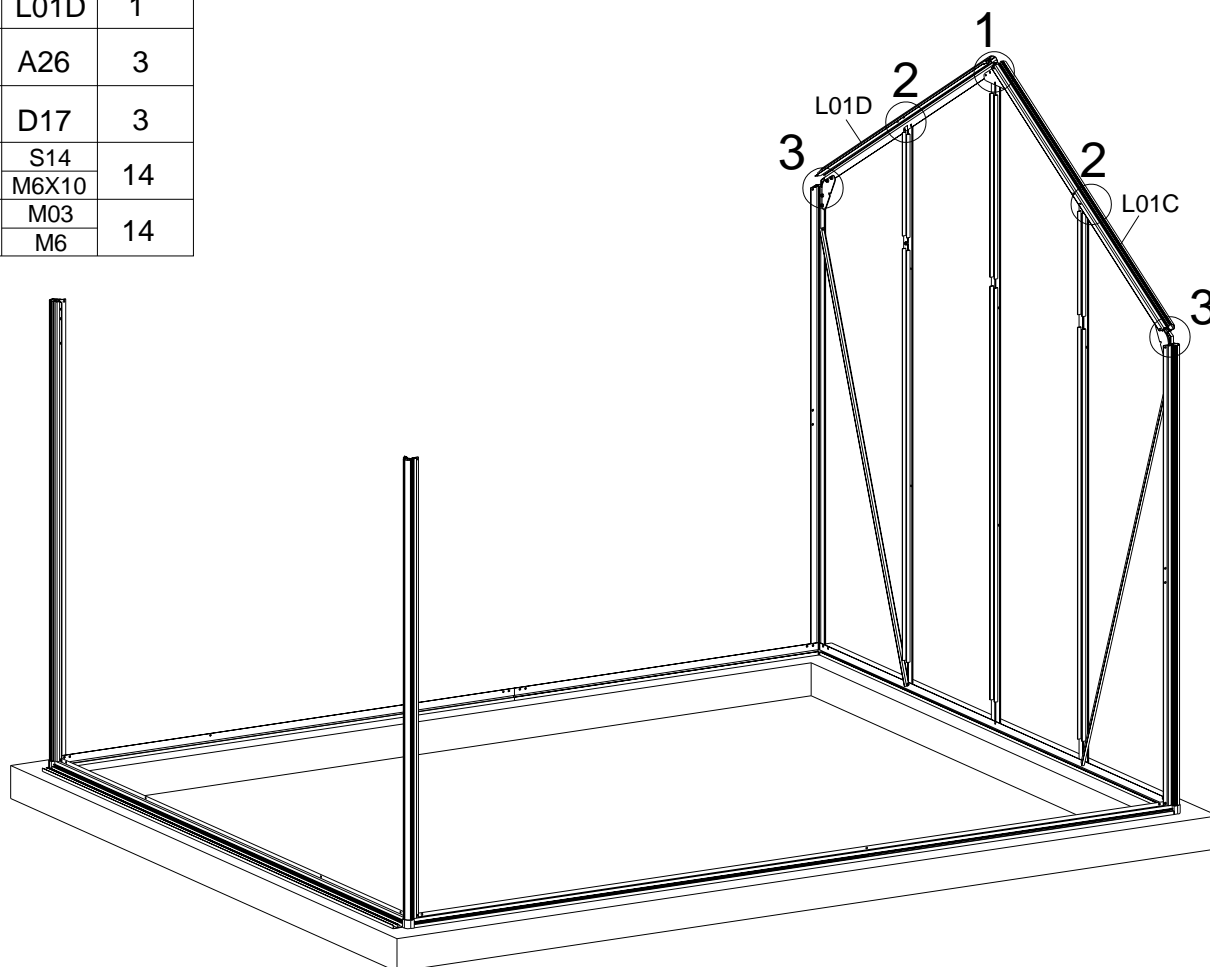


PART	NO	QTY
	L01A	2
	L01B	2
	L03C	1
	L03D	1
	L05A	2
	S14 M6X10	17
	M03 M6	17

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

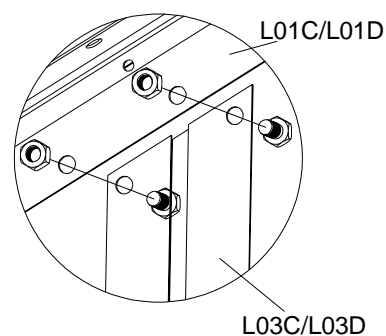
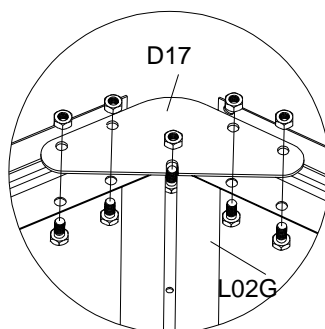
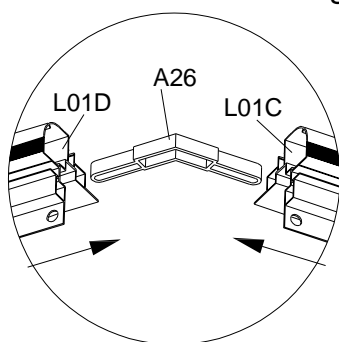


PART	NO	QTY
	L01C	1
	L01D	1
	A26	3
	D17	3
	S14 M6X10	14
	M03 M6	14

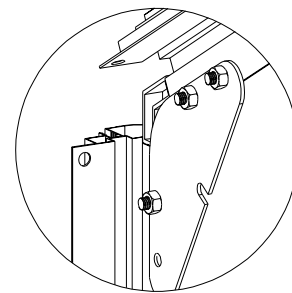
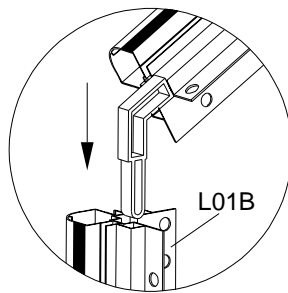
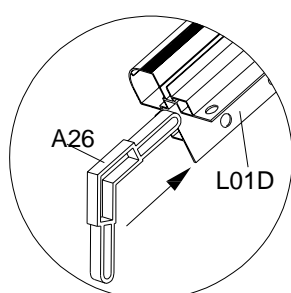


- 1** Install L01C and L01D using connector A26 and part D17, then tighten them with the nuts and bolts provided.






**2**

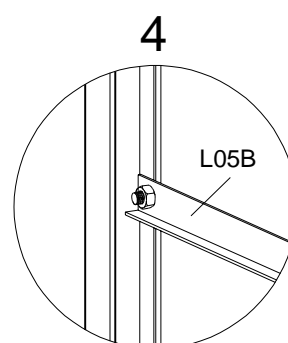
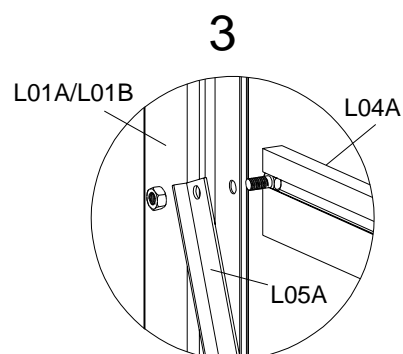
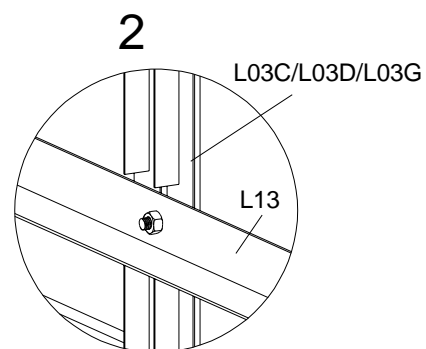
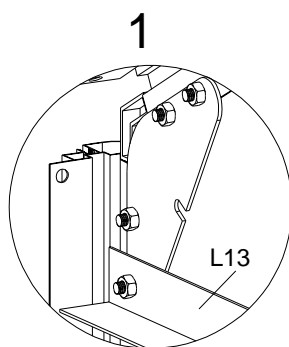


- 3** Connect L01B to L01D and L01A to L01C using connector A26 and part D17, then tighten them with the nuts and bolts provided.

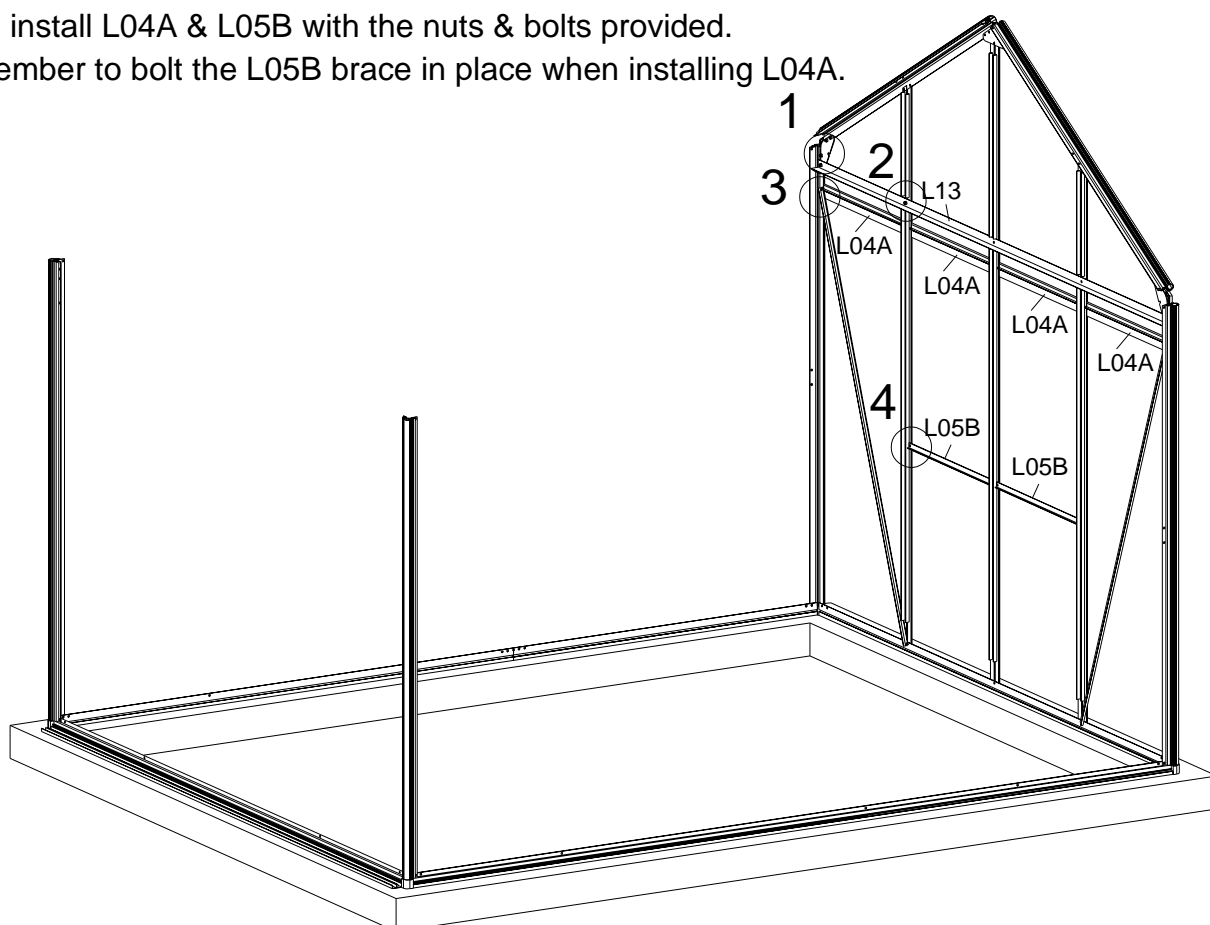














PART	NO	QTY
	L04A	4
	L05B	2
	L13	1
	S14 M6X10	12
	M03 M6	12

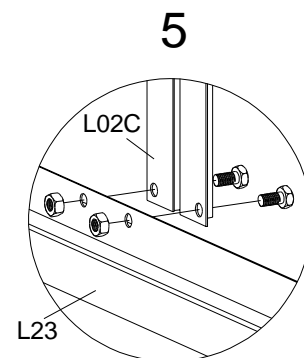
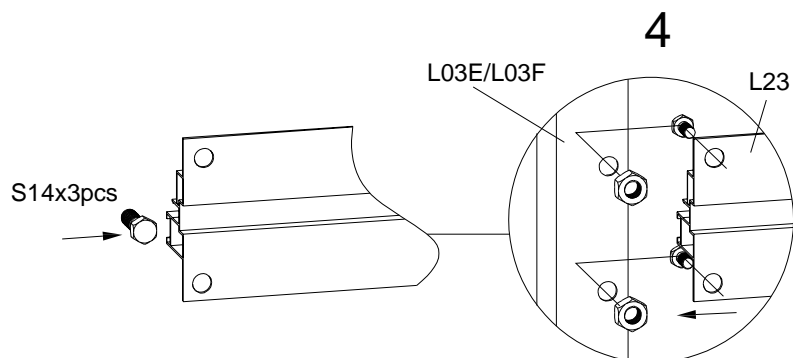
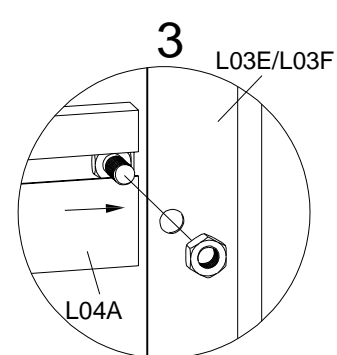
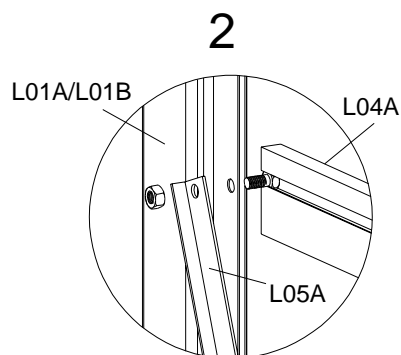
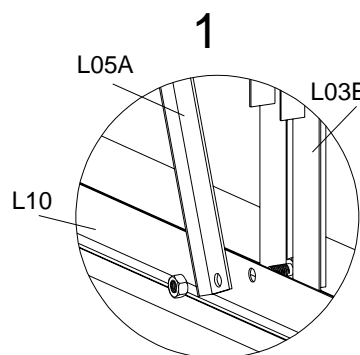
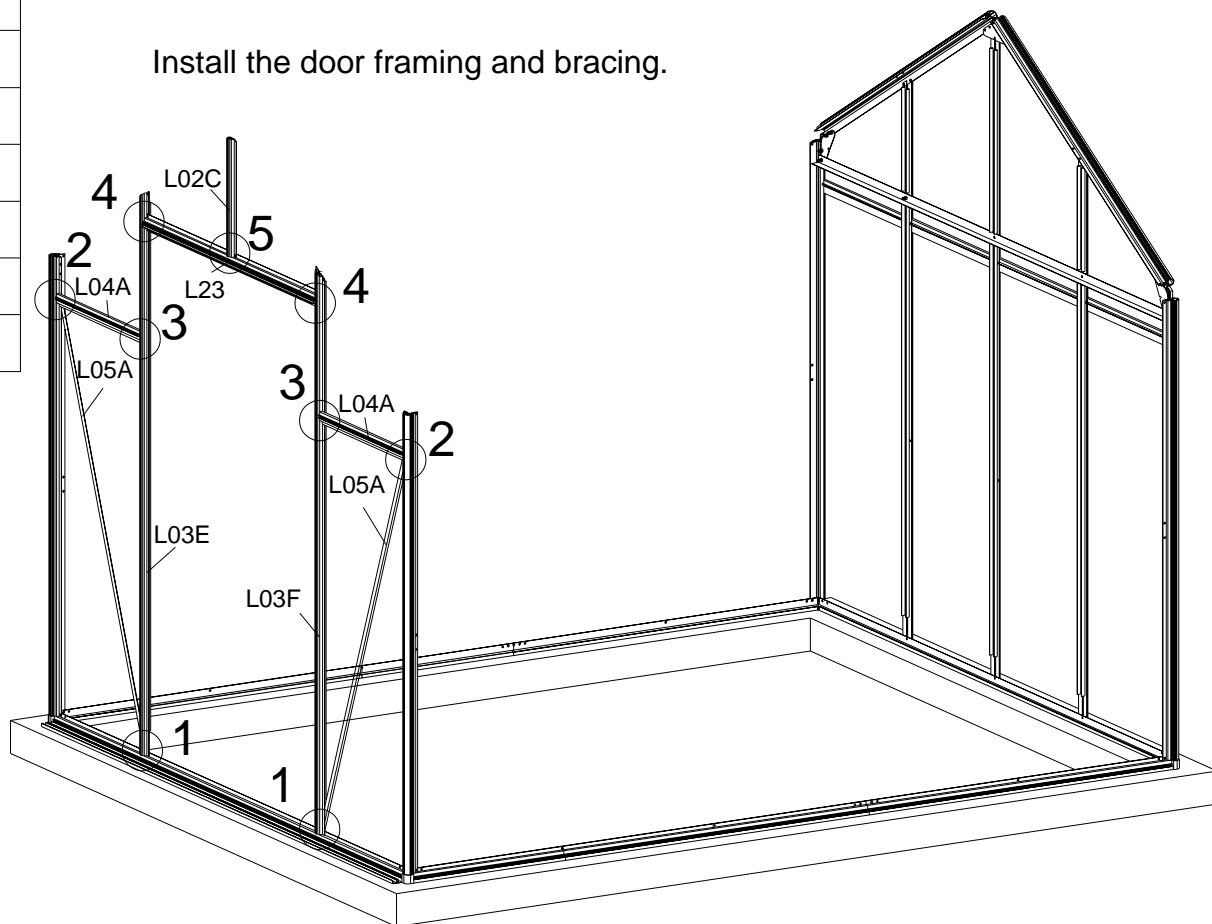








Install L13 horizontal braces in the rear wall.  
Then install L04A & L05B with the nuts & bolts provided.  
Remember to bolt the L05B brace in place when installing L04A.



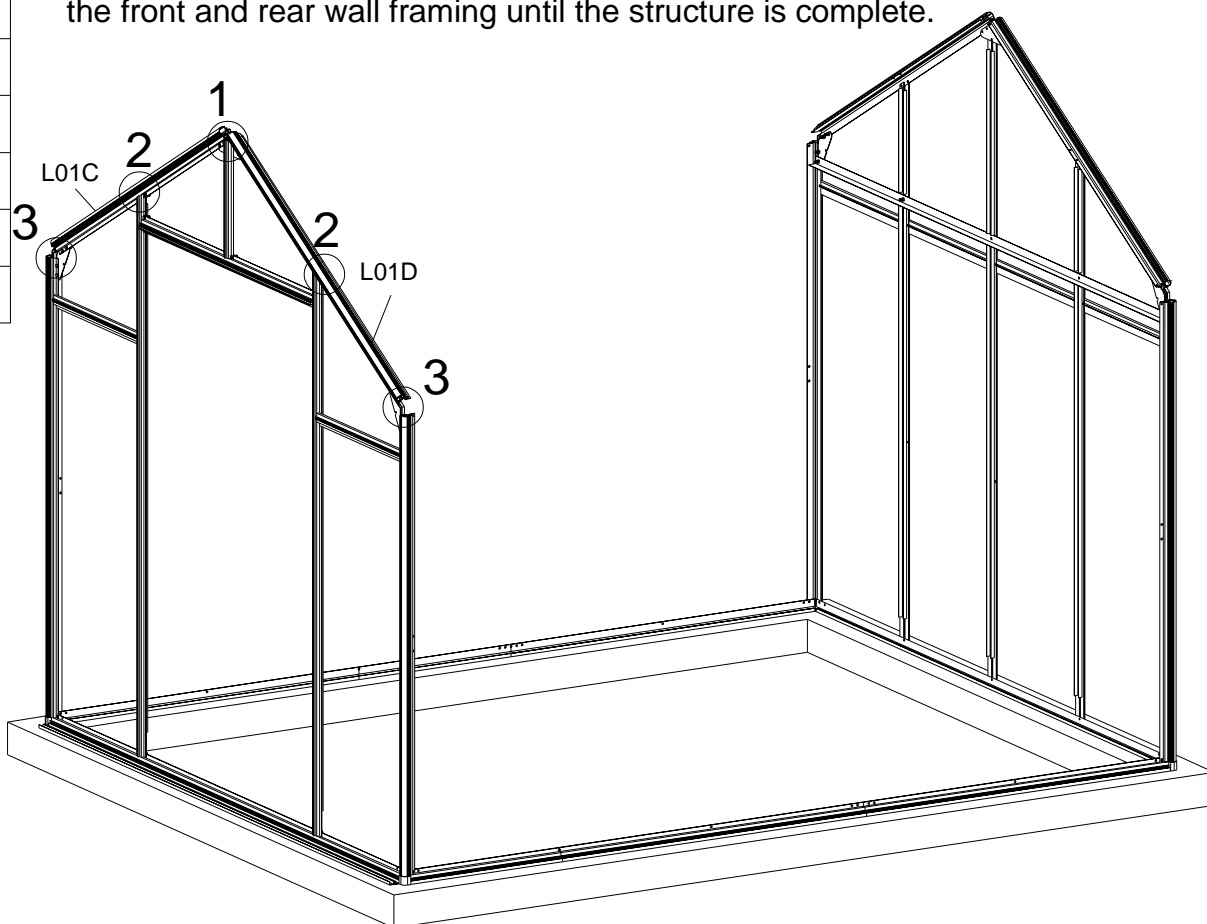
PART	NO	QTY
	L02C	1
	L03E	1
	L03F	1
	L04A	2
	L05A	2
	L23	1
	S14	15
	M6X10	
	M03	
	M6	12

Install the door framing and bracing.

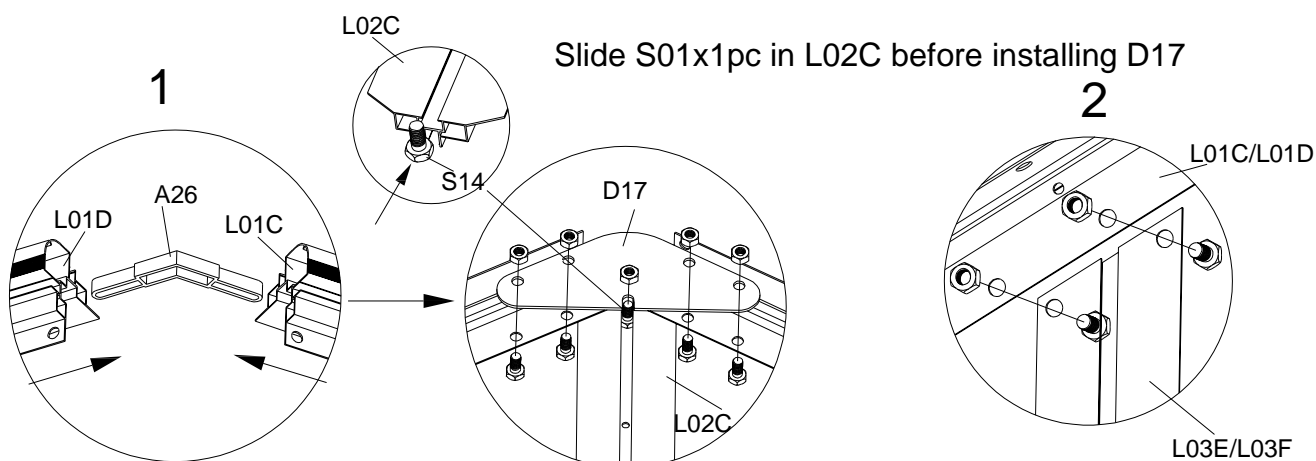


PART	NO	QTY
	L01C	1
	L01D	1
	A26	3
	D17	3
	S14 M6X10	17
	M03 M6	17

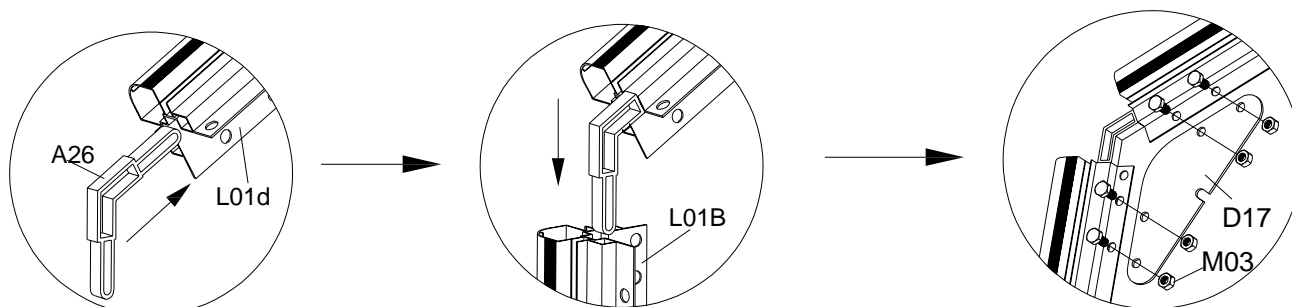
\* During construction please ensure you temporarily support the front and rear wall framing until the structure is complete.



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

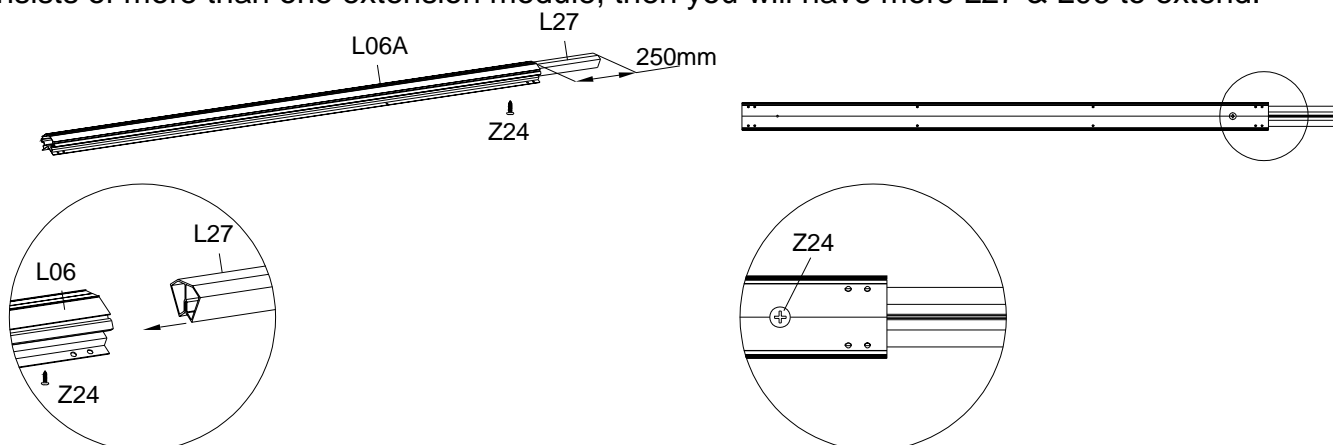


3 Connect L01B to L01D and L01A to L01C using connector A26 and part D17, then tighten them with the nuts and bolts provided.

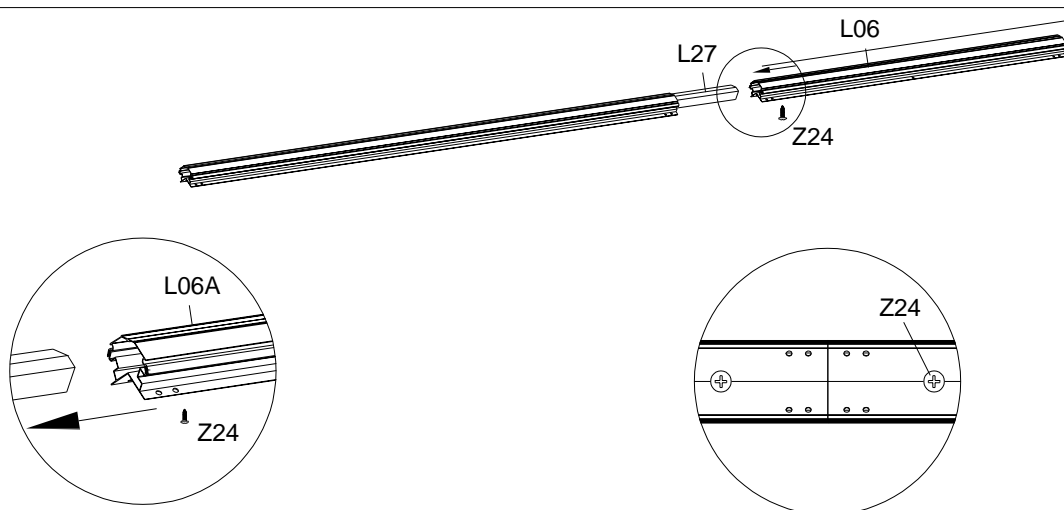


## Attention:

If you only buy the basic GM34403, 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.

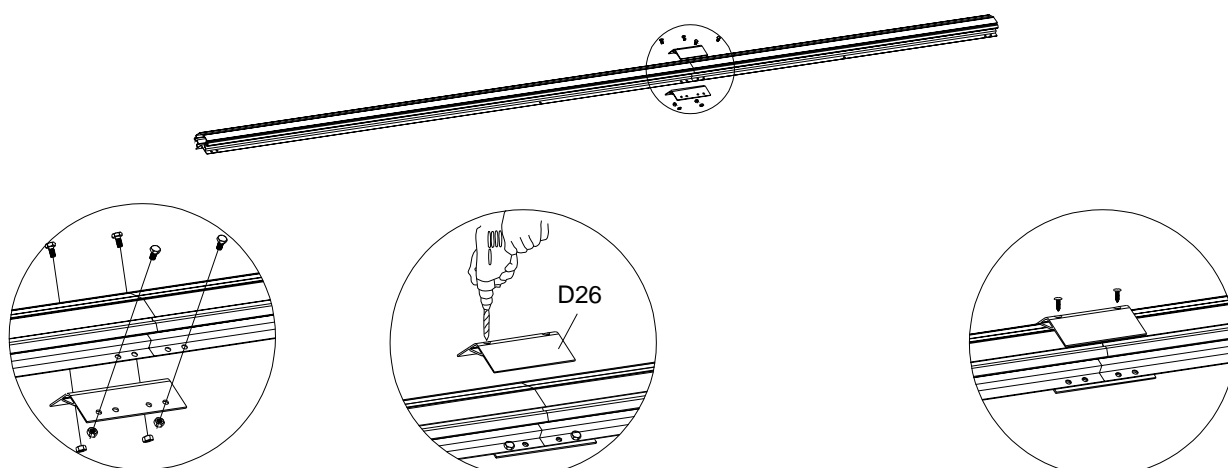


Insert half part of L27 into L06, leaving 250mm length of L27. Then secure L27 and L06 with Z24.



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

Insert another end of L27 into L06, and ensure the junction works properly. Then secure them with Z24

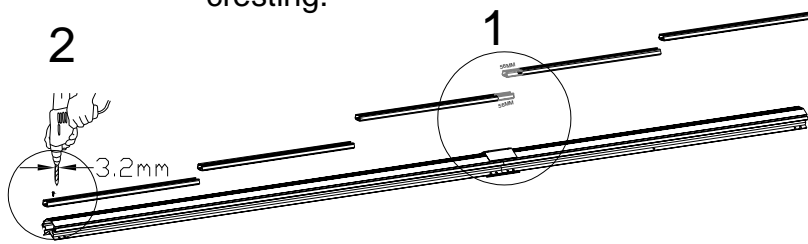


Assemble L06A & L06 through D27 with bolts and nuts.

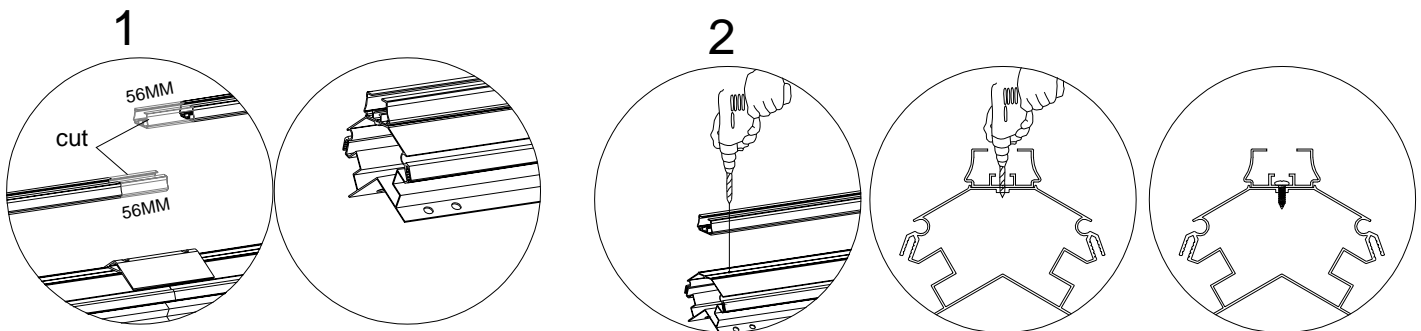
Put D26 on the junction of L06A & L06, then drill the holes on L06A & L06 through the holes of D26, Dia.3.2mm.

Tighten D26 with Z22.

Please follow these steps if your order includes decorative crestring.

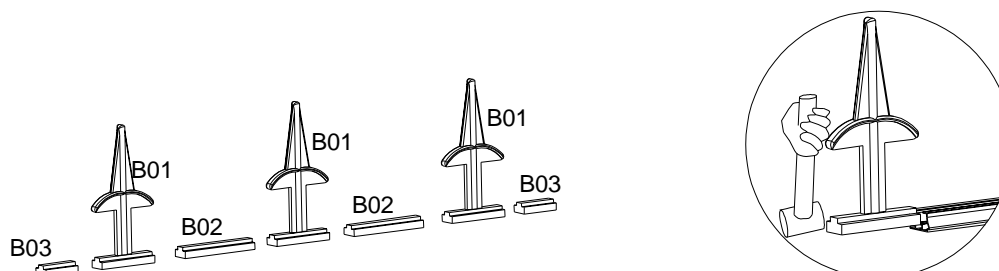
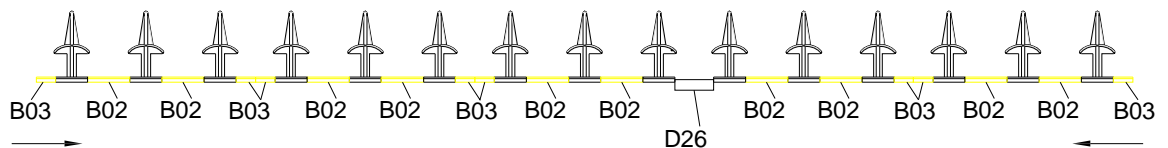


PART	NO	QTY
	L26A	5
	B01	15
	B02	10
	B03	10
	Z08 M4.2X16	4



Cut off 56mm from two profiles, L26A, near to D26, and then install all L26A onto L06A & L06, making sure L26A matches the lengths of L06A & L06 (See Fig. above).

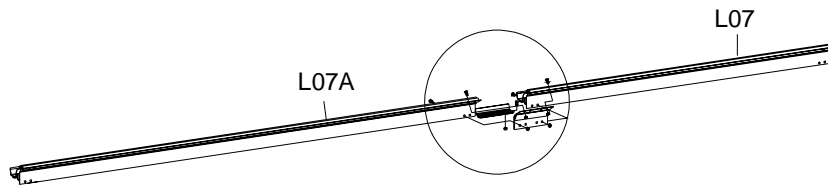
Drill one hole on both sides of L26A, Dia.3.2mm, 150mm from centre of each L26A, through L06A & L06, and then tighten them with Z22 (see Fig. above).



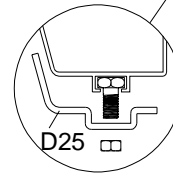
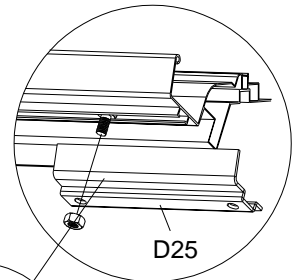
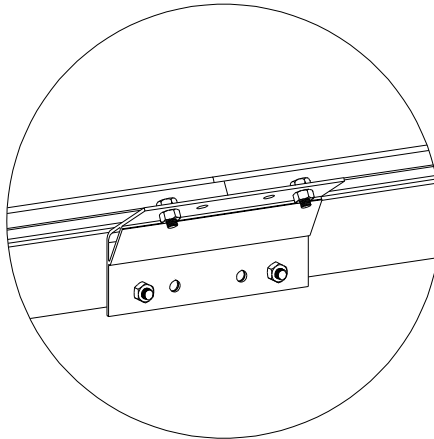
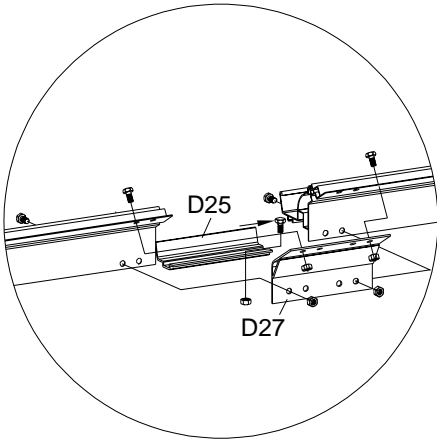
Slide B01, B02 and B03 into each side of L26 in the correct order. Use a rubber mallet if needed.







## Attention:

If you only buy the basic GM34403, 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.

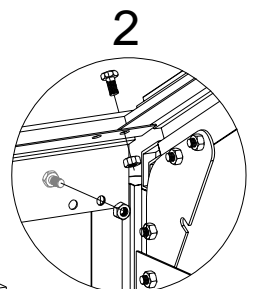
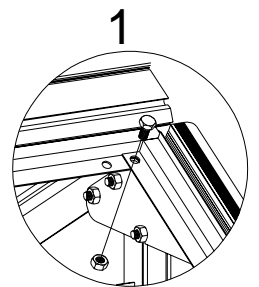
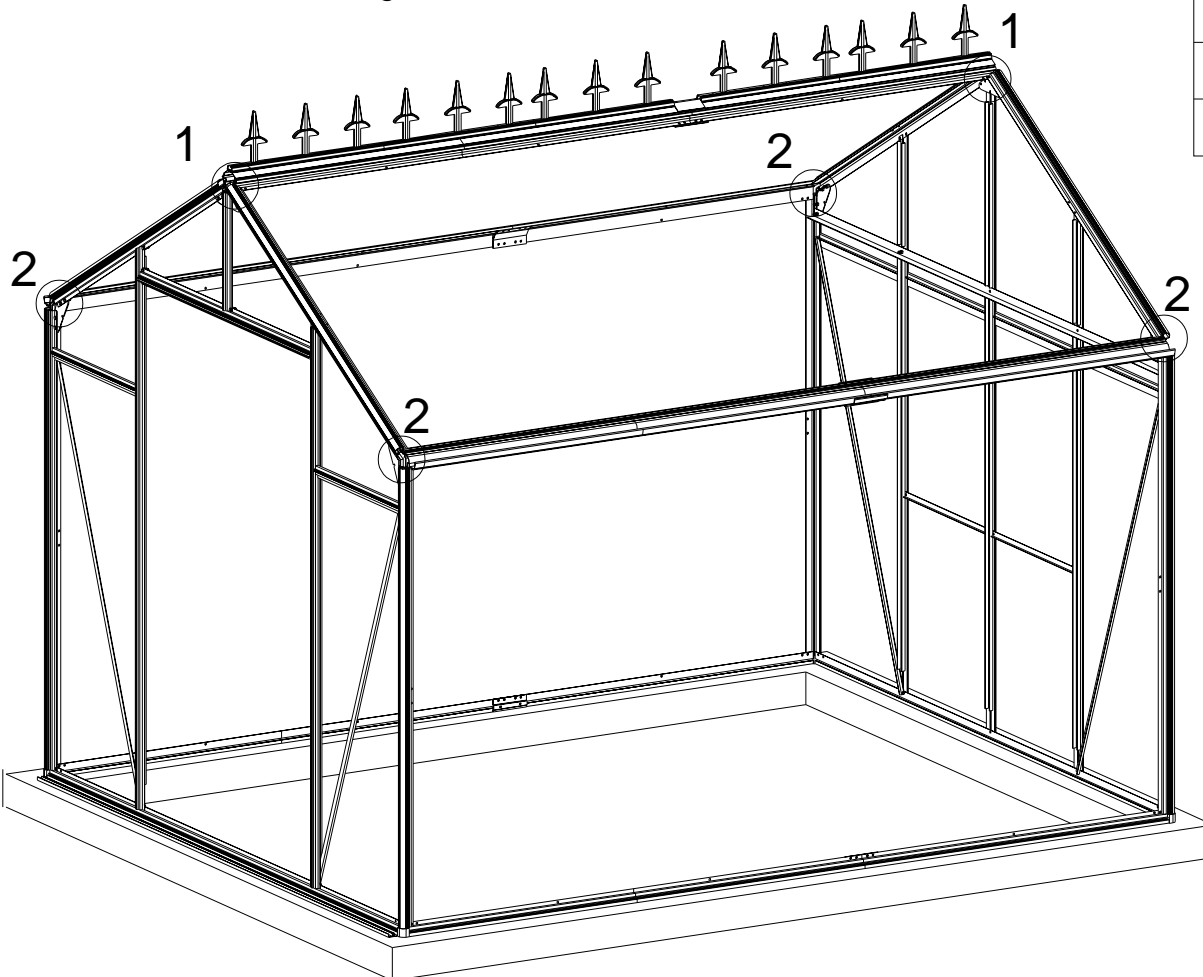


Assemble L07 & L07A through D25 & D27, and tighten them with bolts and nuts (see Fig. below).

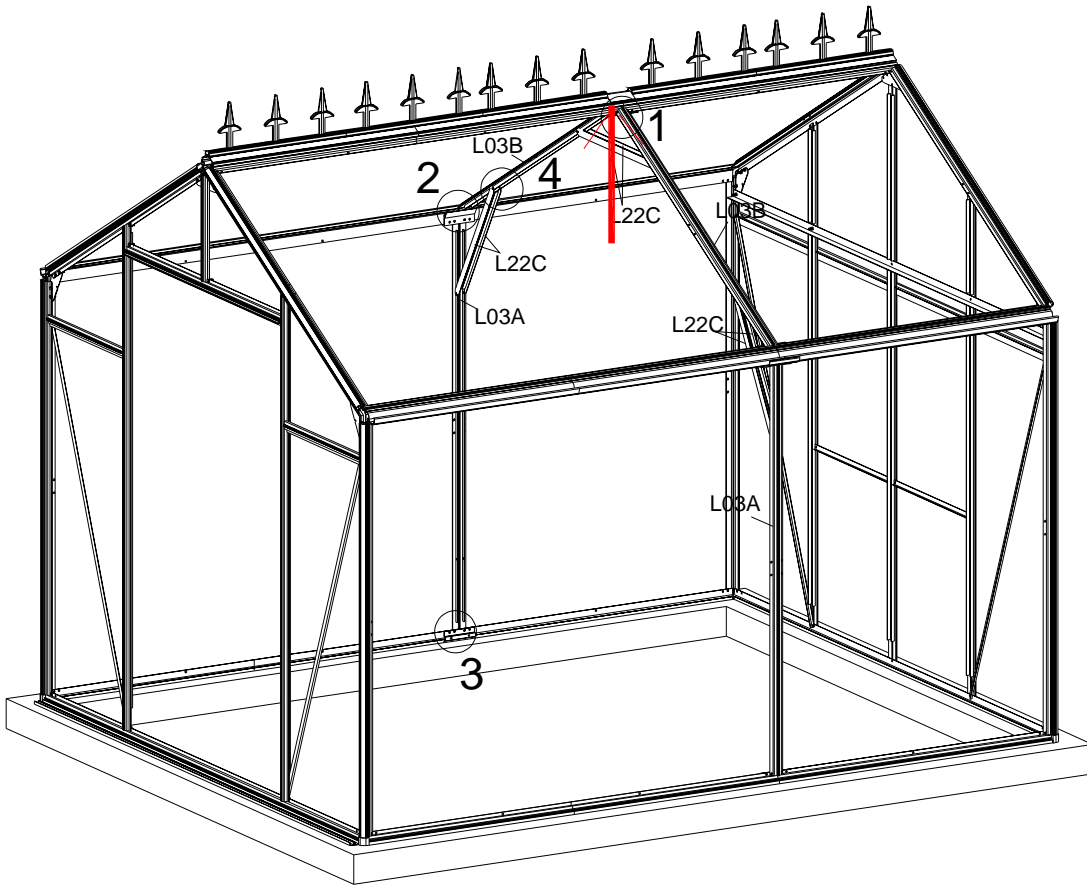


PART	NO	QTY
	L07	2
	L07A	2
	D25	2
	D27	2
	S14 M6X10	24
	M03 M6	24

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

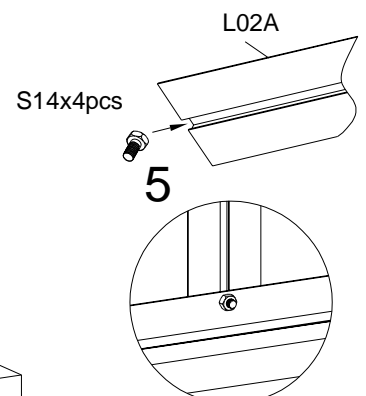
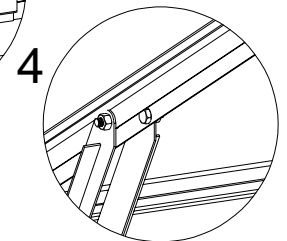
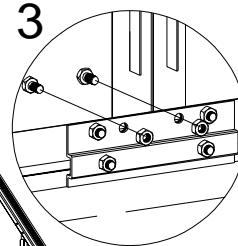
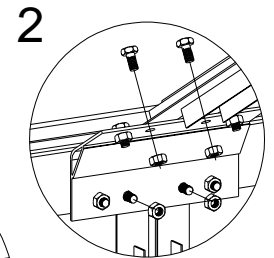
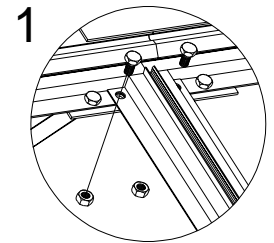
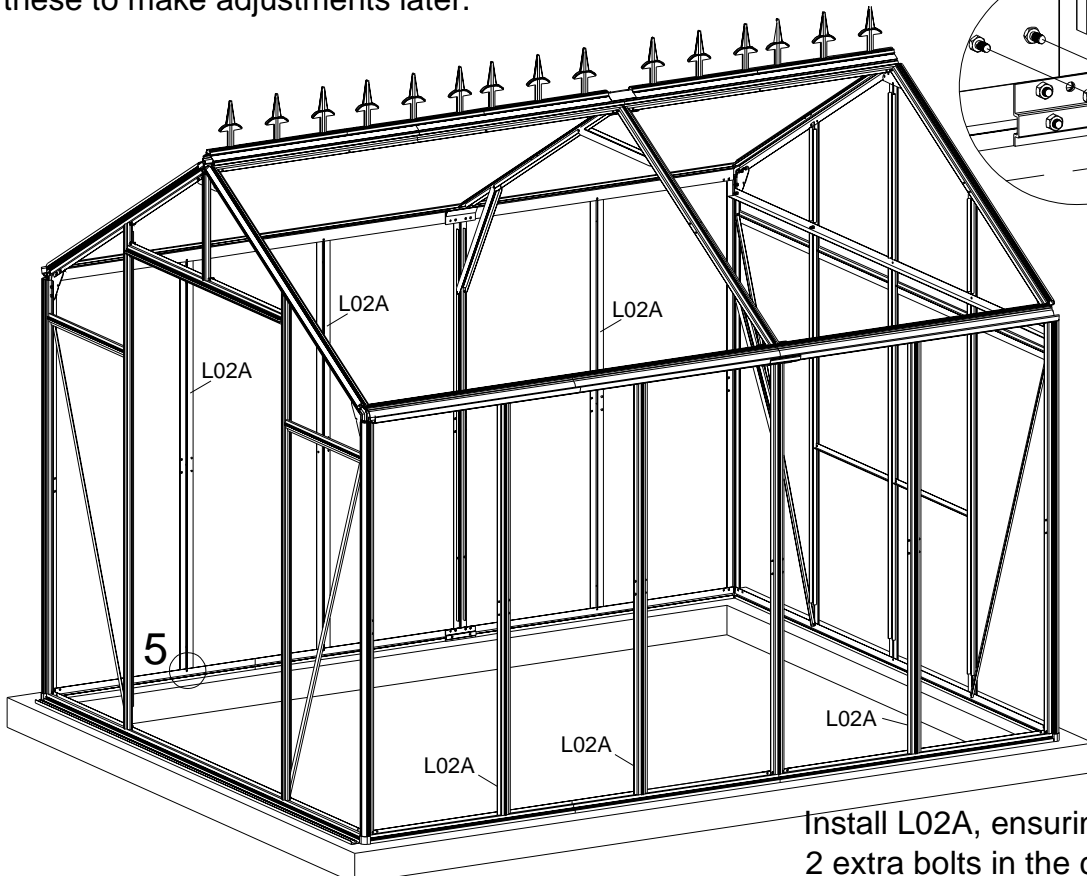


\* When installing the L22 before tightening the nuts and bolts, push up from under the ridge near the join to ensure the entire ridge is straight.








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

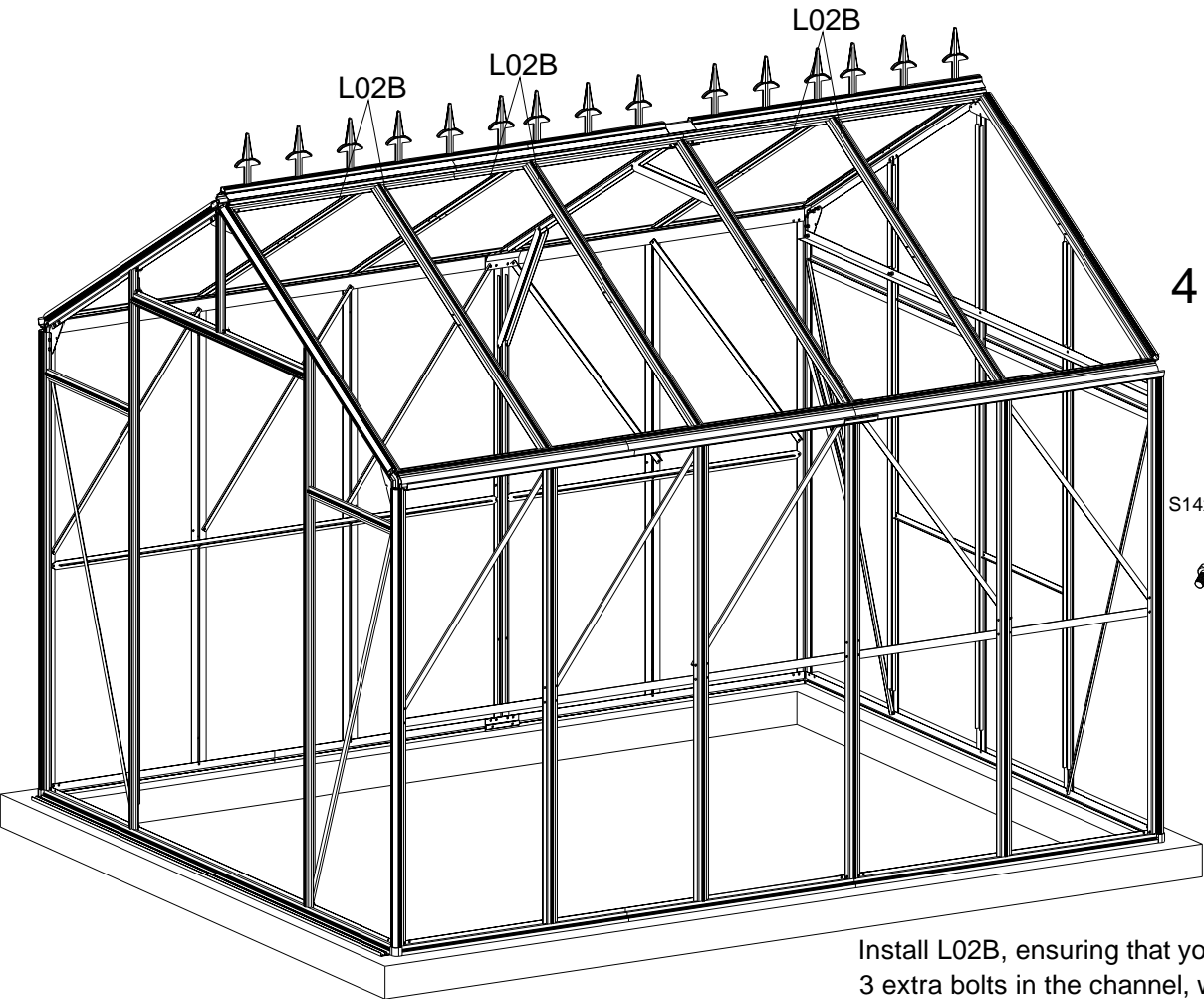
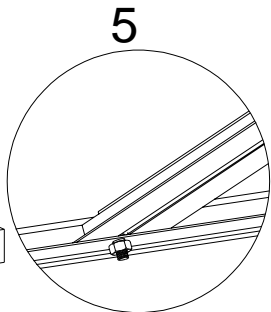
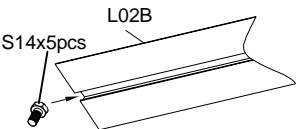
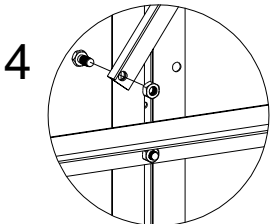
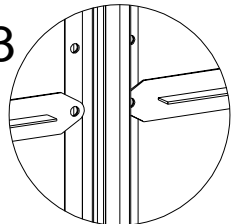
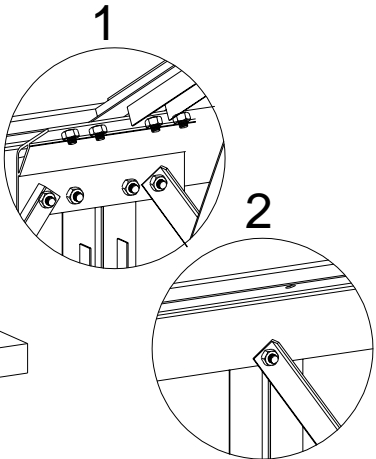
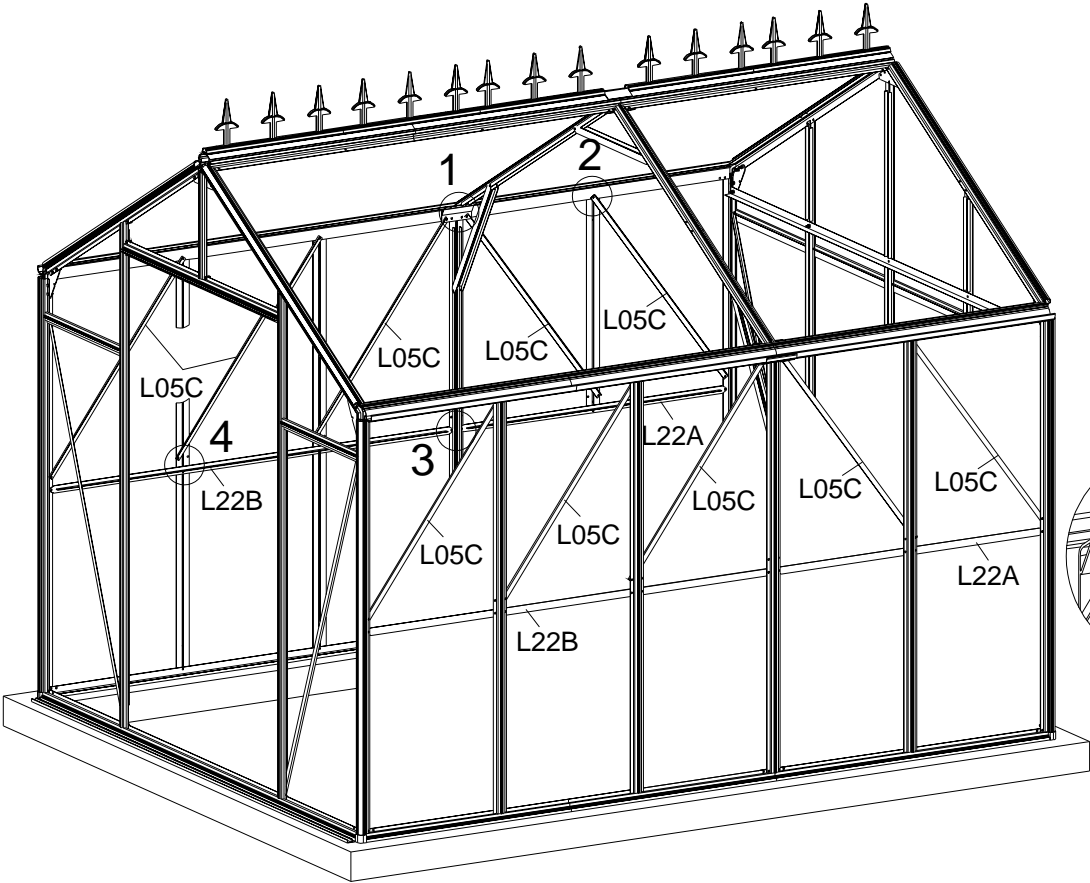
\* Also ensure the eave profiles are running true and straight from end to end before tightening the L22's at the sides. You can also loosen these to make adjustments later.



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
	L22A	2
	L22B	2
	A03	4
	S14 M6X10	46
	S11 M6X20	8
	M03 M6	54

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

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

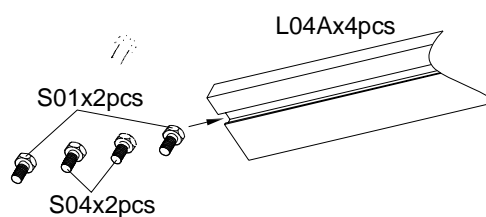
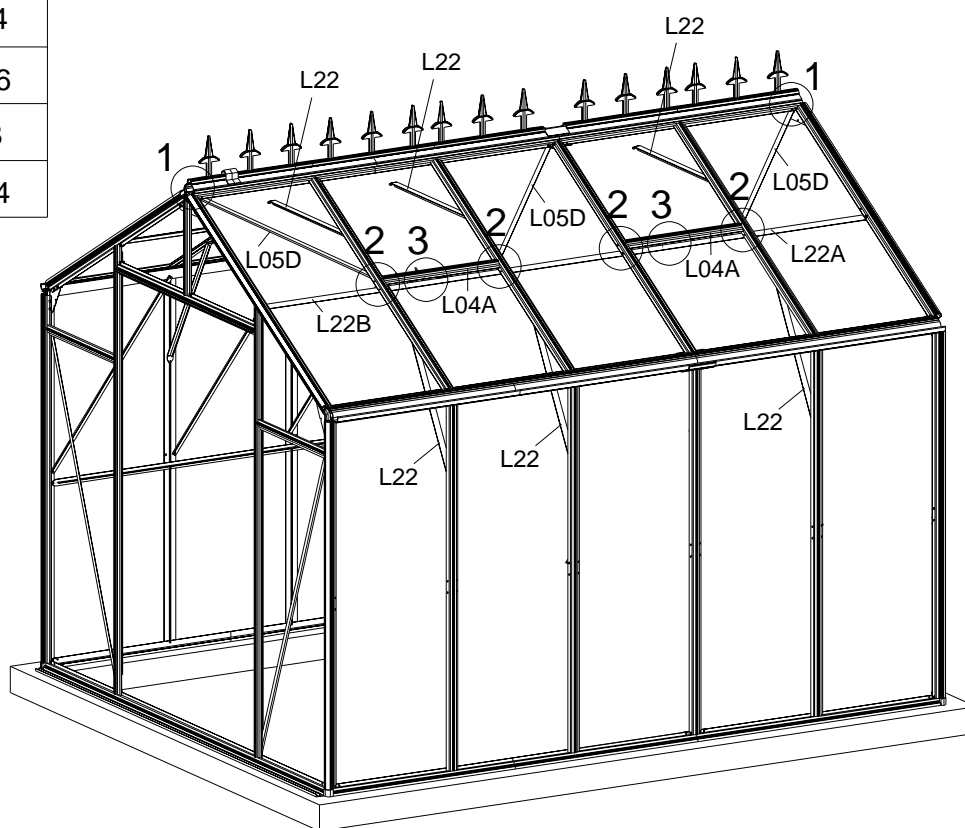
Install L04A and L05D at the same time.

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

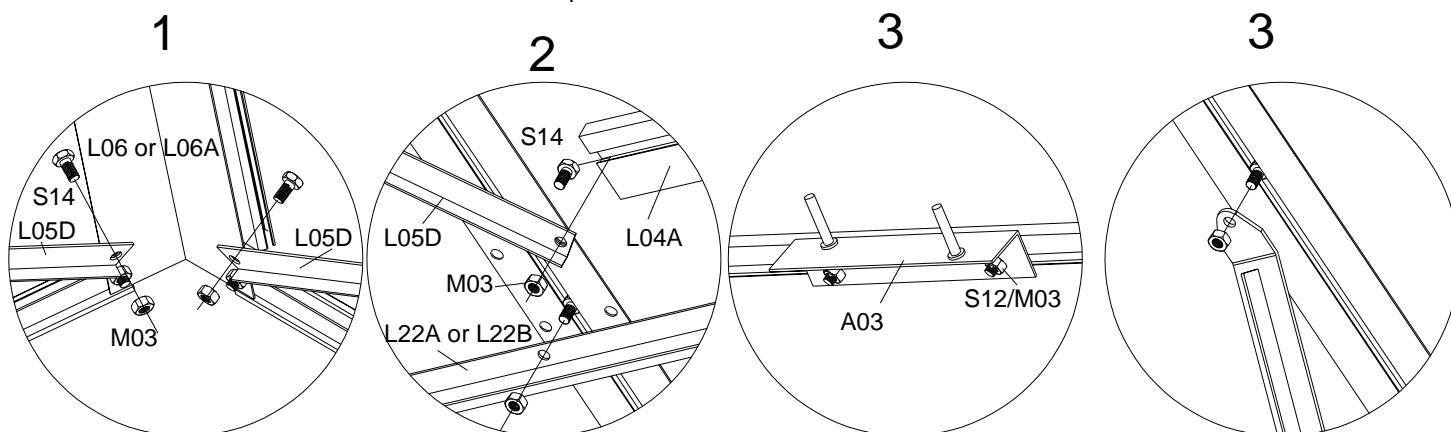
Install the L22 ridge and eaves struts.

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













Finally install the L22A (and L22B) to the roof of the greenhouse on both sides.

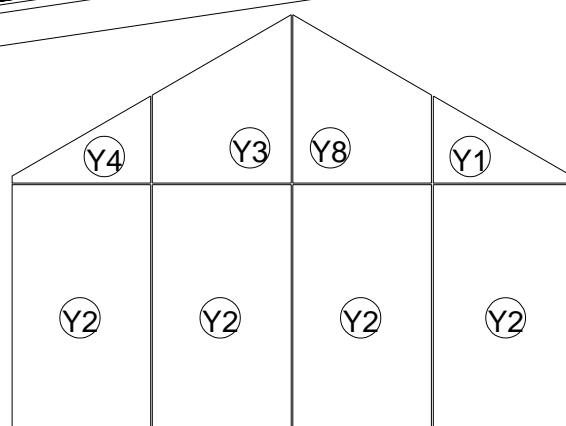
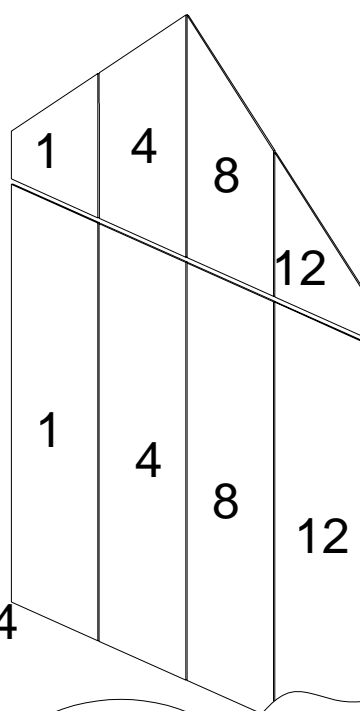
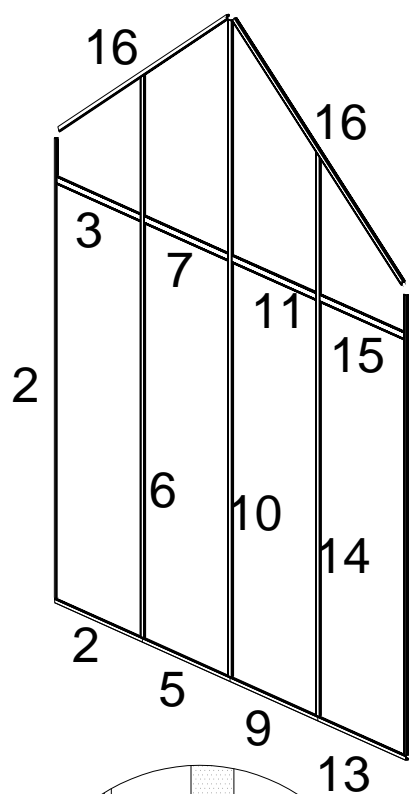
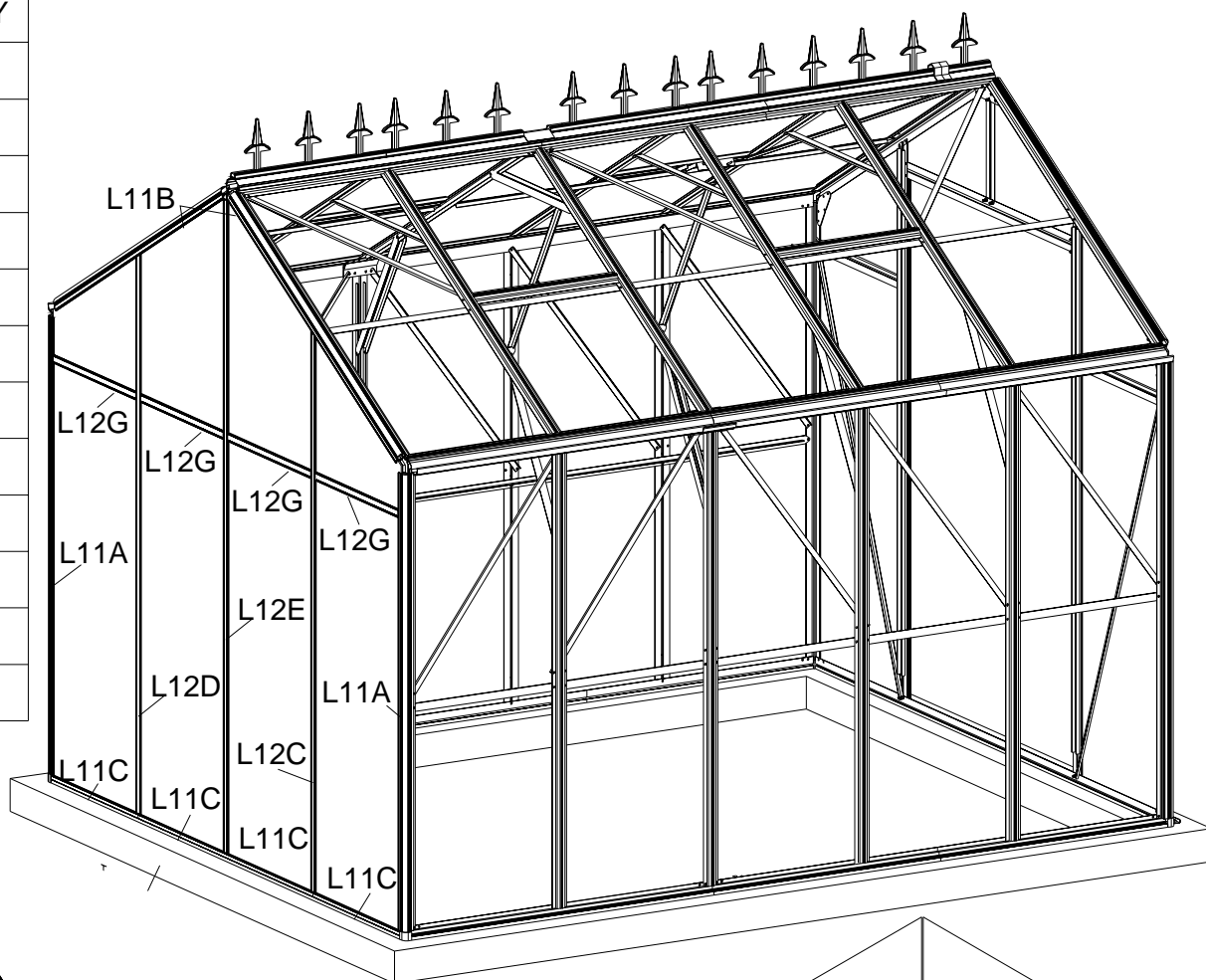


Ensure 2 bolts are inserted in the bolt channel for the A03 handle.

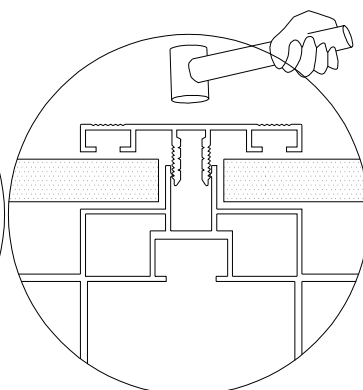
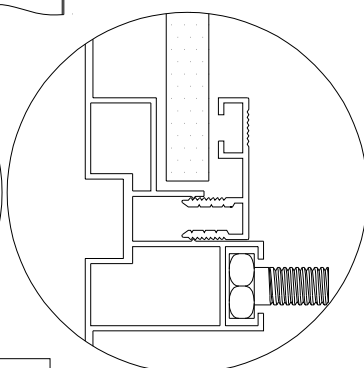
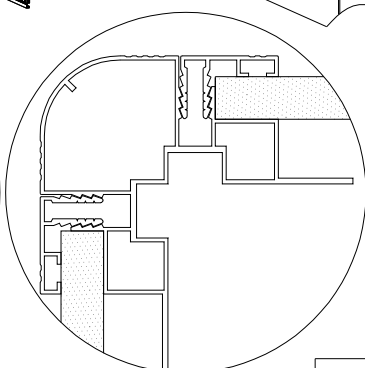
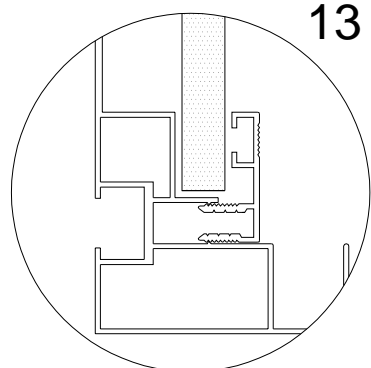















The frame is now complete. Once you start the glazing ensure that you complete it.  
Do not leave the greenhouse half glazed as this may cause damage.

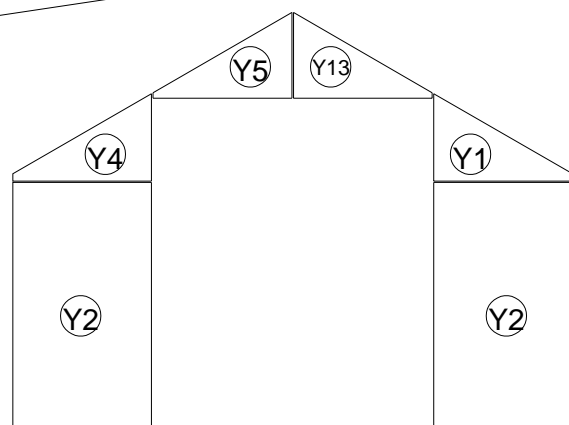
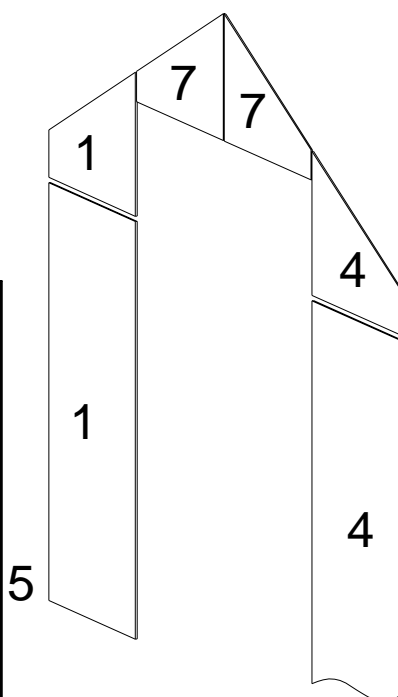
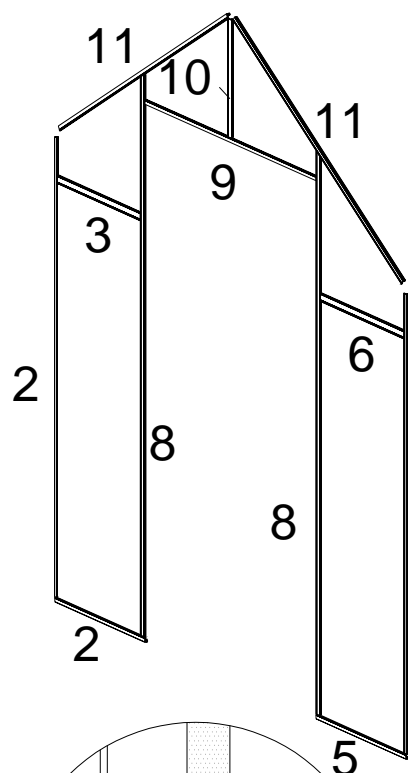
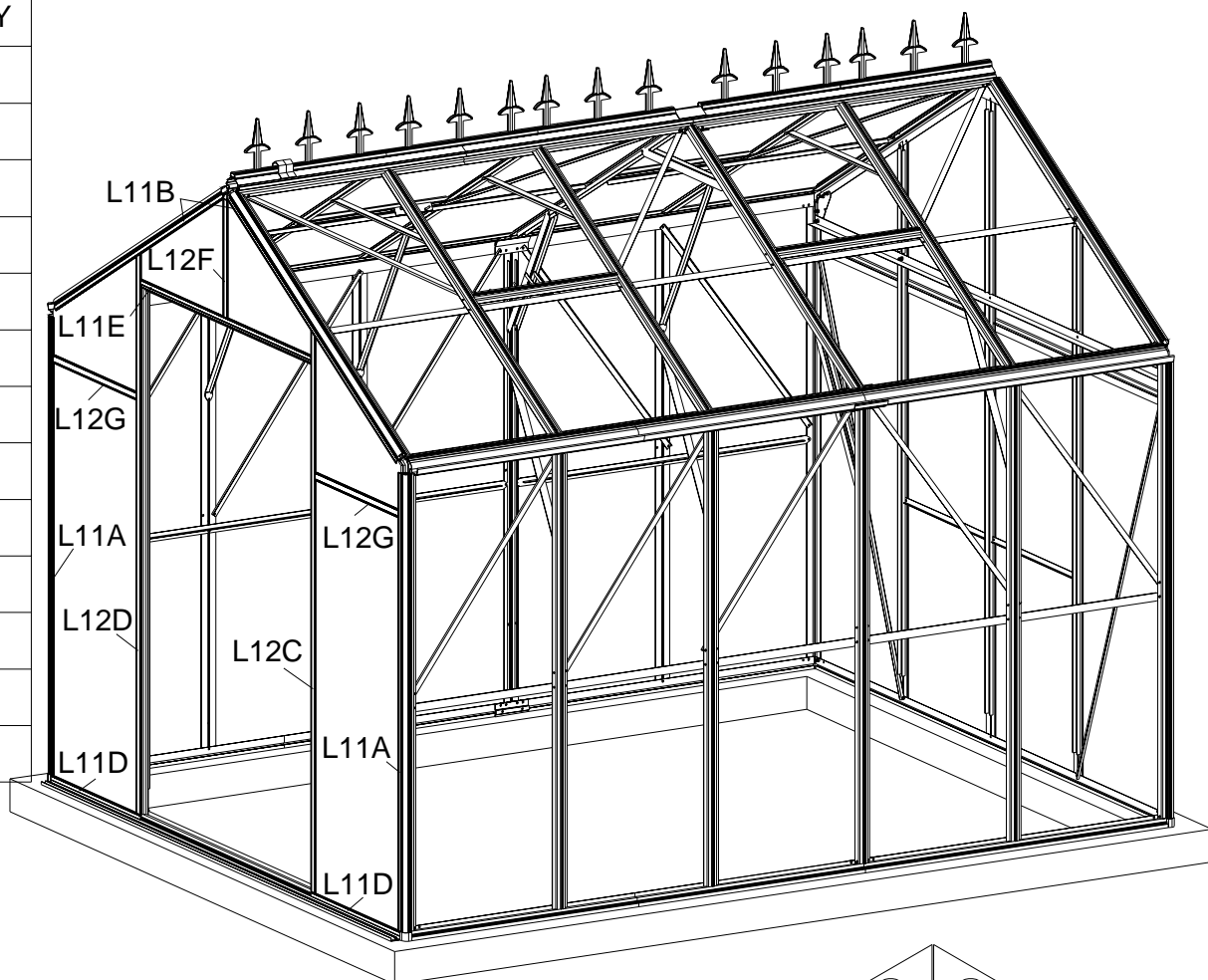
PART	NO	QTY
	L11A	2
	L11B	2
	L11C	4
	L12C	1
	L12D	1
	L12E	1
	L12G	4
	Y1	1
	Y2	4
	Y3	1
	Y4	1
	Y8	1



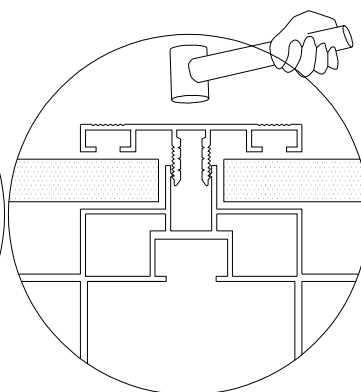
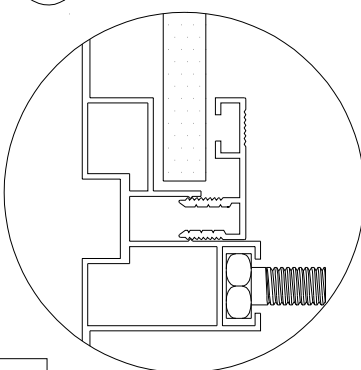
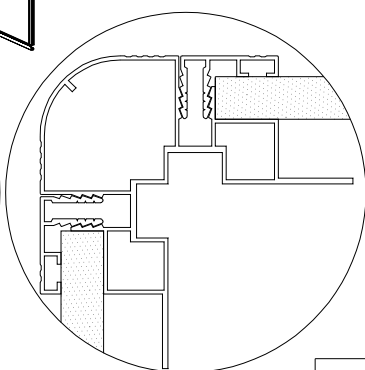
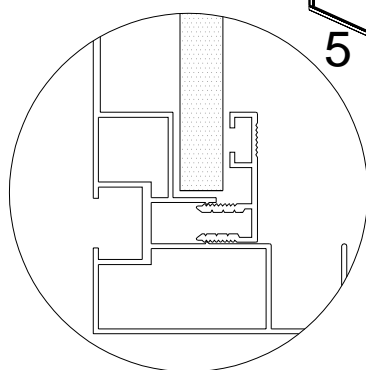
First the polycarbonate panels/glass should be loosely retained by the bar capping profiles as shown in the detail drawings. Next tap the bar capping gently into position with a rubber mallet.







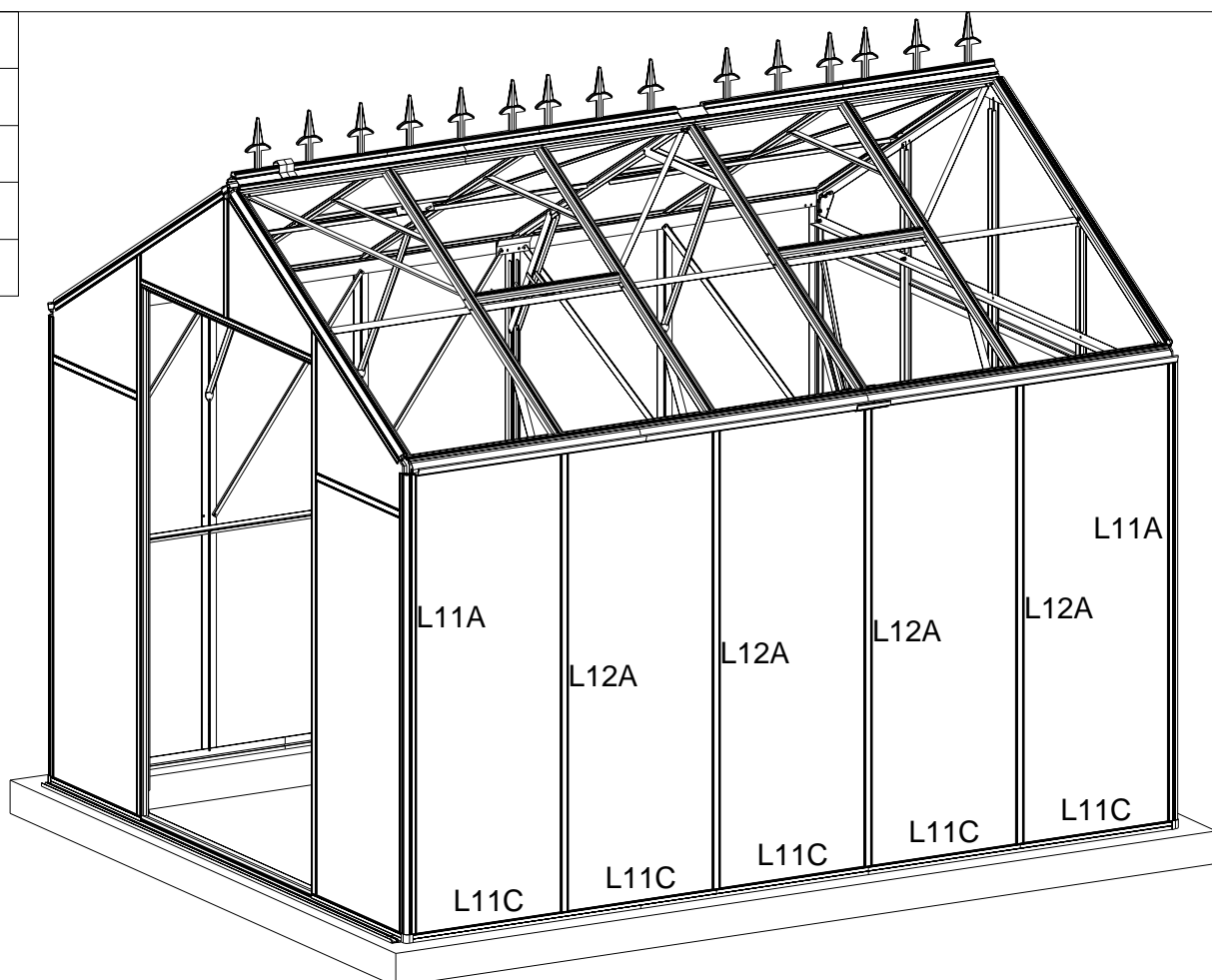
PART	NO	QTY
	L11A	2
	L11B	2
	L11D	2
	L11E	1
	L12C	1
	L12D	1
	L12F	1
	L12G	2
	Y1	1
	Y2	2
	Y4	1
	Y5	1
	Y13	1



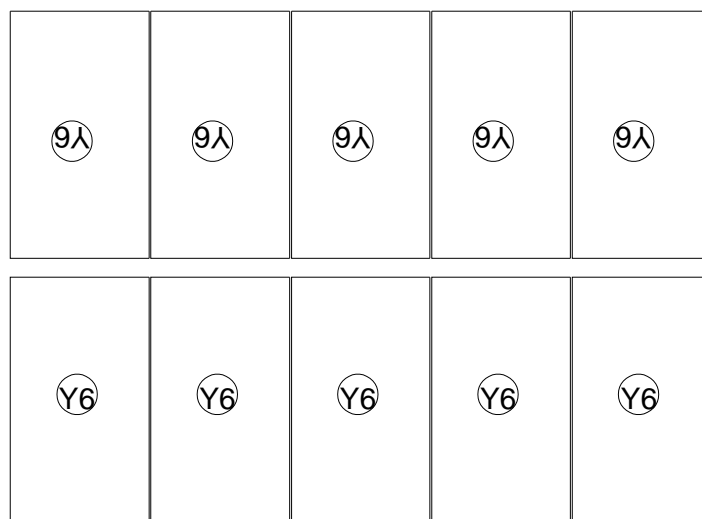
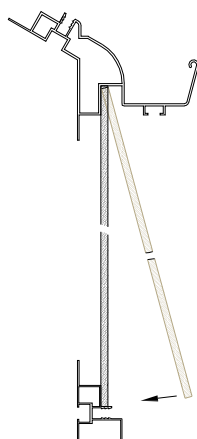
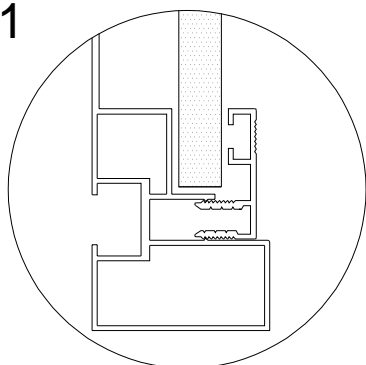
First the polycarbonate panels/glass should be loosely retained by the bar capping profiles as shown in the detail drawings. Next tap the bar capping gently into position with a rubber mallet.



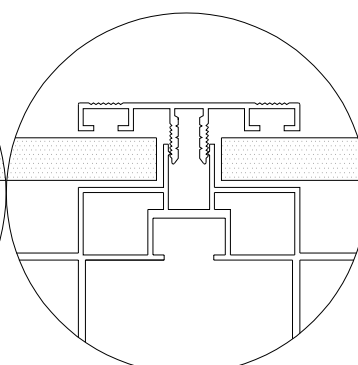
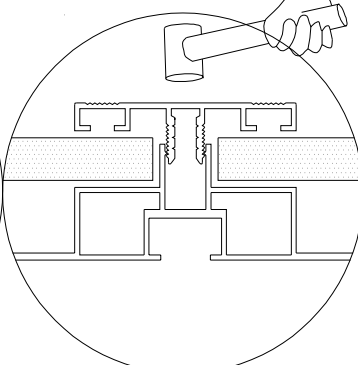
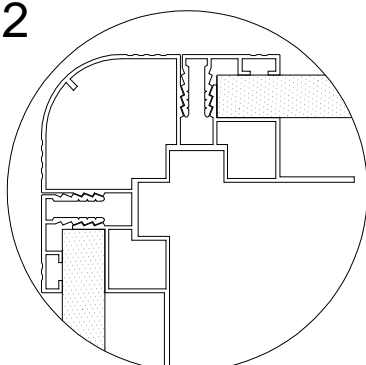
PART	NO	QTY
	L11A	4
	L11C	10
	L12A	8
	Y6	10





1

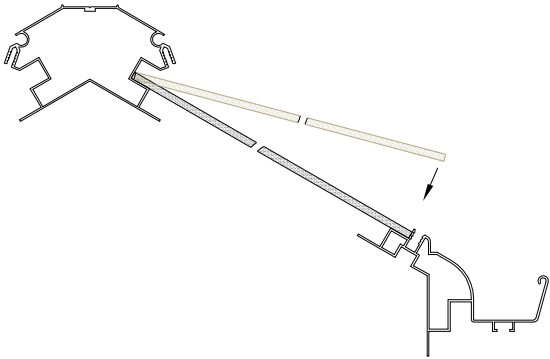
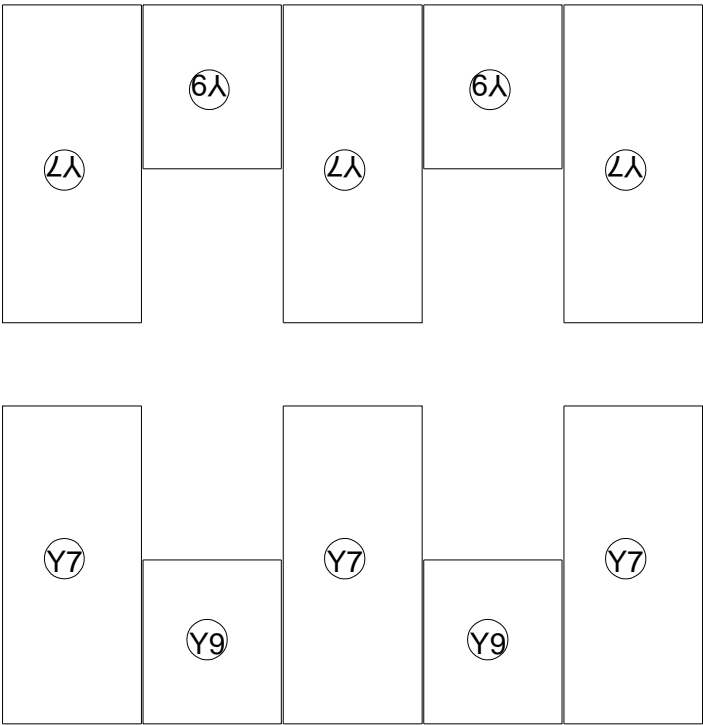
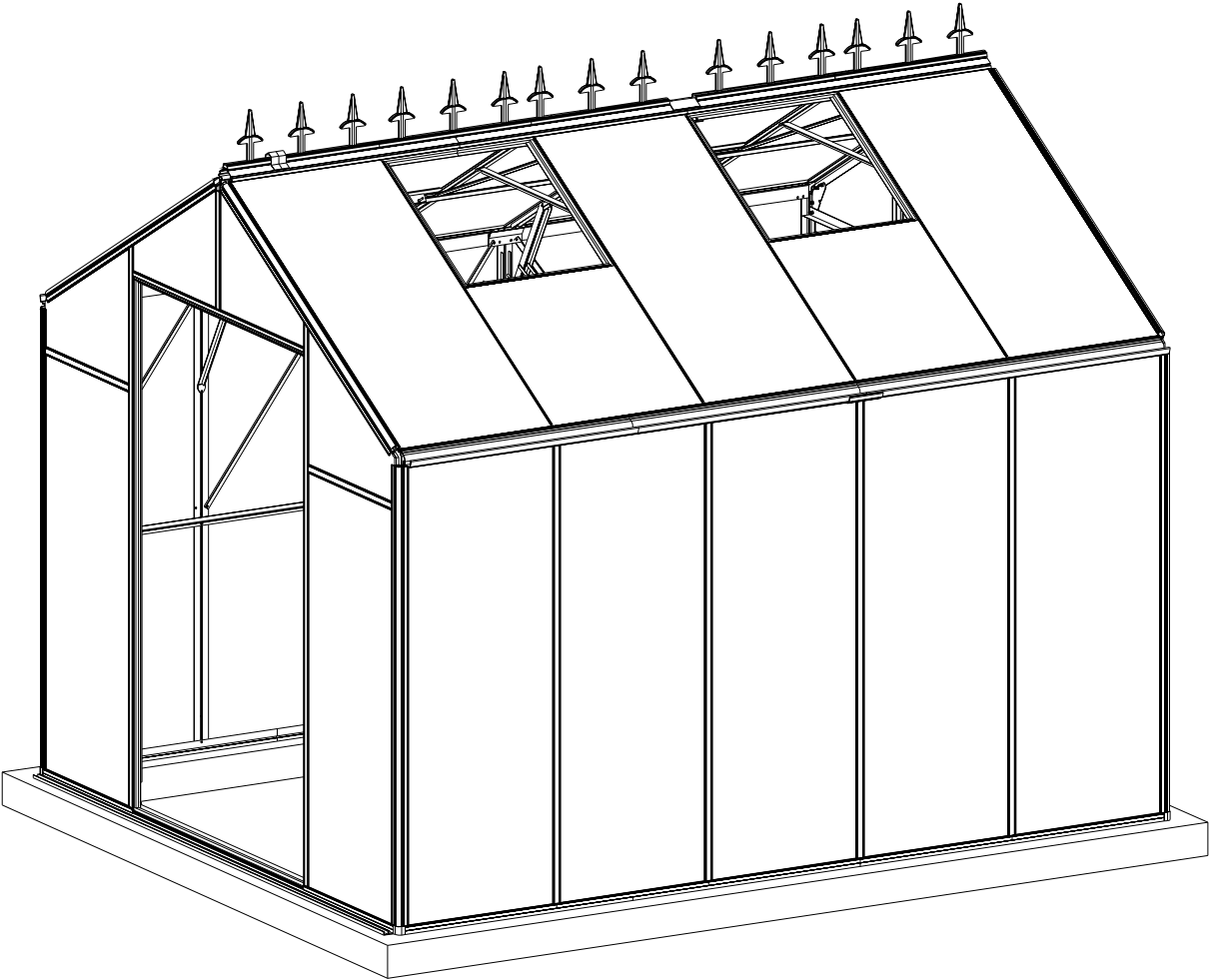







2

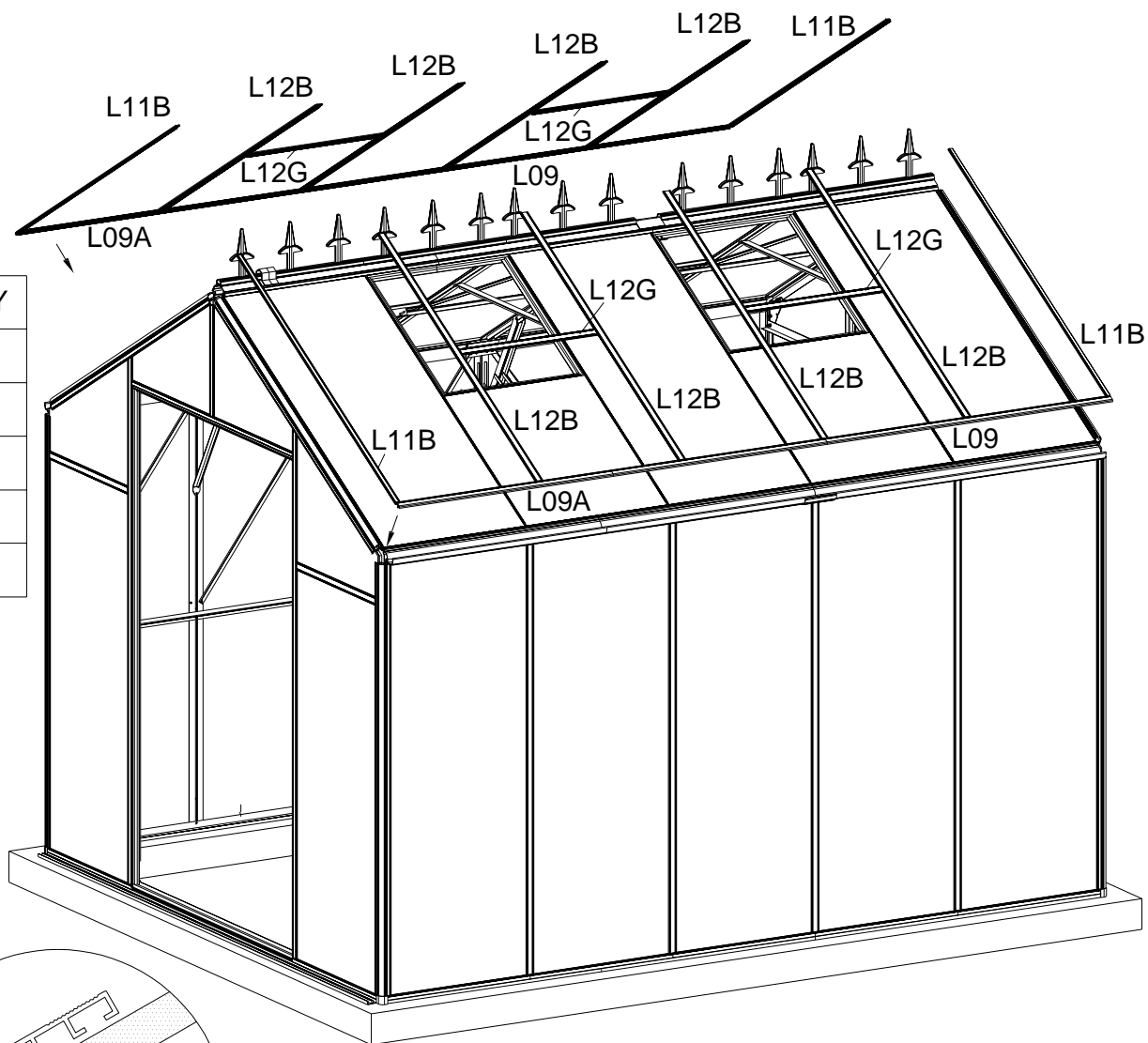


Slide all Y6 glazing panels into place. The top of the panels should be pushed up behind the gutter profile, then pushed in against the base profile as shown in the detail drawings. The panels should be loosely retained by the glazing bar capping L11A, L11C and L12A then tap the bar capping gently into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

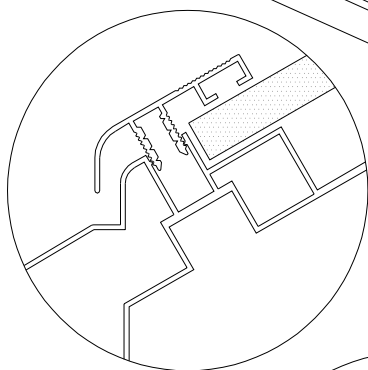
PART	NO	QTY
	Y7	6
	Y9	4



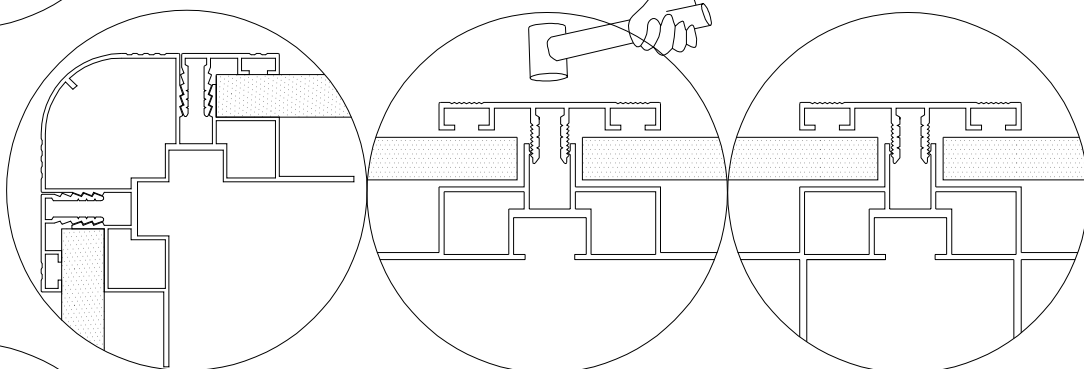
PART	NO	QTY
	L09	2
	L09A	2
	L11B	4
	L12B	8
	L12G	4



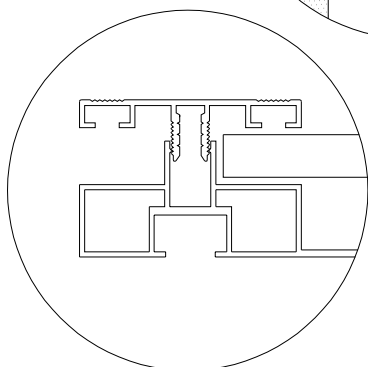
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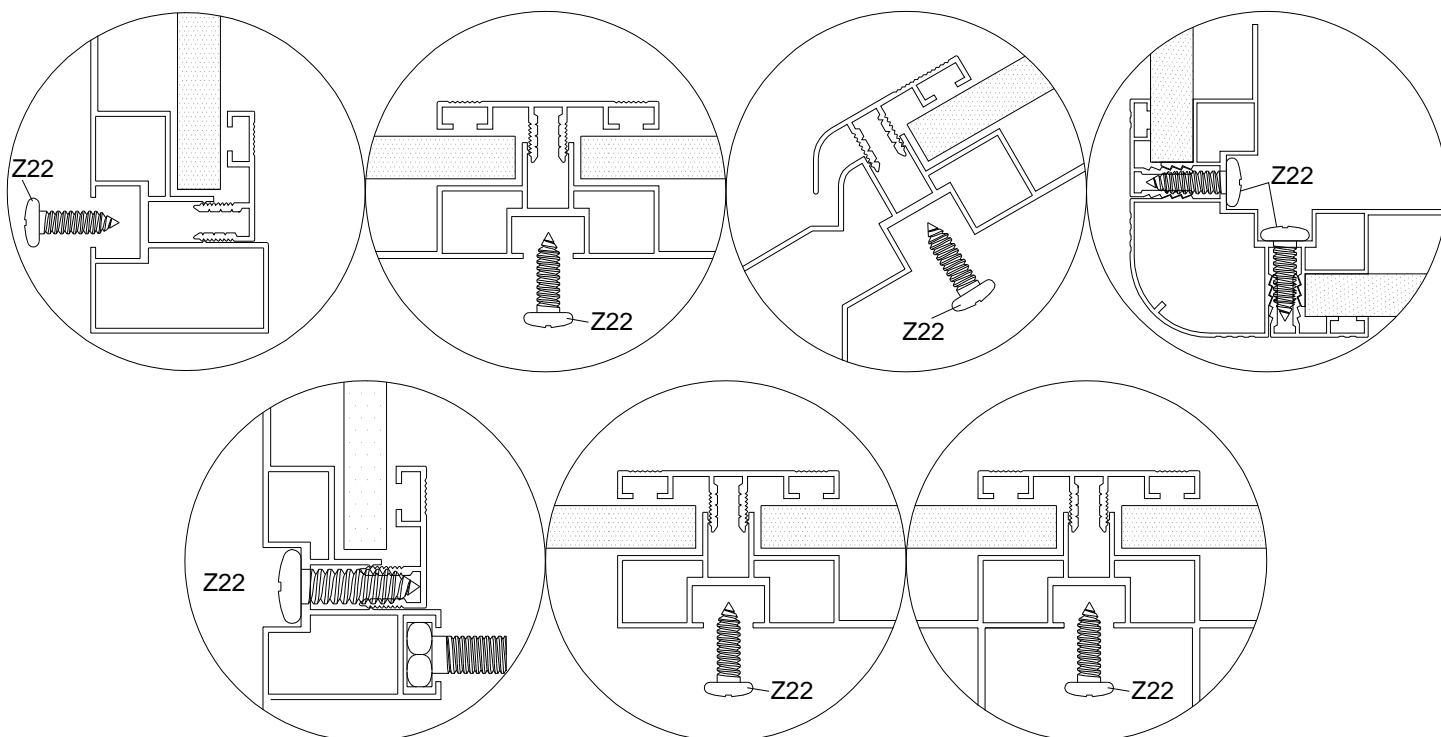
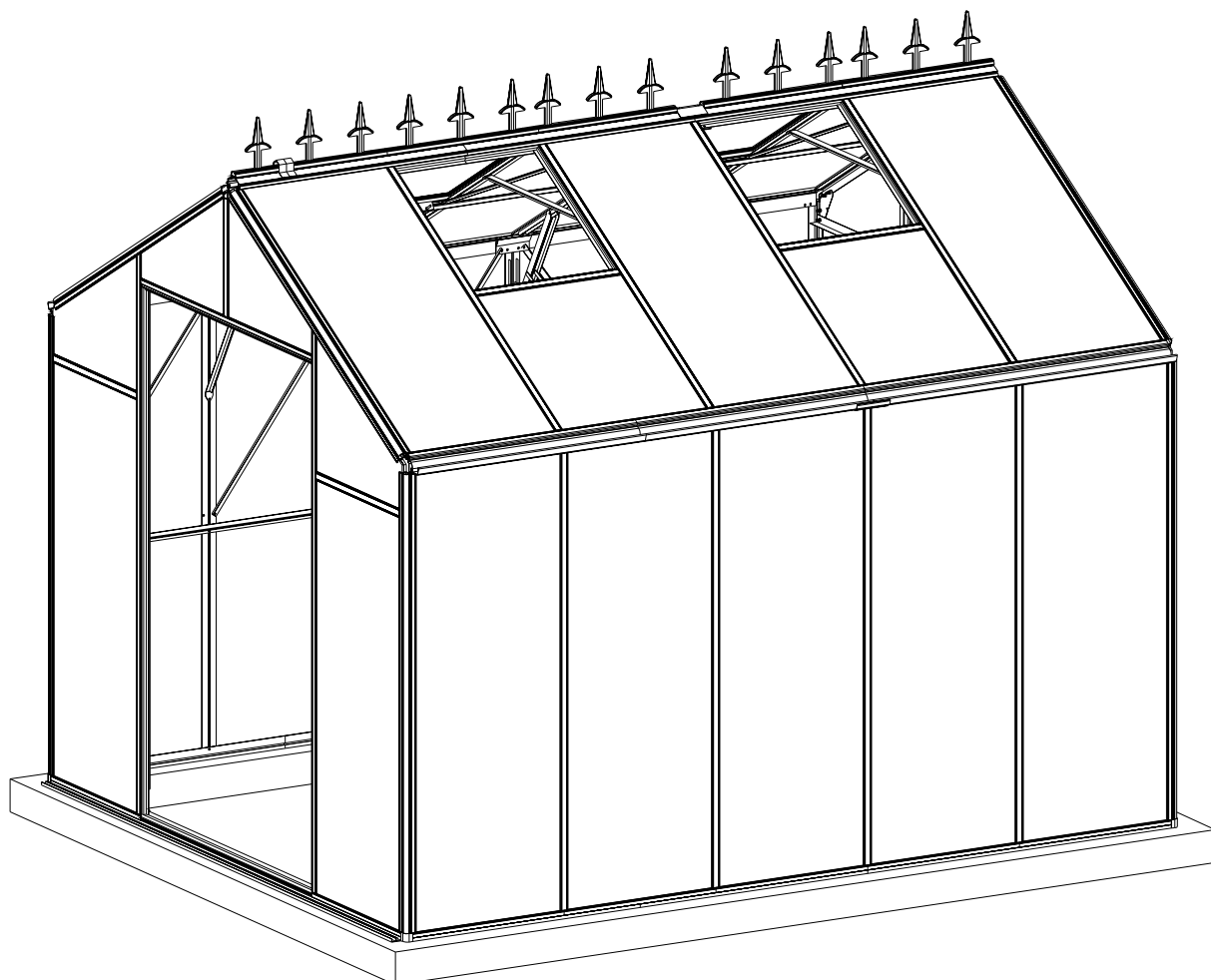
2



3

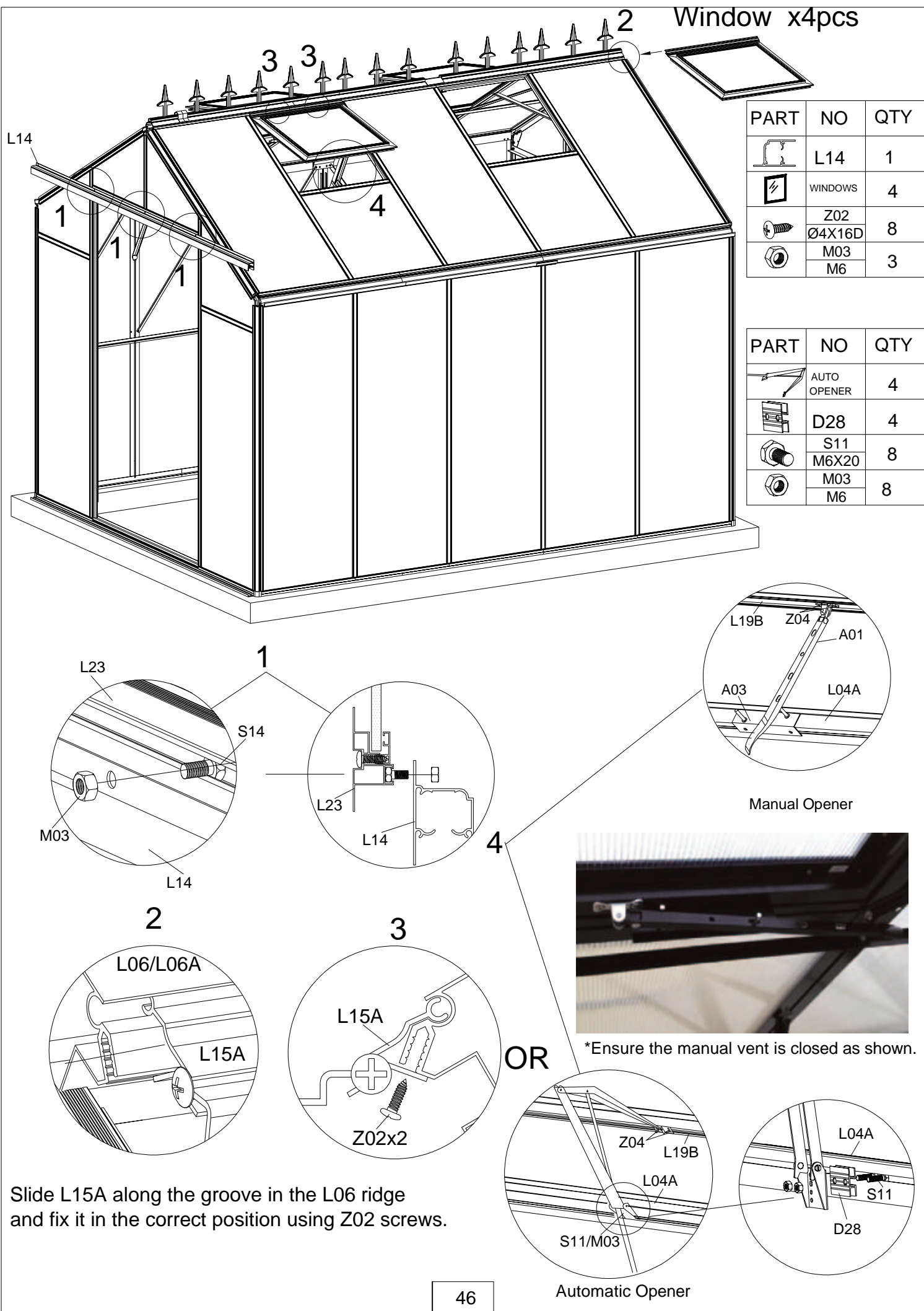


Tap all of the bar capping into the channels of each frame profile with a rubber mallet as shown in the detail drawings.

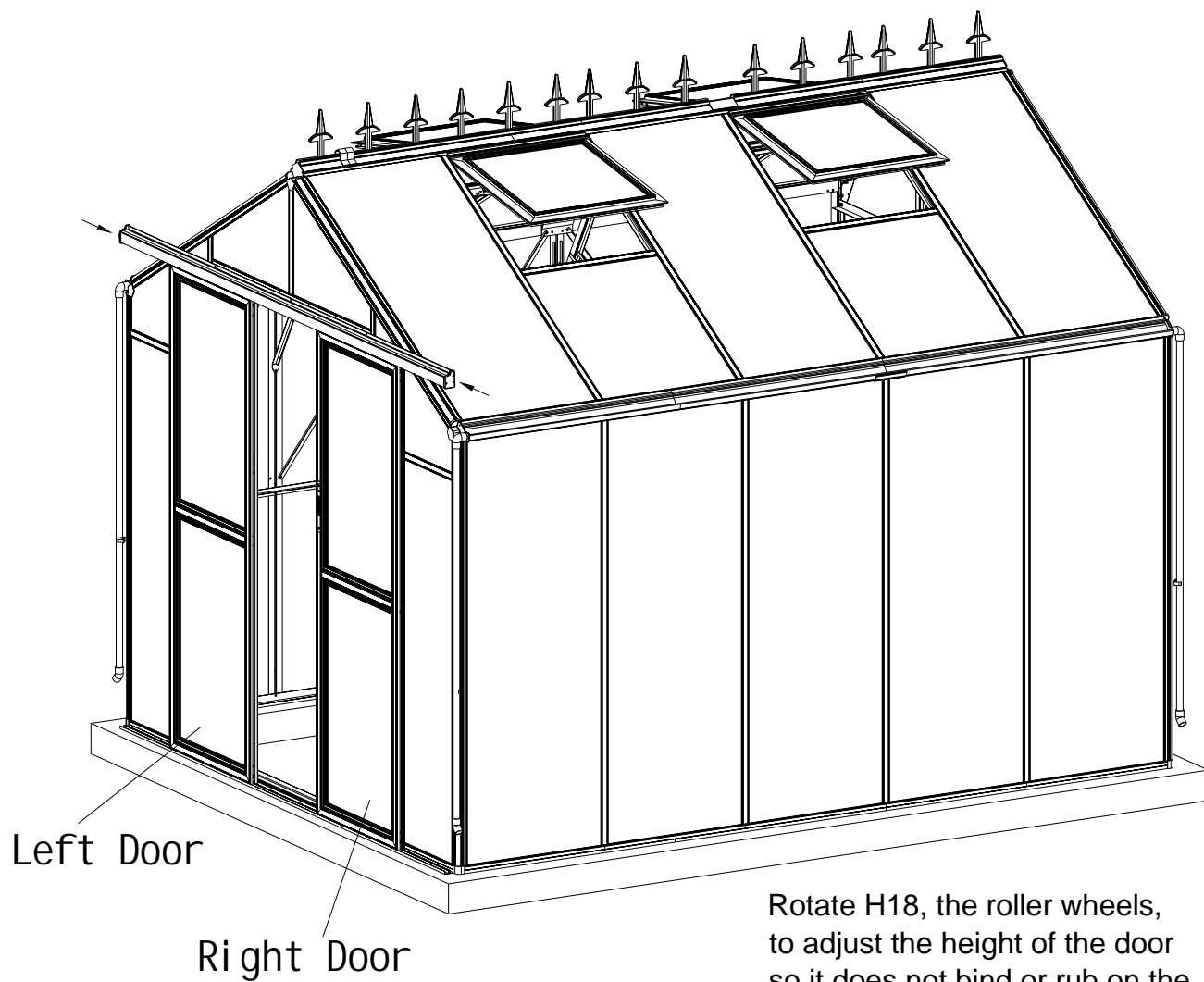


Fix every bar capping profile securely in position using Z22 screws as shown in the detail drawings.

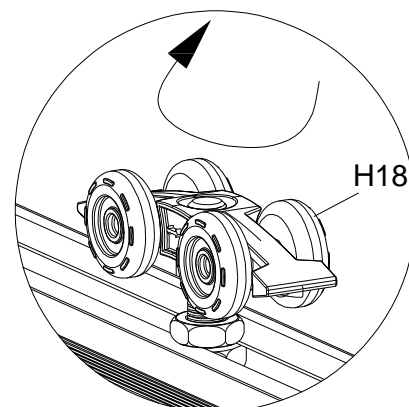
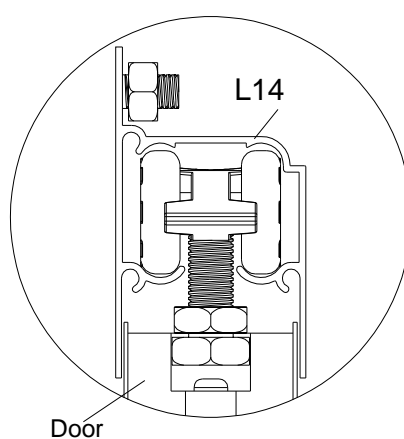
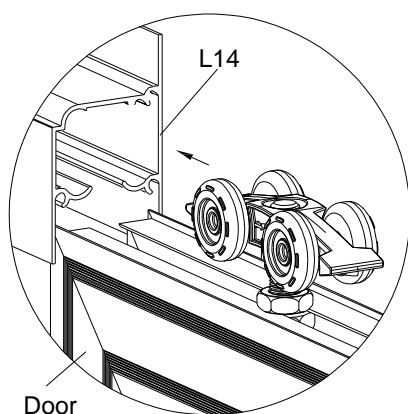
\* Be careful not to over tighten but ensure the screws are securely fixed. Ensure the bar capping profiles are pushed firmly against the panel before installing the screws.












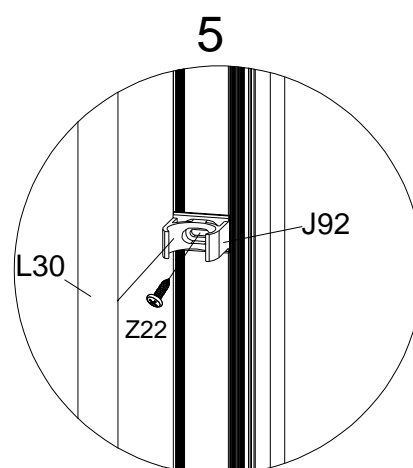
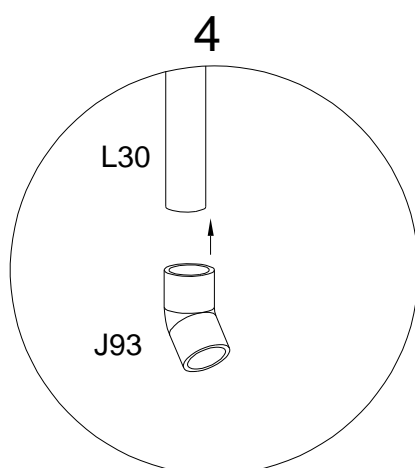
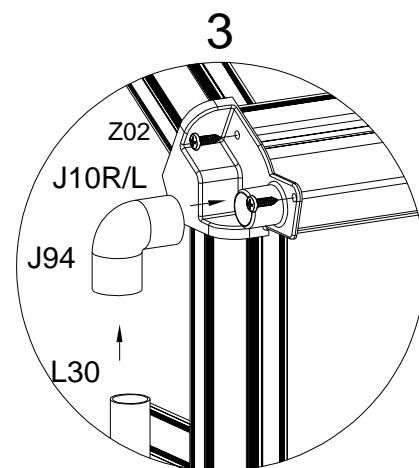
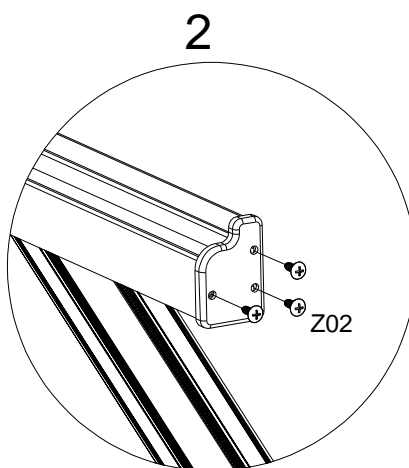
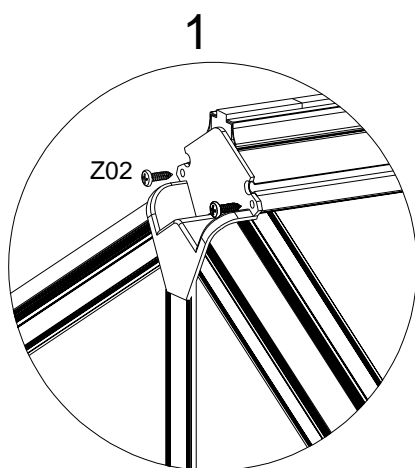
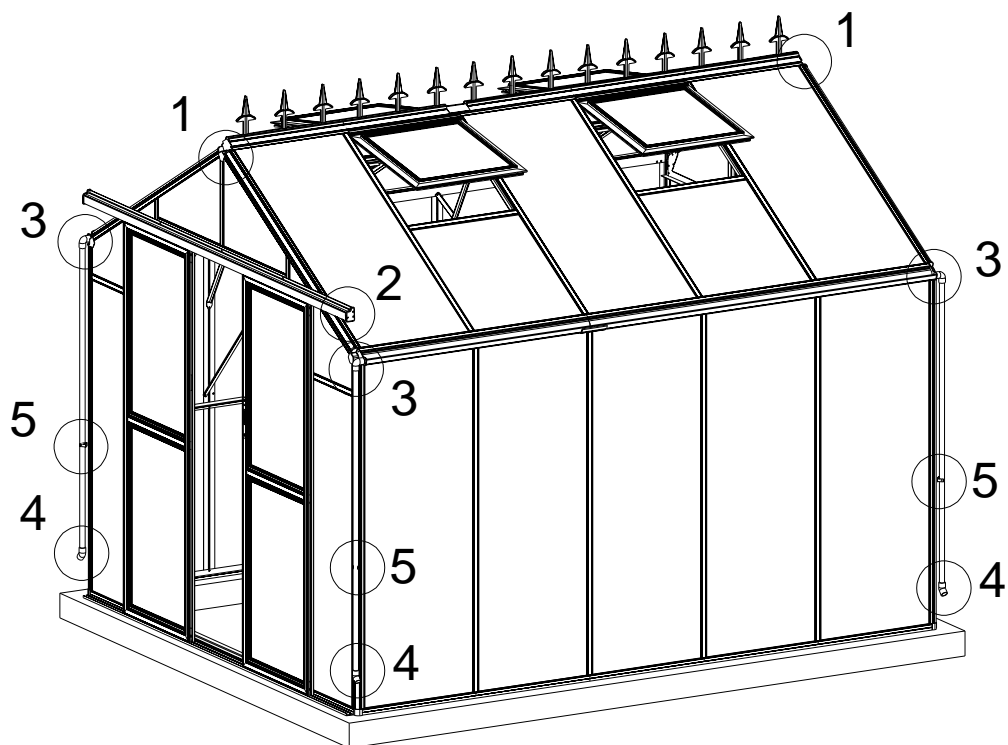




Rotate H18, the roller wheels, to adjust the height of the door so it does not bind or rub on the bottom track.



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



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.