



GARDMAX

Maximally Meeting Your Garden Needs

POLICARBONATE GREENHOUSE USER MANUAL

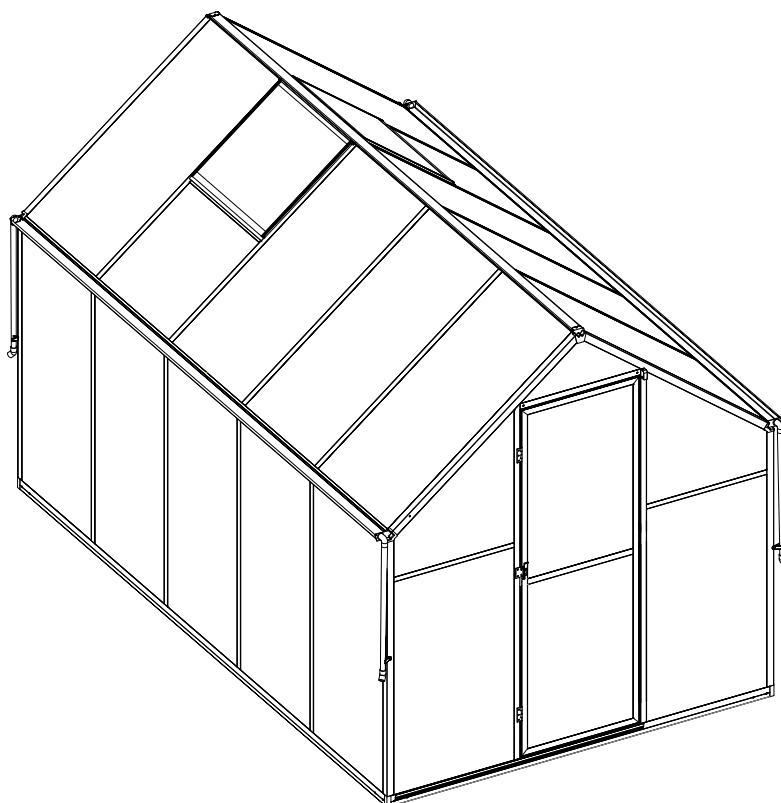
GARDMAX: Your Trusted Partner in Creating the Garden of Your Dreams

At GARDMAX, we understand that your garden is more than just a space—it's a reflection of your passion, creativity, and lifestyle. That's why we provide only the best in greenhouses, garden beds, and planters—designed for quality, durability, and affordability. Because when it comes to your garden, only the best will do. Trust GARDMAX to help you cultivate your vision and grow something truly special.



GARDMAX

Maximally Meeting Your Garden Needs



NEED HELP? CONTACT US

Have product questions? Need technical support? Please feel free to contact our service center!

MODEL NO.: GM025

PRODUCT SIZE (L X W X H): 9.6' X 5.8' X 6.3'FT

Please read all manual instructions carefully before assembly. We reserve the right to interpret our user manual clearly. The appearance of the product you receive may vary slightly from the images shown. Kindly note that we will not notify you separately about any technological updates to our products.

INSTRUCTIONS

Thank you for choosing this product!

Please read all instructions carefully before use. The information provided will help you achieve the best results.

PLEASE NOTE!

The drawings in this manual are for illustration purposes only and may differ slightly from the actual product.

ATTENTION!

Read all safety warnings and instructions. Failure to follow these warnings could result in serious injury or even death. The product referred to in the warning instructions is the Polycarbonate Greenhouse.

Important Safety Information:

1. Assembly Requirement:

Two people are required to assemble this product.

2. Sharp Edges:

Some components have sharp metal edges. Please handle with care. Wear gloves, shoes, and safety goggles during assembly.

3. Assembly Area:

Choose a clean, flat area for assembly, free from debris or obstacles that could cause trips or falls.

4. Roof Safety:

Do not climb or stand on the roof. Avoid leaning heavy items against the greenhouse.

5. Preview Instructions:

Review the assembly instructions in your manual before starting.

6. Inspection:

After assembly, ensure all nuts, bolts, and other fasteners are tightened properly.

7. Product Use:

This product is designed for use as a polycarbonate greenhouse only. It should not be used as a play facility or for any other purpose.

8. Inspection Before Use:

Check the greenhouse to ensure it is in proper working order before use. Do not use it if it is not functioning properly.

9. Ground Stability:

We recommend securing the bottom frame in a pre-dug trench, using expansion screws (included), for added stability and wind resistance.

10. Waterproofing:

Apply silicone sealant to the connection between the polycarbonate panels and the frame on the roof to enhance water protection.

11. Weather Precautions:

In bad weather, remove valuable items from the greenhouse to avoid damage. Do not use the greenhouse during severe weather conditions.

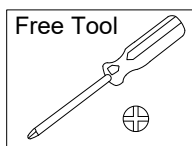
12. Roof Maintenance:

Regularly clear the roof of snow and leaves. Accumulated snow may damage the greenhouse.

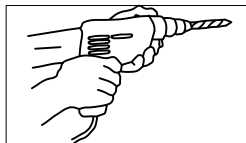
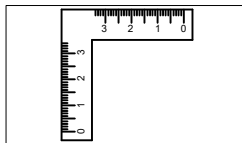
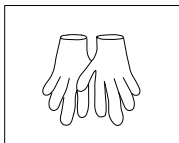
13. Cleaning:

Use a mild detergent solution and cold clean water to clean the panels. Avoid acetone, abrasive cleaners, or harsh chemicals.

Tools Provided:



Tools Required when Assembly (Not Provided)

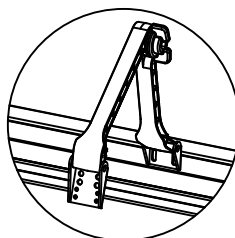


Assembly at least by two Persons



Functions and Features:

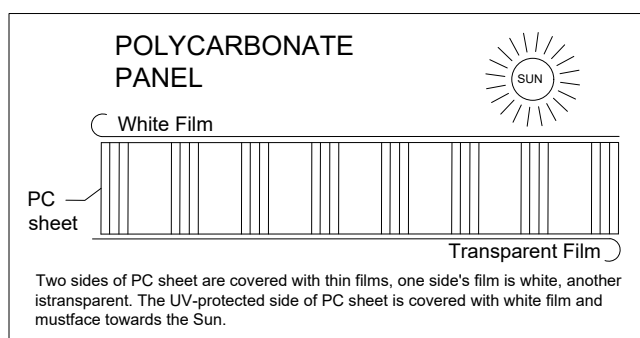
1. A new, elegant plastic manual window opener is included as standard with the roof vents.



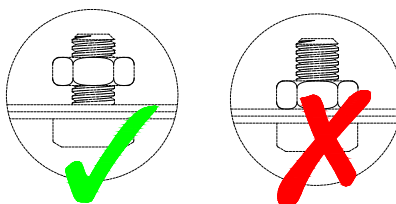
Manual Opener

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

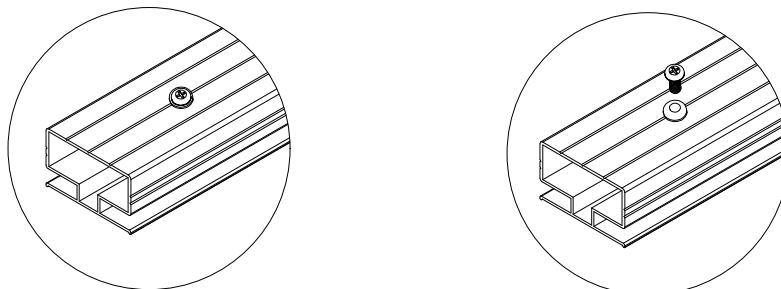
3. Remove approximately 2 inches of film from all sheet edges before installing and remove all film immediately after the construction is completed. Please ensure that the side with the white film faces outwards.



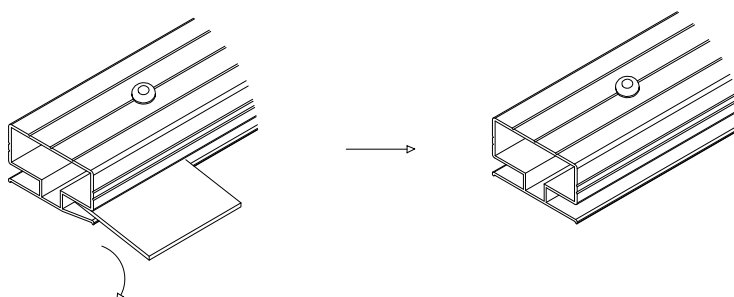
4. Nuts not to be tightened before the end of assembly! Unless otherwise stated, do not tighten the bolts/nuts/screws until the shed is finally erected!



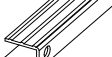
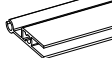
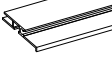
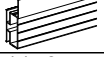
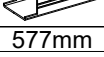
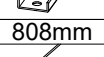
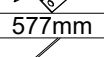
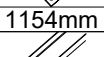
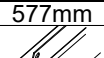
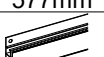
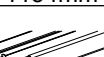
5. S86 and S15 and S88 are mostly installed on the profiles. Please remove S86 and S15 and S88 before installation.



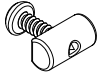
6. If the polycarbonate slot is deformed during transport, use a flat wooden or plastic block to straighten it (Avoid sharp objects to prevent damage to the aluminum).

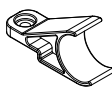


PART LISTS

	PART	NO	QTY			PART	NO	QTY			PART	NO	QTY
1	 1172mm	L01A	2		13	 485mm	L02R	1		27	 517mm	L19A	2
2	 1172mm	L01B	2		14	 1170mm	L03A-1	1		28	 570mm	L20A	1
3	 1071mm	L01E	2			 462mm	L03A-2	1			 570mm	L21A	1
4	 1071mm	L01F	2			 1170mm	L03E-1	1					
5	 1172mm	L02A	4			 462mm	L03E-2	1					
6	 1172mm	L02B	4		15	 550mm	L03F	1					
7	 1071mm	L02C	2		16	 577mm	L04A	5					
8	 1071mm	L02D	6		17	 577mm	L04B	1					
9	 1170mm	L02H-1	1		18	 808mm	L05A	8					
	 451mm	L02H-2	1		19	 577mm	L06A	1					
	 1170mm	L02I-1	1		20	 1154mm	L06B	2					
	 451mm	L02I-2	1		21	 577mm	L07A	2					
10	 1170mm	L02O-1	1		22	 1154mm	L07B	4					
	 410mm	L02O-2	1		23	 577mm	L08A	4					
11	 1170mm	L02P-1	1		24	 1154mm	L08B	6					
	 410mm	L02P-2	1		25	 577mm	L09A	2					
12	 540mm	L02Q	2		26	 1154mm	L09B	4					

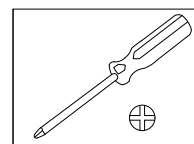
PART LISTS

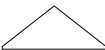
PART	NO	QTY
	A116	4
	A117	2
	A118	6
	A119	2
	A120	4
	A121	4
	D472	6
	D475	16
	J156	16
	J253L	2
	J253R	2
	J244	2
	J245	4
	J246	4
	H181	1
	A111	1
	J248	2

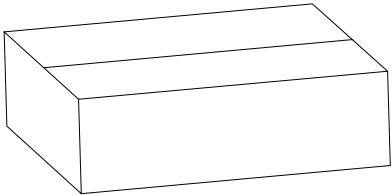
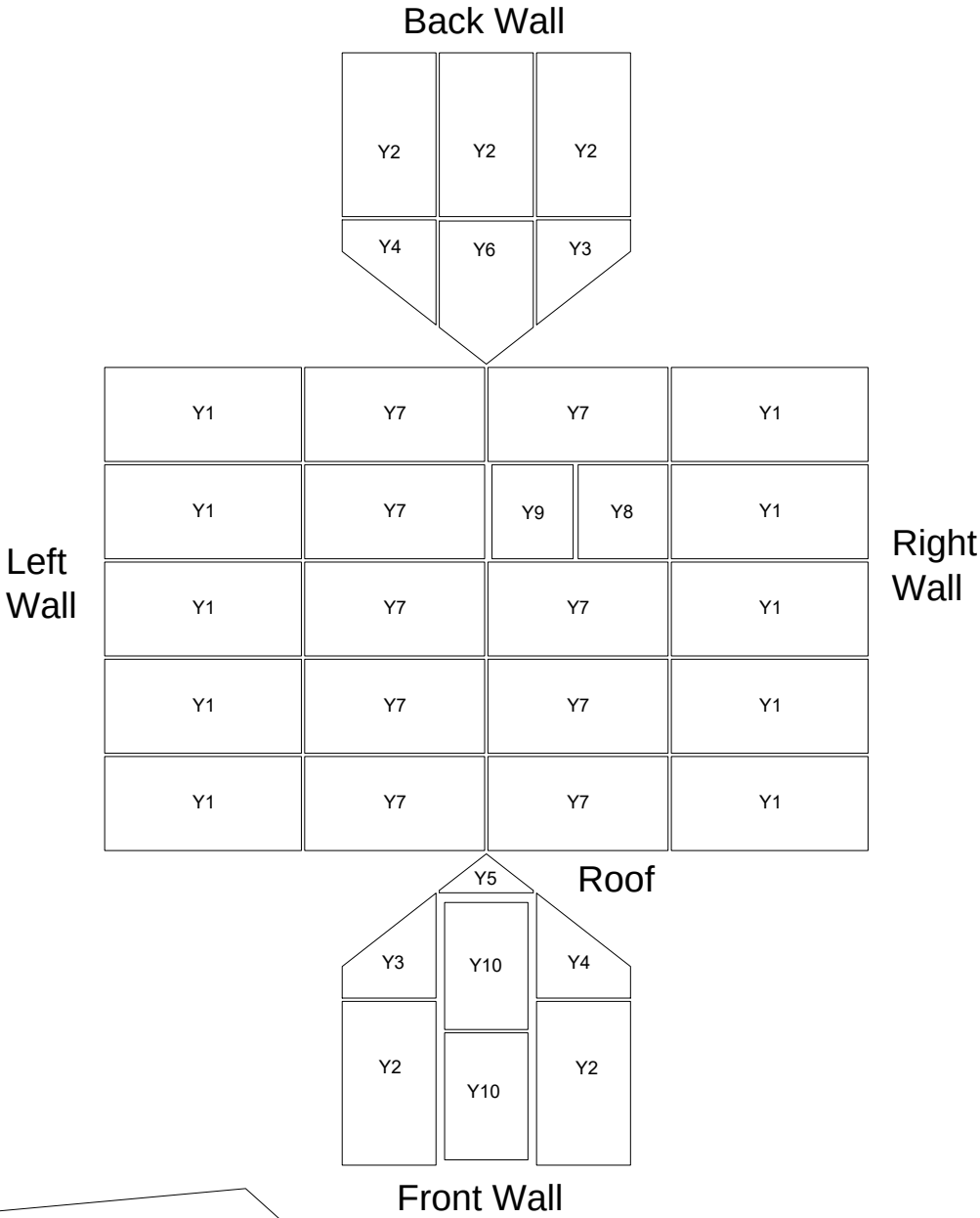
PART	NO	QTY
	L25A	4
	J93	4
	J94	4
	J199	4
	S01 M6X12	8
	M01 M6	8
	D25	4

PART	NO	QTY
	H113	2
	S28 M4X10	2
	S86 M4X10	6
	S87 M4X25	40
	M02 M4	42
	Z03 Ø4X12	14
	Z08 Ø4.2X16	6
	Z13 ST5X40	16
	Z44 Ø4X20	20

Tools Provided:



PART	NO	QTY
	Y1	10
1190*568mm		
	Y2	5
990*568mm		
	Y3	2
634*568mm		
	Y4	2
634*568mm		
	Y5	1
235*568mm		
	Y6	1
865*568mm		
	Y7	9
1089*568mm		
	Y8	1
543*568mm		
	Y9	1
491*568mm		
	Y10	2
768*504mm		



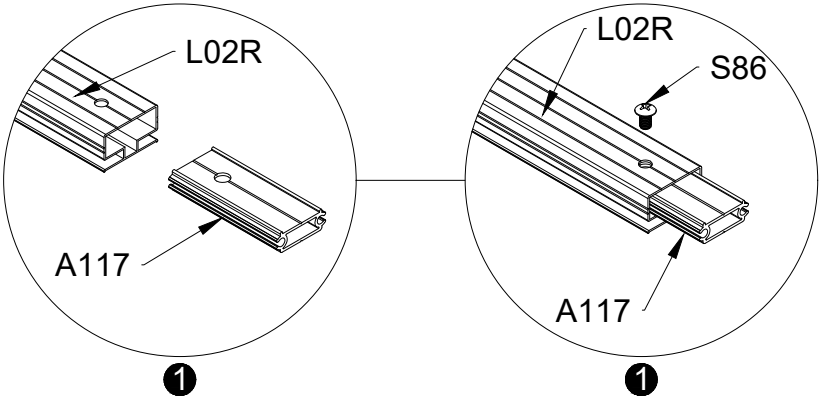
Box No. 1

ATTENTION:

Before assembly, please verify that the quantity is correct and that all frames, panels, and accessories are in good condition, as they are packed together in one carton.

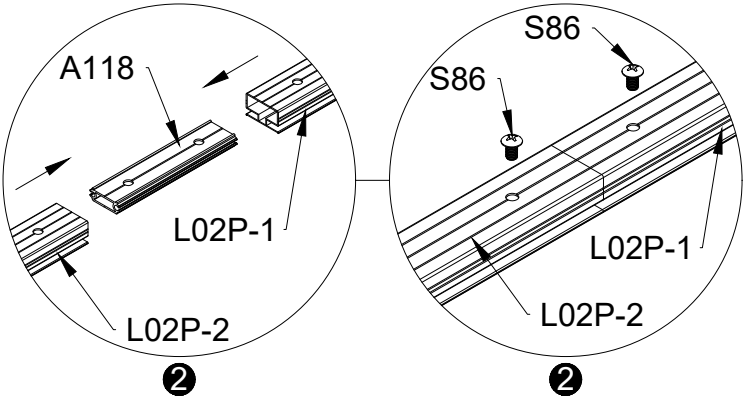
PART	NO	QTY
	L02R	1
	L02O-1	1
	L02O-2	1
	L02P-1	1
	L02P-2	1
	A117	2
	A118	2
	S86	6
	M4X10	
	Z44	4
	Ø4X20	

Door Assembly

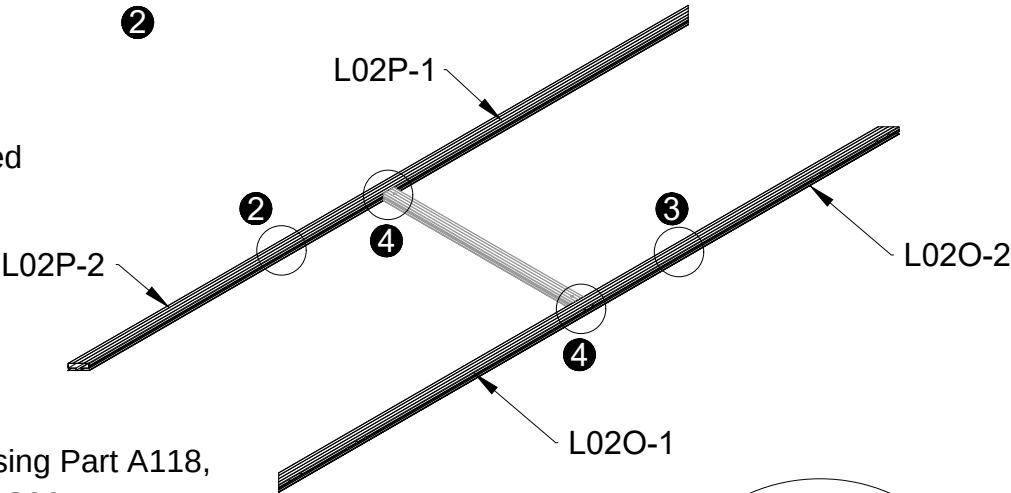


Insert A117 into both ends of L02R and secure them using S86.

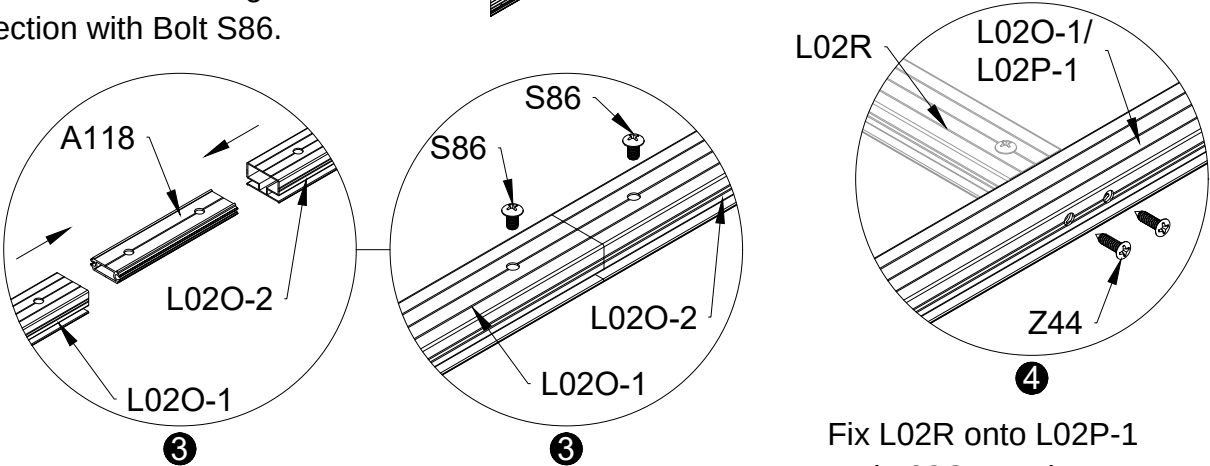
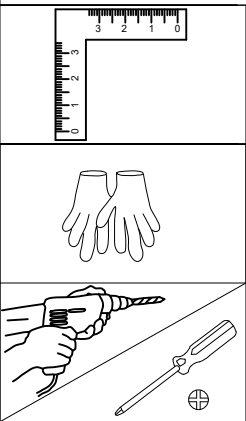
Connect L02P-1 and L02P-2 using Part A118, secure the connection with Bolt S86.



Note:
Ensure all the holes are aligned before tightening the screws.



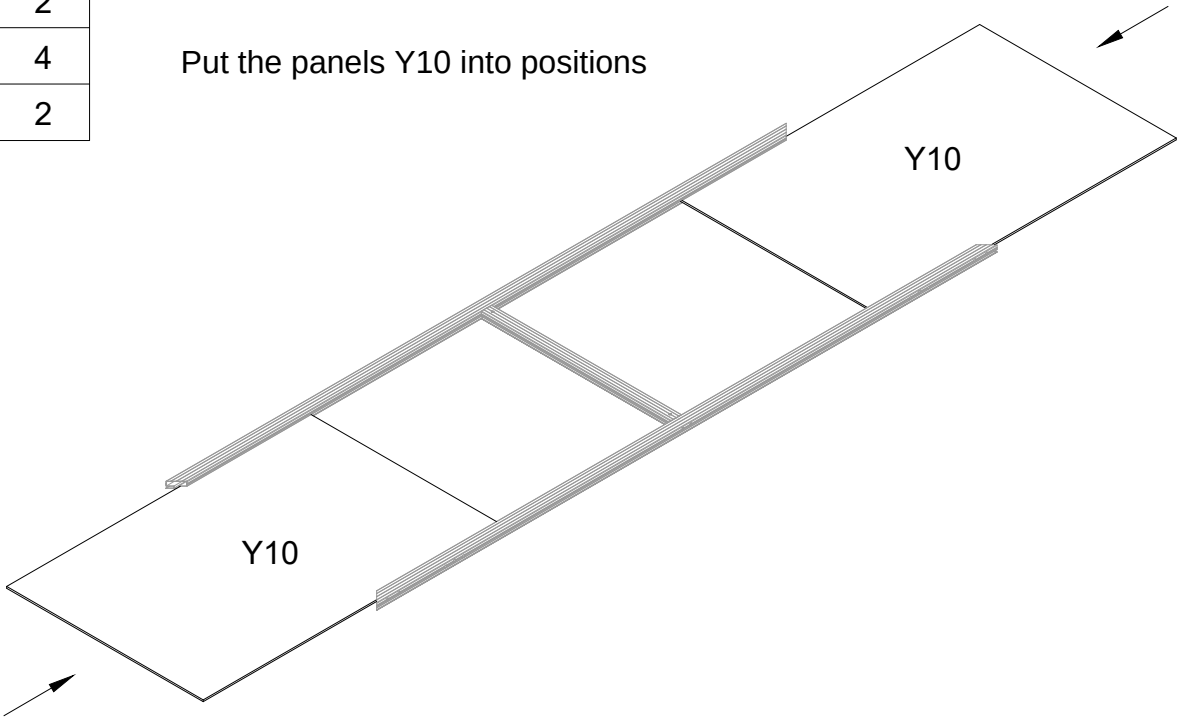
Connect L02O-1 and L02O-2 using Part A118, secure the connection with Bolt S86.



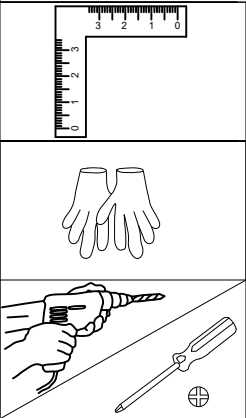
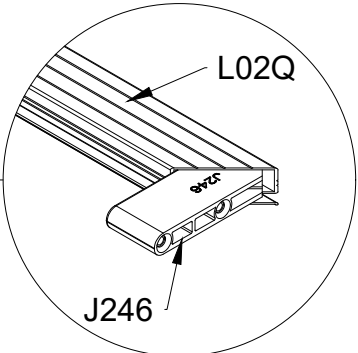
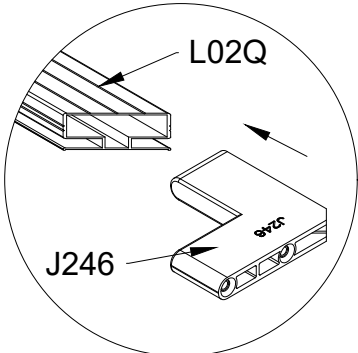
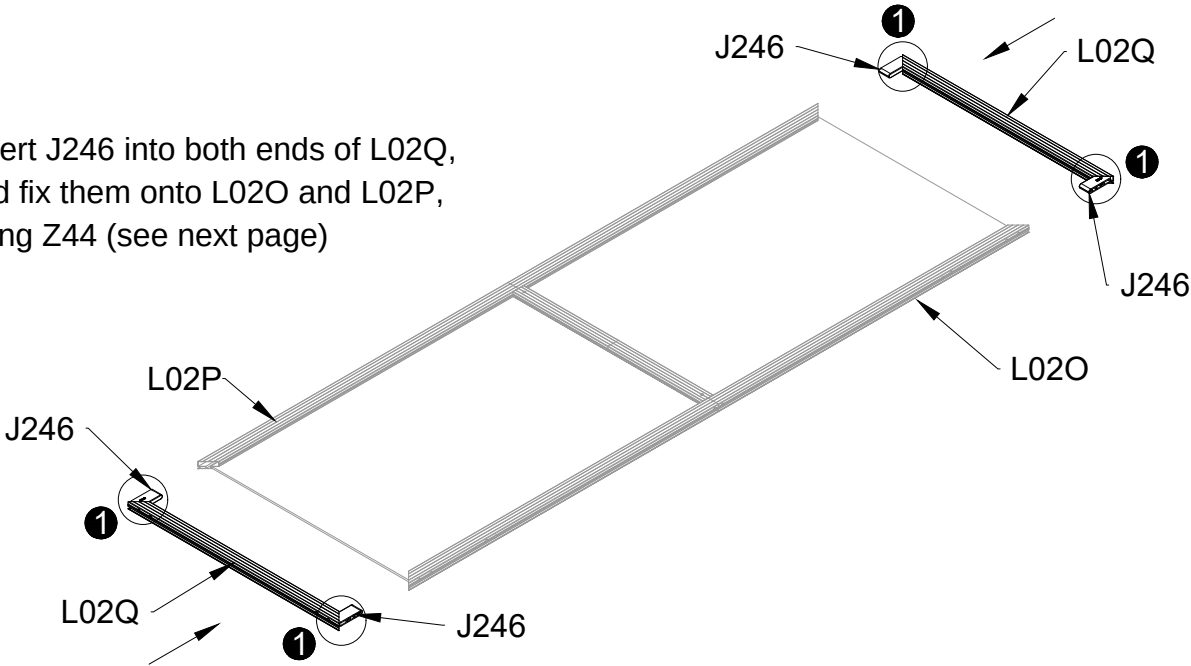
Fix L02R onto L02P-1 and L02O-1, using Z44.

PART	NO	QTY
	L02Q	2
	J246	4
	Y10	2

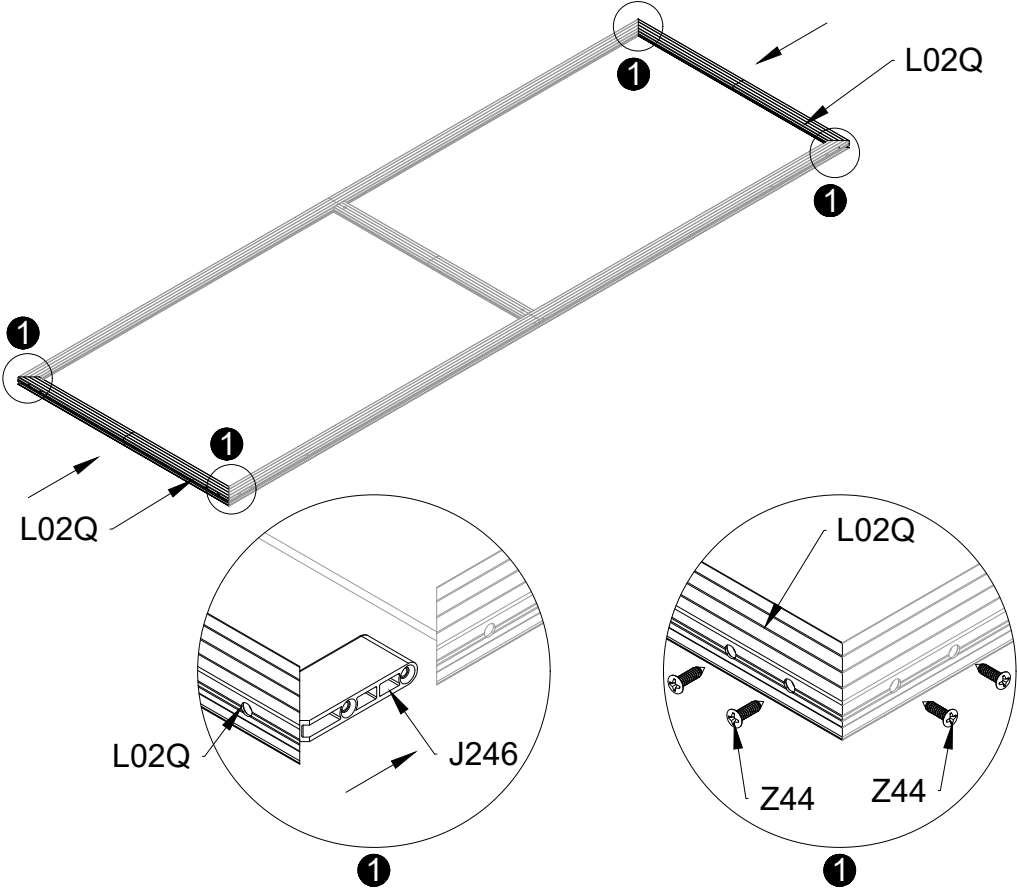
Put the panels Y10 into positions



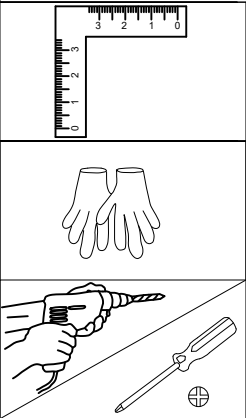
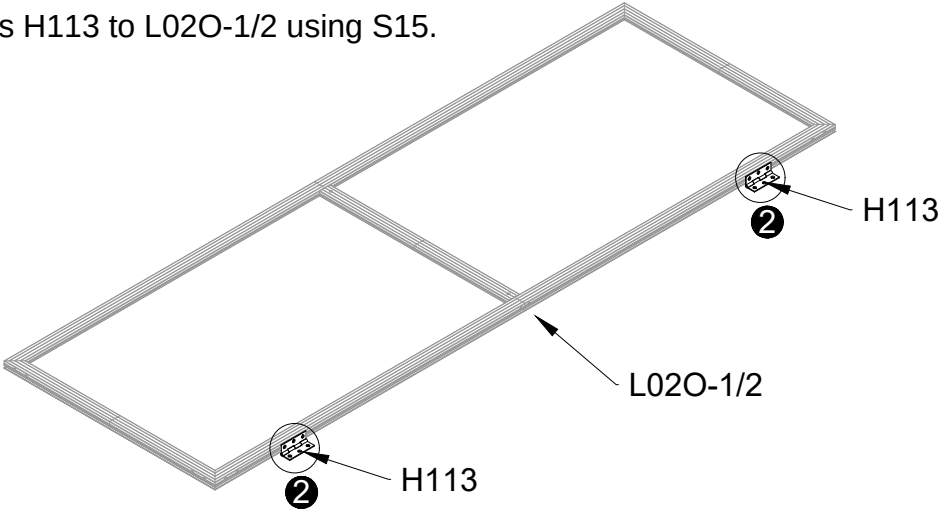
Insert J246 into both ends of L02Q, and fix them onto L02O and L02P, using Z44 (see next page)



PART	NO	QTY
	H113	2
	S15 M4X10	6
	Z44 Ø4X20	16

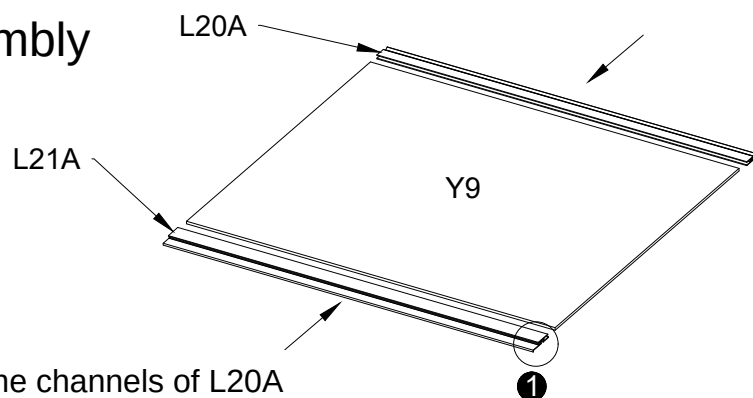


Attach two hinges H113 to L02O-1/2 using S15.

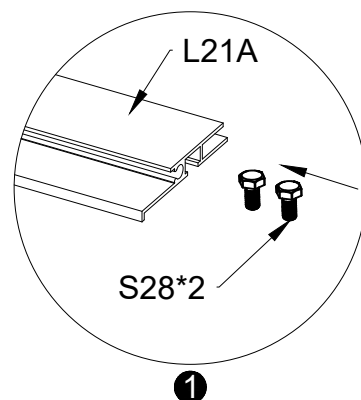
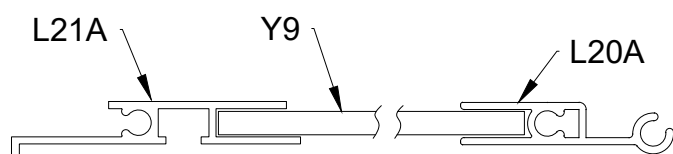


PART	NO	QTY
	L19A	2
	L20A	1
	L21A	1
	Y9	1
	S28 M4X10	2
	Z03 Ø4X12	4
	A111	1
	M02 M4	2

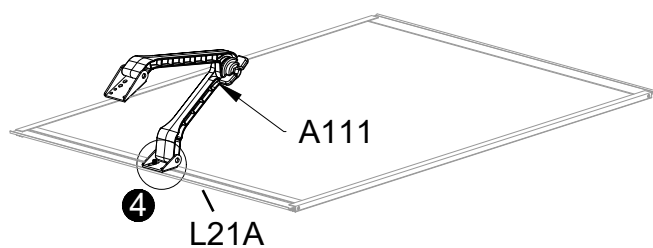
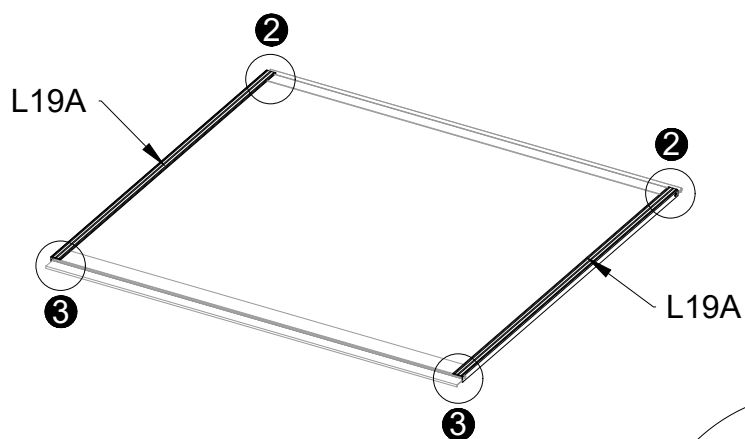
Window Assembly



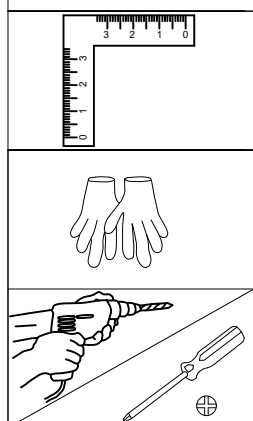
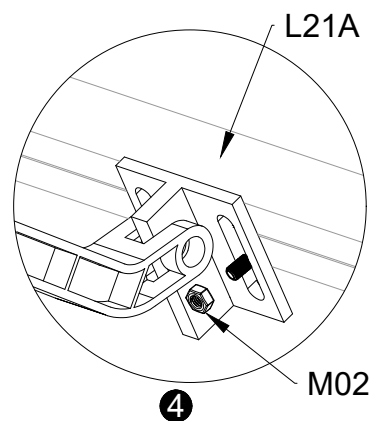
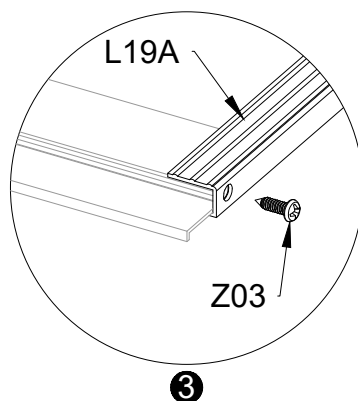
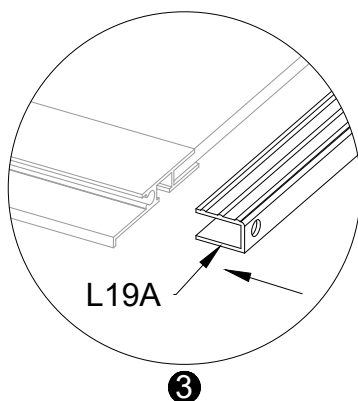
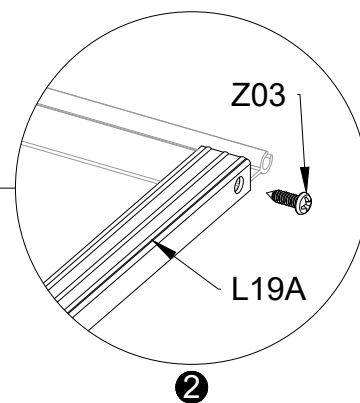
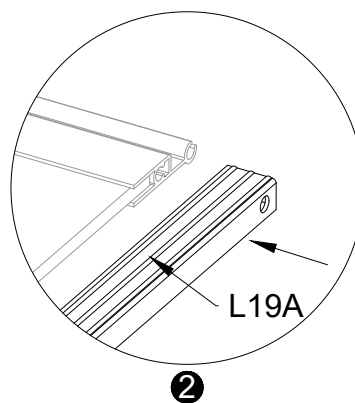
Insert panel Y9 into the channels of L20A and L21A as shown, then fix them with two L19A, secure them using Z03.

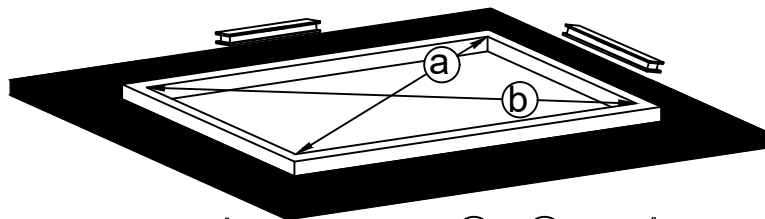
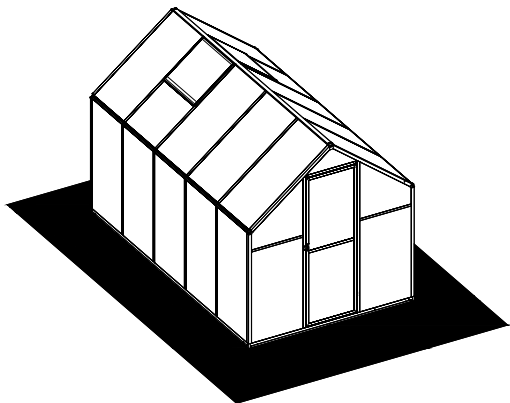


Slide 2 x S28 into the slot of L21A.

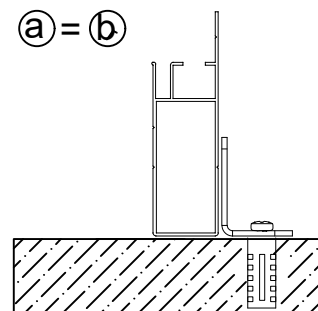
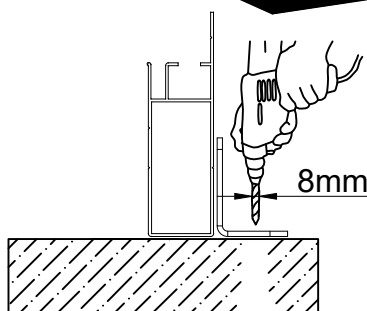


Fix part A111 onto L21A, using the bolts S28 preloaded and M02.



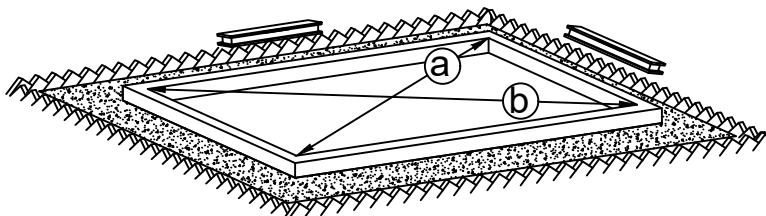
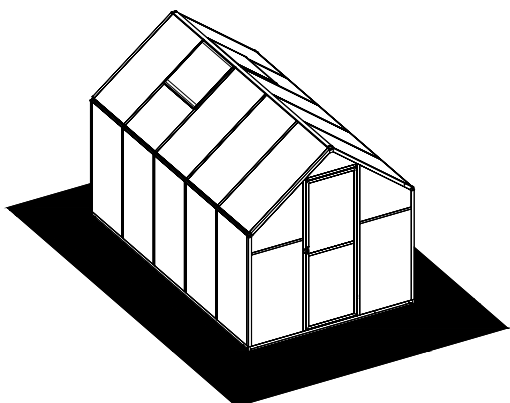


$a = b$

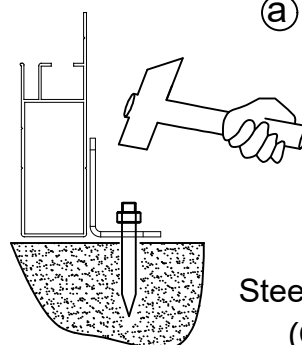


Expansion screw/
Concrete ground
(Standard)

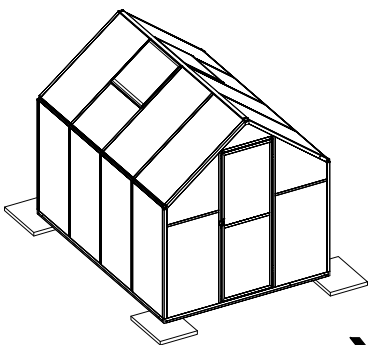
It is essential the dimensions $a + b$ are the same to ensure the base is square.



$a = b$



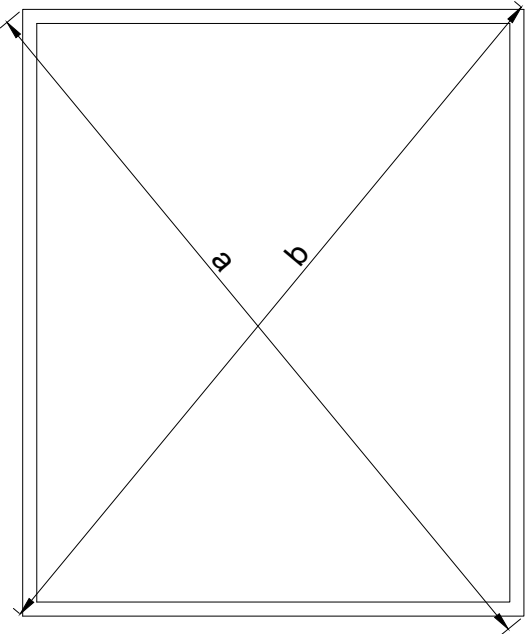
Steel pegs in soil
(Optional)



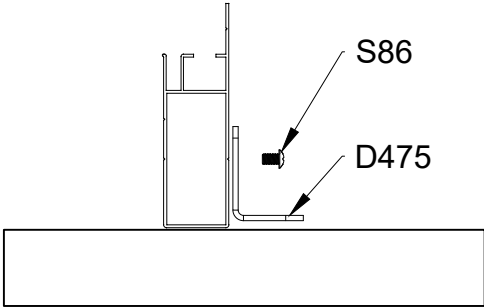
Support at the corners only is inadequate.

PART	NO	QTY
	D475	16
	J156	16
	Z13 ST5X40	16
	S86 M4X10	16

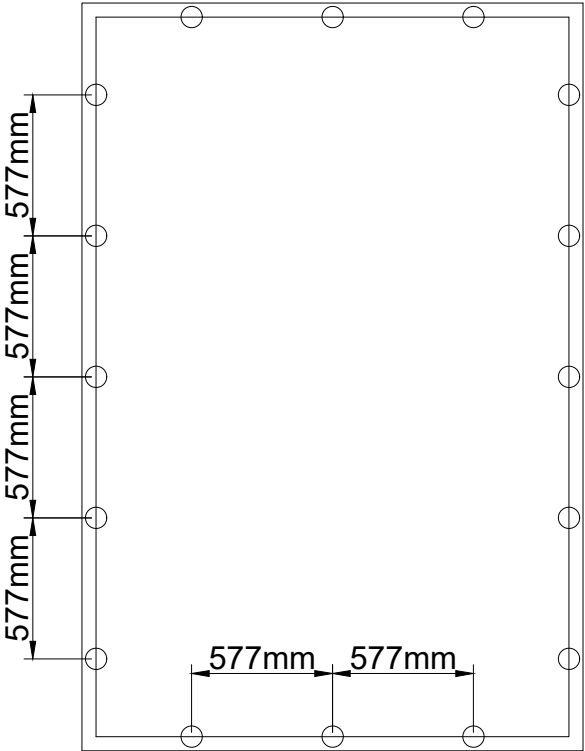
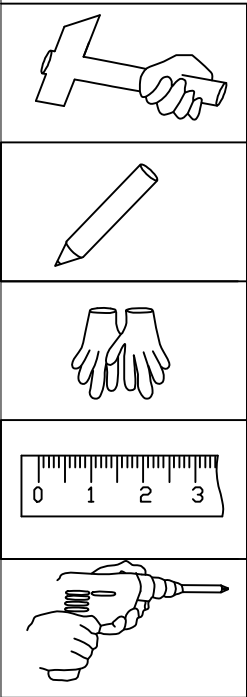
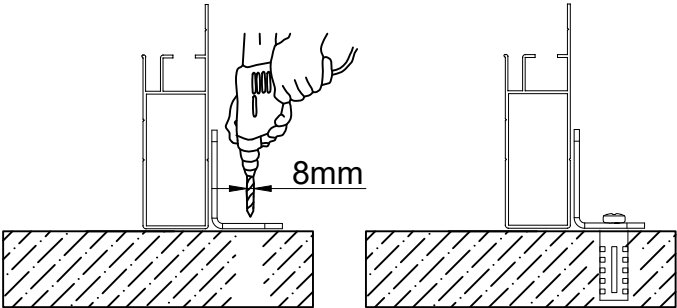
Attention:
After installing the foundation, ensure that you pull the diagonal lines to verify that the foundation is square.



Ⓐ = Ⓑ
Door

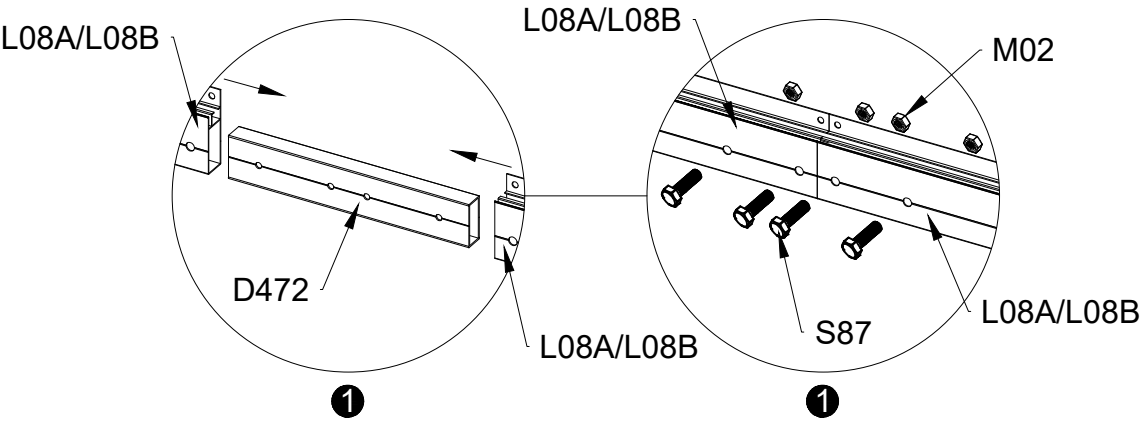


Expansion bolts assembly

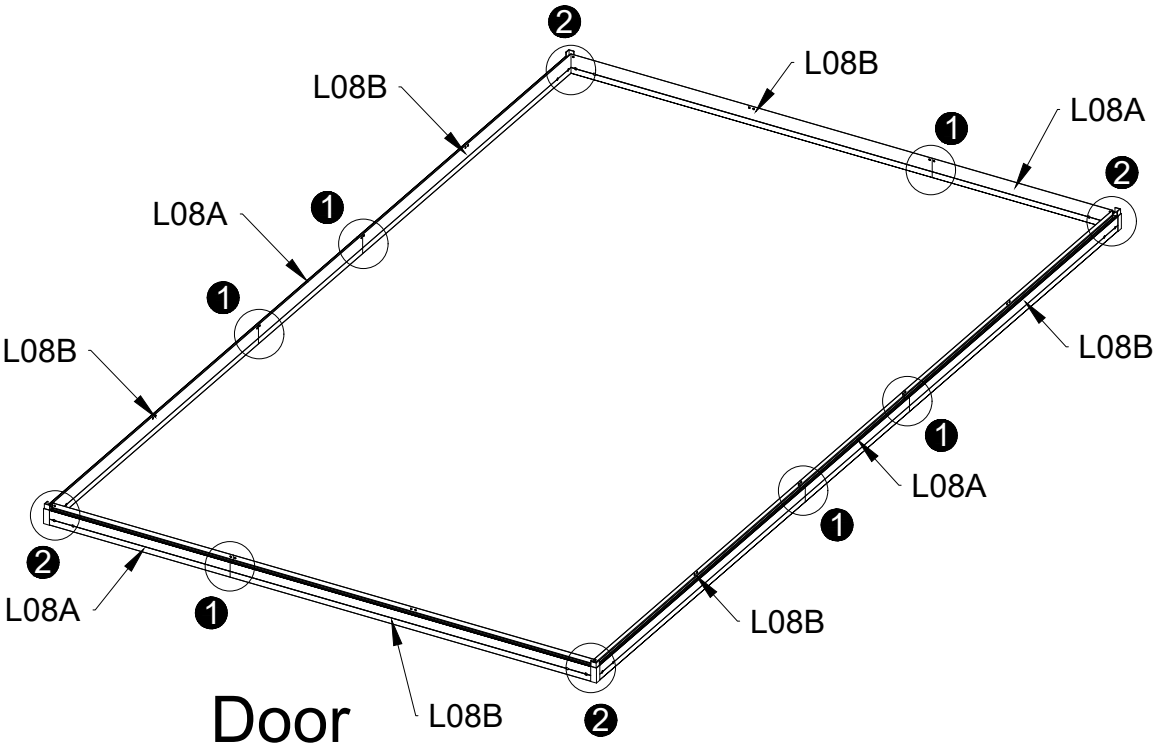


This layout illustrates the placement of the D475 units at the center of each glazing panel in every section.

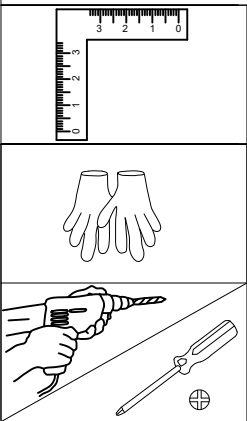
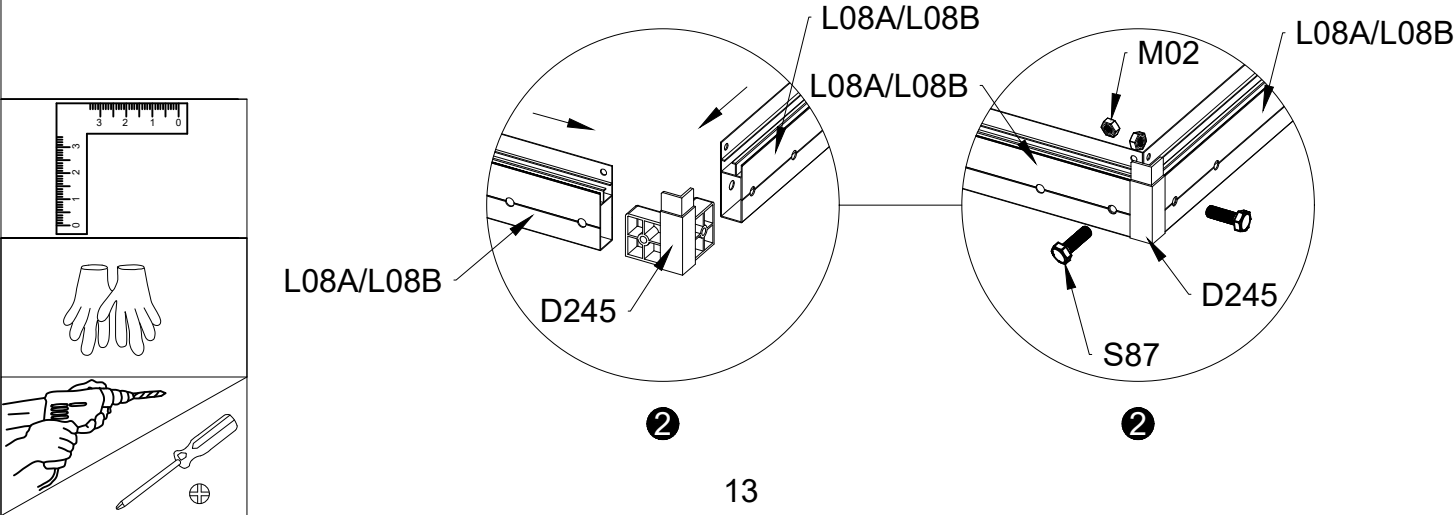
PART	NO	QTY
	L08A	4
	L08B	6
	D472	6
	J245	4
	S87 M4X25	32
	M02 M4	32



Use connector D472 to connect the L08A and L08B pieces together, then secure the connection with S87 bolts and M02 nuts.

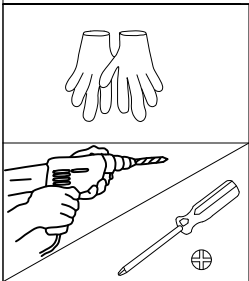
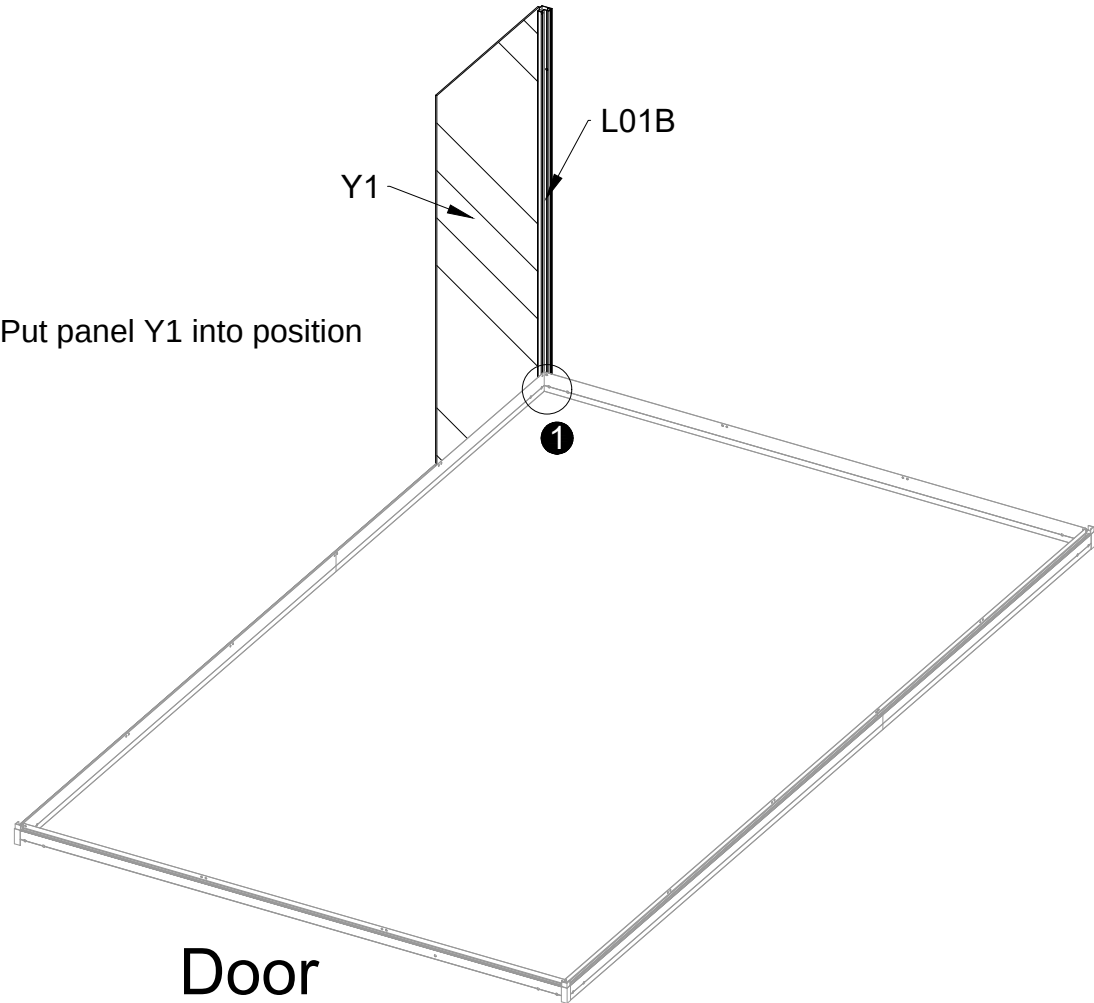
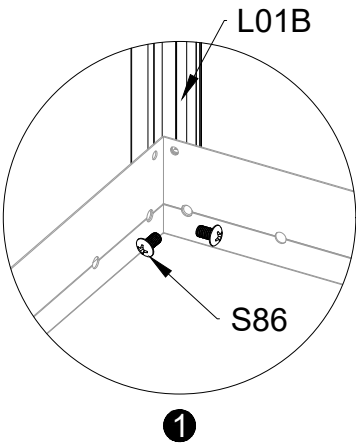


Insert corner connector D245 and connect the four aluminum pieces to form the square base. Secure the connections with S87 bolts and M02 nuts.

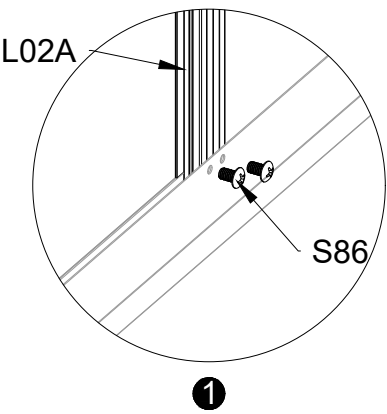


PART	NO	QTY
	L01B	1
	Y1	1
	S86 M4X10	2

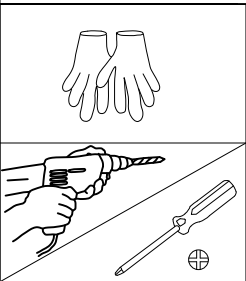
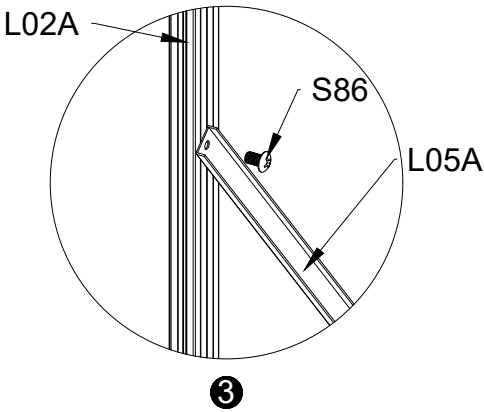
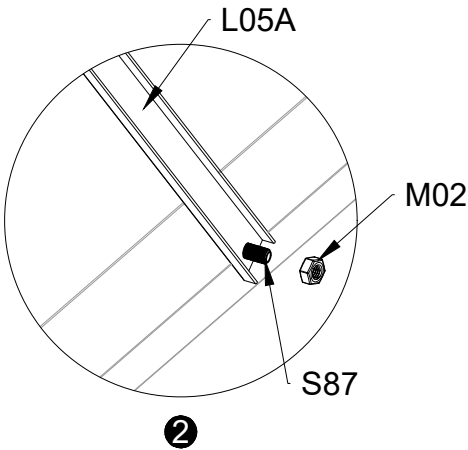
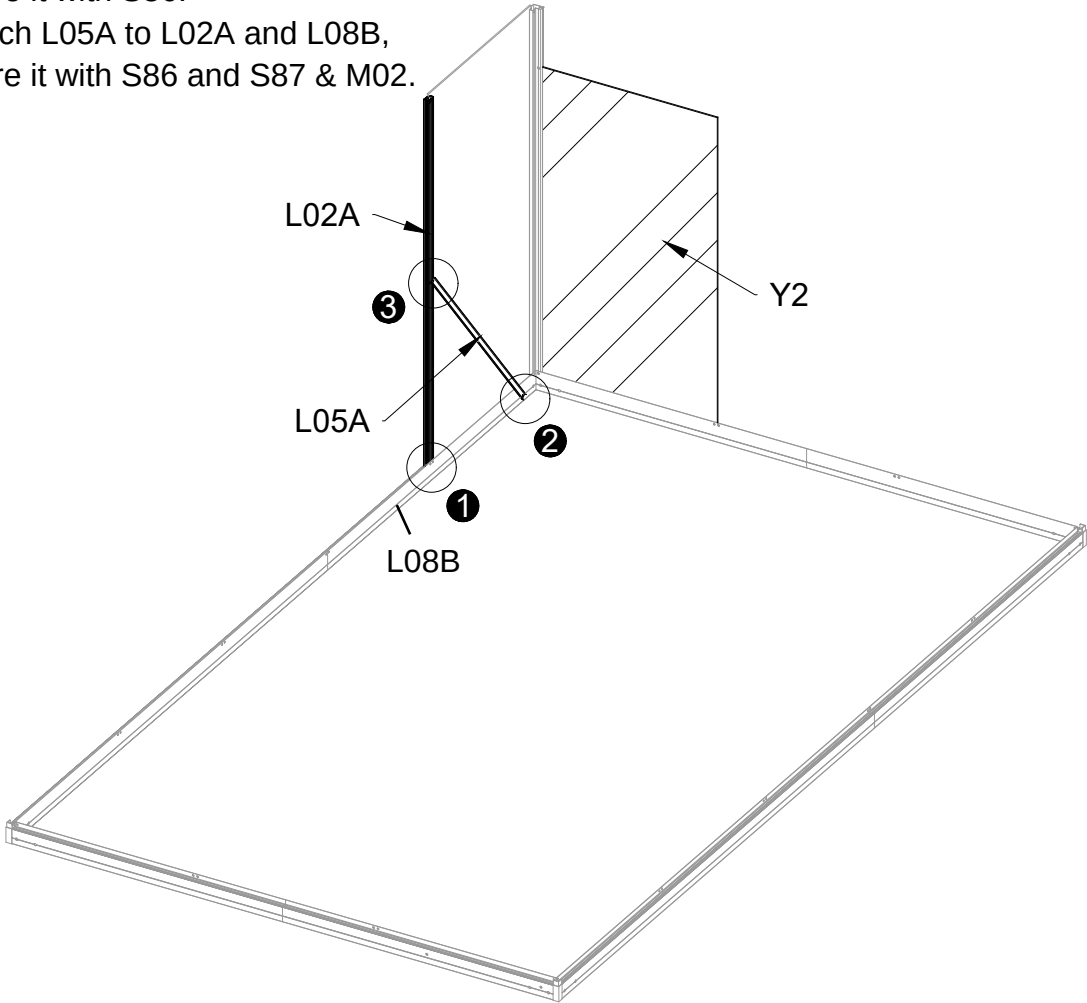
Attach the L01B to the angle as shown,
and secure it with the S86.



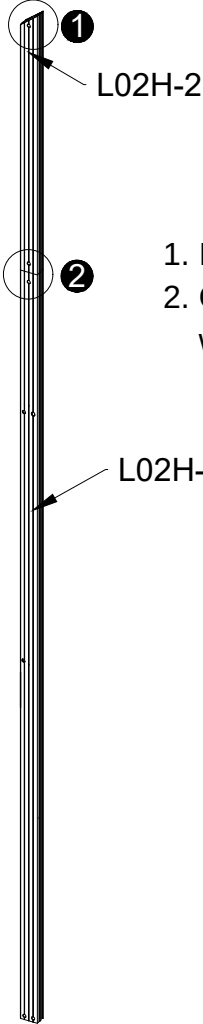
PART	NO	QTY
	L02A	1
	L05A	1
	Y2	1
	S86 M4X10	3
	S87 M4X25	1
	M02 M4	1



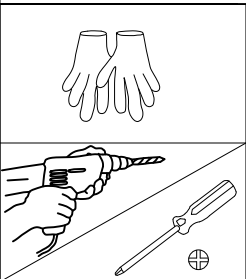
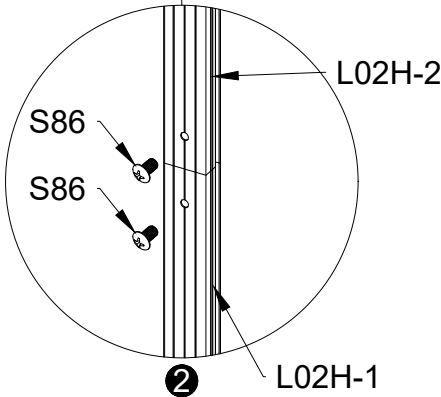
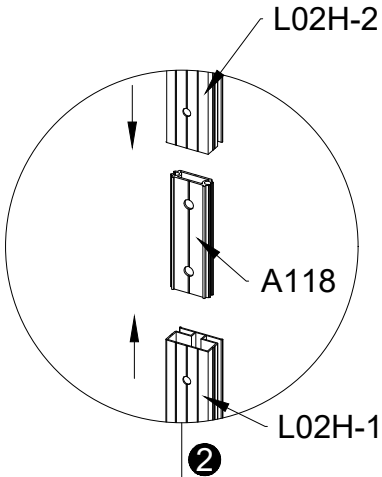
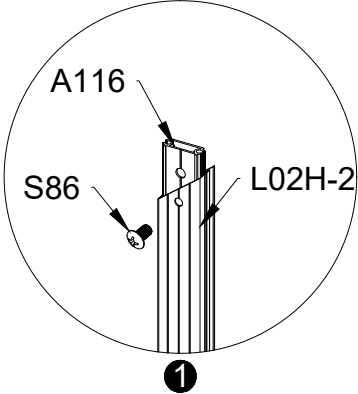
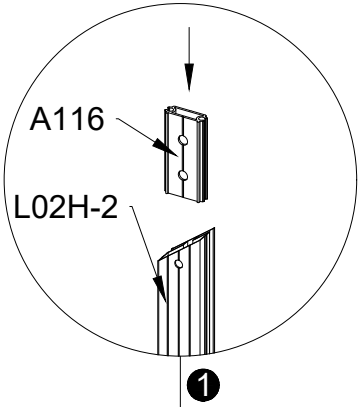
Attach L02A to the base profile L08B and secure it with S86.
Then attach L05A to L02A and L08B, and secure it with S86 and S87 & M02.



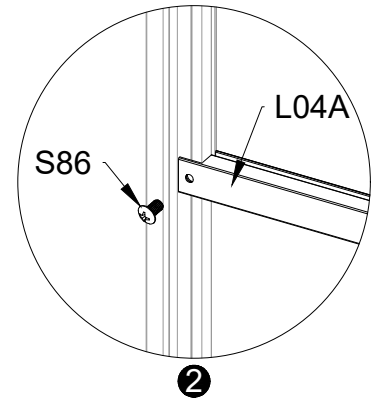
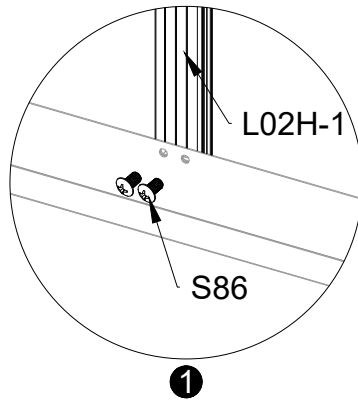
PART	NO	QTY
	L02H-1	1
	L02H-2	1
	A116	1
	A118	1
	S86 M4X10	3



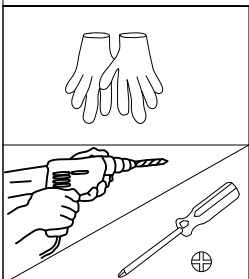
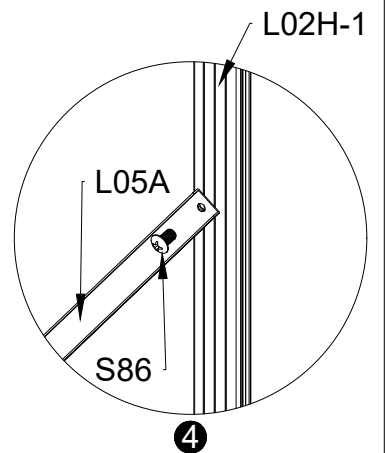
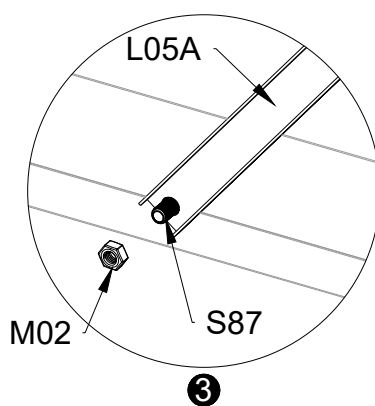
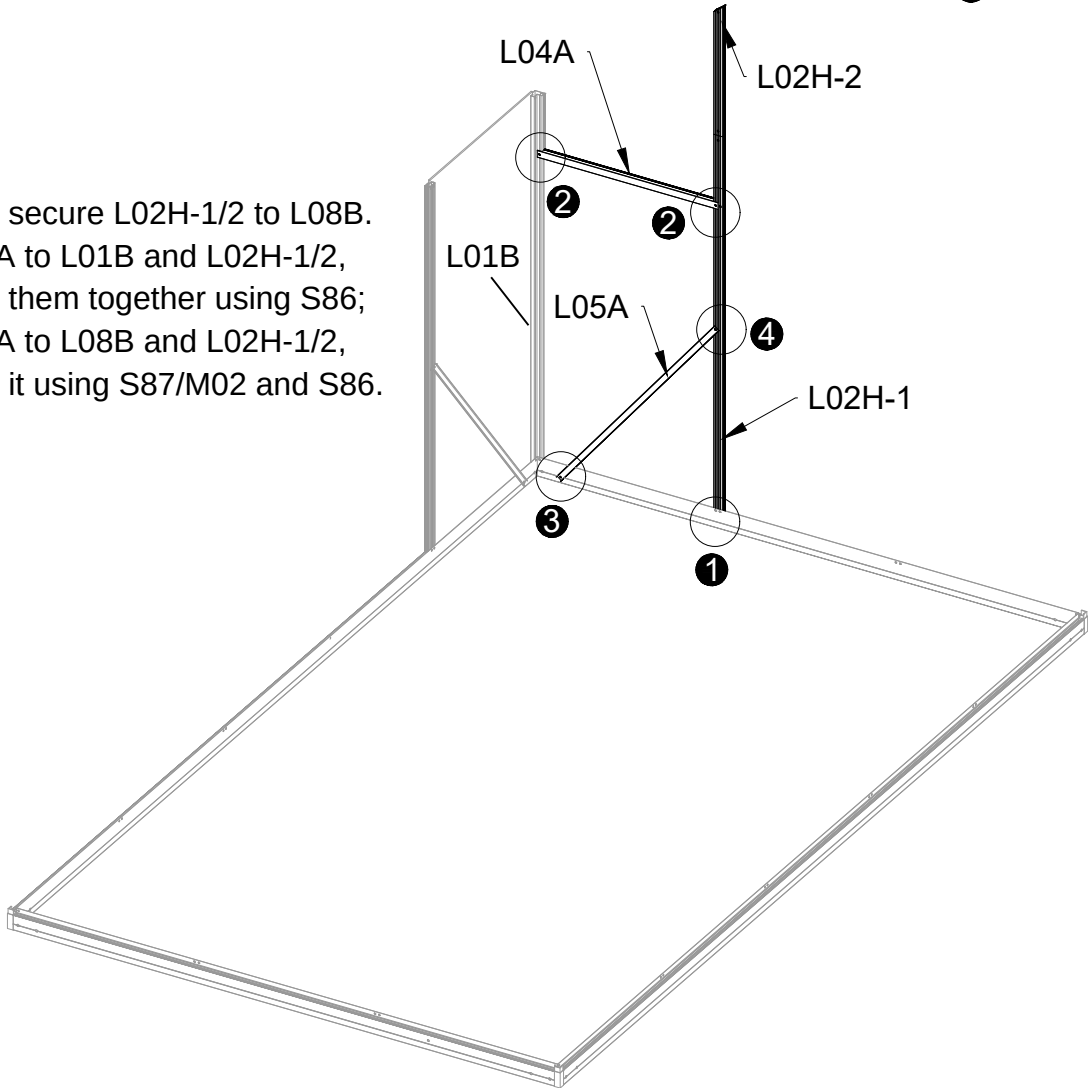
1. Insert one end of A116 into the tube of L02H-2 and secure it with S86.
2. Connect L02H-1 and L02H-2 using Connector A118, and secure them with S86.



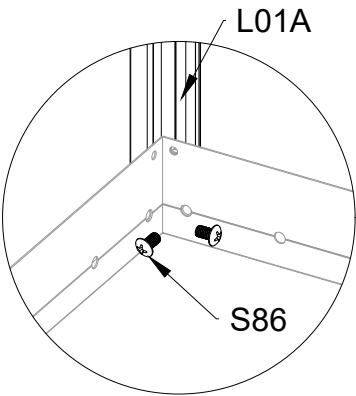
PART	NO	QTY
	L04A	1
	L05A	1
	S86	5
	M4X10	
	S87	1
	M4X25	
	M02	1
	M4	



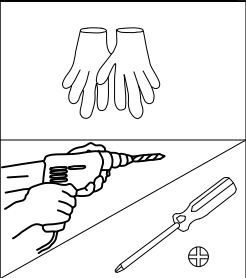
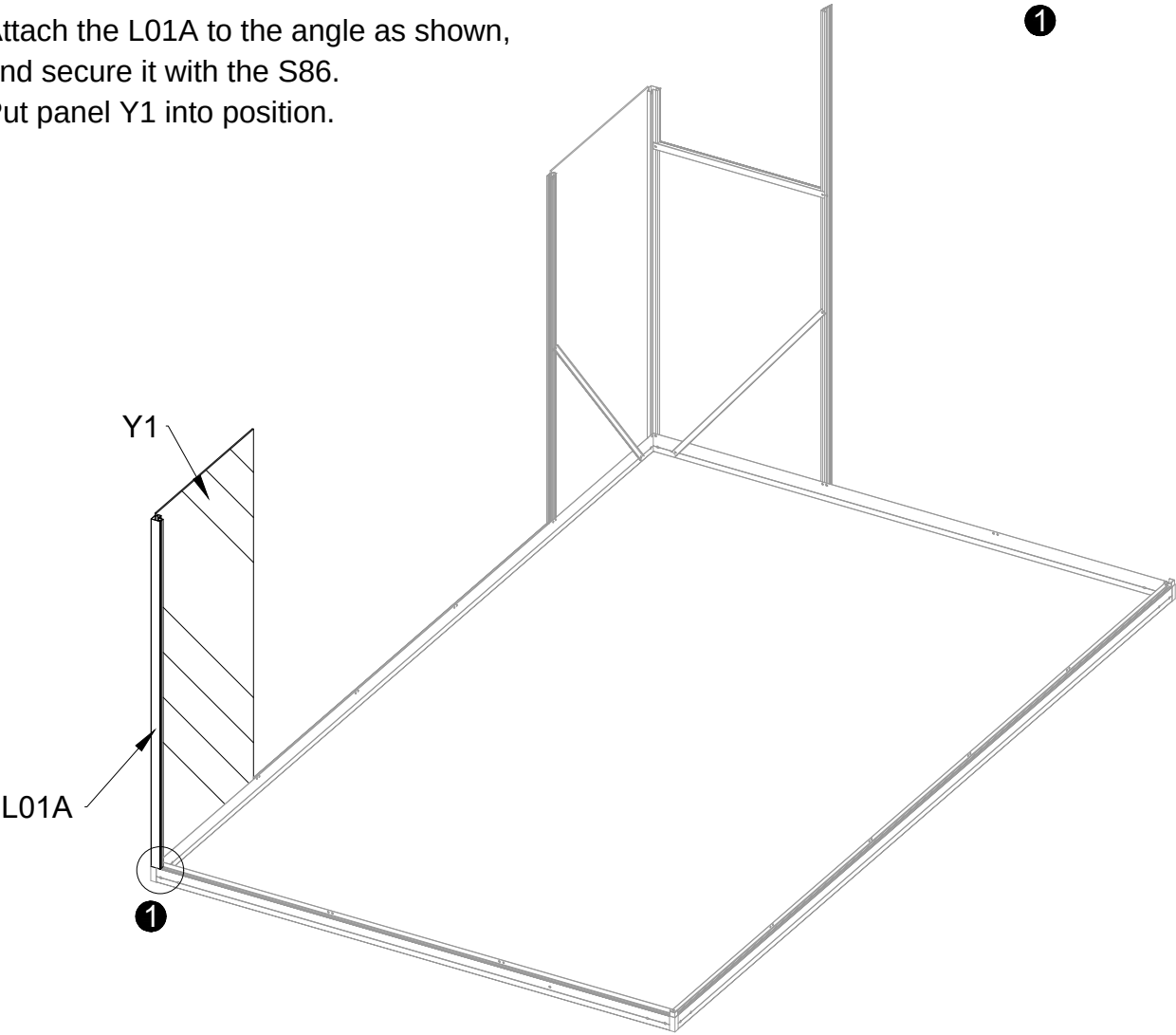
1. Use S86 to secure L02H-1/2 to L08B.
2. Attach L04A to L01B and L02H-1/2, and secure them together using S86;
3. Attach L05A to L08B and L02H-1/2, and secure it using S87/M02 and S86.



PART	NO	QTY
	L01A	1
	Y1	1
	S86 M4X10	2

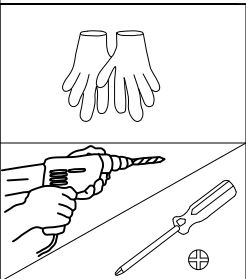
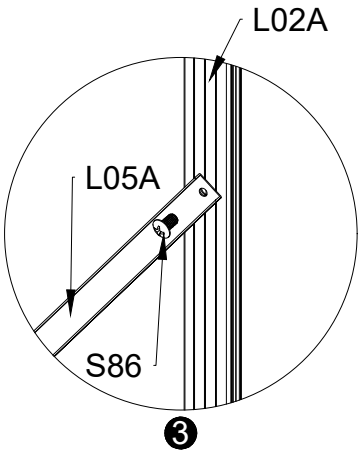
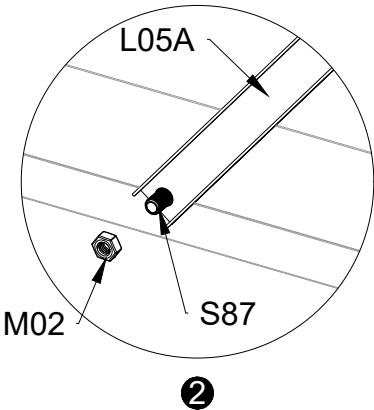
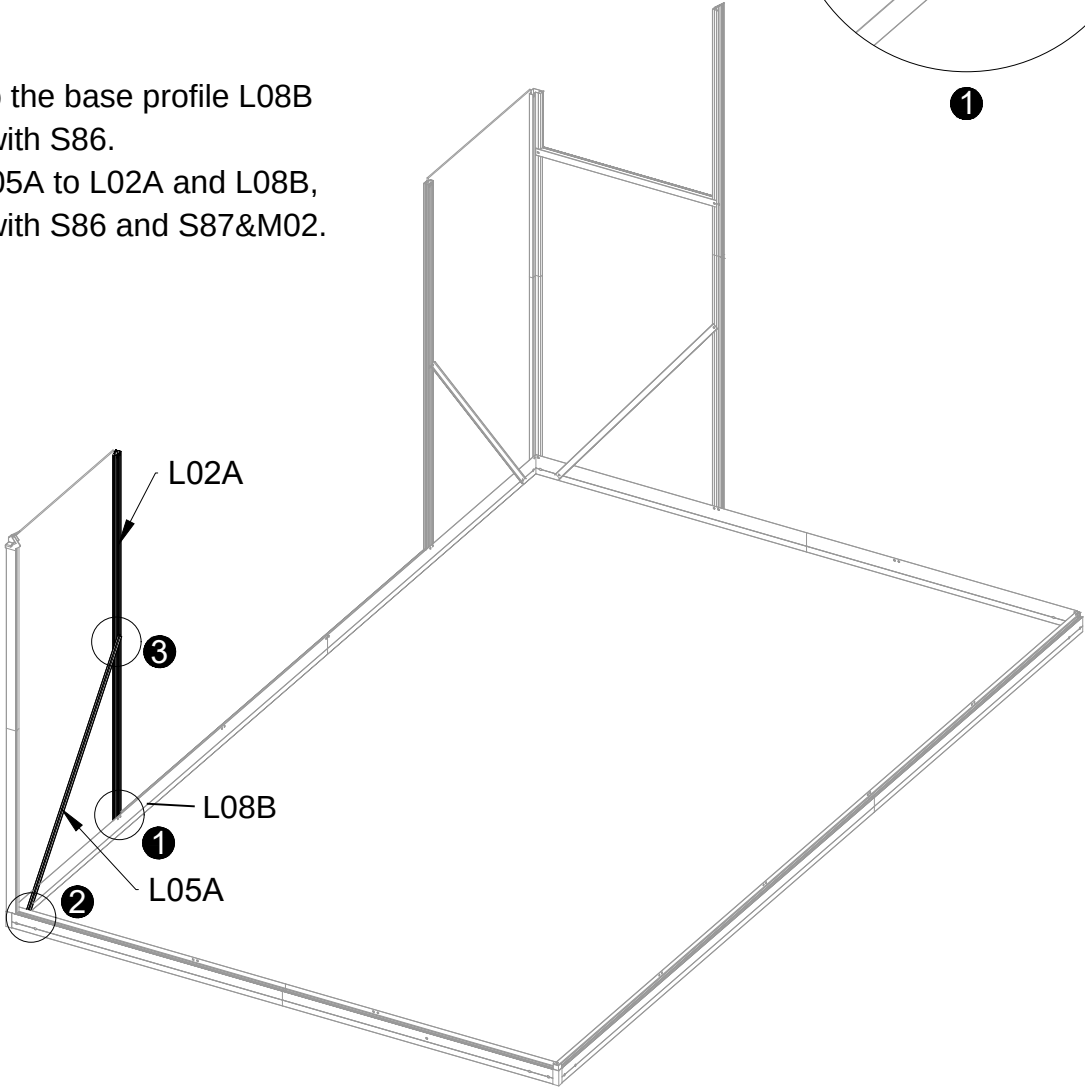
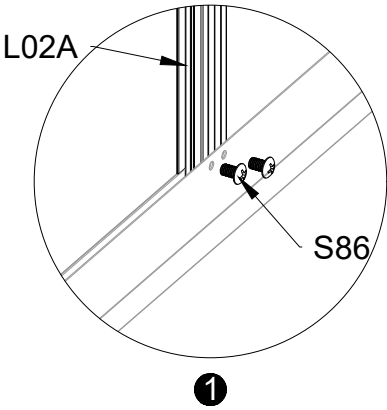


Attach the L01A to the angle as shown,
and secure it with the S86.
Put panel Y1 into position.

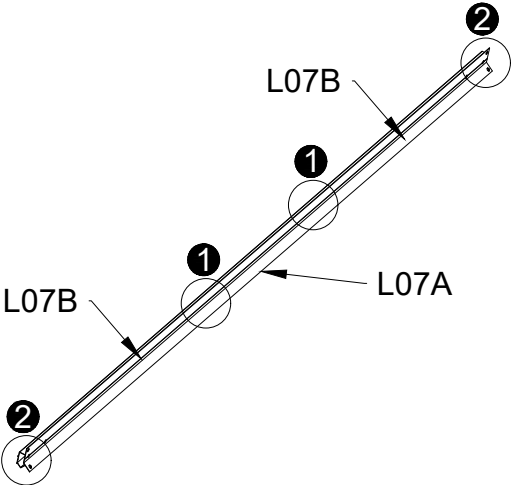
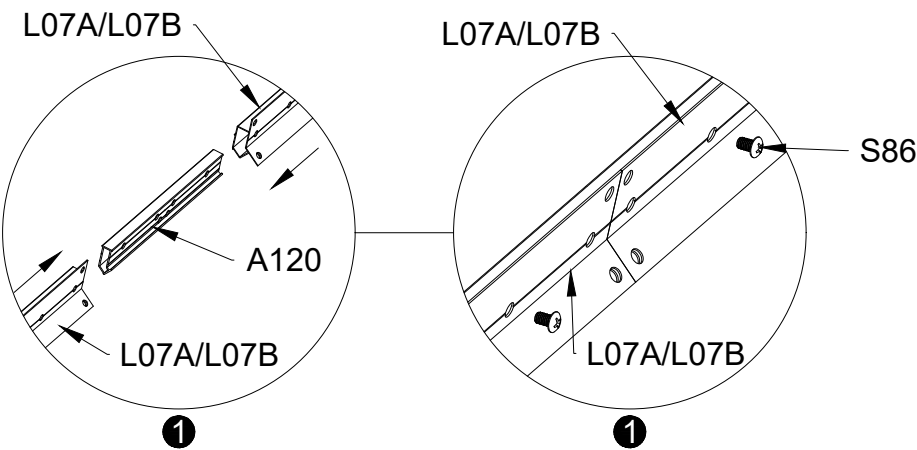


PART	NO	QTY
	L02A	1
	L05A	1
	S86 M4X10	3
	S87 M4X25	1
	M02 M4	1

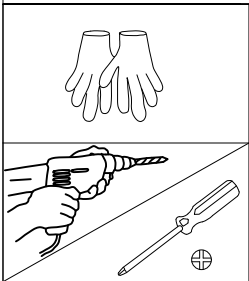
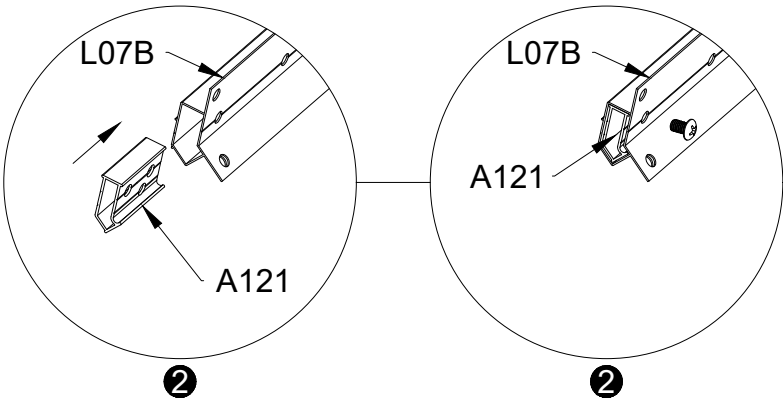
Attach L02A to the base profile L08B and secure it with S86.
Then attach L05A to L02A and L08B, and secure it with S86 and S87&M02.



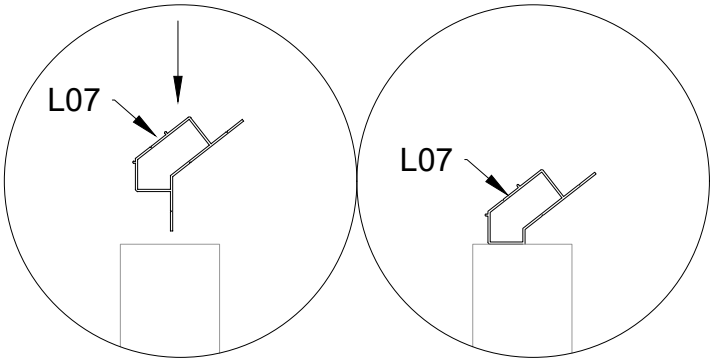
PART	NO	QTY
	L07A	1
	L07B	2
	A120	2
	A121	2
	S86 M4X10	6



Use A120 to connect L07A with the two L07B pieces and secure them with S86 bolts. Insert A121 into both ends of the connected L07B and secure them with S86 bolts.

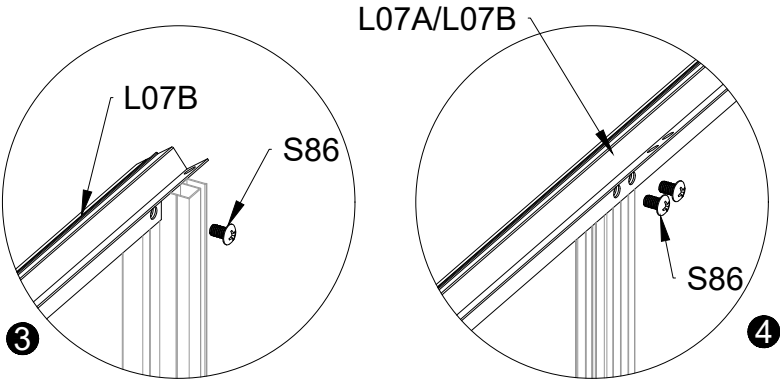
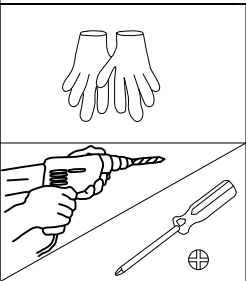
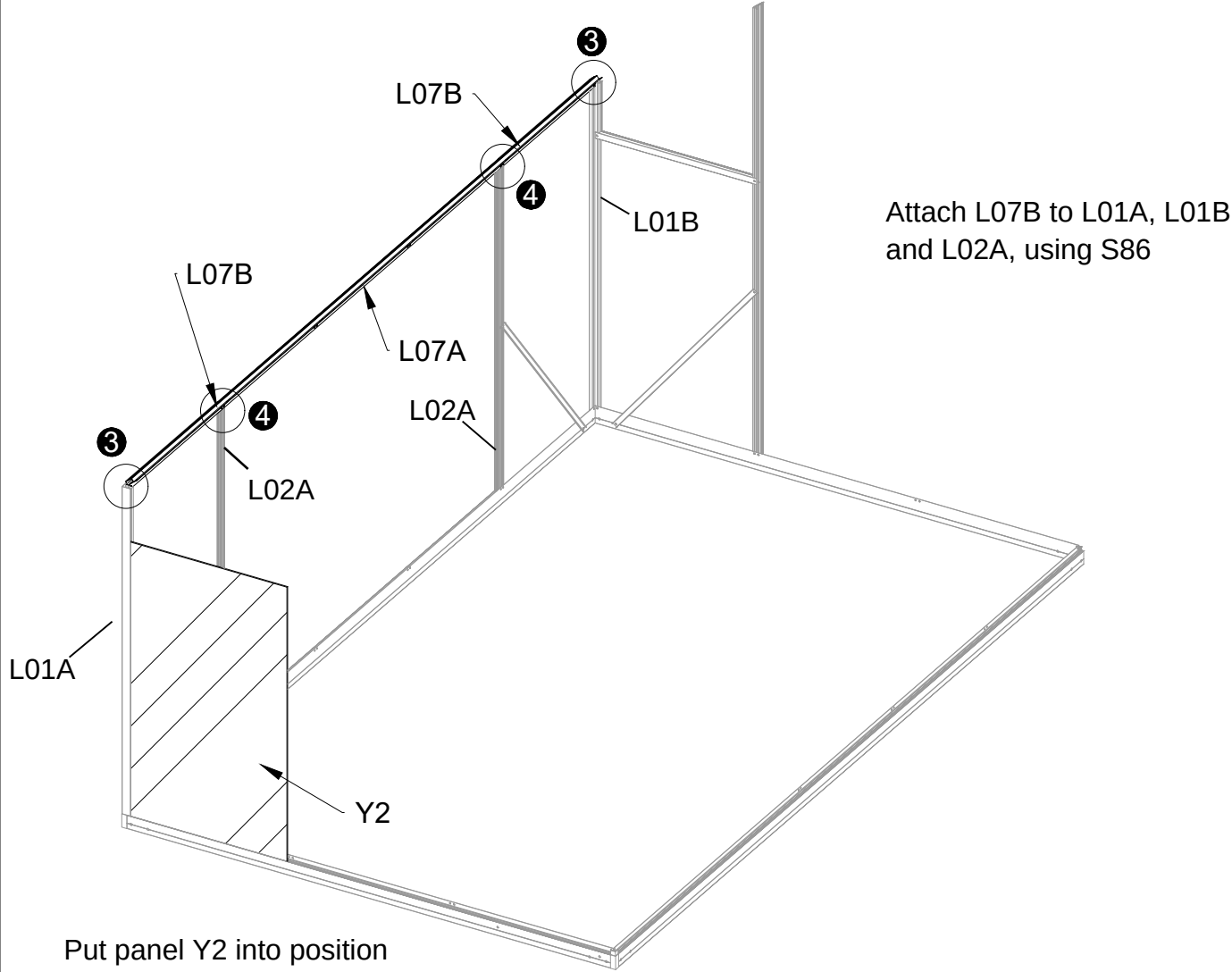


PART	NO	QTY
	Y2	1
	S86 M4X10	6

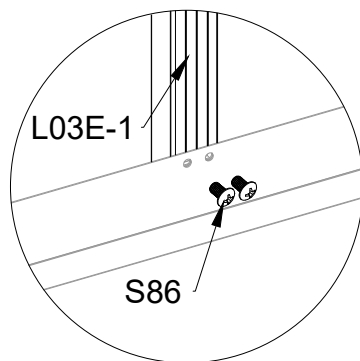


Attention:

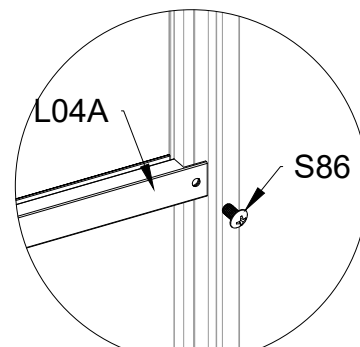
Ensure the L07B pieces are placed in the correct direction when attaching them to L01A, L01B and L02A, then secure with screws.



PART	NO	QTY
	L04A	1
	L05A	1
	Y2	1
	S86	5
	M4X10	
	S87	1
	M4X25	
	M02	1
	M4	

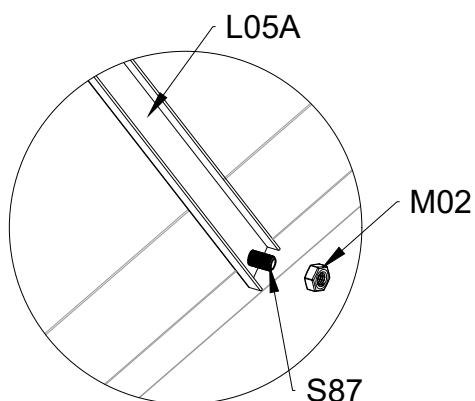
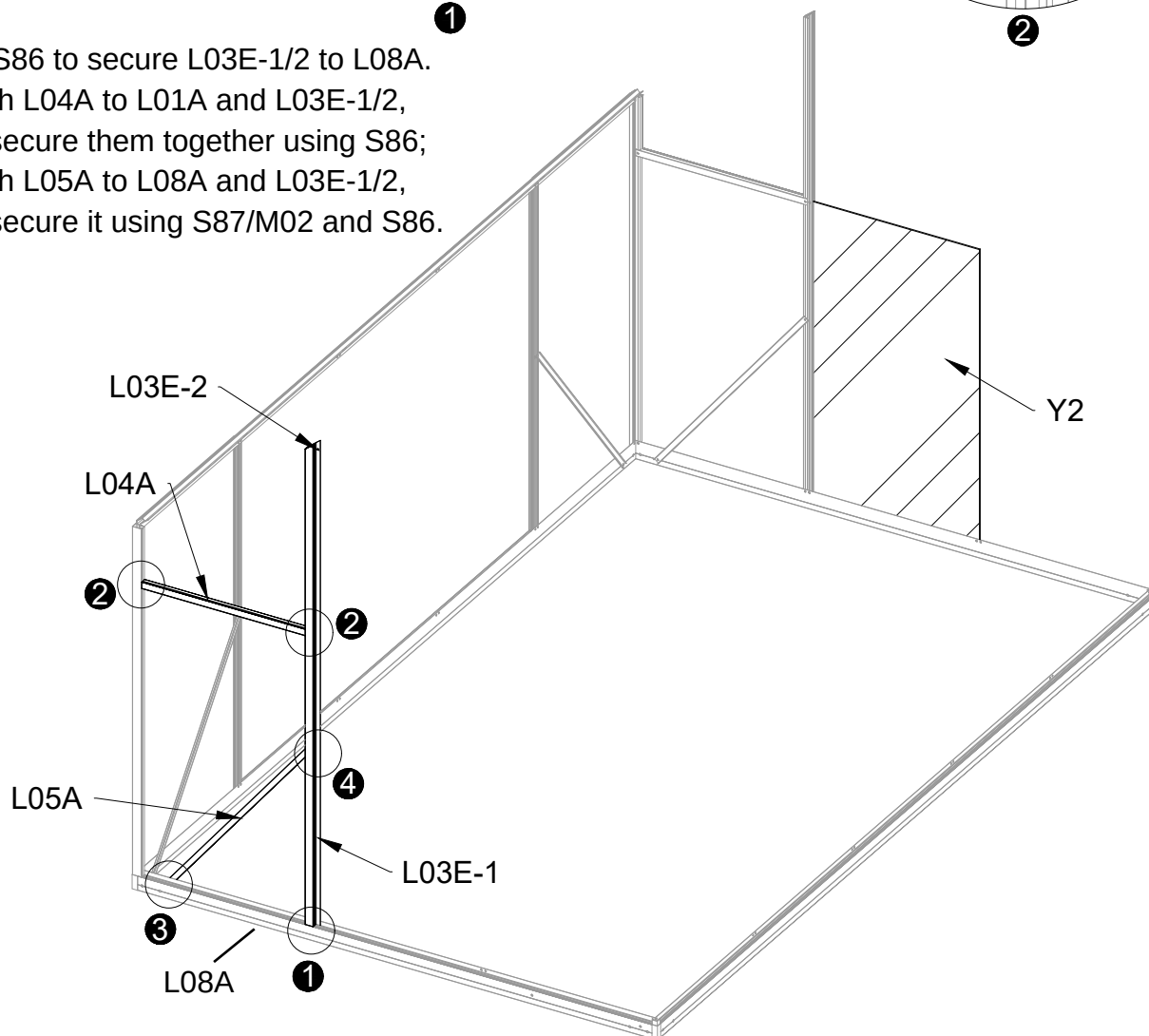


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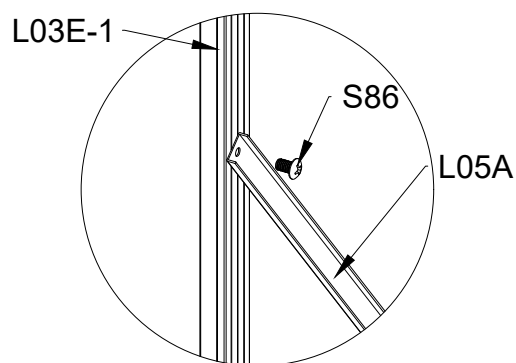


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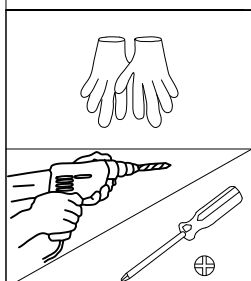
1. Use S86 to secure L03E-1/2 to L08A.
2. Attach L04A to L01A and L03E-1/2, and secure them together using S86;
3. Attach L05A to L08A and L03E-1/2, and secure it using S87/M02 and S86.



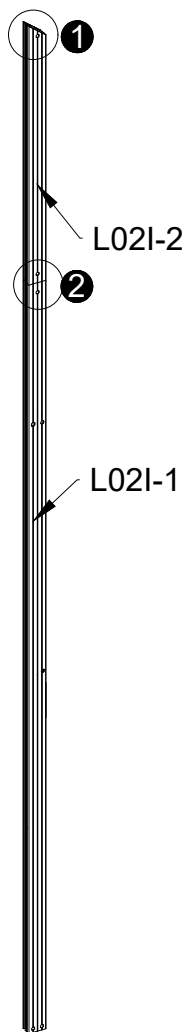
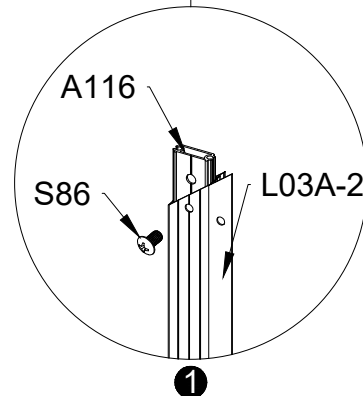
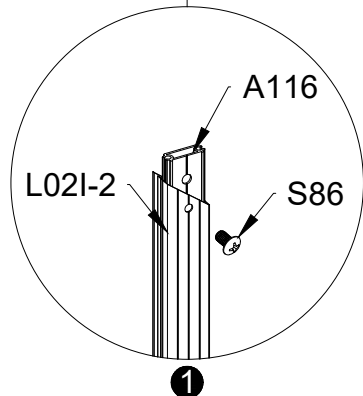
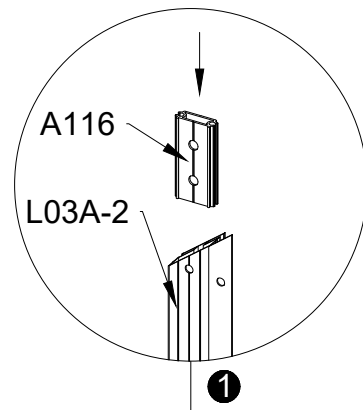
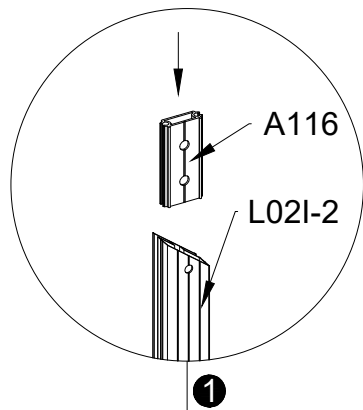
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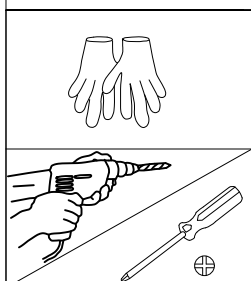
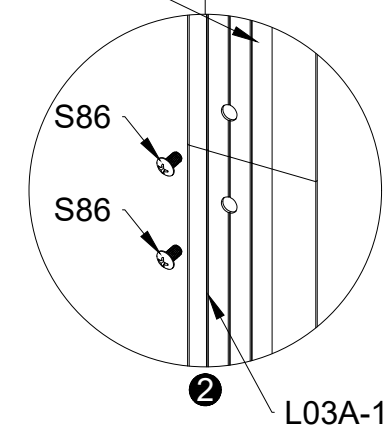
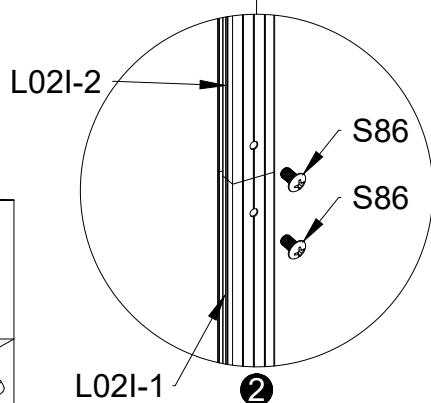
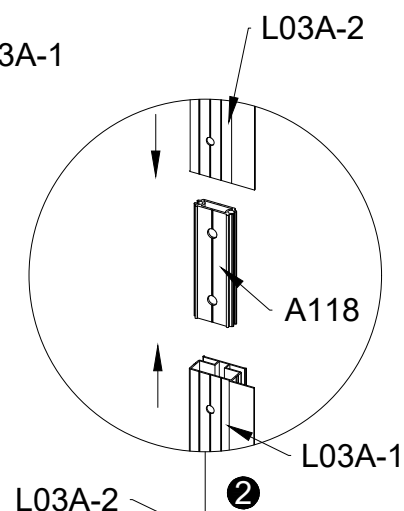
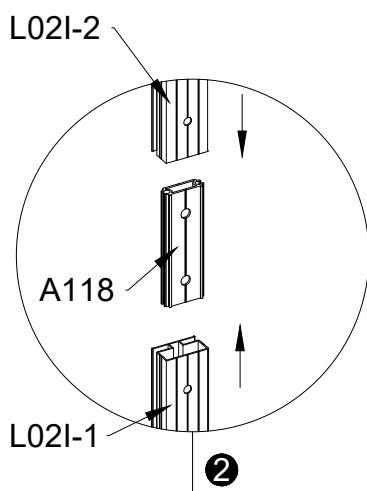
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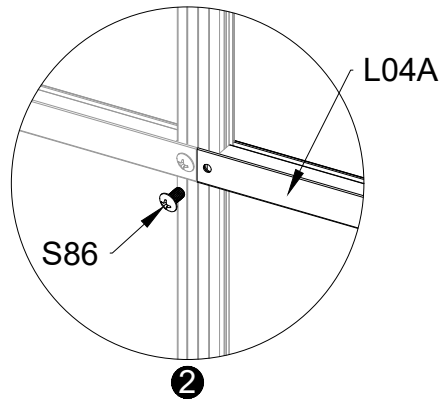
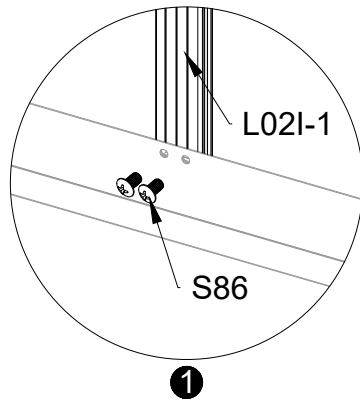
PART	NO	QTY
	L02I-1	1
	L02I-2	1
	L03A-1	1
	L03A-2	1
	A116	2
	A118	2
	S86 M4X10	6



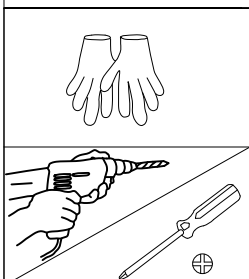
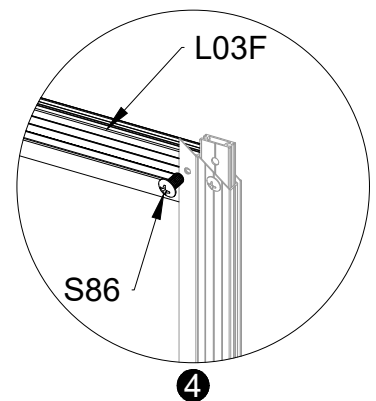
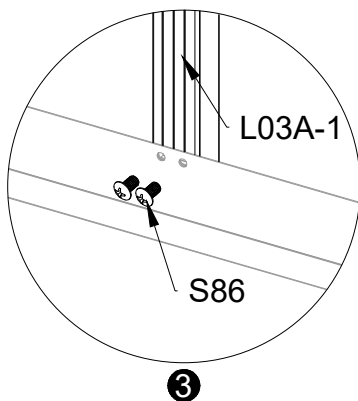
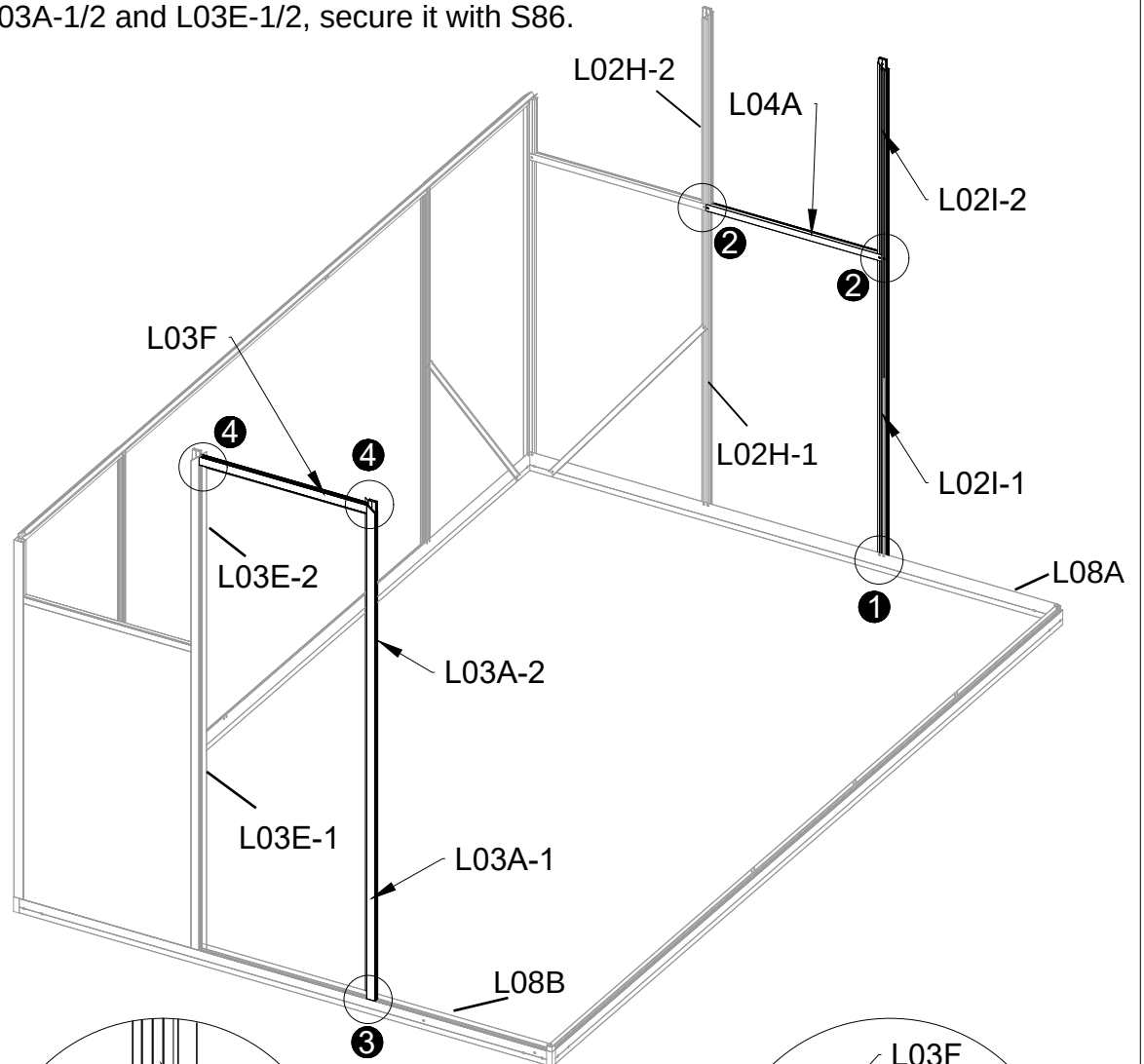
1. Insert one end of A116 into the tube of L02I-2 and secure it with S86.
2. Connect L02I-1 and L02I-2 using connector A118, secure them using S86.
3. Connect L03A-1 and L03A-2 the same way as above.



PART	NO	QTY
	L03F	1
	L04A	1
	S86 M4X10	8

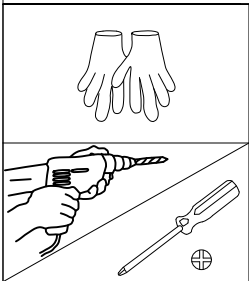
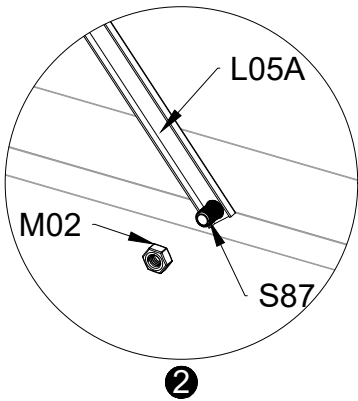
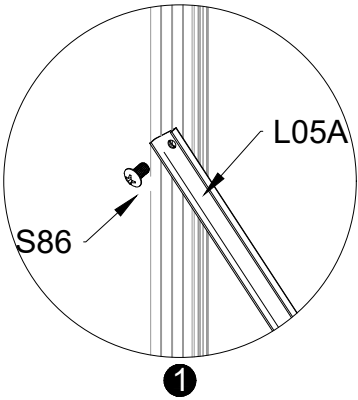
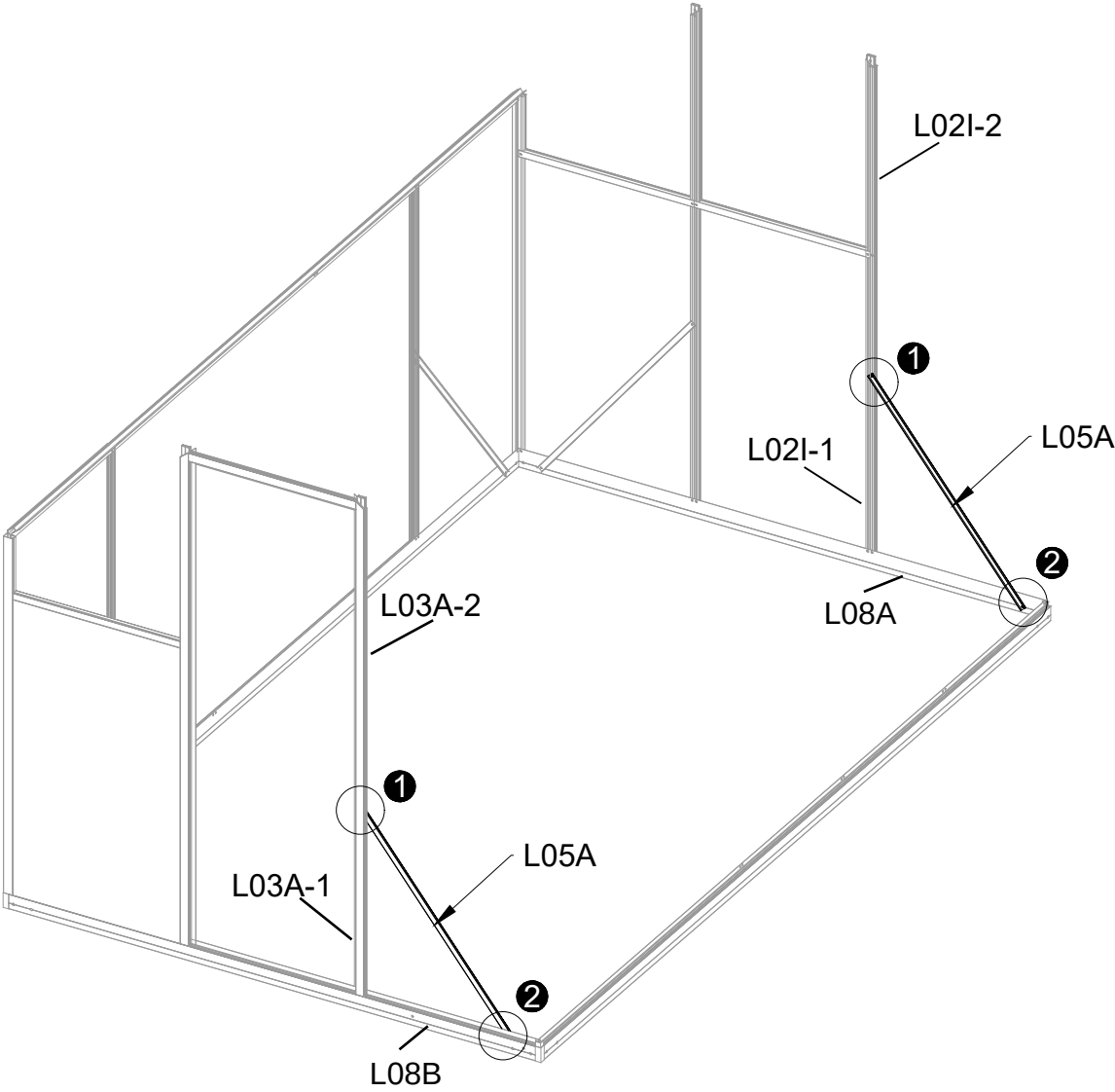


1. Attach the connected L02I to L08A, secure it with S86.
2. Attach L04A to L02H-1/2 and L02I-1/2, secure it with S86.
3. Attach the connected L03A to L08B, secure it with S86.
4. Attach L03F to L03A-1/2 and L03E-1/2, secure it with S86.

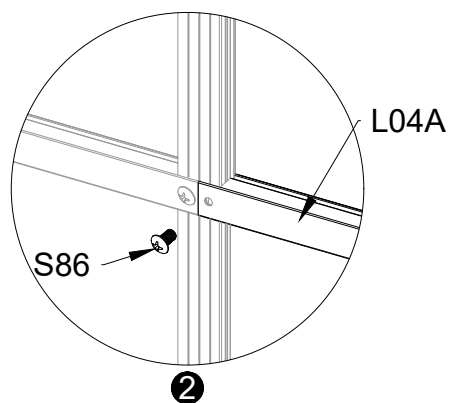
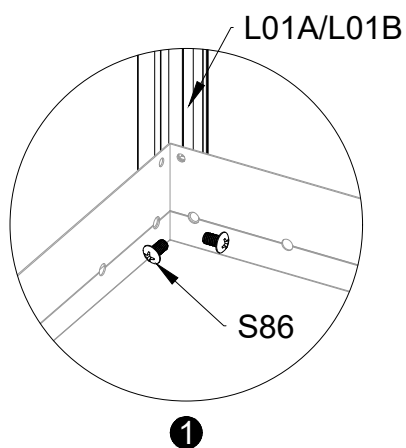


PART	NO	QTY
	L05A	2
	S86 M4X10	2
	S87 M4X25	2
	M02 M4	2

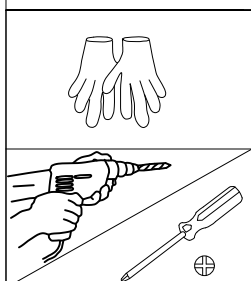
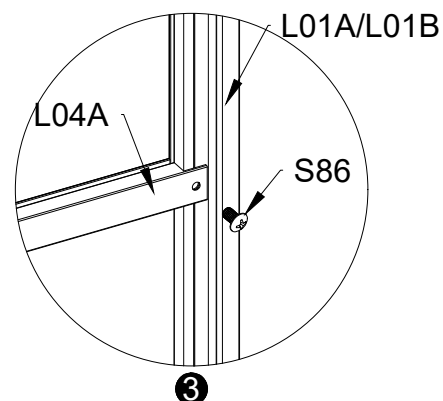
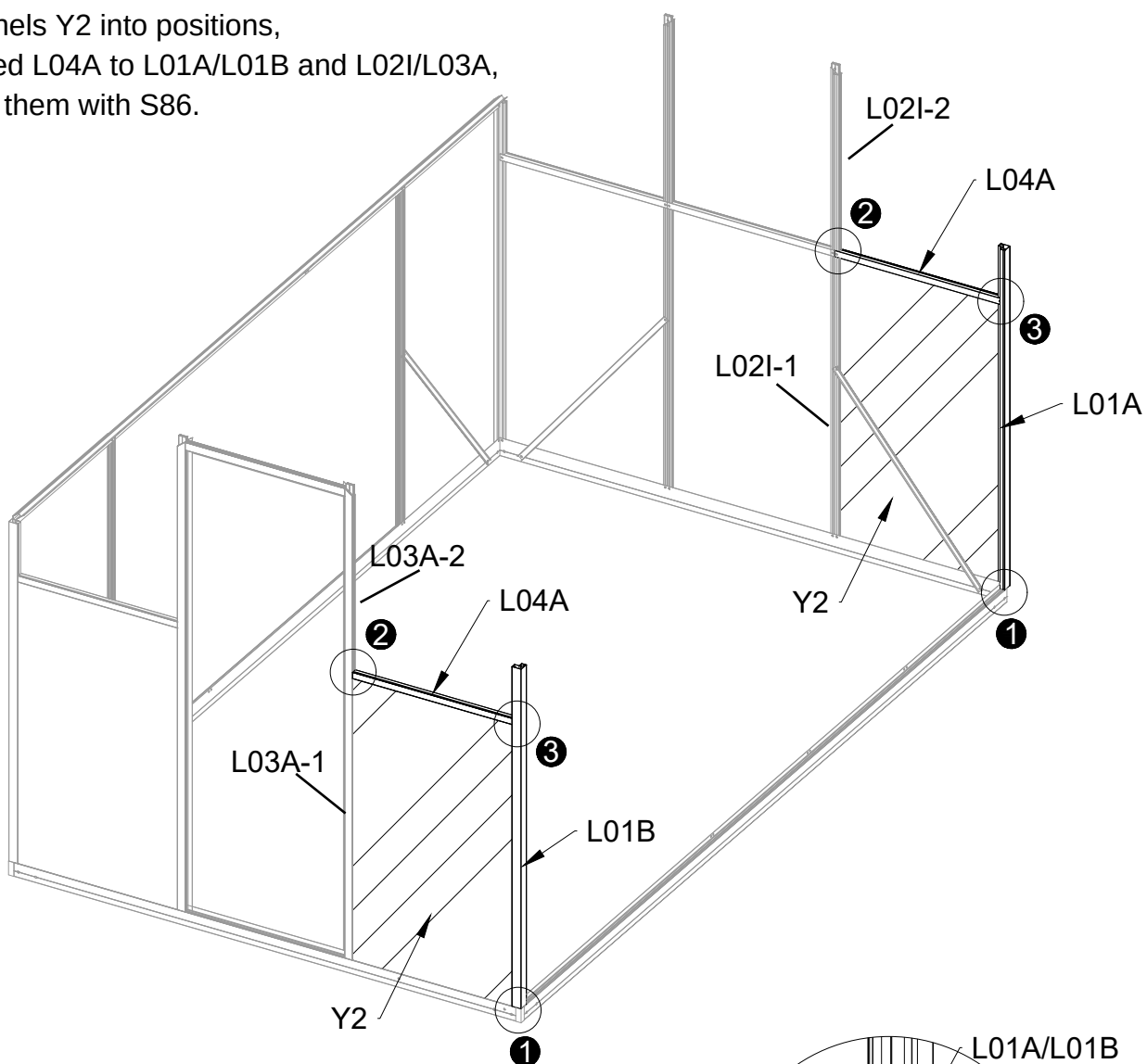
Attach L05A to L08A/L08B and L03A/L02I, secure them with S86 and S87 & M02.



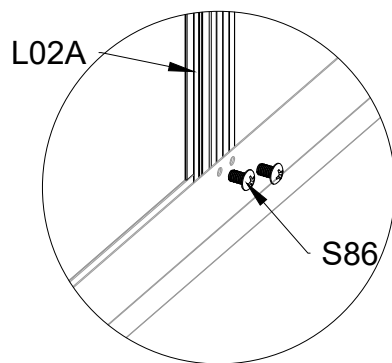
PART	NO	QTY
	L01A	1
	L01B	1
	L04A	2
	Y2	2
	S86 M4X10	8



1. Put panels Y2 into positions,
2. Attached L04A to L01A/L01B and L02I/L03A, secure them with S86.

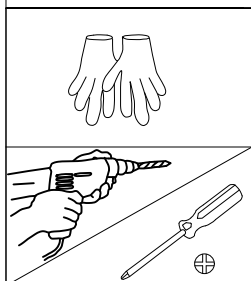
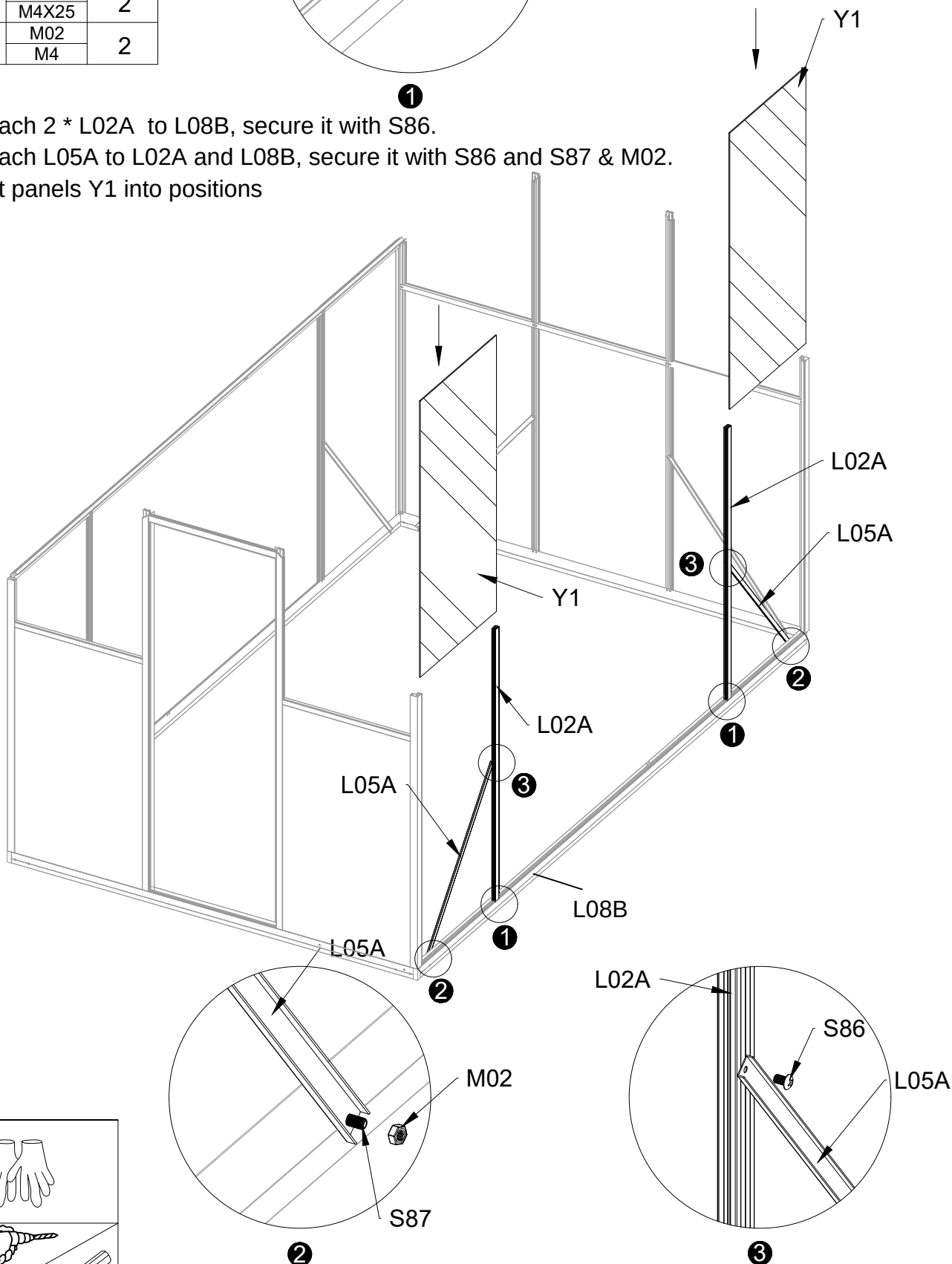


PART	NO	QTY
	L02A	2
	L05A	2
	Y1	2
	S86 M4X10	6
	S87 M4X25	2
	M02 M4	2

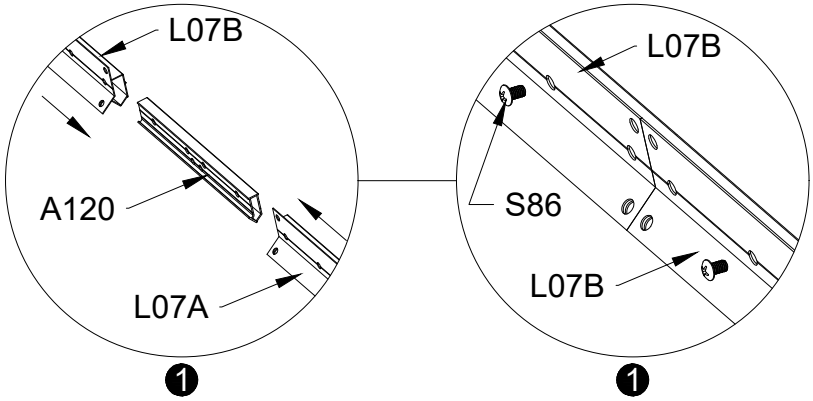


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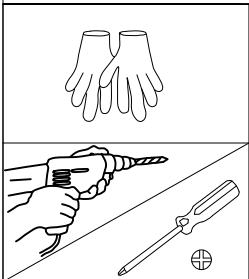
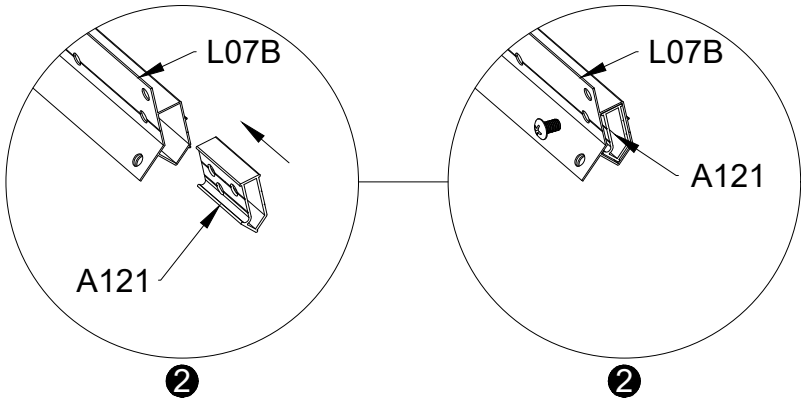
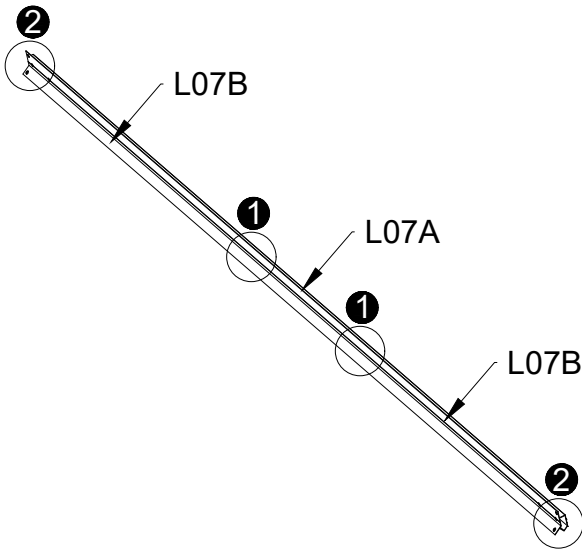
1. Attach 2 * L02A to L08B, secure it with S86.
2. Attach L05A to L02A and L08B, secure it with S86 and S87 & M02.
3. Put panels Y1 into positions



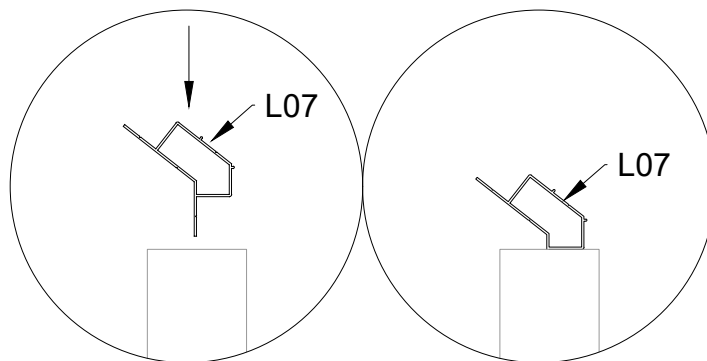
PART	NO	QTY
	L07A	1
	L07B	2
	A120	2
	A121	2
	S86 M4X10	6



Use A120 to connect L07A with the two L07B pieces and secure them with S86 bolts. Insert A121 into both ends of the connected L07B and secure them with S86 bolts.

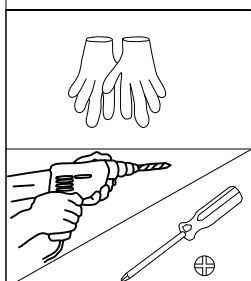
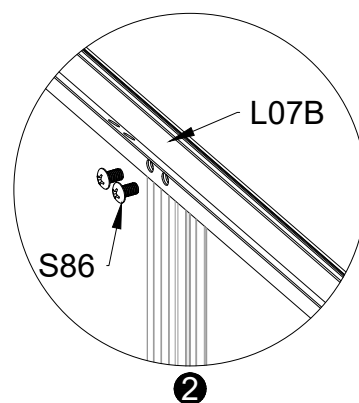
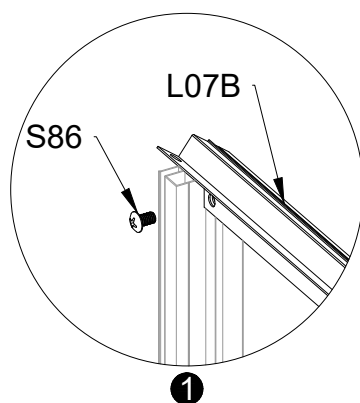
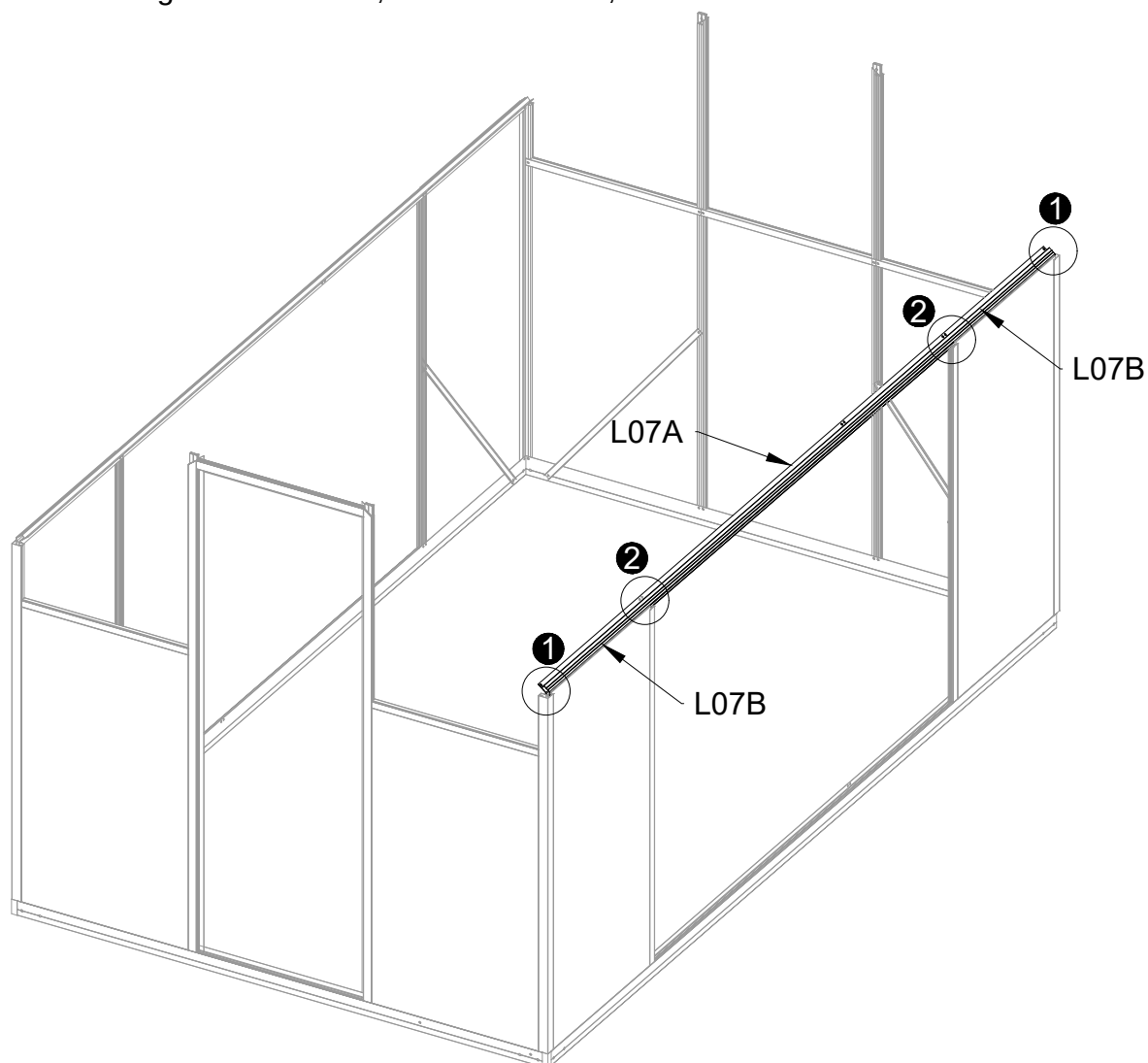


PART	NO	QTY
	S86	6
	M4X10	



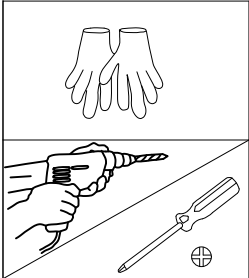
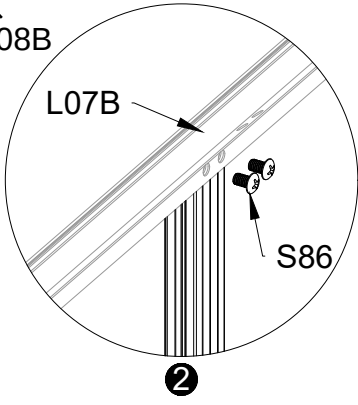
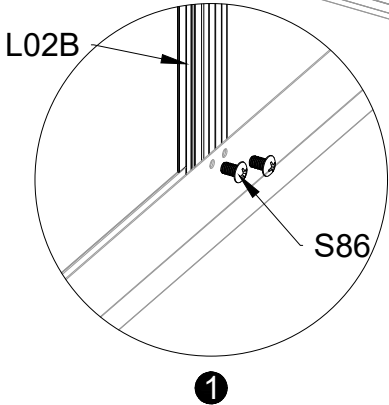
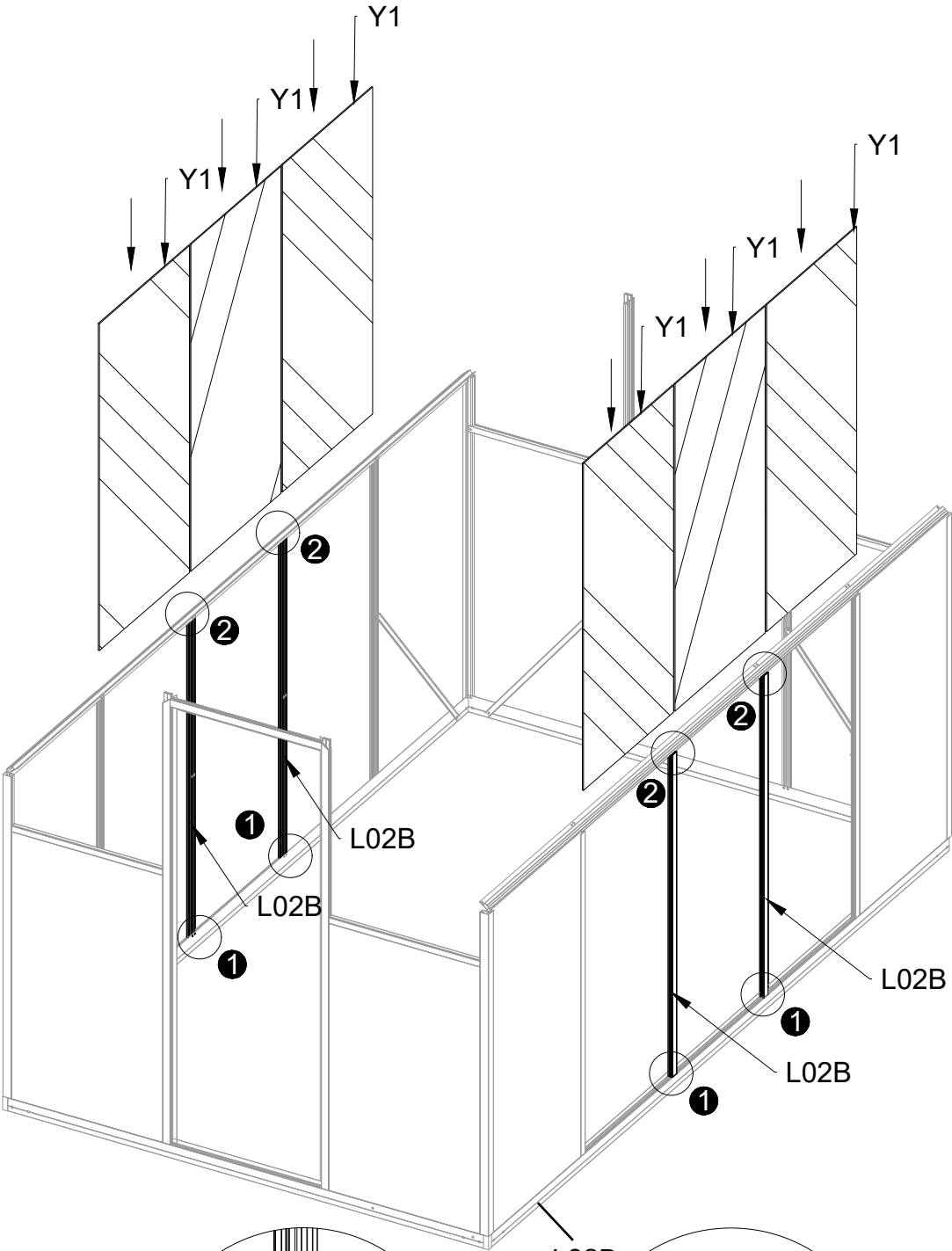
Attention:

Ensure the L07B pieces are placed in the correct direction when attaching them to L01A , L01B and L02A, then secure with screws.



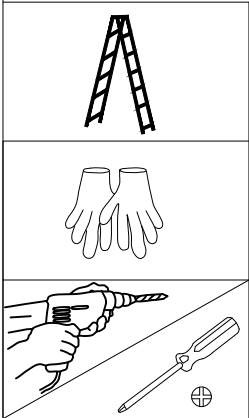
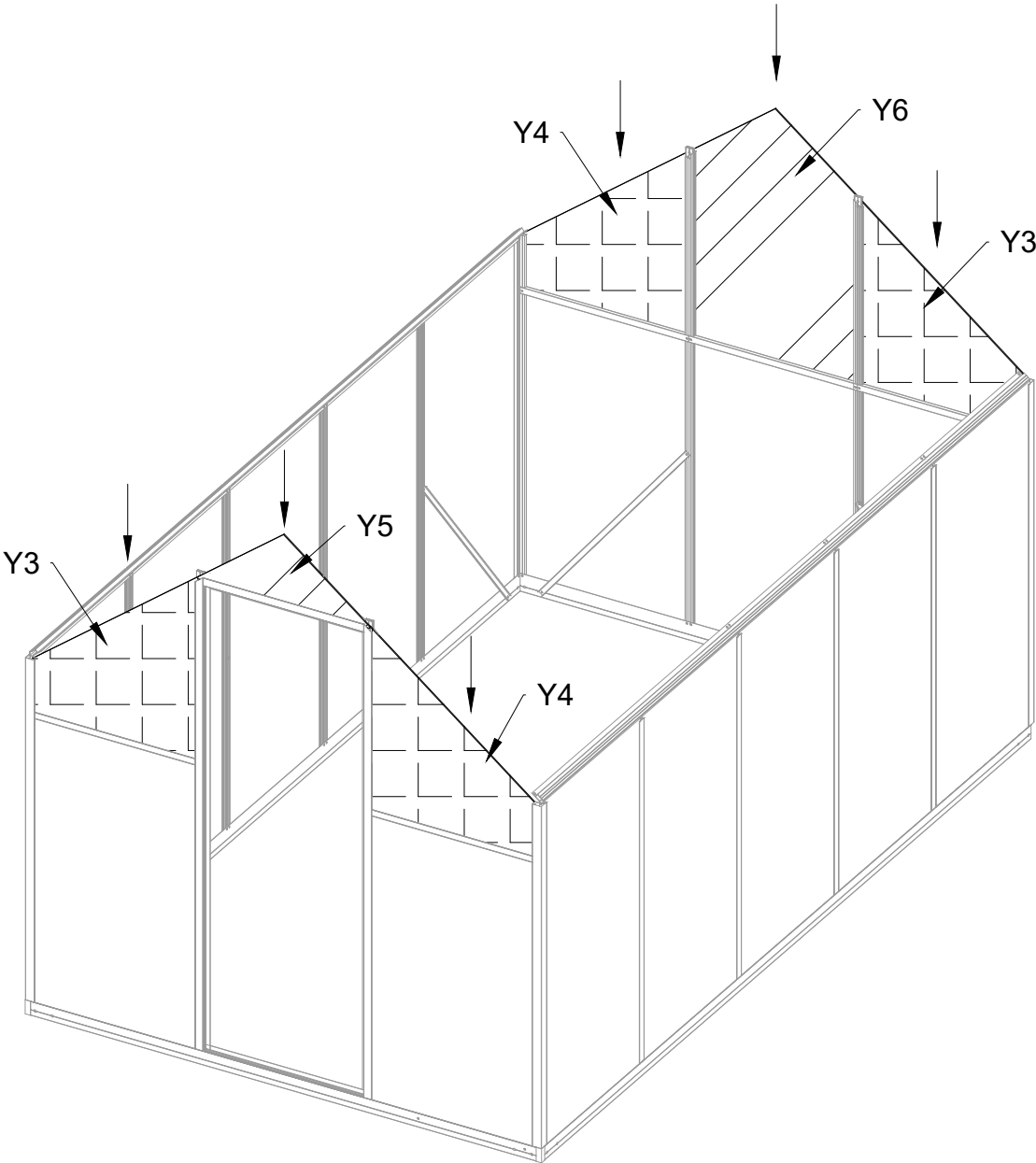
PART	NO	QTY
	L02B	4
	Y1	6
	S86 M4X10	16

Attached L02B onto L08A/B and L07A/B, secure it using S86.
Then put panels Y1 into positions as shown

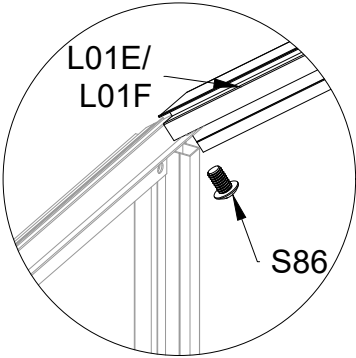


PART	NO	QTY
	Y3	2
	Y4	2
	Y5	1
	Y6	1

Put panels Y3, Y4,Y5 and Y6 into positions as shown below.

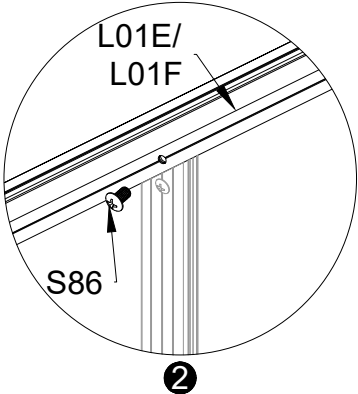
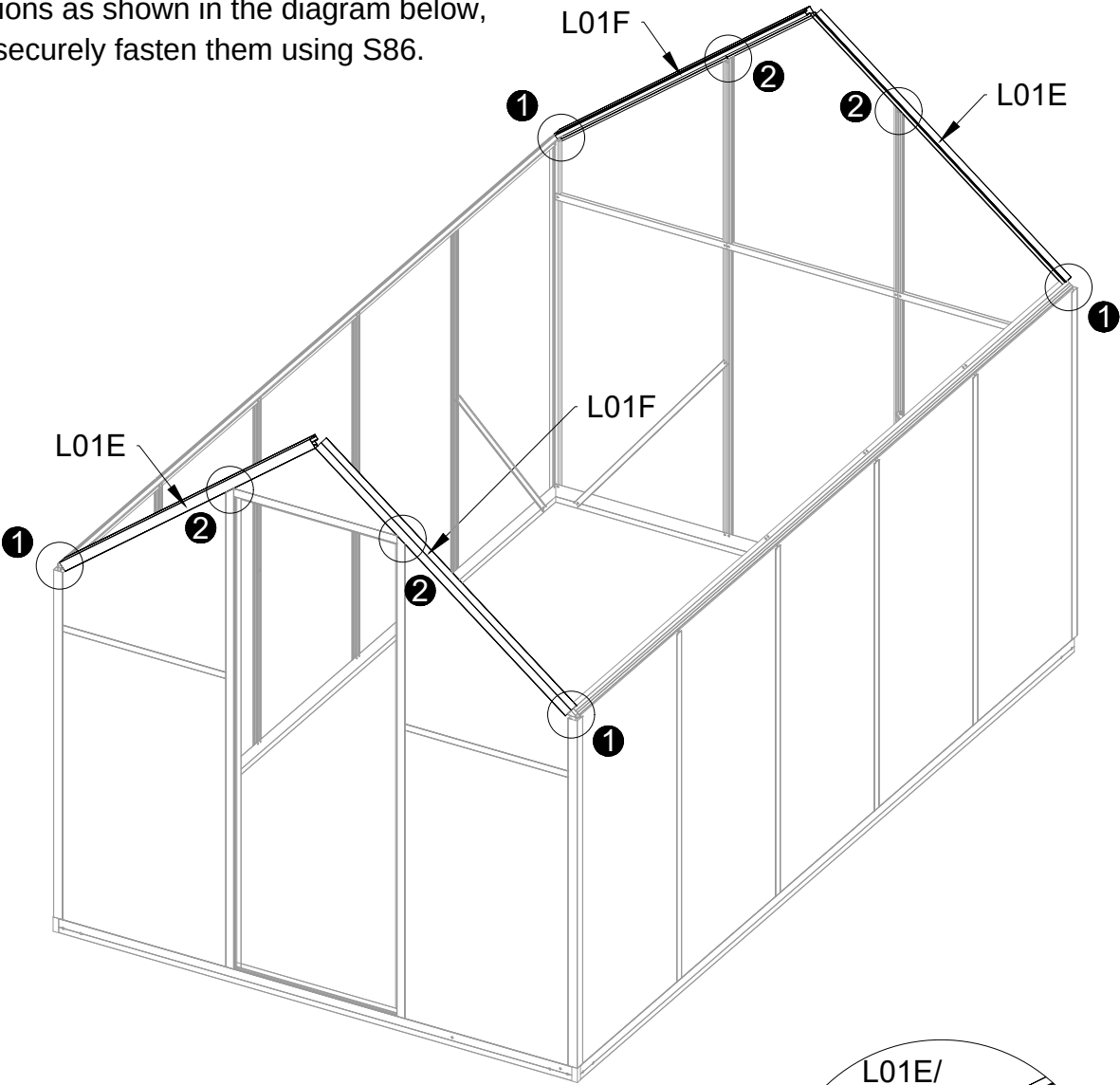


PART	NO	QTY
	L01E	2
	L01F	2
	S86 M4X10	8

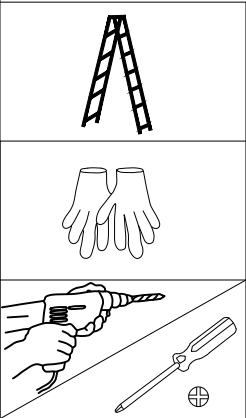


1

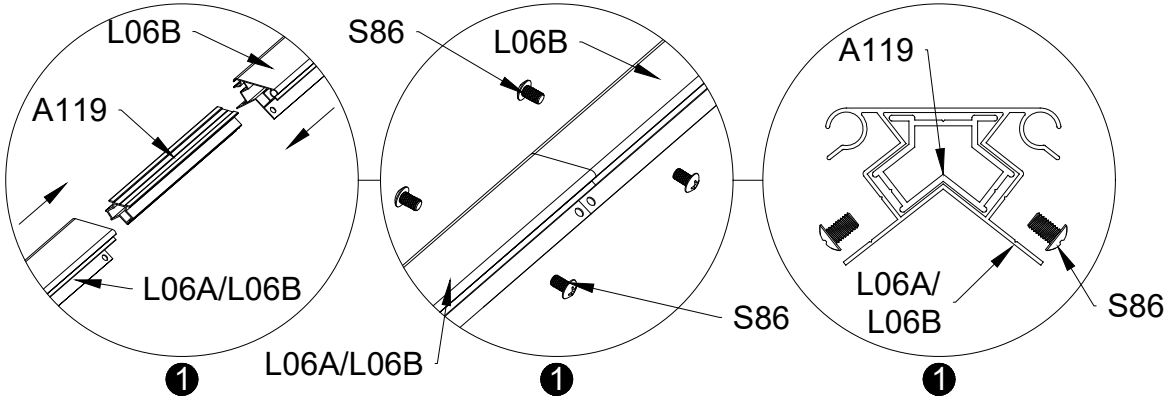
Place L01E and L01F into their designated positions as shown in the diagram below, and securely fasten them using S86.



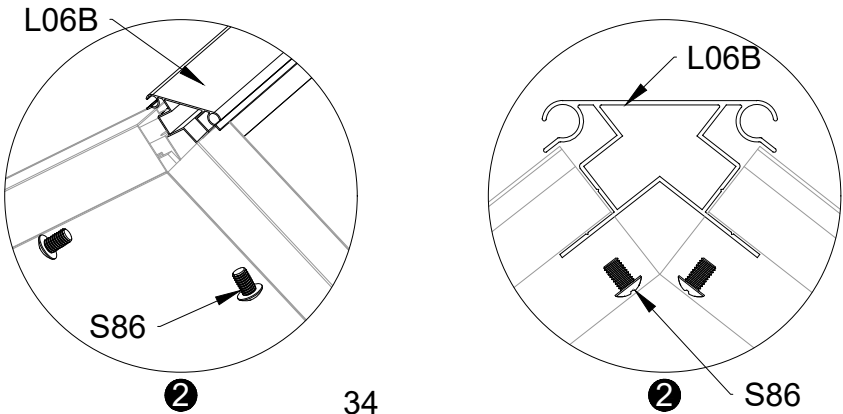
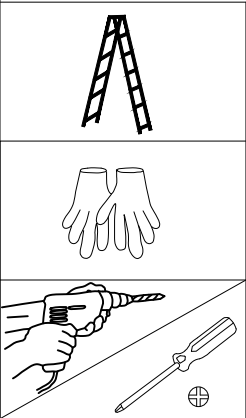
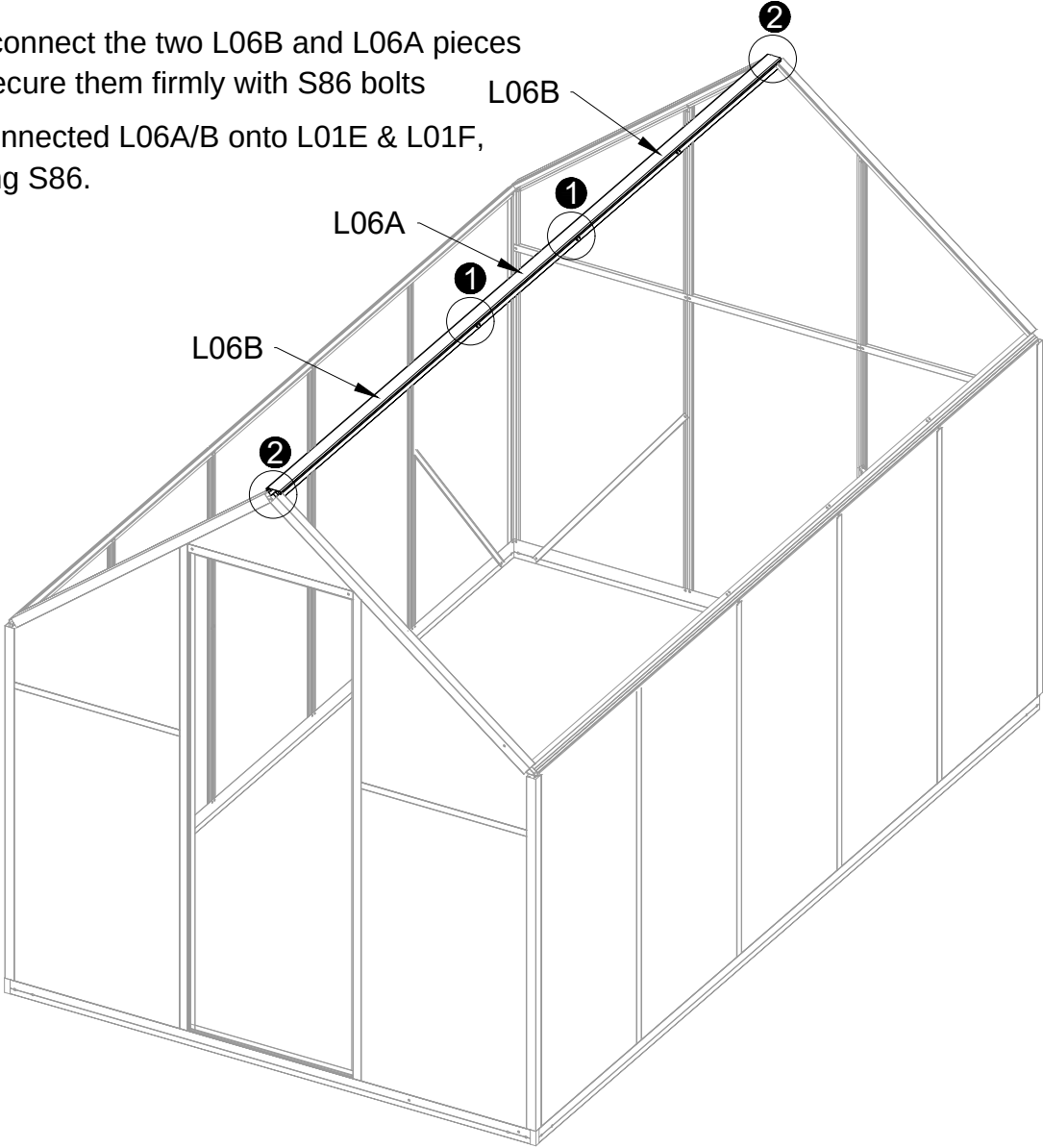
2



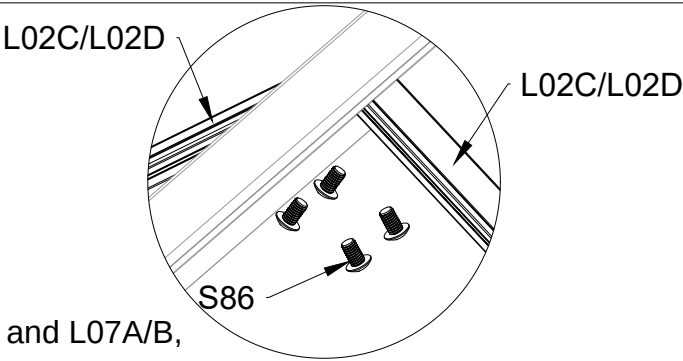
PART	NO	QTY
	L06A	1
	L06B	2
	A119	2
	S86 M4X10	12



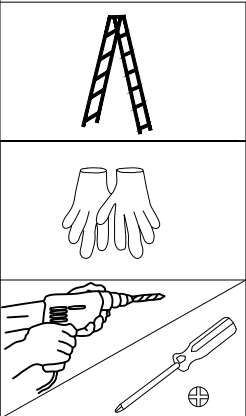
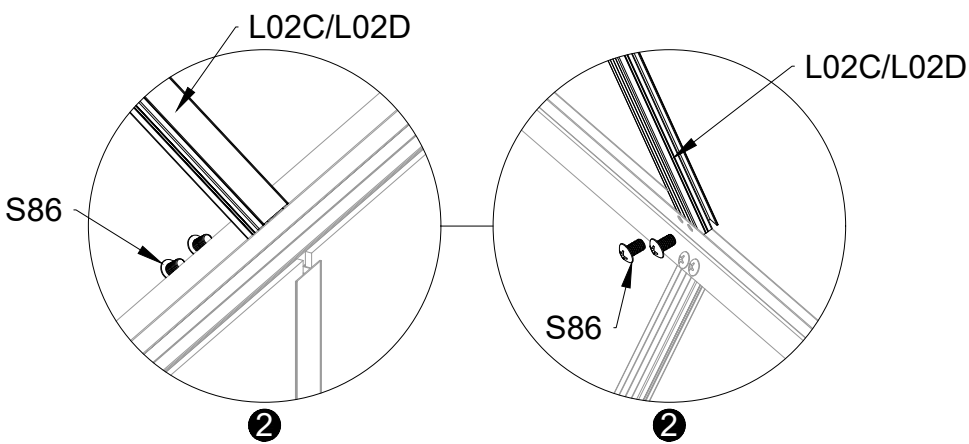
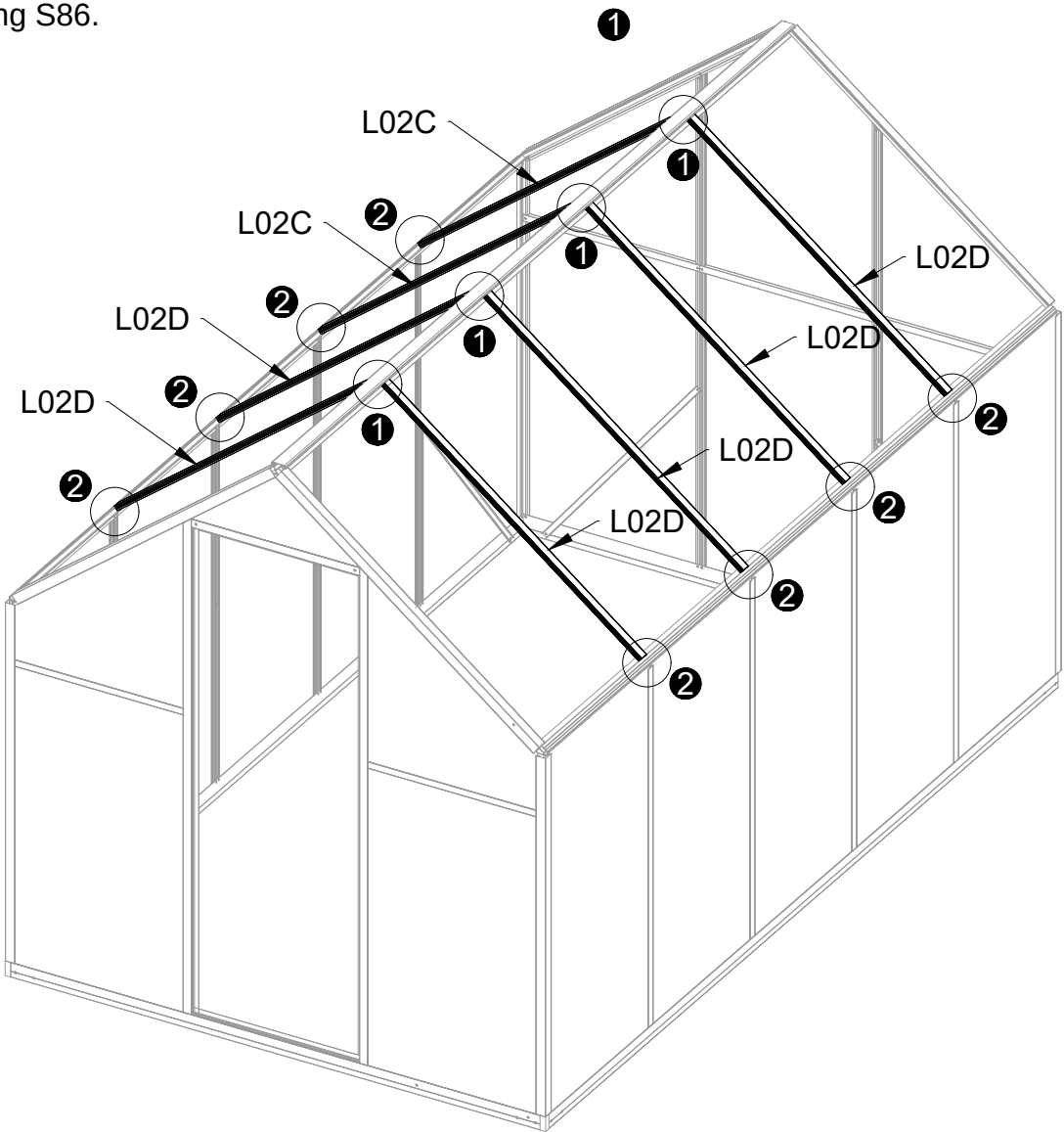
1. Use A119 to connect the two L06B and L06A pieces together, and secure them firmly with S86 bolts
2. Attach the connected L06A/B onto L01E & L01F, secure it using S86.



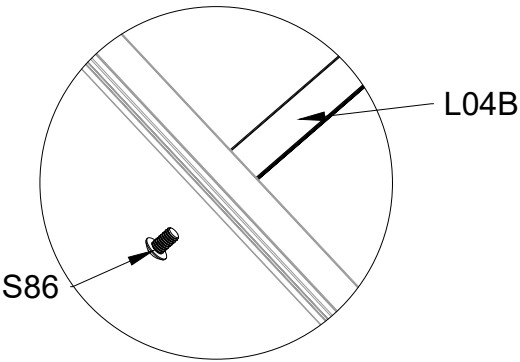
PART	NO	QTY
	L02C	2
	L02D	6
	S86 M4X10	32



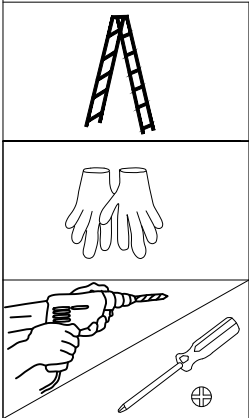
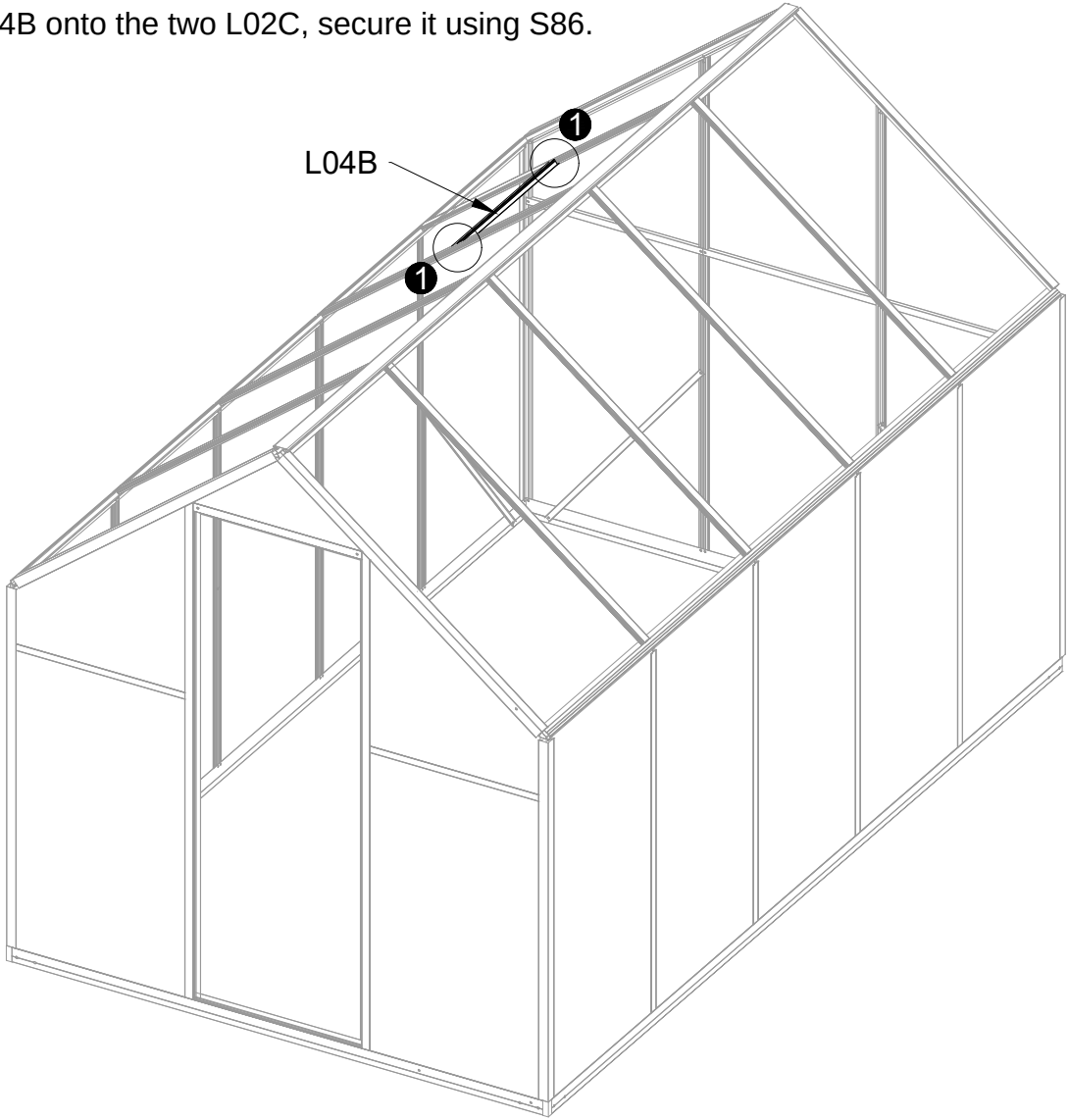
Attach L02C and L02D onto L06A/B and L07A/B, secure them using S86.



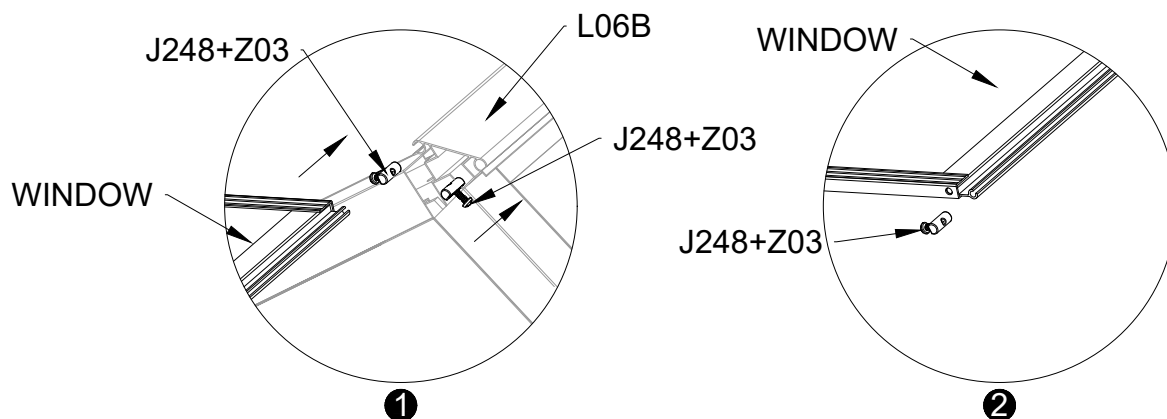
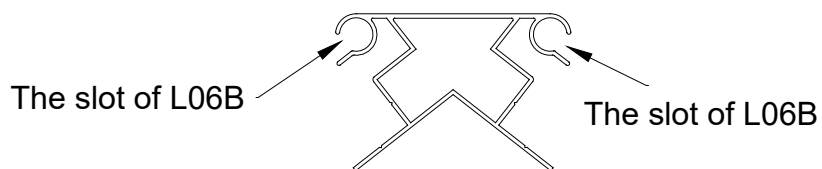
PART	NO	QTY
	L04B	1
	S86 M4X10	2



Attach L04B onto the two L02C, secure it using S86.

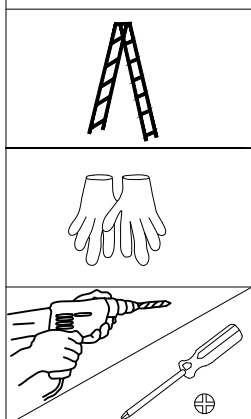
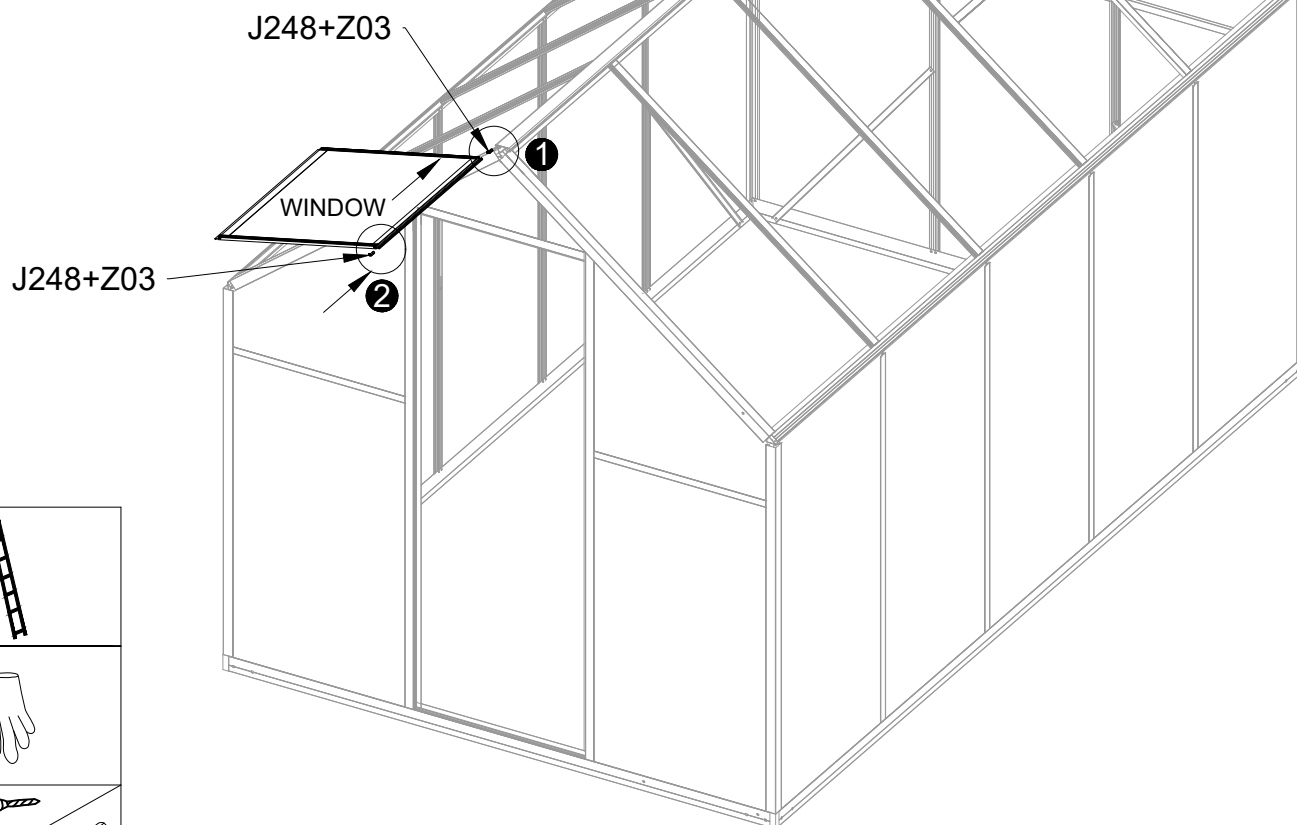
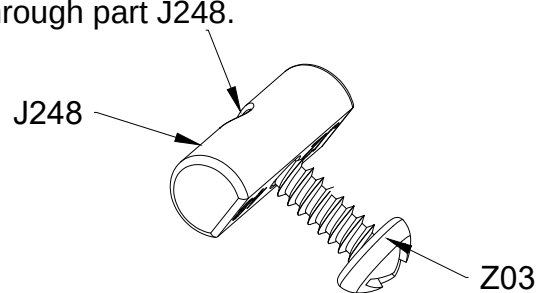


PART	NO	QTY
	J248	2
	Z03	2

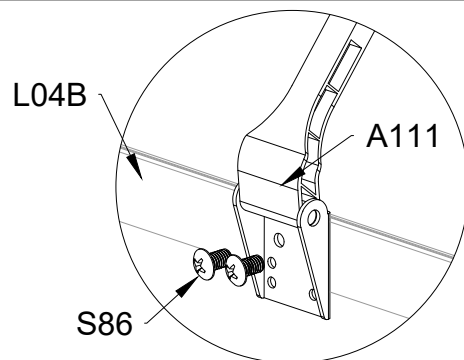


Slide two pre-assembled J248+Z03 units, along with the window, into the slot of L06B. Position one unit at the front of the window and the other at the rear.

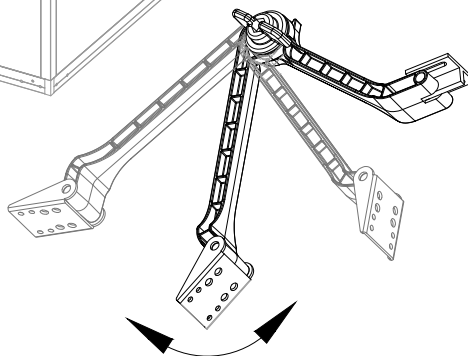
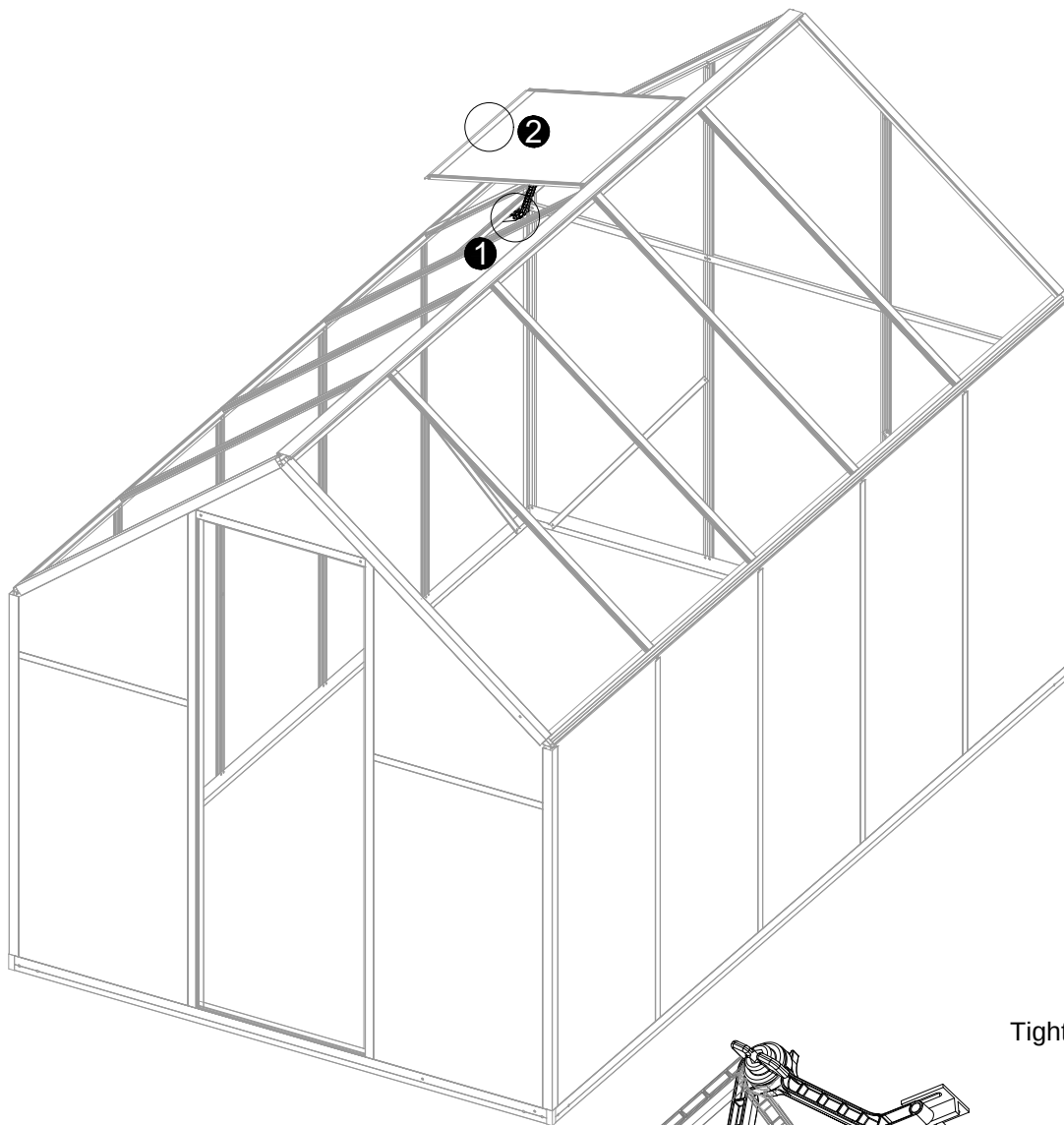
The screw Z03 must not pass through part J248.



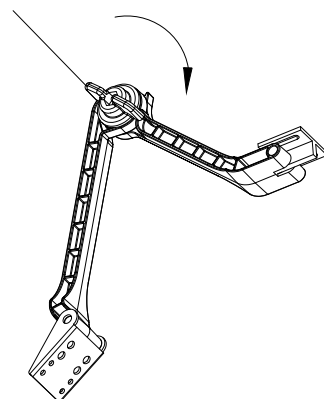
PART	NO	QTY
	S86	2
	M4X10	



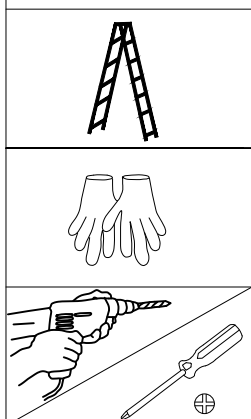
Fix the opener onto L04B using S86.



Tighten to secure

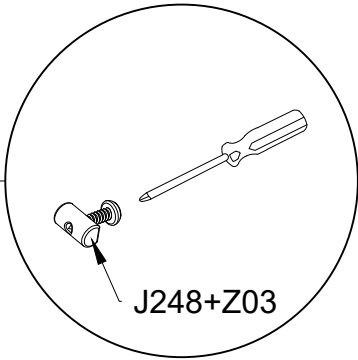
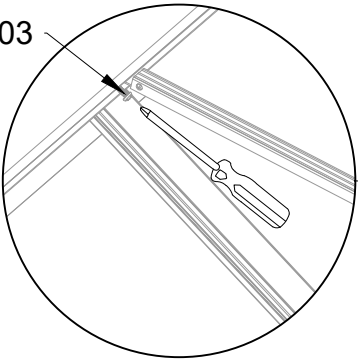


Adjust the angle as necessary to set the desired window opening distance. Once in the correct position, tighten to secure.



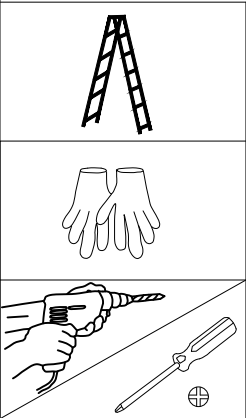
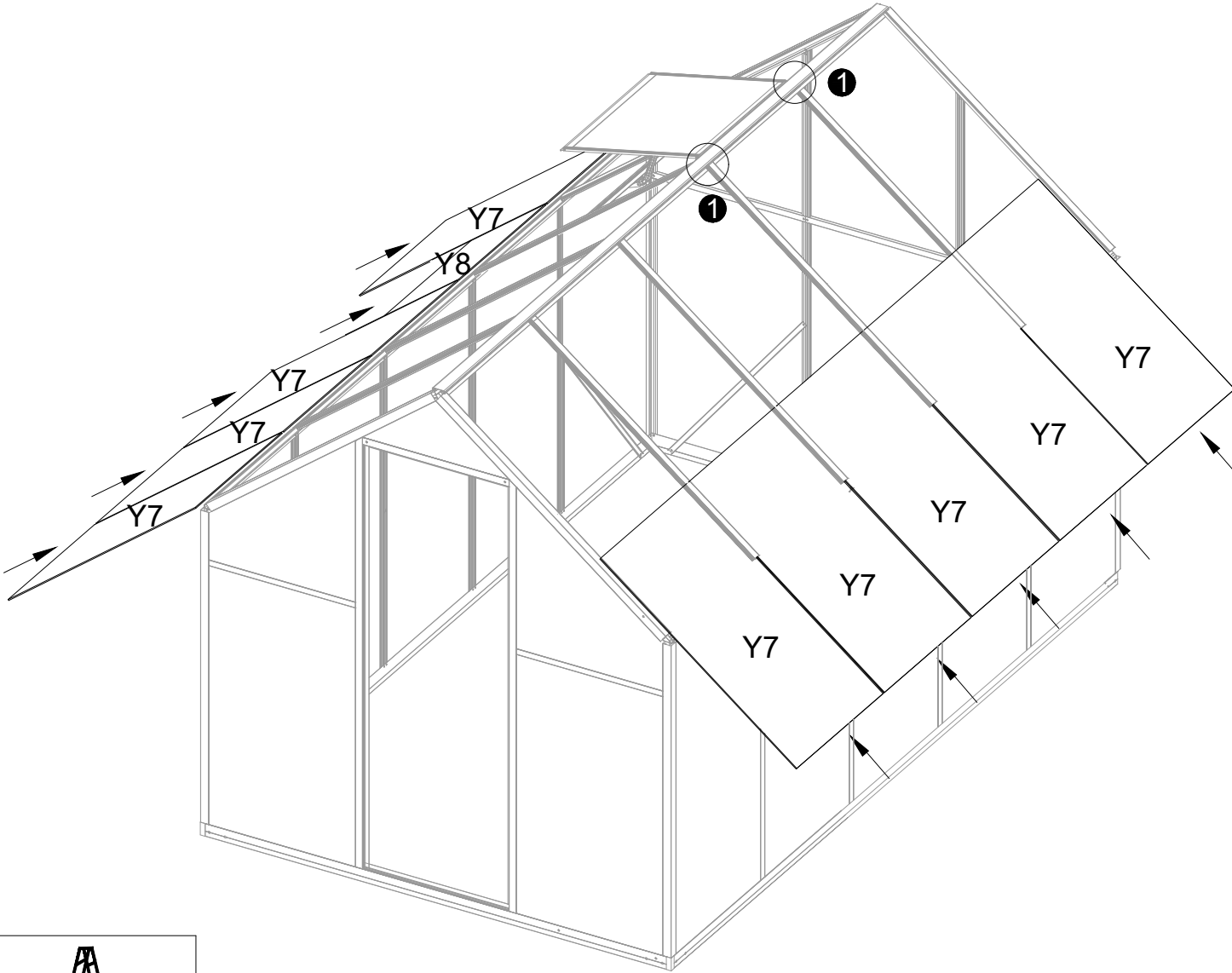
PART	NO	QTY
	Y7	9
	Y8	1

J248+Z03



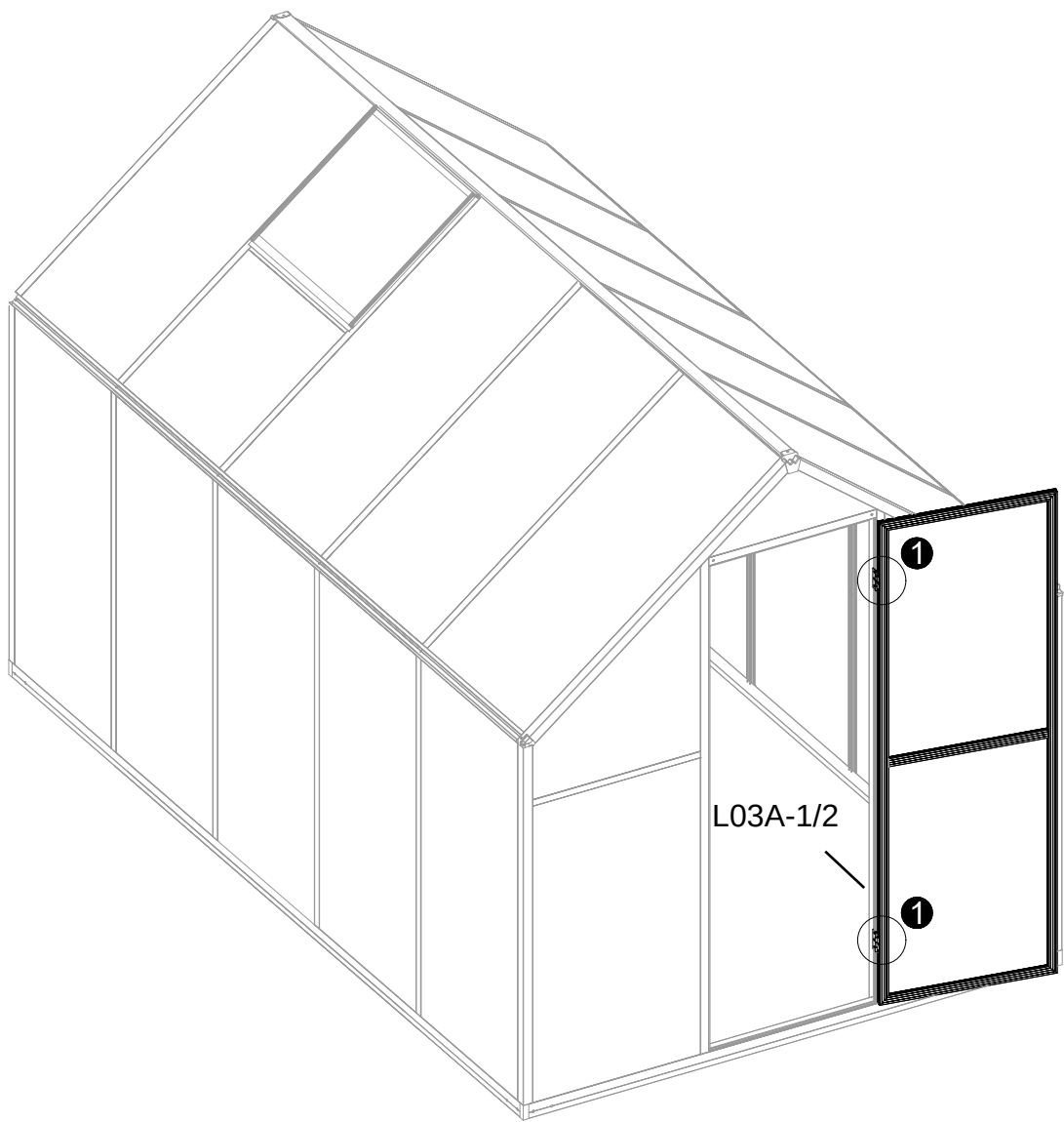
J248+Z03

Once the window is correctly positioned, tighten the Z03 component through part J248.

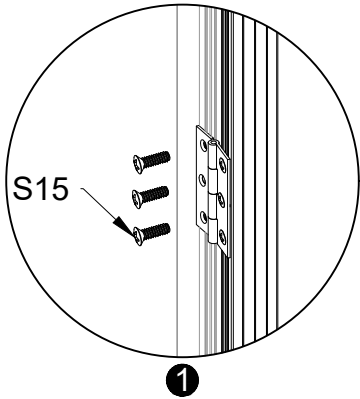
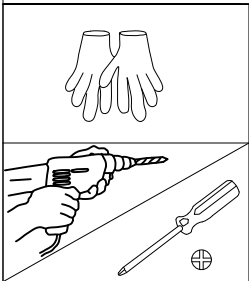


Put the panels Y7 and Y8 into positions as shown above.

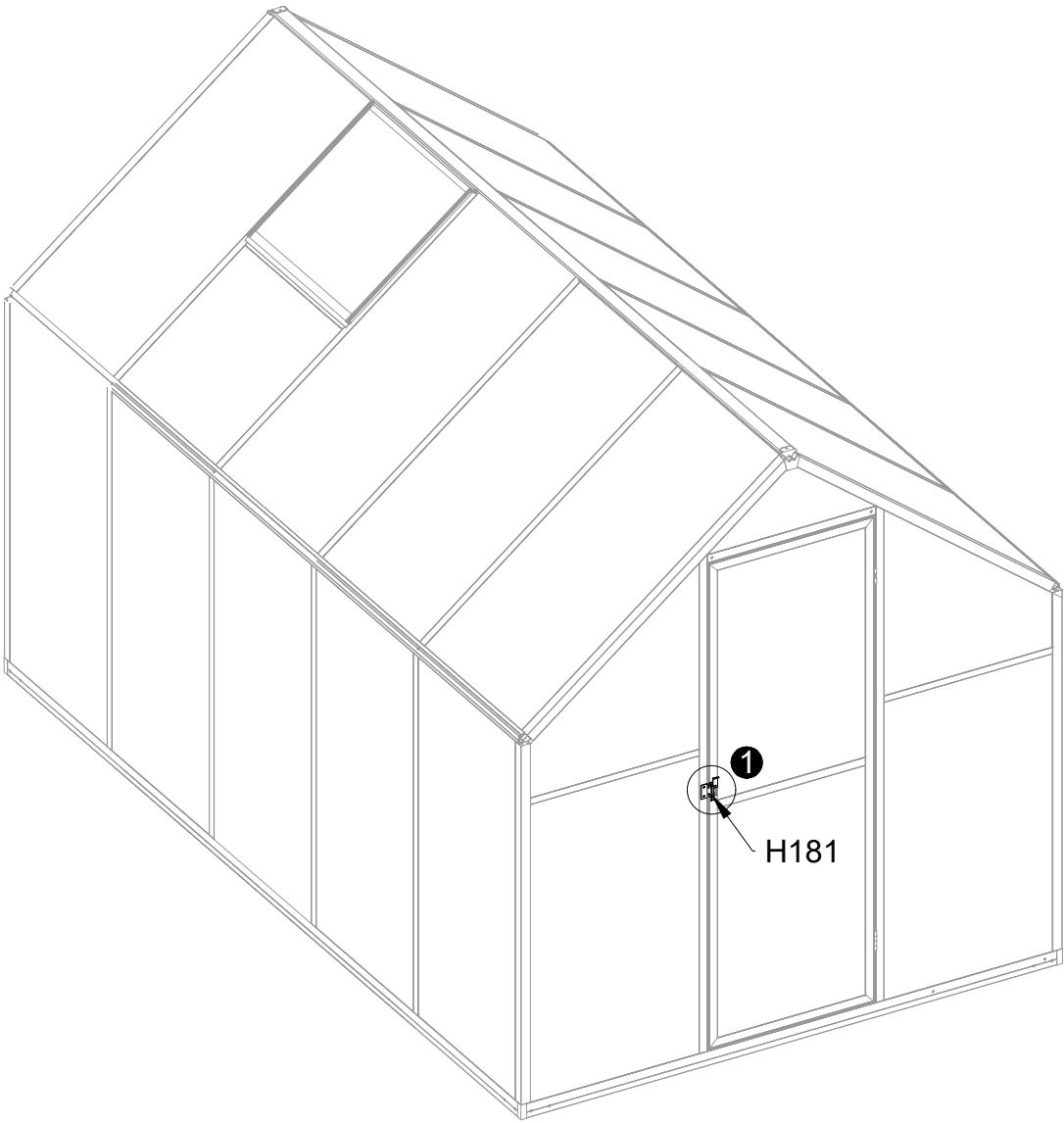
PART	NO	QTY
	S15	6
	M4X10	



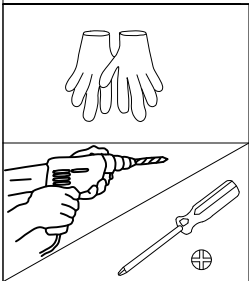
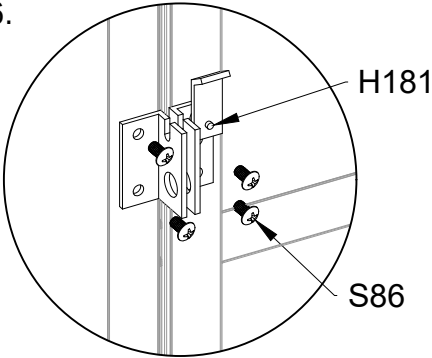
Fix the door onto L03A-1/2, using S15.



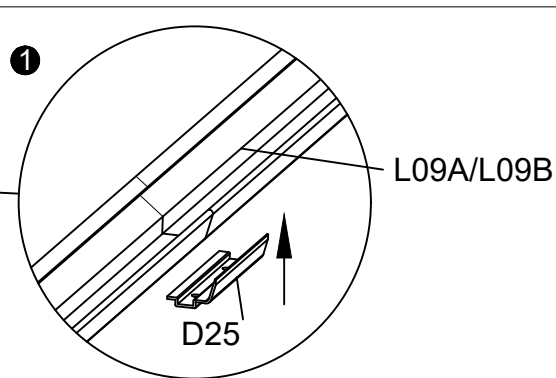
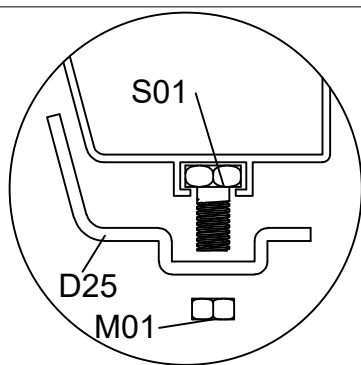
PART	NO	QTY
	H181	1
	S86 M4X10	4



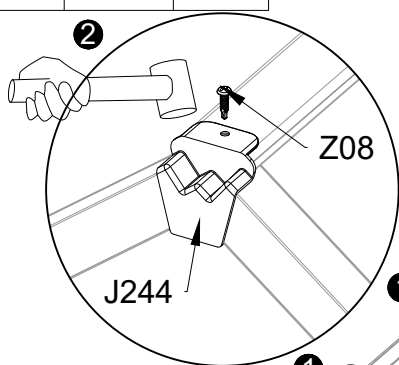
Fix part H181 onto L03E-1/2 and L02P1/2, using S86.



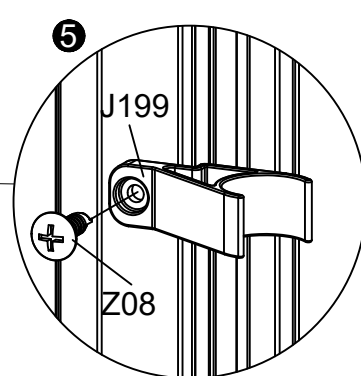
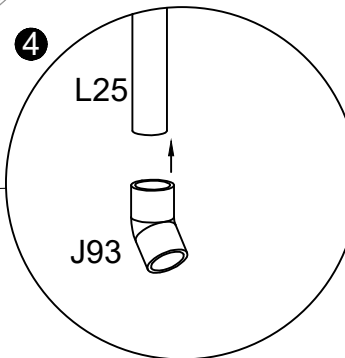
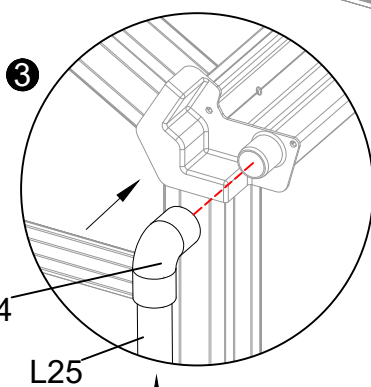
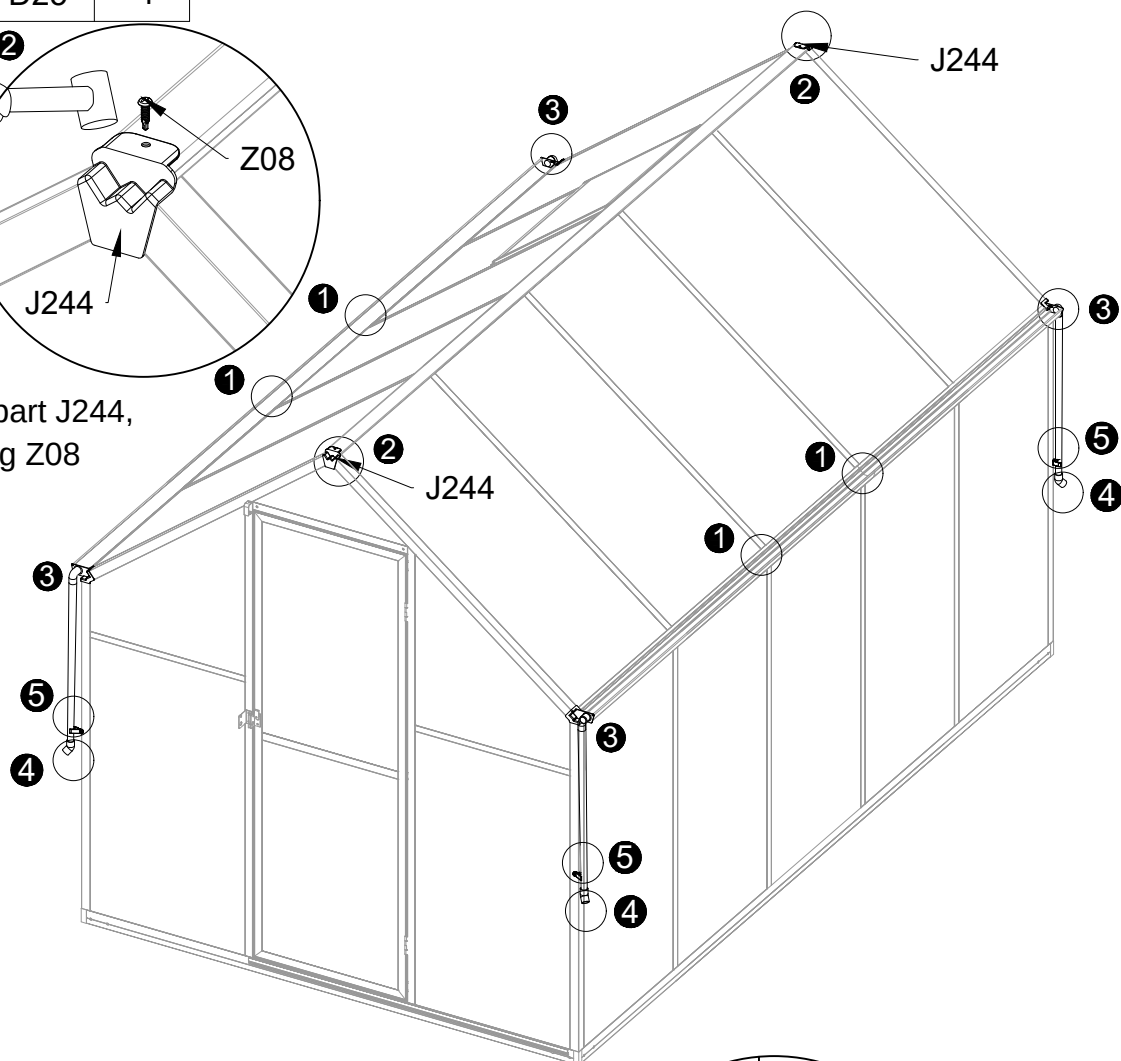
PART	NO	QTY
	L25A	4
	J93	4
	J94	4
	J199	4
	Z08 Ø4.2X16	4
	M01 M6	8
	D25	4



Secure part D25 onto L09A/B using the preloaded S01 screws and M01.



Fix part J244,
using Z08



1. On the end faces of L01A/L01B, use Z08 to firmly secure J199 in place.
2. Insert L25 into the slot of J199 and secure it by tightening the connection.

