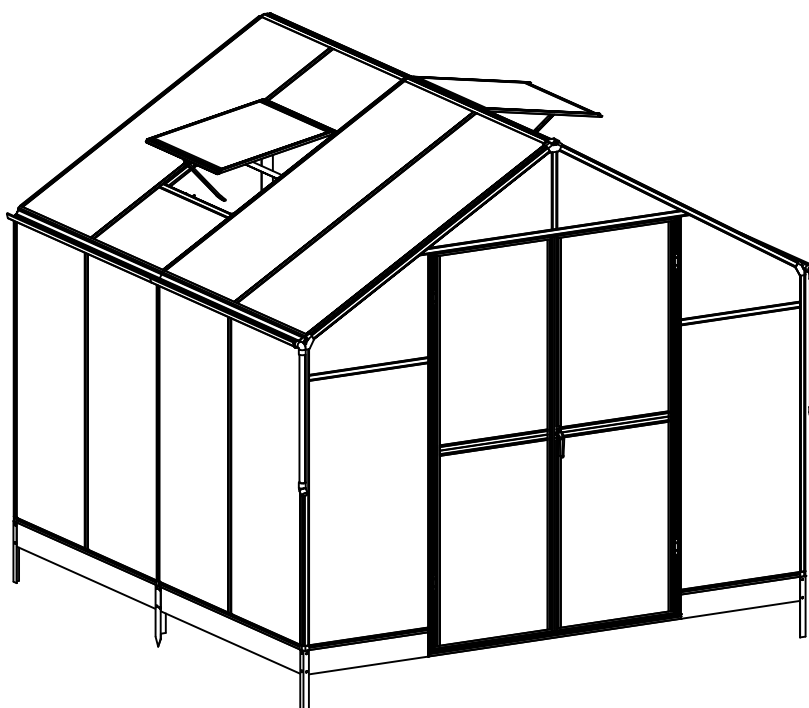


9' X 9' GREENHOUSE, 8' HEIGHT, ALPINE SERIES



⚠ WARNING



- Please read and understand the product manual completely before assembly
- Check against the parts list to make sure all parts are received
- Wear proper safety goggles or other protective gears while in assembly
- Do not return the product to dealer. They are not equipped to handle your requests.

Missing parts or have questions on assembly?

Please call: 1-877-761-2819 or email: cs@tmgindustrial.com

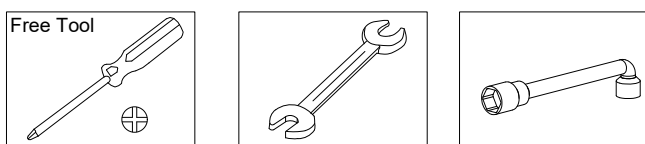
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1. Assembly Advice	Page 1
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4. Door Assembly	Page 7-10
5. Roof Vent Assembly	Page 11-13
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8. Framework & Glazing Assembly	Page 17-33

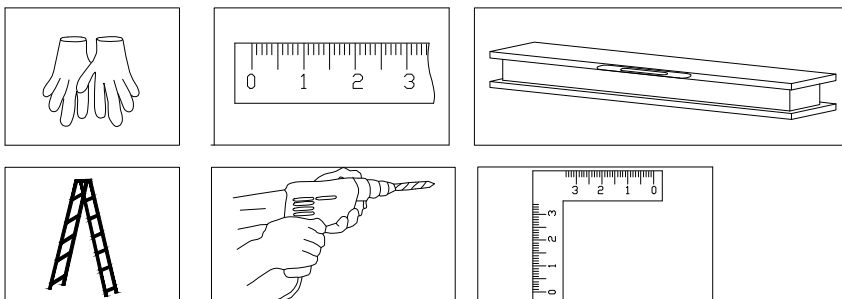
Assembly and Maintenance Advice

1. For safety purposes, we strongly recommend that this product is assembled by at least two people.
2. Some components have sharp metal edges. Please be careful when handling metal components. Please wear gloves, shoes and safety goggles during assembly.
3. Lay all of the components on a soft carpet or blanket to avoid any scratches or damages.
4. DO NOT climb or stand on the roof. Heavy articles should not be leaned against the greenhouse.
5. Keep the roof and gutter clear of snow, dirt & leaves. Allowing snow to build up on the roof may damage the product.
6. Unlike steel, if the paint finish is scratched this will not harm the aluminium underneath.
7. When your product needs cleaning, use a mild detergent solution and rinse with cold clean water. Do not use acetone, abrasive cleaners or strong detergents to clean the panels.

Tools Provided:



Tools Required when Assembly (Not Provided)



Assembly at least by two Persons

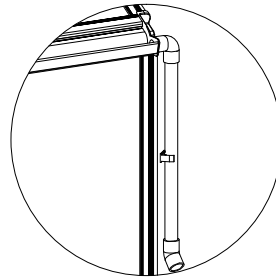


Important:

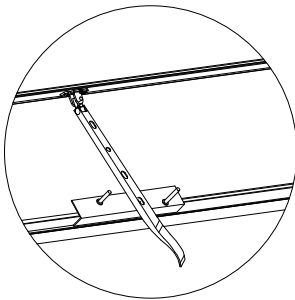
Rubber is not provided if you choose polycarbonate sheet as glazing panel.

Functions and Features:

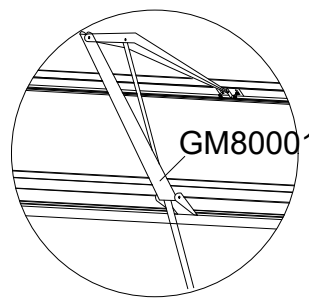
1. The strong two part eaves beam includes an integral gutter. Downpipes are also included as standard so you can collect rainwater.



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



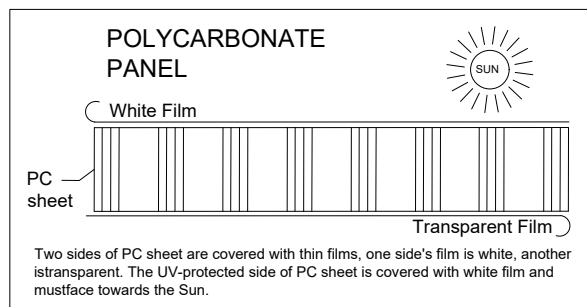
Manual Opener



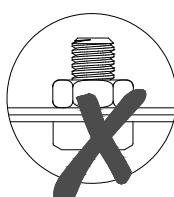
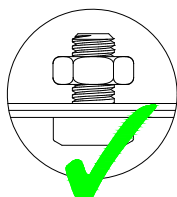
Automatic Opener

GM80001 is sold separately

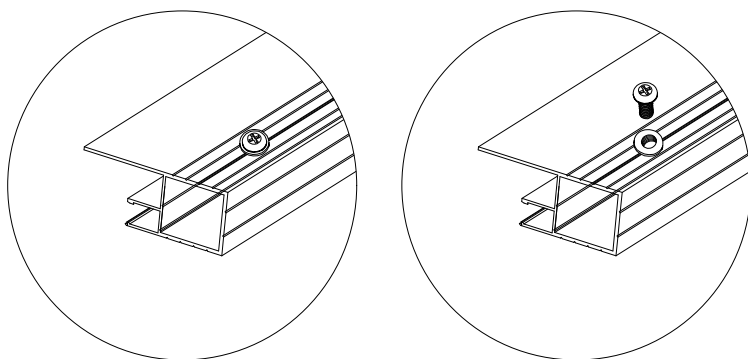
3. Remove approximately 2 inches of film from all sheet edges before installing and remove all film immediately after the construction is completed. Please ensure that the side with the white film faces outwards.



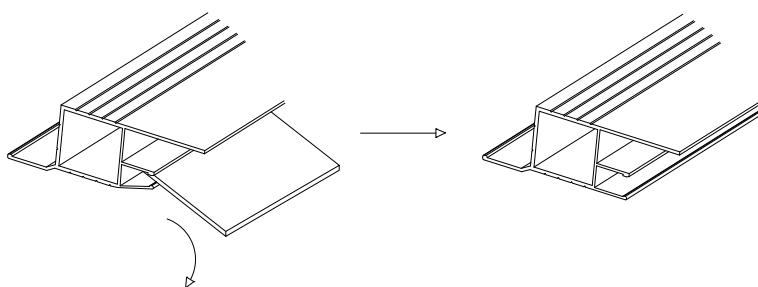
4. This quality greenhouse features self-tapping screws to provide strong joints. As the name suggests, the screws tap their own thread. Driving in self-tapping screws requires more force than conventional screws. A powered screwdriver is therefore recommended.
5. Nuts not to be tightened before the end of assembly! Unless otherwise stated, do not tighten the bolts/nuts/screws until the shed is finally erected!



6. S26 and S27 are mostly installed on the profiles. Please remove S26 and S27 before installation.



7. 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).

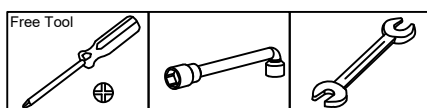


	PART	NO	QTY
1	 1524mm	L01D	2
		L01E	2
2	 1475mm	L02A	2
			2
3	 1524mm	L02B	2
			2
4	 1846mm	L02G	1
5	 1966mm	L03A	1
		L03B	1
6	 1846mm	L03C	1
7	 1544mm	L13A	1
8	 1846mm	L10A	1
9	 1545mm	L13A	1
8	 1475mm	L10A	2
9	 1524mm	L10B	2

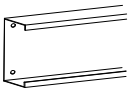
door

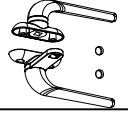
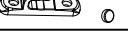
	PART	NO	QTY
10	 649mm	L15A	4
11	 1950mm	L16A	2
12	 586mm	L17	2
13	 1950mm	L18A	1
		L18B	1

Tools Provided:

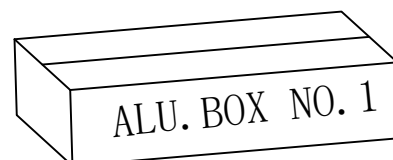


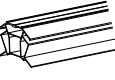
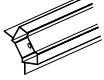
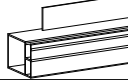
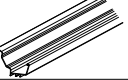
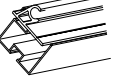
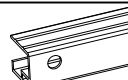
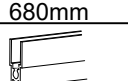
PART	NO	QTY
	S05 M6X12	36
	S105 M5X10	122
	S26 M5X12	58
	S28 M4X10	4
	S69 M6X60	16
	M03 M6	36
	M02 M4	4
	M05 M5	130
	Z02 Ø4X16D	22
	Z08 M4.2X16	6
	Z17 M4.8X16	8

PART	NO	QTY
	A1	2
	B1	4
A1:686 B1:1385 D1:1382	D1	2
	D306	4
	D307	3
	D330	2

PART	NO	QTY
	H152	1
	S76 M4X32	2
	D47	1
	H192	1
	H201	2
	A89-1	2
	A89-2	2

PART	NO	QTY
	A03	2
	A51	4
	A79	2
	D05	23
	D25	2
	D26	1
	D114	16
	D329	6
	D341	4
	J93	4
	J94	4
	J166	4
	A95L	2
	J168L	
	A95R	2
	J168R	
	A96	4
	J169	
	A97	6
	J170	
	A98	3
	J171	
	J172R	2
	J172L	2
	J173	2

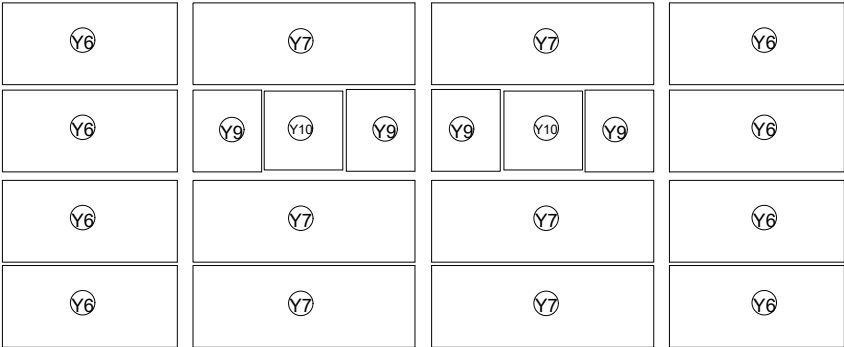
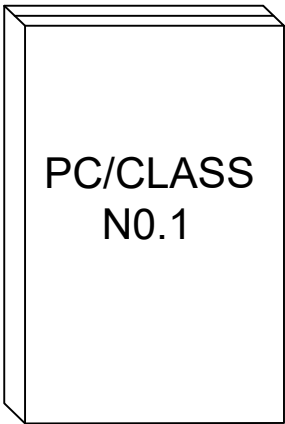
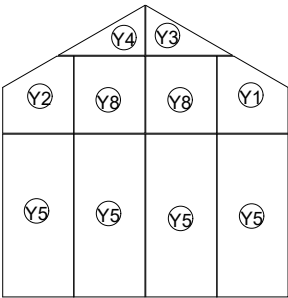


	PART	NO	QTY
1	 1475mm	L01A	1
		L01B	1
2	 1475mm	L01C	2
3	 385mm	L02H	2
4	 657mm	L04B	4
			4
5	 656mm	L05A	4
6	 1343mm	L05B	9
7	 1344mm	L06B	2
8	 1344mm	L07B	4
9	 1344mm	L08B	5
10	 657mm	L08A	2
		L08D	1
		L08E	1
11	 1393mm	L08F	1
12	 1368mm	L09B	4
13	 680mm	L11A	2
14	 648mm	L19	4
15	 680mm	L20	2
16	 680mm	L21	2
17	 650mm	L25	4



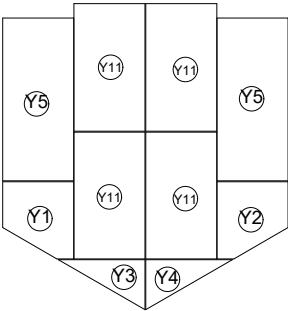
PART	NO	QTY
	Y7	6
	Y9	4
	Y10	2

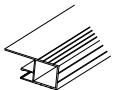
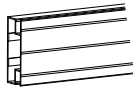
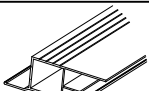
PART	NO	QTY
	Y1	2
	Y2	2
	Y3	2
	Y4	2
	Y5	6
	Y6	8
	Y8	2
	Y11	4



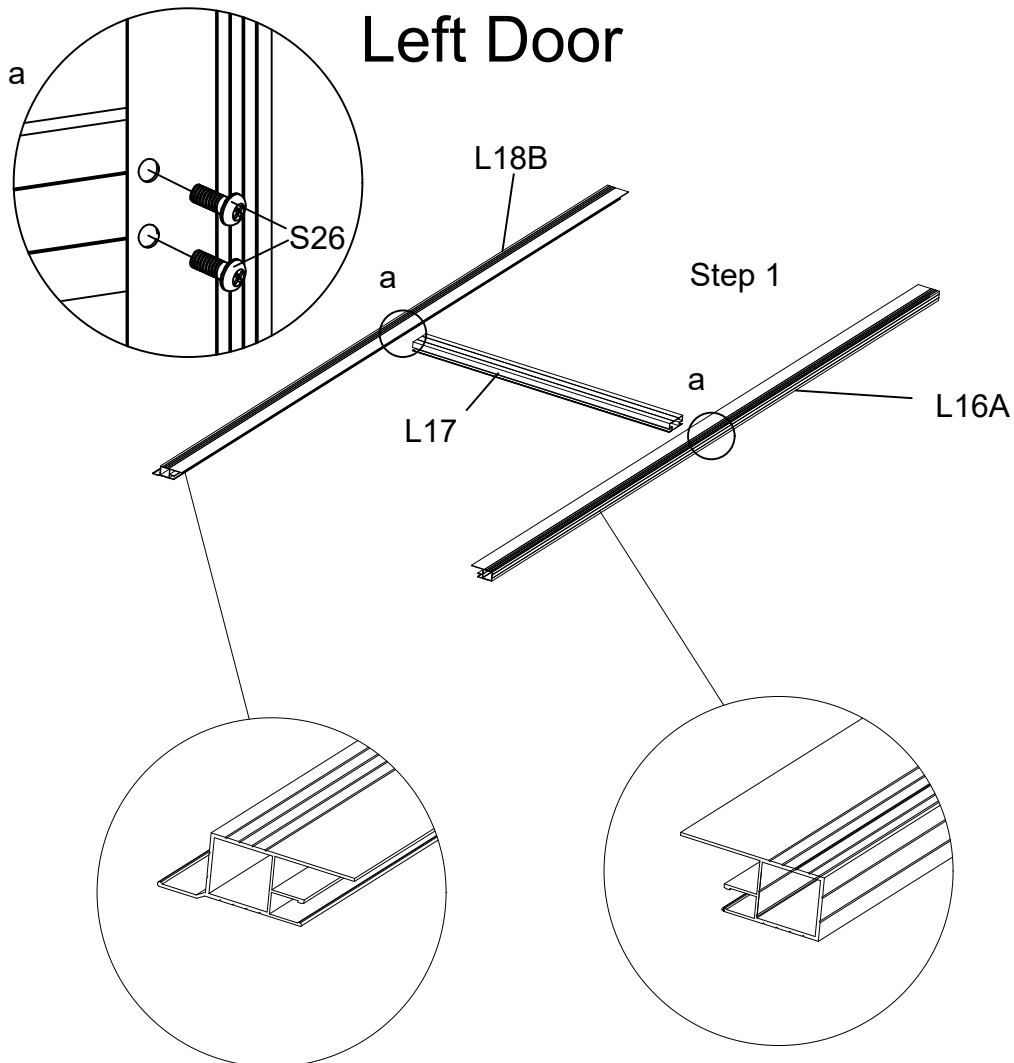
PART	NO	QTY
	J107	93M

Rubber for walls only
(Provided for Glass Panels only)



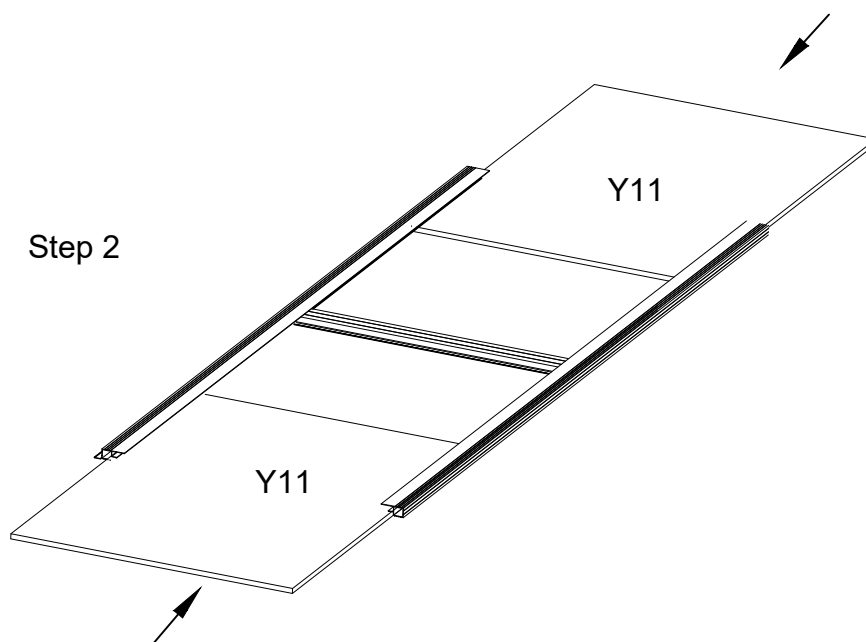
PART	NO	QTY
	L15A	2
	L16A	1
	L17	1
	L18B	1
	S26 M5X12	8
	M05 M5	4
	Y11	2
	H192	1
	H201	2
	A89-2	1
	S84 M4X20	2
	S89 M3X12	2

Left Door

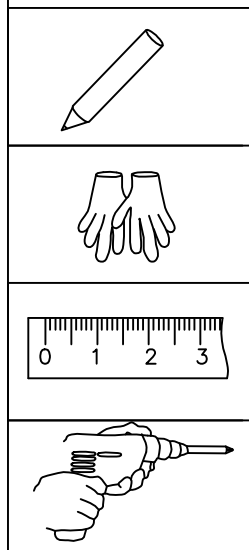


! Attention: Check the direction of the accessories

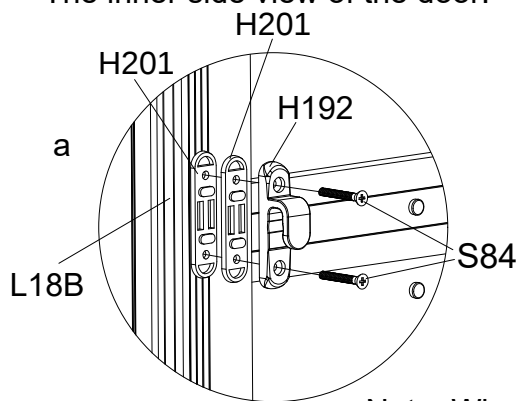
Step 2



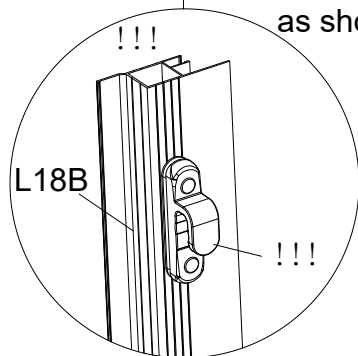
! Attention: Remove the protective films from both sides of each polycarbonate panel, before inserting into aluminum channels. Ensure the milky white film faces towards the Sun.



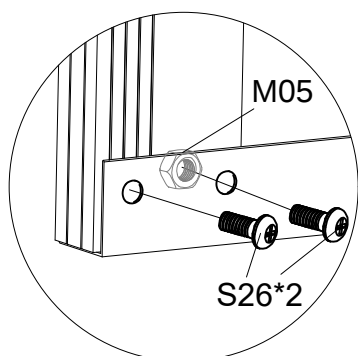
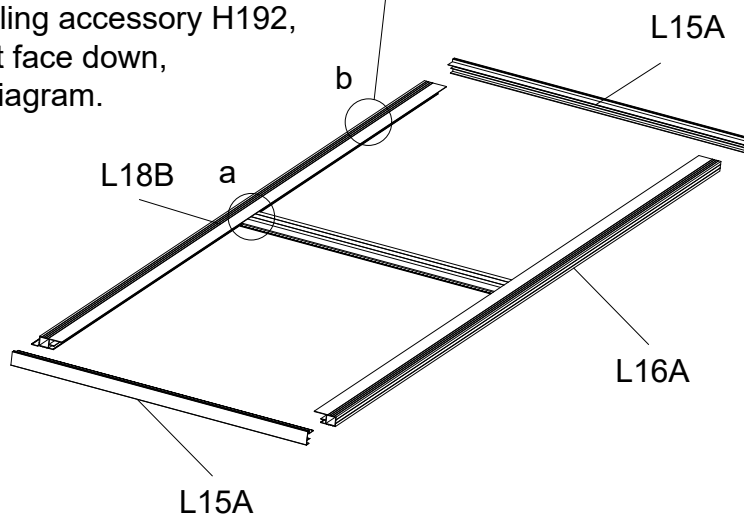
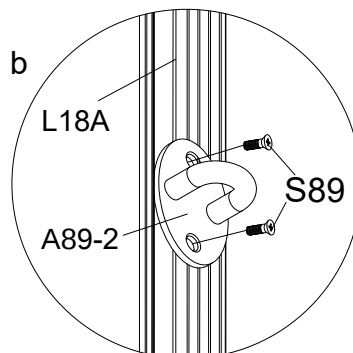
The inner side view of the door.

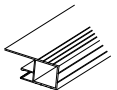
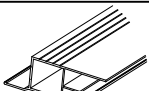
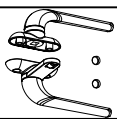


Note: When installing accessory H192, the opening must face down, as shown in the diagram.

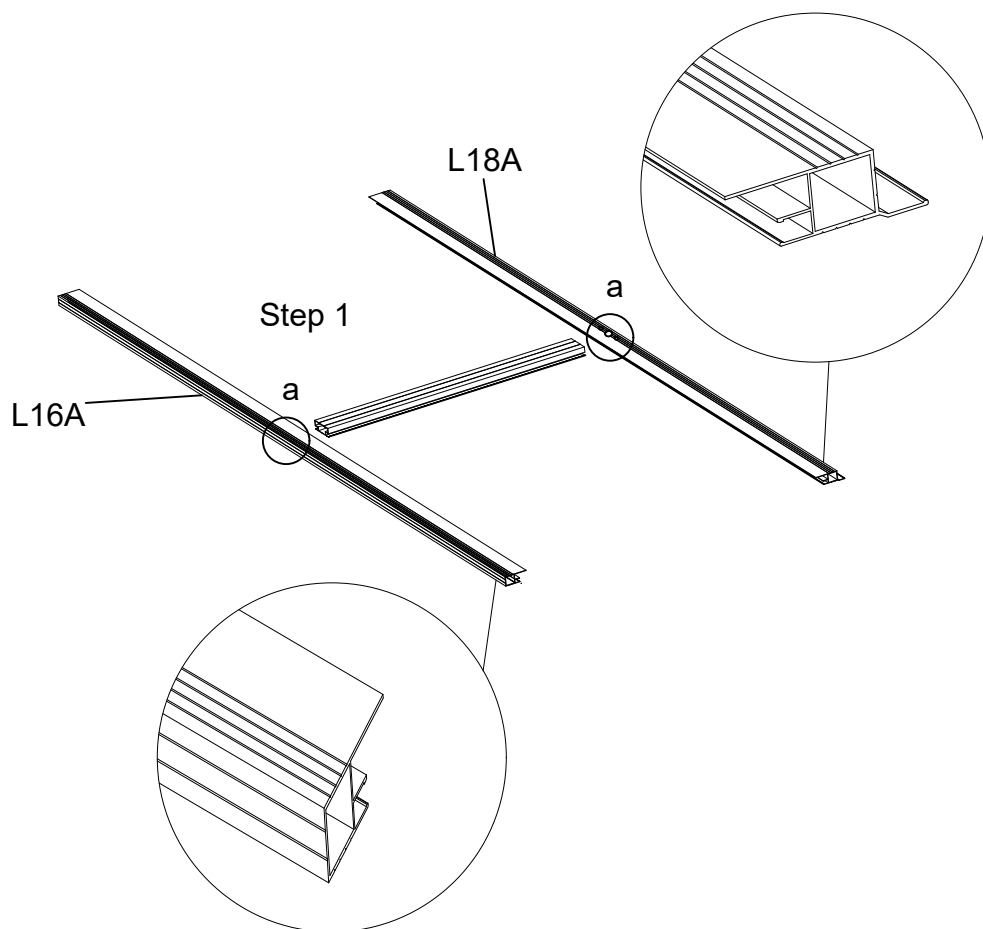


The outer side view of the door.

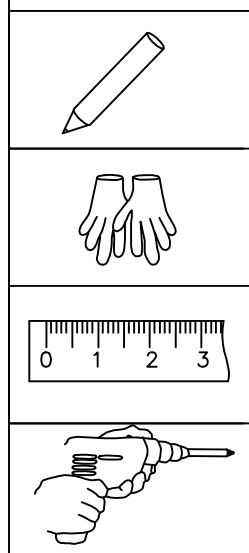
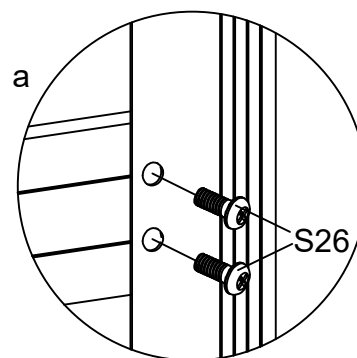
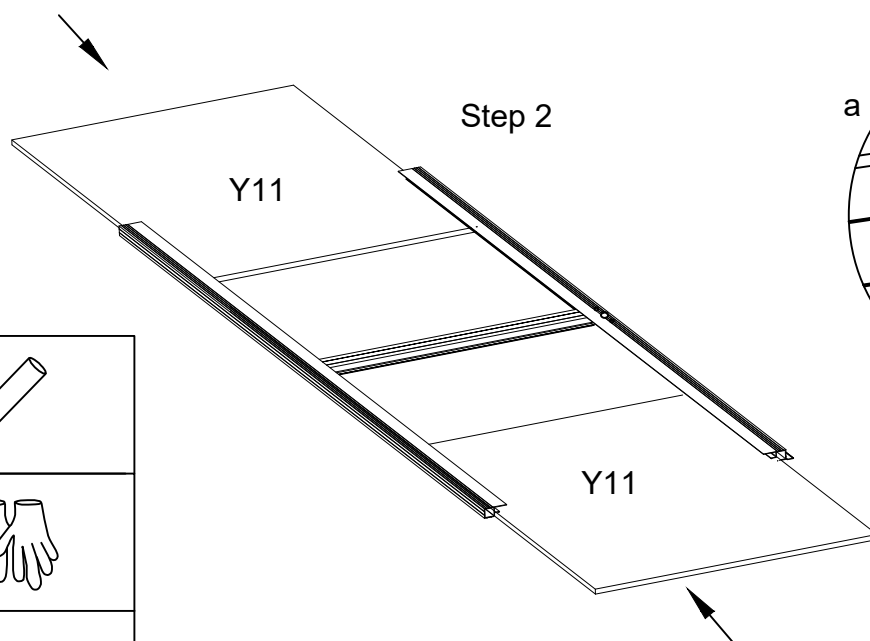


PART	NO	QTY
	L15A	2
	L16A	1
	L17	1
	L18A	1
	H152	1
	D47	1
	S26 M5X12	8
	S76 M4X32	2
	M05 M5	4
	Y11	2
	A89-2	1
	S89 M3X12	2

Right Door

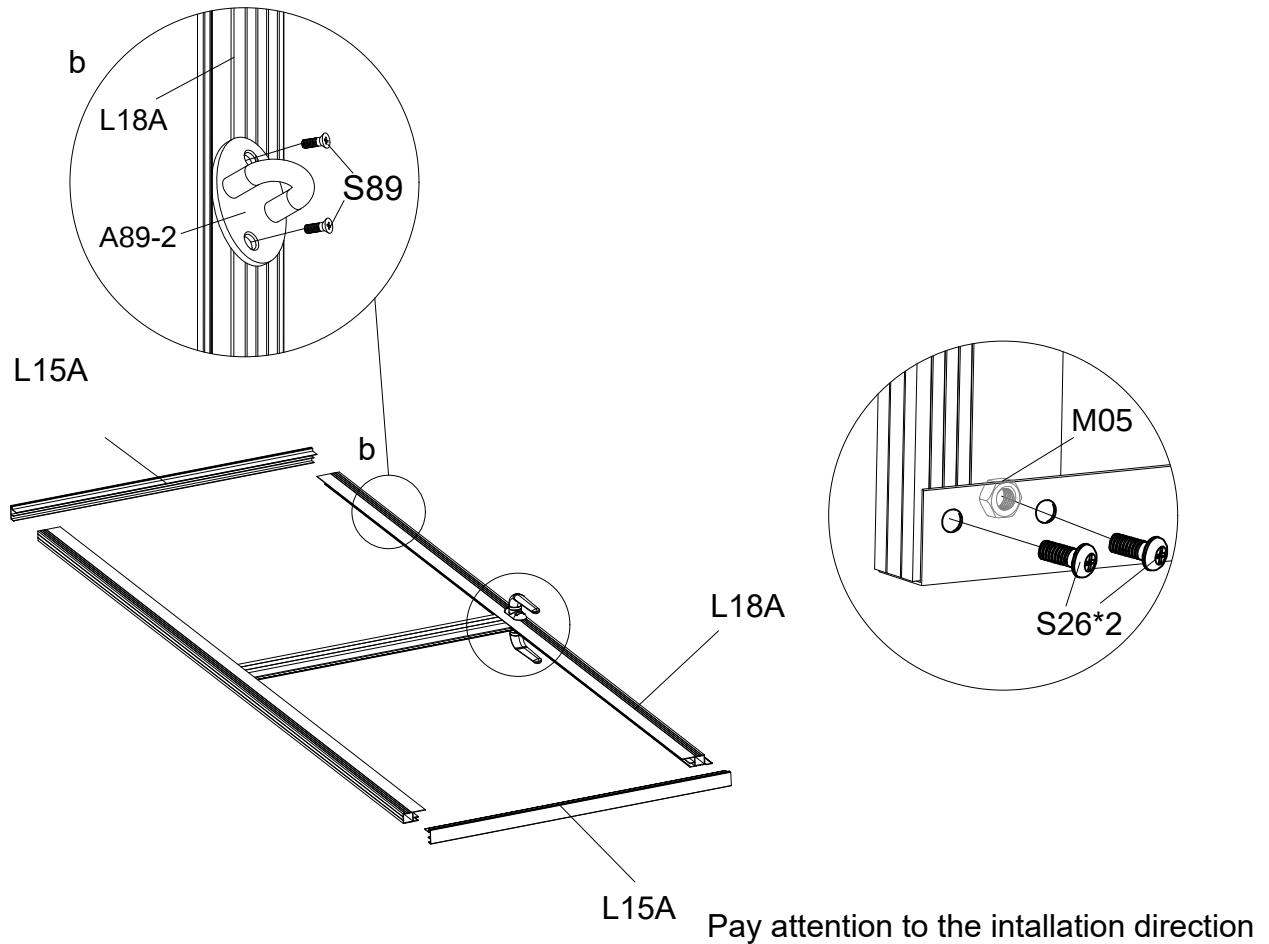


! Attention: Check the direction of the accessories

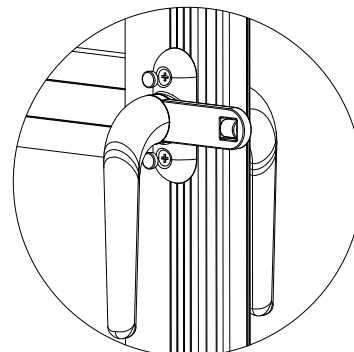
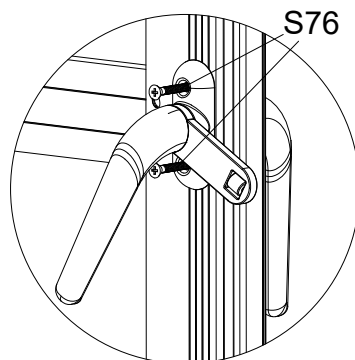
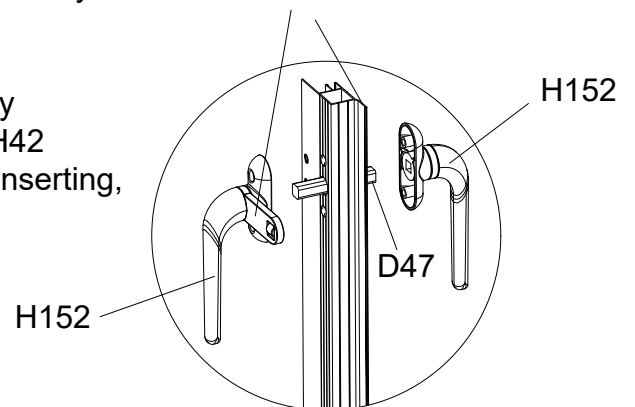


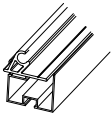
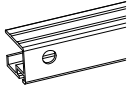
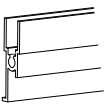
! Attention: Remove the protective films from both sides of each polycarbonate panel, before inserting into aluminum channels. Ensure the milky white film faces towards the Sun.

The outer side view of the door.

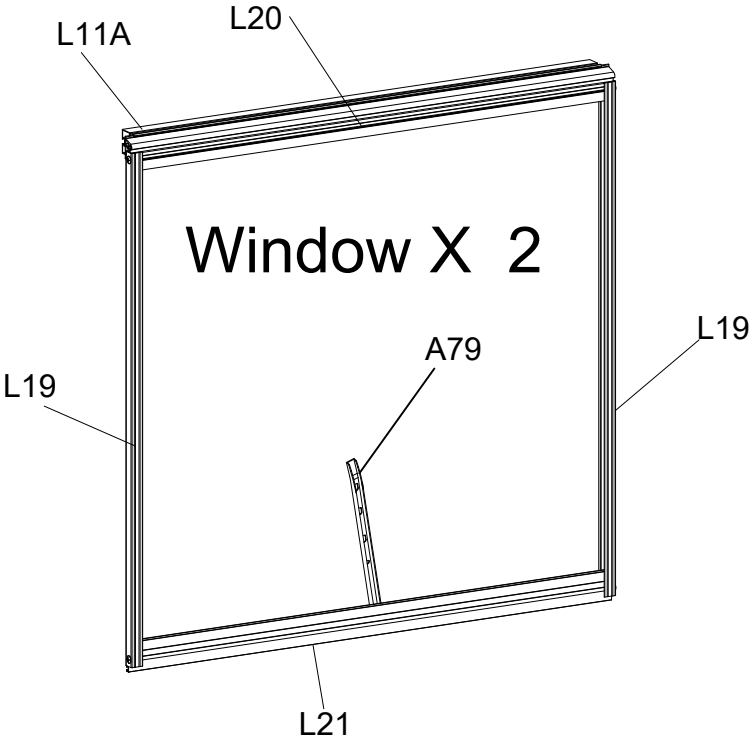


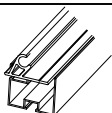
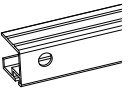
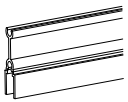
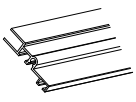
Install H152 after installing the door, when installing, pay attention to the H152 long end toward the door edge, H42 square hole aligned with the square column D47 while inserting, placed in the right position and then fixed with S76 , and finally installed on the decorative cover



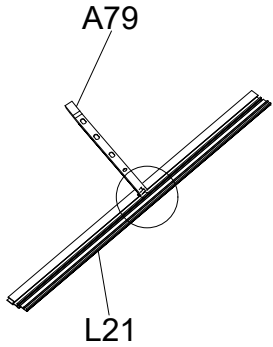
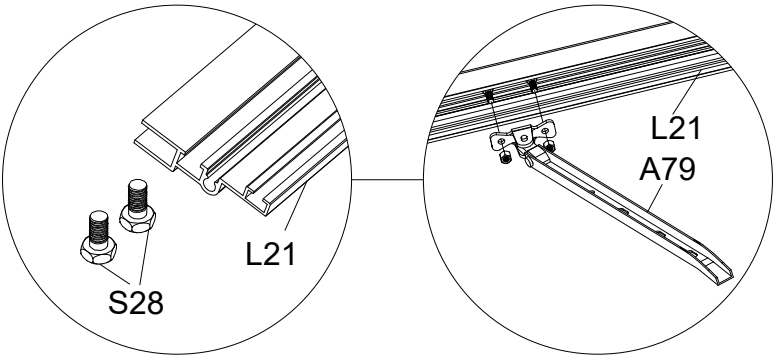
PART	NO.	QTY.
	L11A	2
	L19	4
	L20	2
	L21	2
	Y10	2
	A79	2
	Z02 Ø4X16D	12
	S28 M4X10	4
	M02 M4	4

Exploded View



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

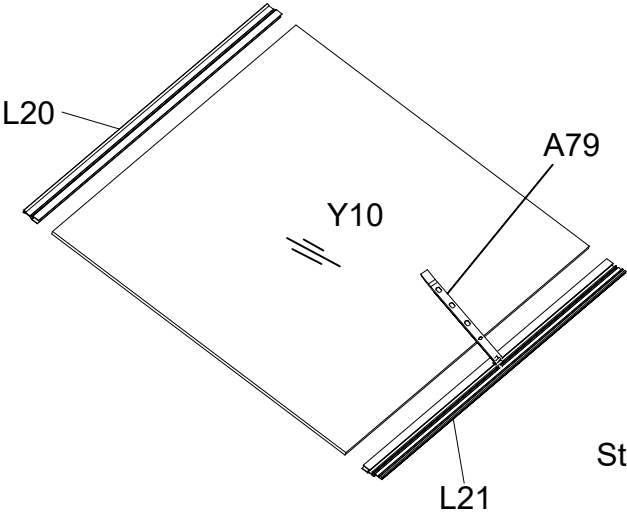
Part	NO.	QTY.
	Y10	1
	A79	1
	Z02 Ø4X16D	6
	S28 M4X10	2
	M02 M4	2



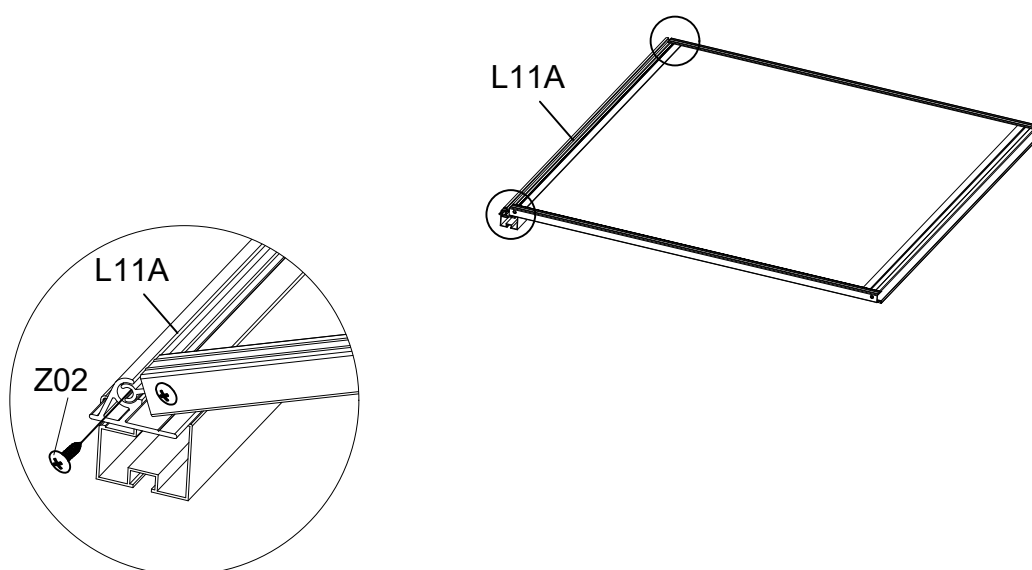
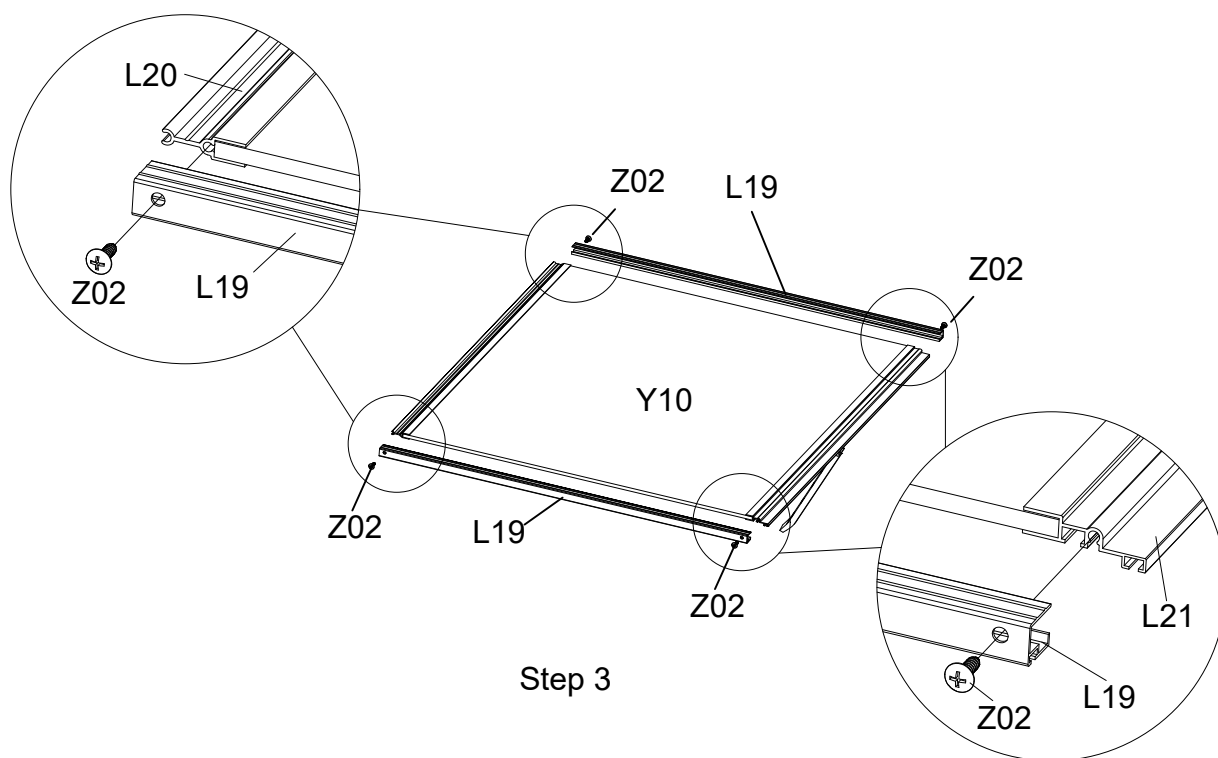
Step 1



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



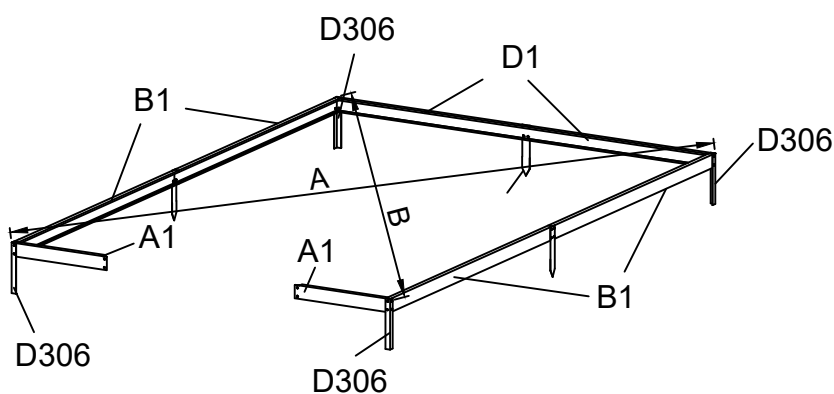
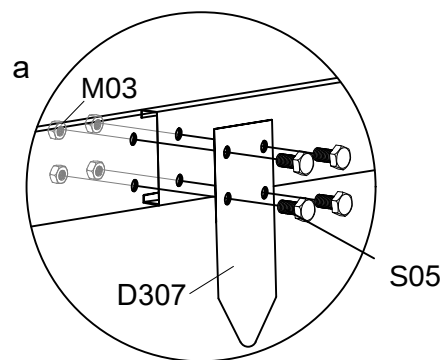
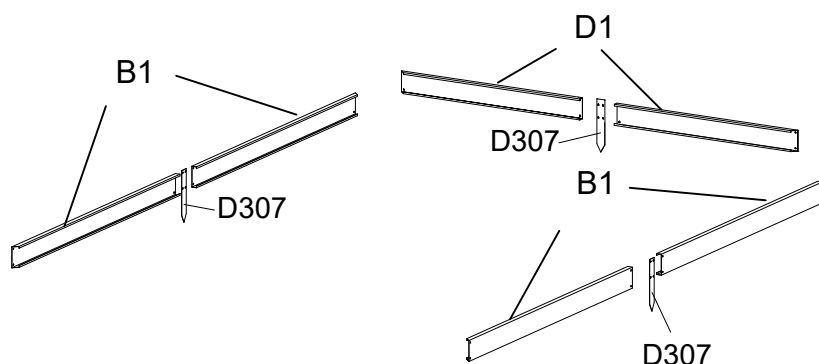
Step 2



Four windows are standard

PART	NO	QTY
	A1	2
	C1	4
	D1	2
	D306	4
	D307	3
	S05 M6X12	28
	M03 M6	28

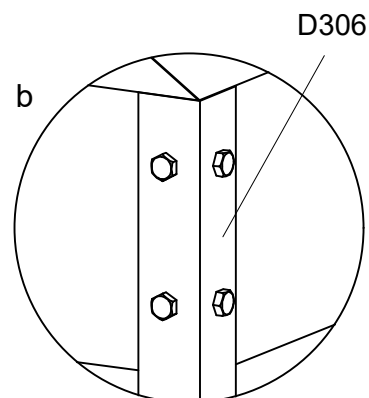
Base Assembly



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

Ⓐ = Ⓑ

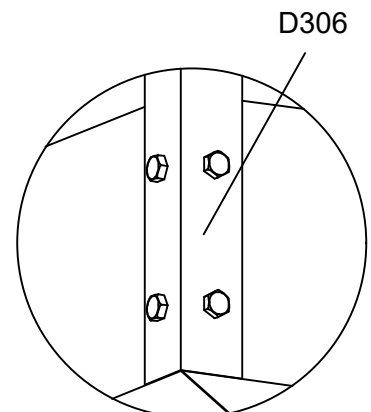
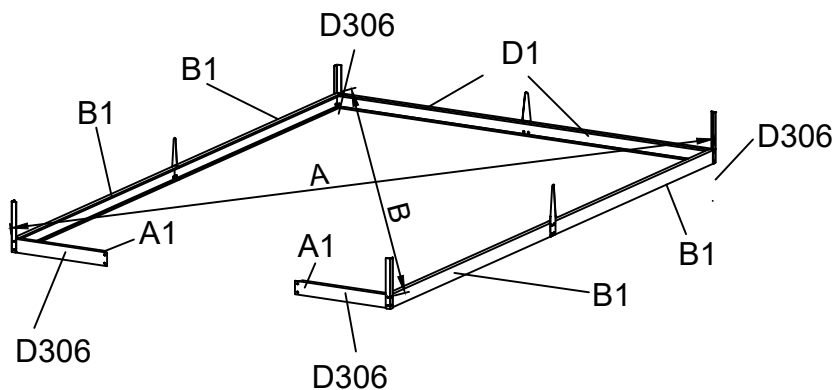
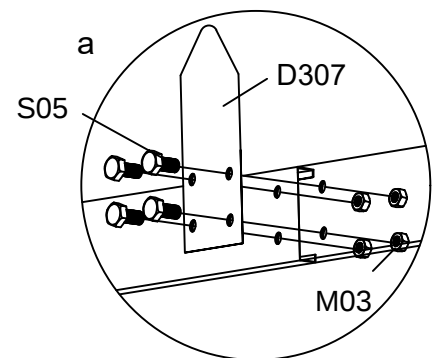
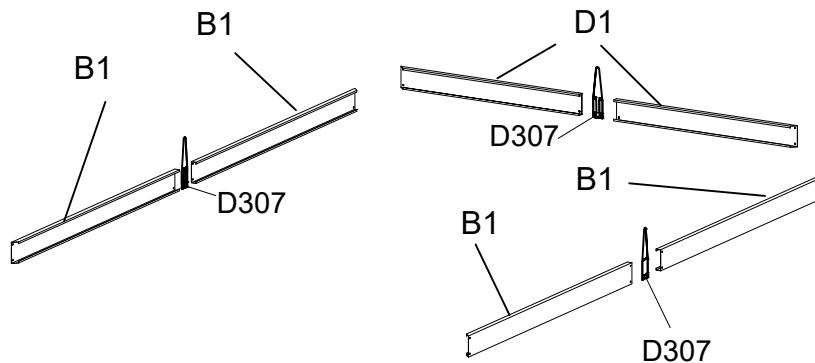
Fix the base before assembly the greenhouse. This is the way to fix the base.



Base Assembly



Note: If you are unable to insert D306 and D307 into the ground, please refer to the diagram below and install the ground insert in reverse.

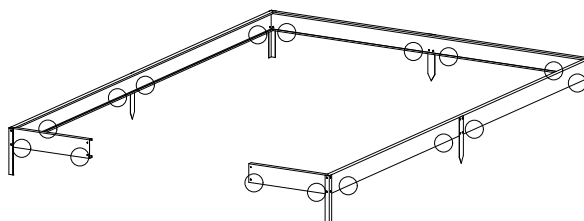


Ⓐ = Ⓑ

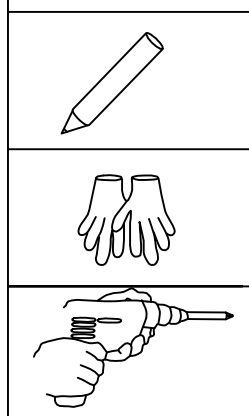
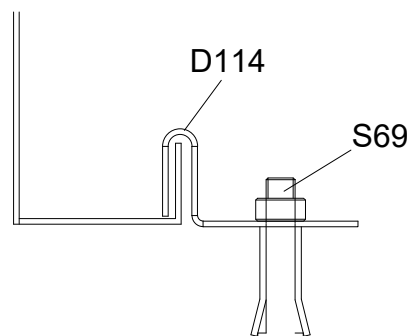
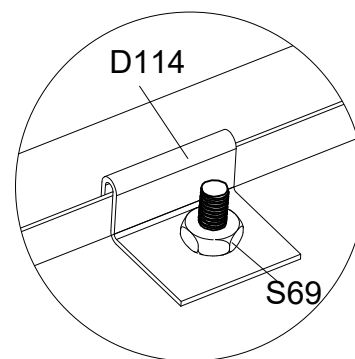
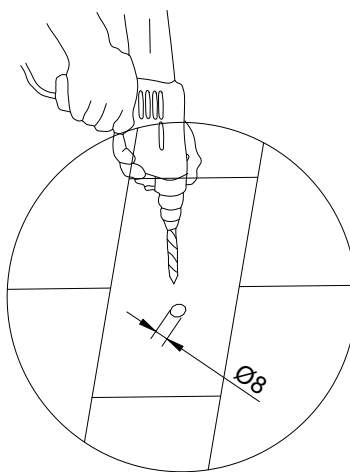
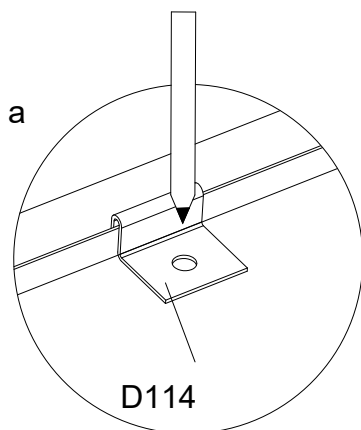
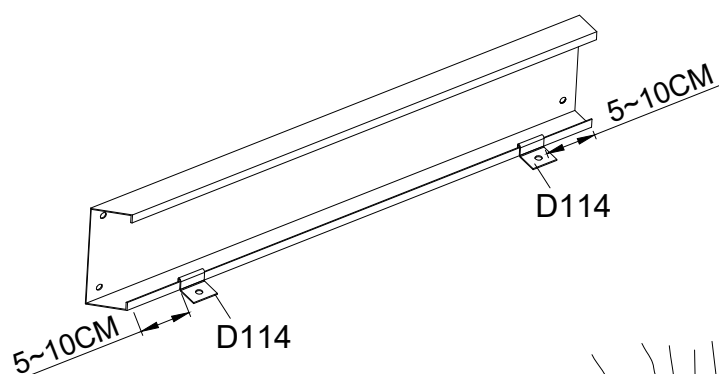
Fix the base before assembly the greenhouse. This is the way to fix the base.

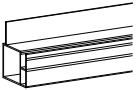
PART	NO	QTY
	D114	16
	S69 M6X60	16

Base Assembly

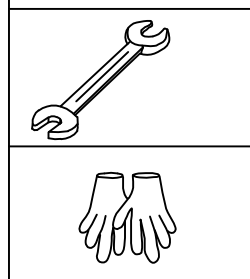
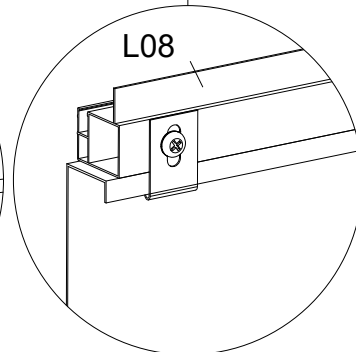
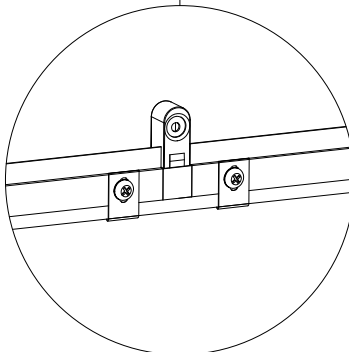
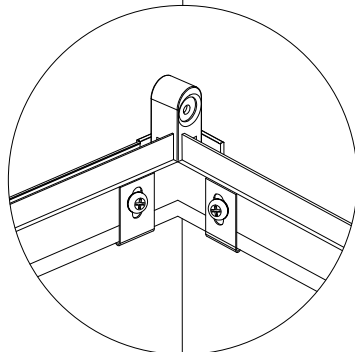
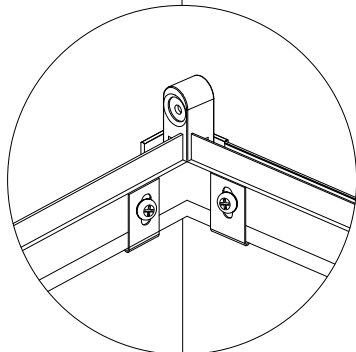
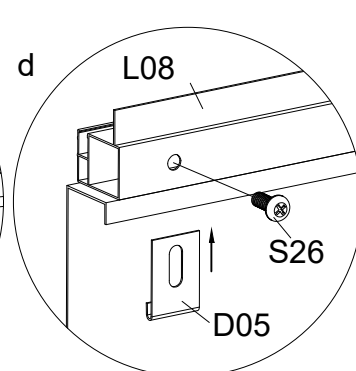
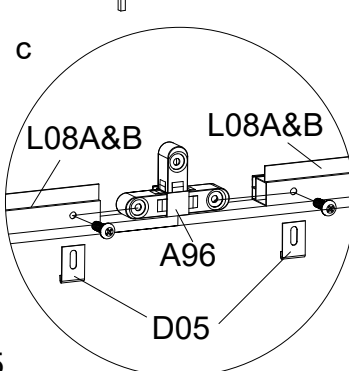
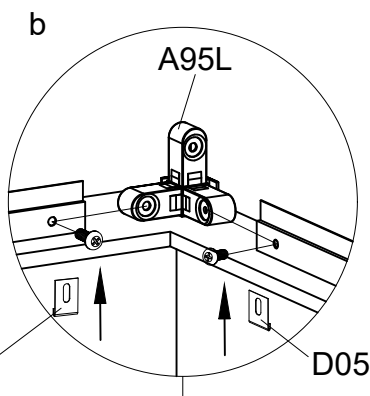
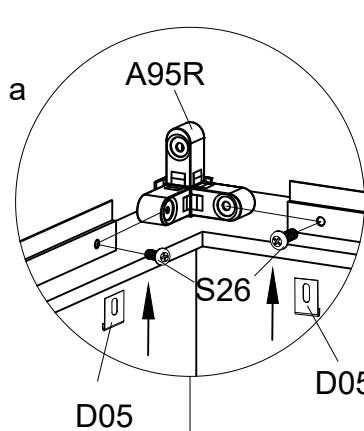
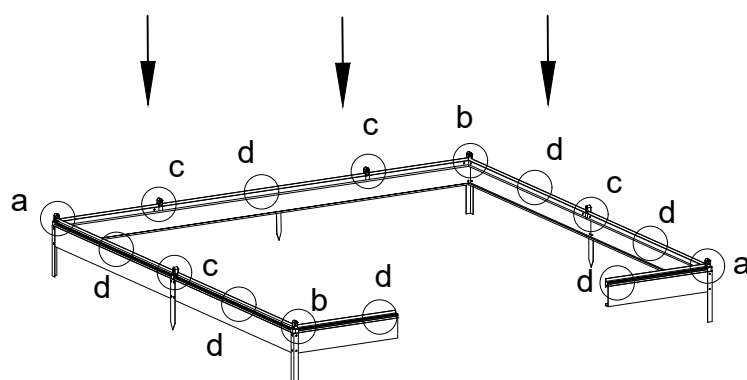
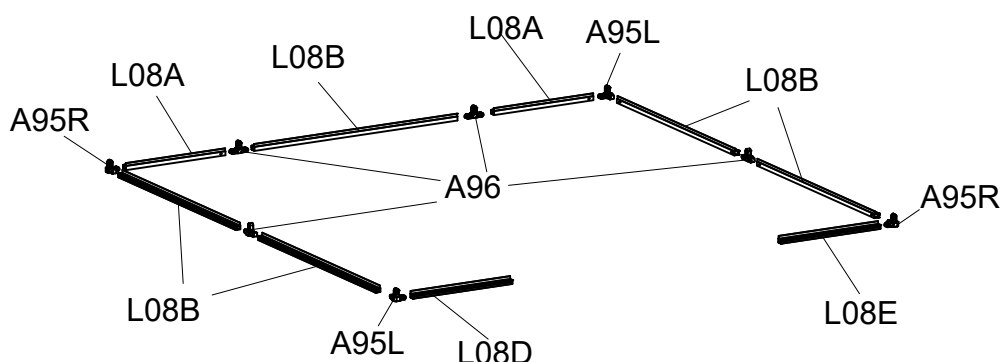


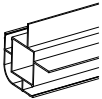
1. Fix the base anchor clip D114 onto each base section with a distance of 5~10CM from each end.
2. Mark the middle of the D114 hole to drill the $\varnothing 8$ hole, then use S69 to fix the D114 to the ground



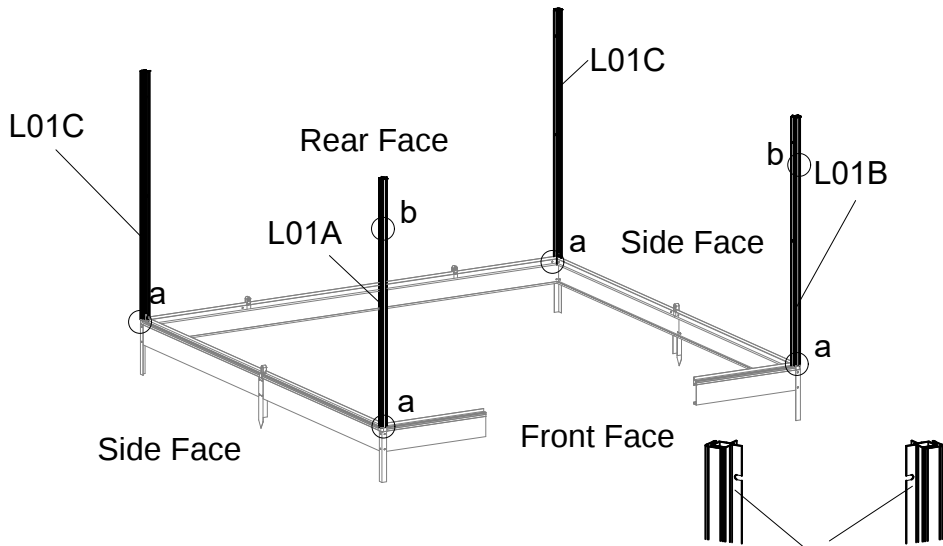
PART	NO	QTY
	L08A	2
	L08B	5
	L08D	1
	L08E	1
	A95L	2
	J168L	
	A95R	2
	J168R	
	A96	4
	J169	
	S26	23
	M6X12	
	D05	23

Wall Assembly

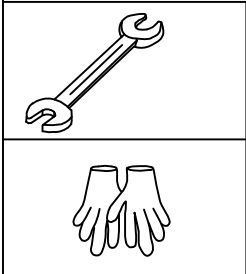
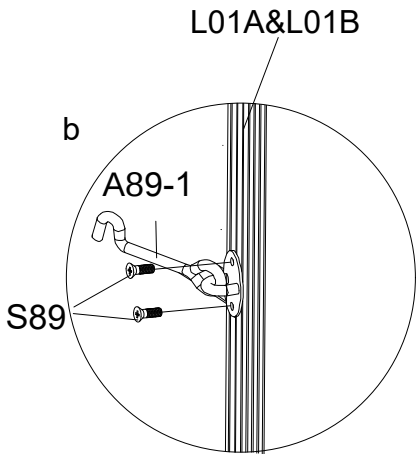
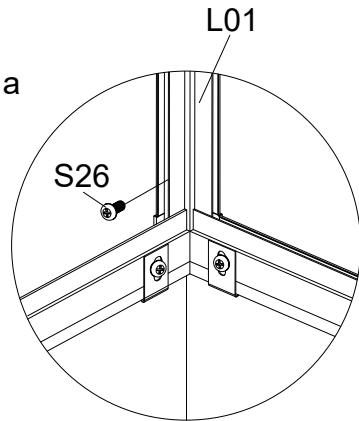
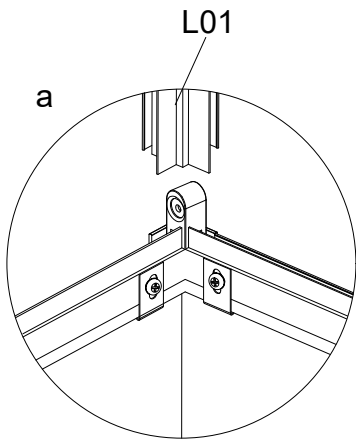


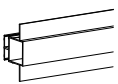
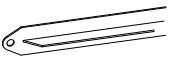
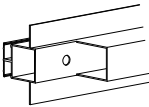
PART	NO	QTY
	L01A	1
	L01B	1
	L01C	2
	S26 M6X12	4

Wall Assembly

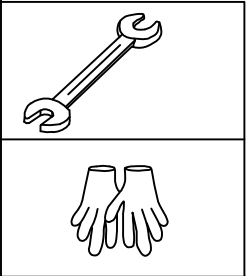
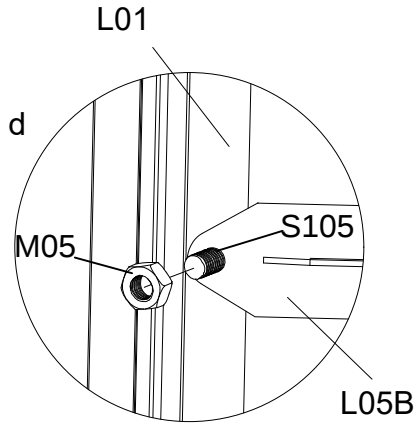
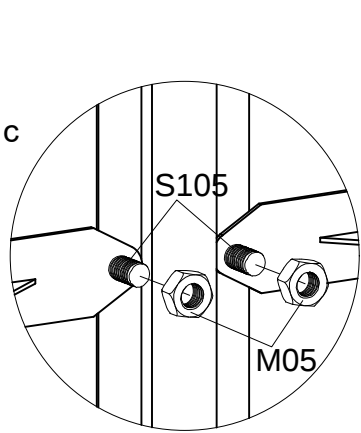
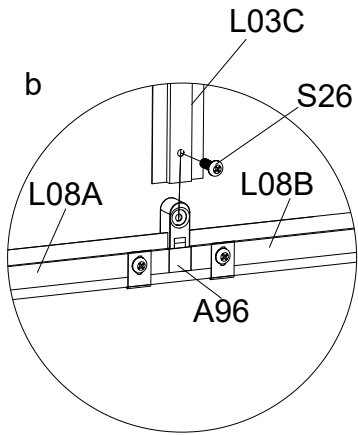
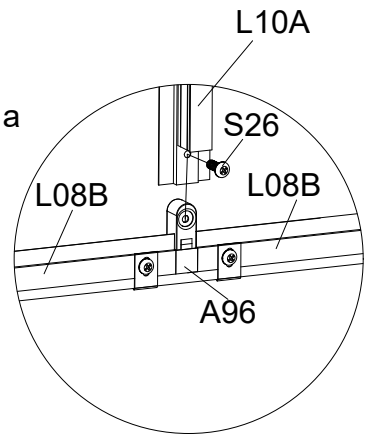
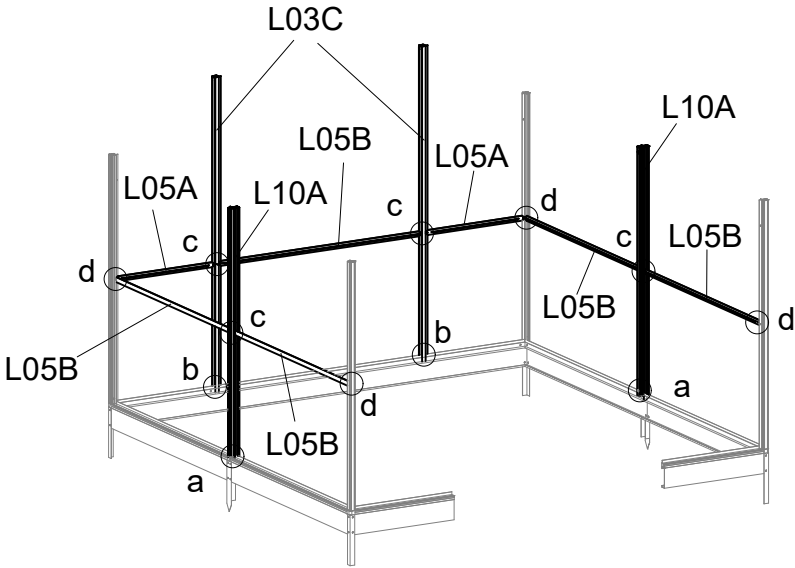


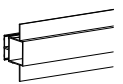
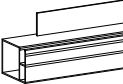
When installing L01, note that the notched edges are on the FRONT and REAR faces. The SIDE faces are solid (no notches).



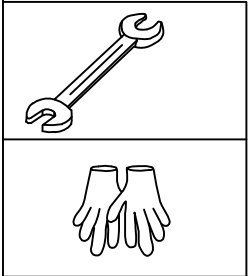
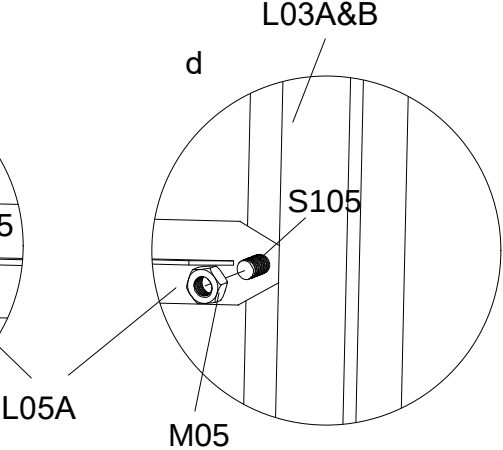
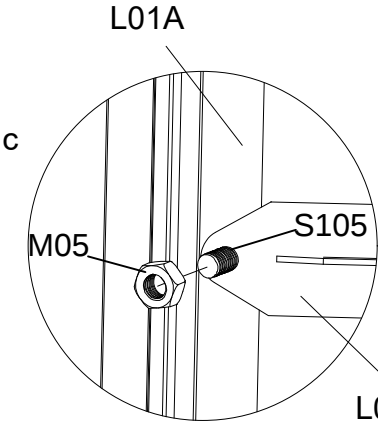
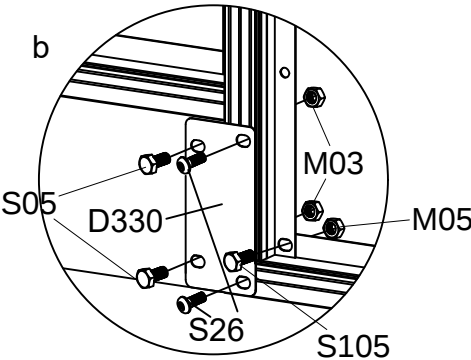
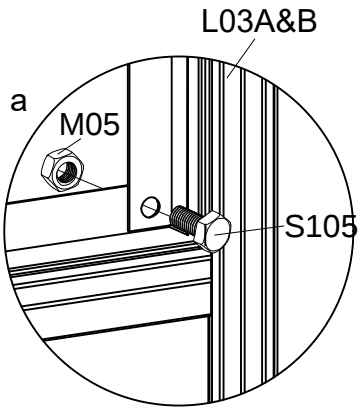
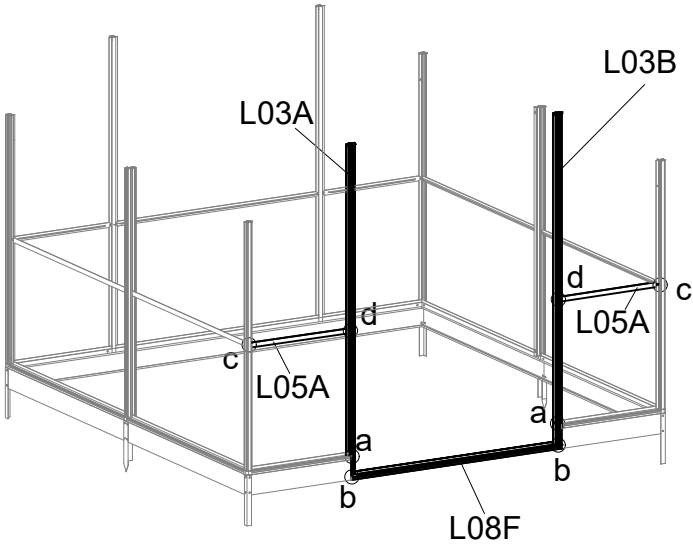
PART	NO	QTY
	L03C	2
	L05A	2
	L05B	5
	L10A	2
	S105 M5X10	12
	M05 M5	12
	S26 M6X12	4

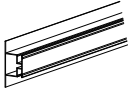
Wall Assembly



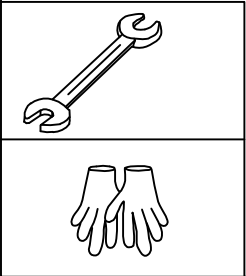
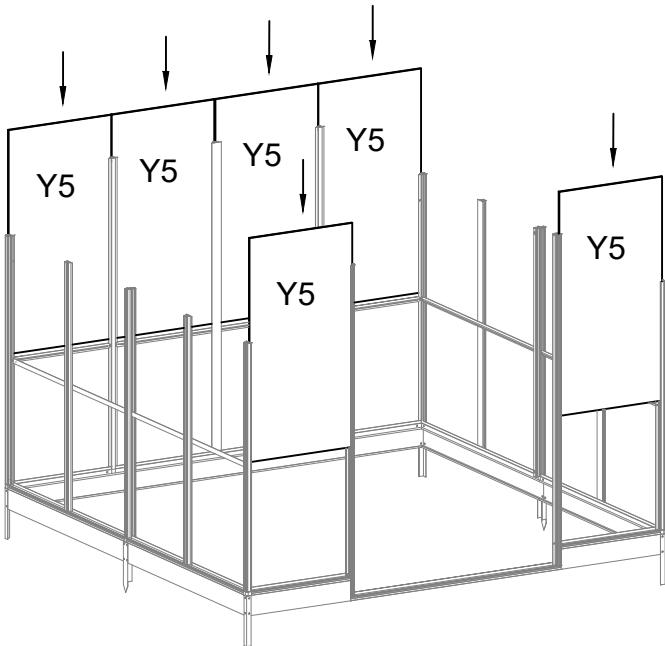
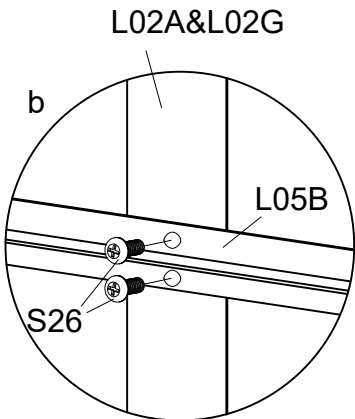
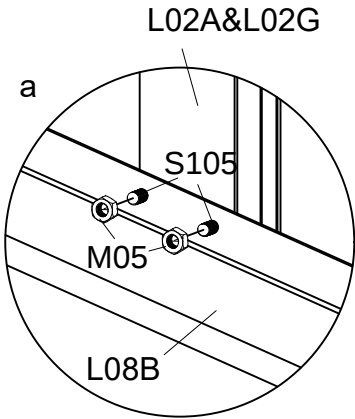
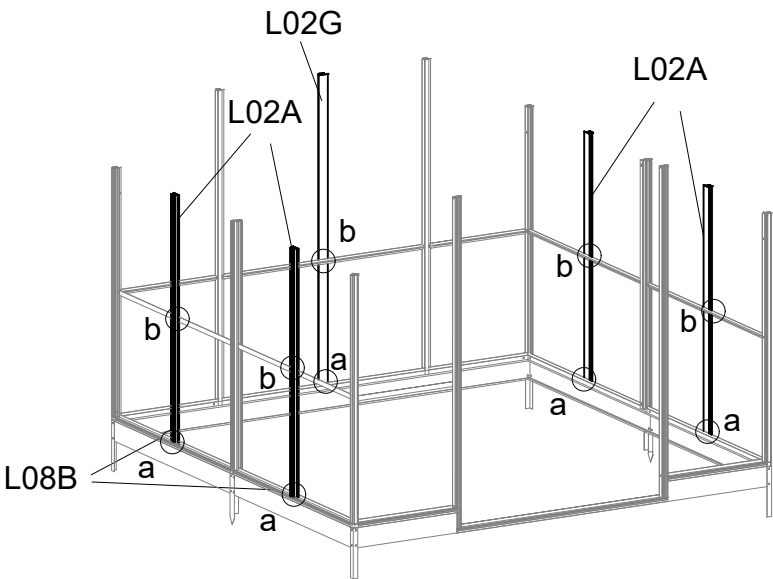
PART	NO	QTY
	L03A	1
	L03B	1
	L05A	2
	L08F	1
	D330	2
	S105 M5X10	8
	M05 M5	8
	S26 M5X12	4
	S05 M6X12	4
	M03 M6	4

Wall Assembly



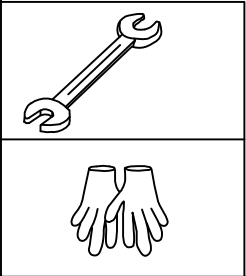
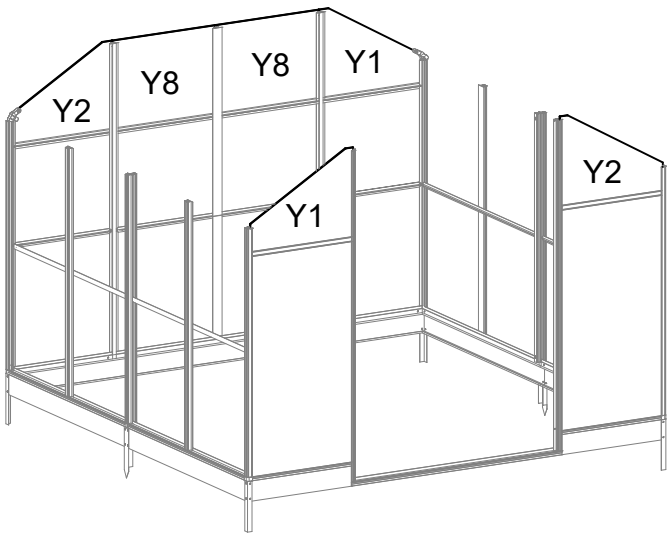
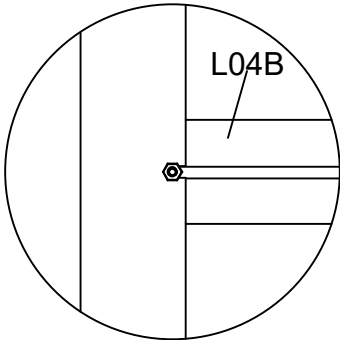
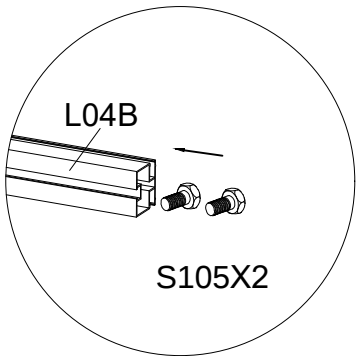
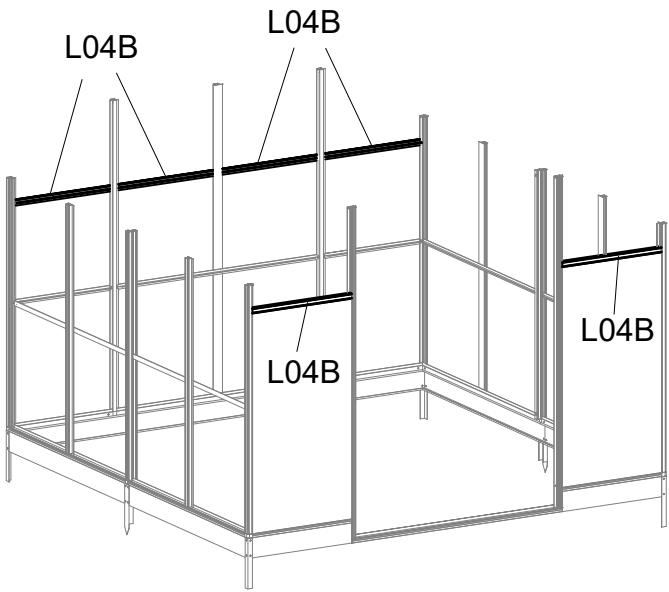
PART	NO	QTY
	L02A	4
	L02G	1
	S105 M5X10	10
	M05 M5	10
	M05 M5	10
	S26 M5X12	10

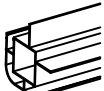
Wall Assembly



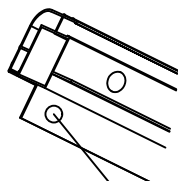
PART	NO	QTY
	L04B	6
	Y1	2
	Y2	2
	Y8	2
	S105 M5X10	12
	M05 M5	12

Wall Assembly

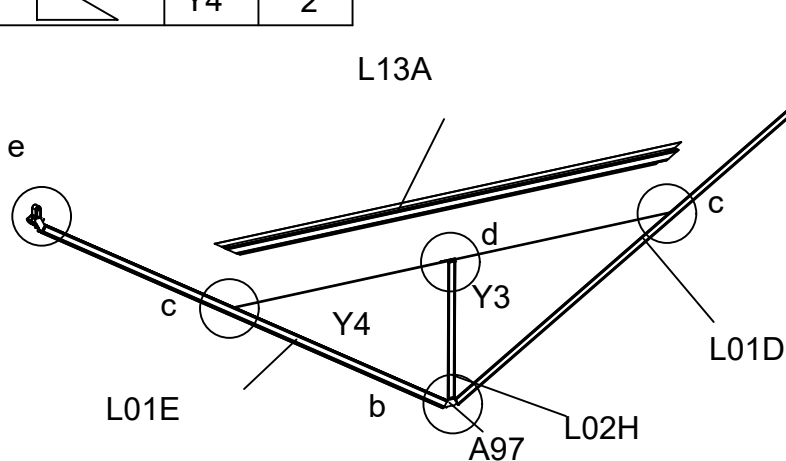
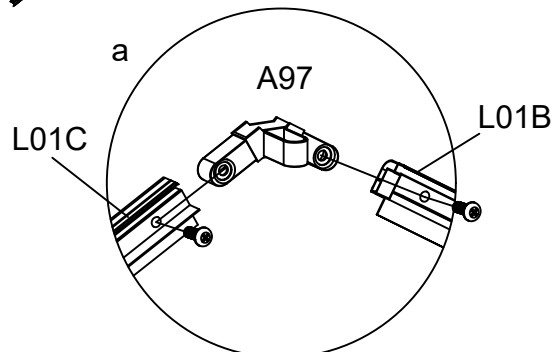
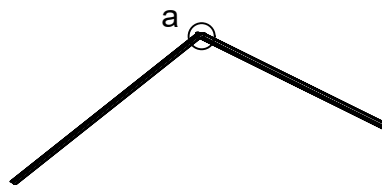


PART	NO	QTY
	L01D	2
	L01E	2
	L02H	2
	L13A	2
	S26 M5X12	20
	A97 J170	6
	S105 M5X10	12
	M05 M5	12
	D341	4
	Y3	2
	Y4	2

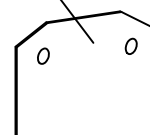
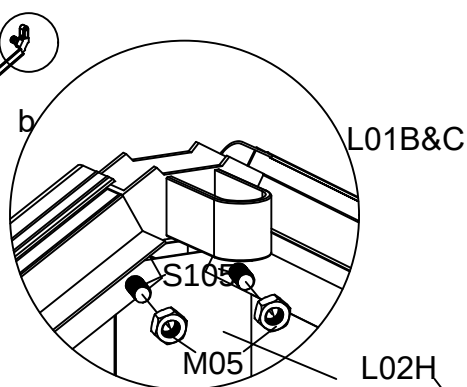
Wall Assembly



Attention! Close to the end face of L01D and L01E with a single hole, facing upwards

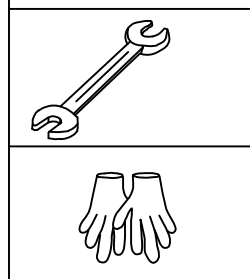
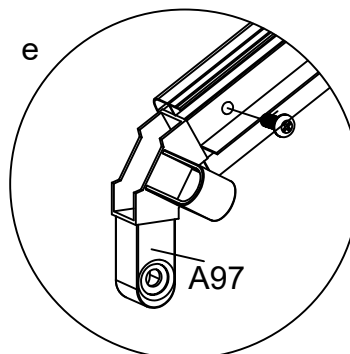
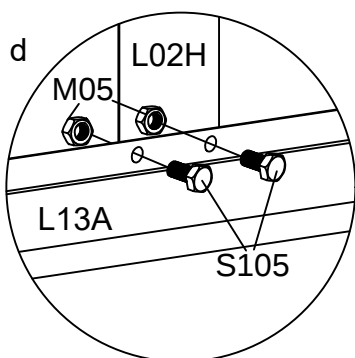
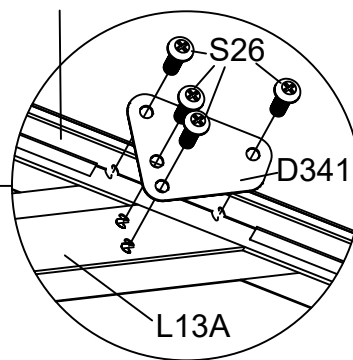
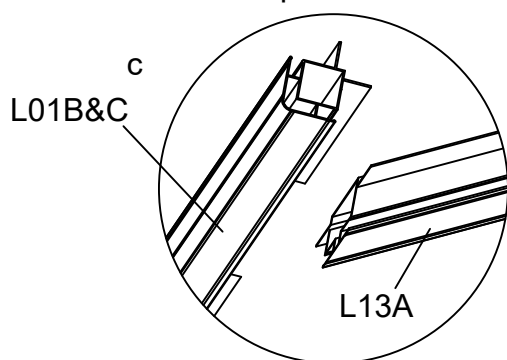


Attention! When installing L13A, it will be easier to install it upside down



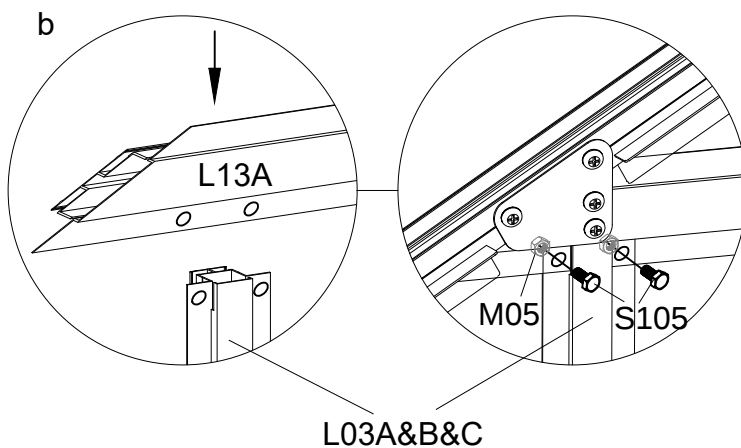
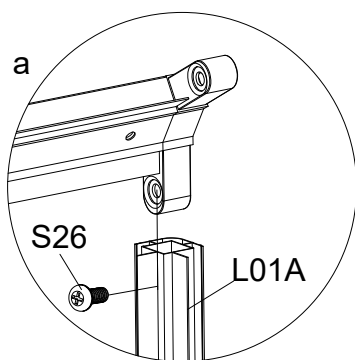
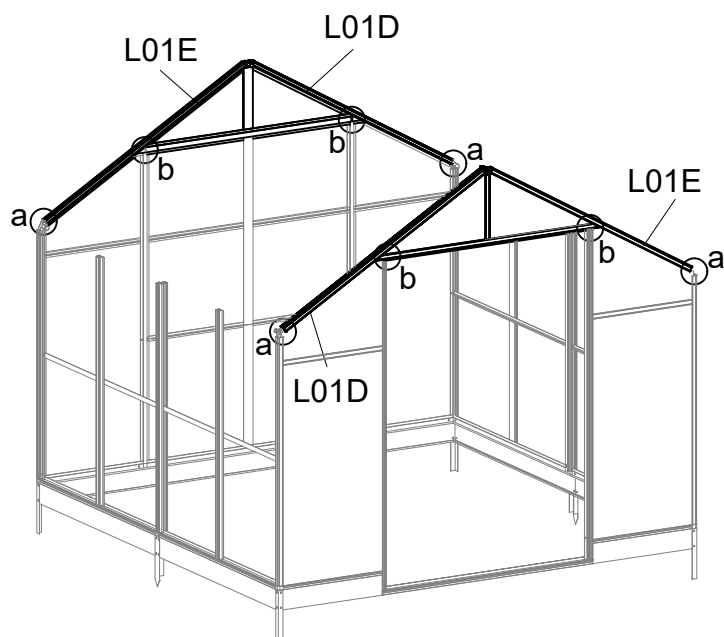
L01B&C

Attention! The end of L02H with chamfered upwards

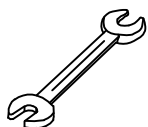


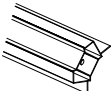
PART	NO	QTY
	S105	8
	M5X10	
	M05	8
	M5	
	S26	4
	M5X12	

Wall Assembly



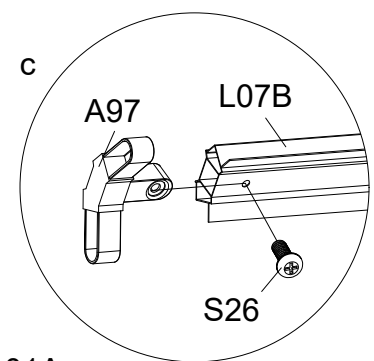
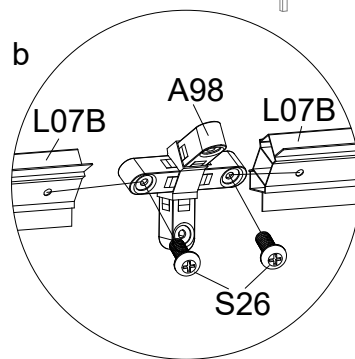
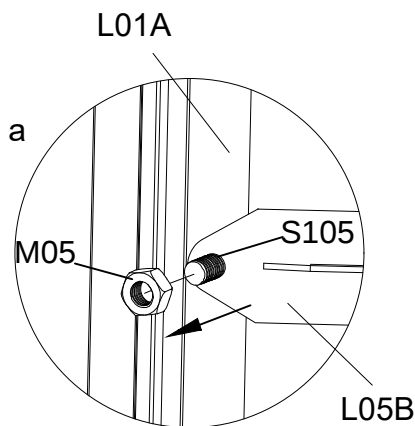
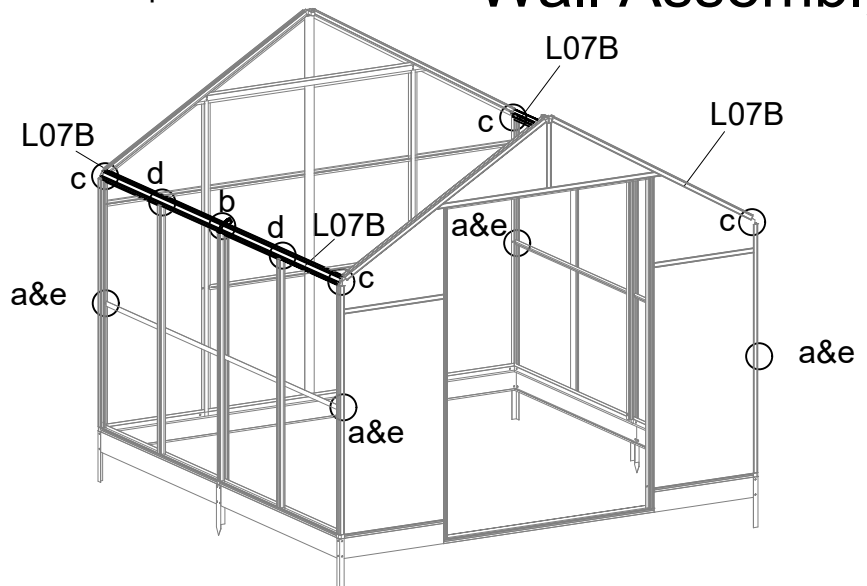
First, insert the surface below of L13A into the gap of L03A&BC, and then fix it with S105&M05



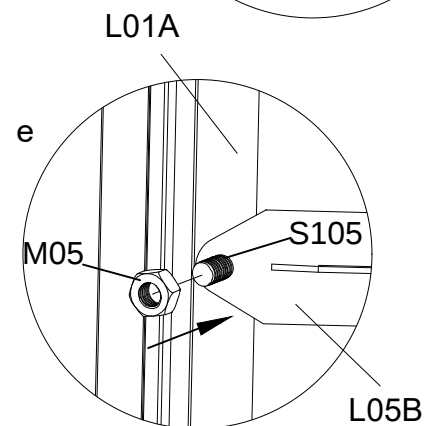
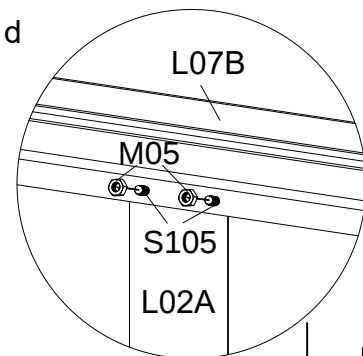
PART	NO	QTY
	L07B	4
	A98	2
	J171	
	S26	8
	M5X12	
	S105	16
	M5X10	
	M05	16
	M5	
	Y6	8

Put the panels into positions

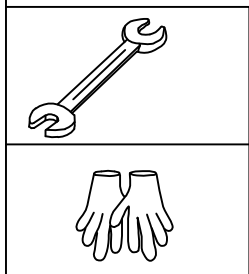
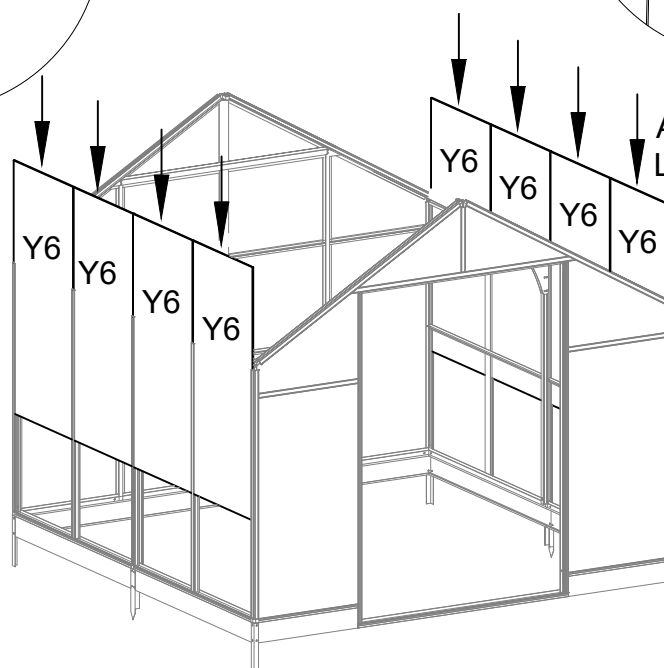
Wall Assembly

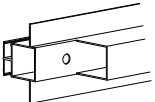


Loosen the screws at the four corners of L01A and L05B before installing L07B

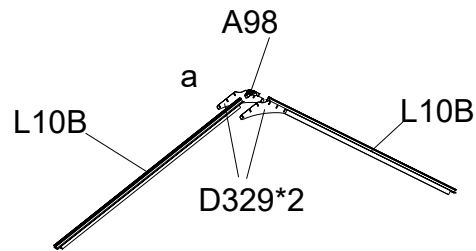


After installing L07B, fix L01A and L05B again

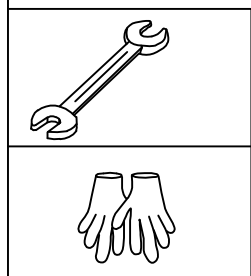
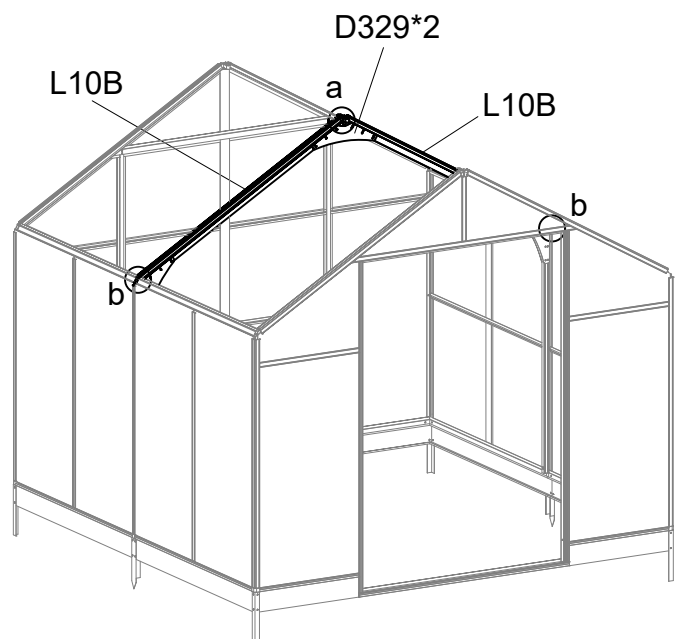
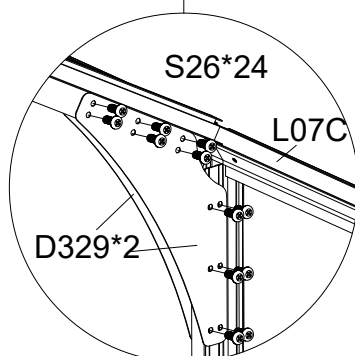
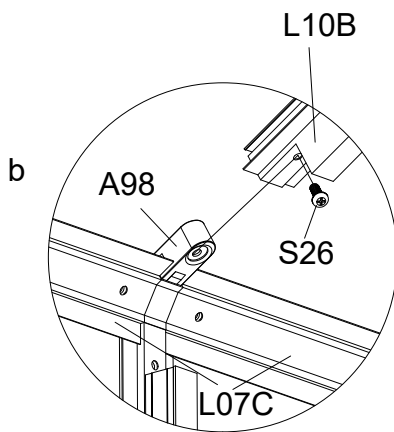
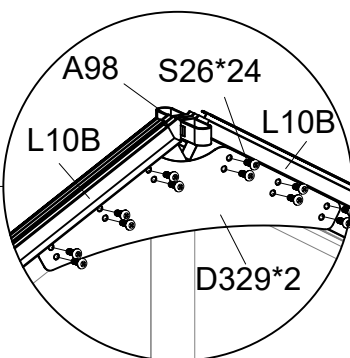
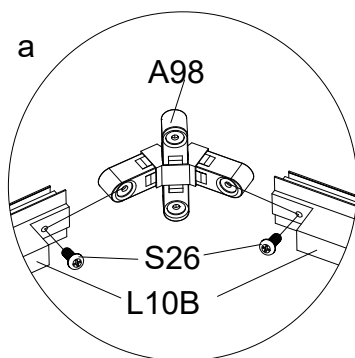


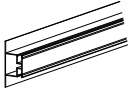
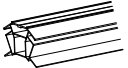
PART	NO	QTY
	L10B	2
	A98 J171	1
	D329	6
	S26 M5X12	72

Top Assembly

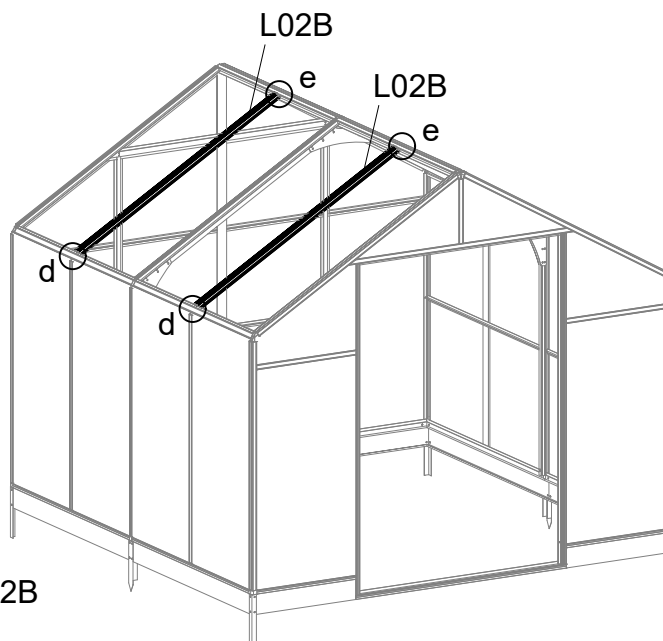
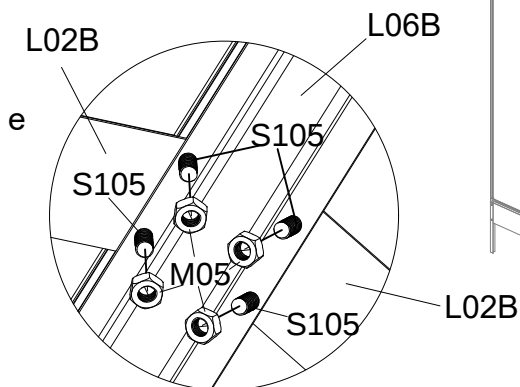
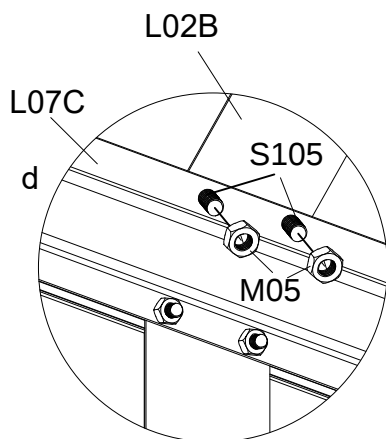
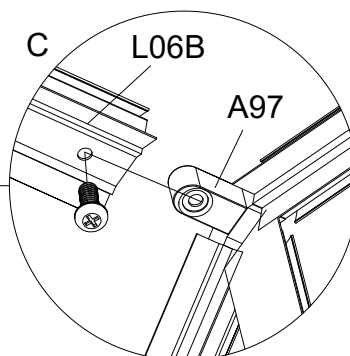
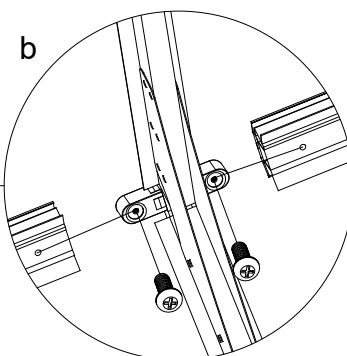
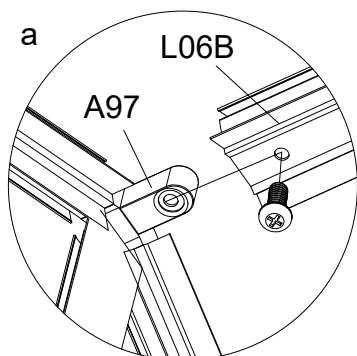
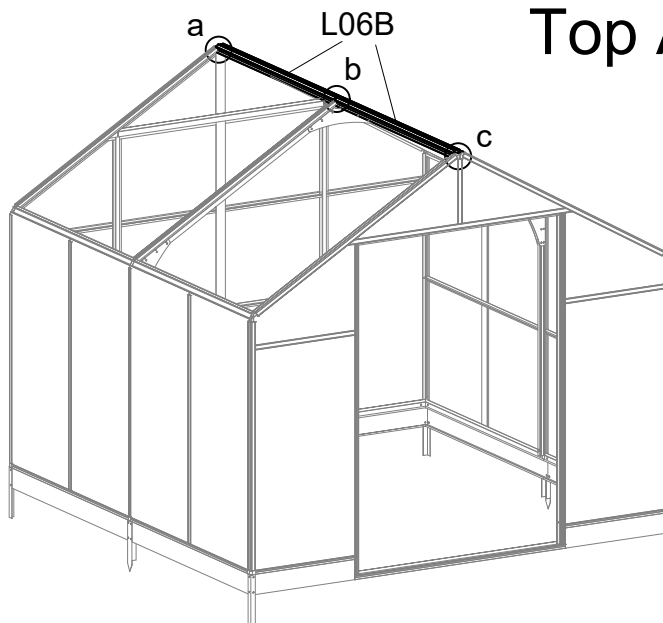


First, connect the two L10Bs with A98, and then fix the two L10Bs with D329 and S26 (installed on the ground first)

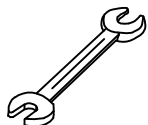


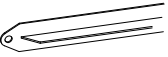
PART	NO	QTY
	L02B	4
	L06B	2
	S105 M5X10	16
	M05 M5	16
	S26 M5X12	4

Top Assembly

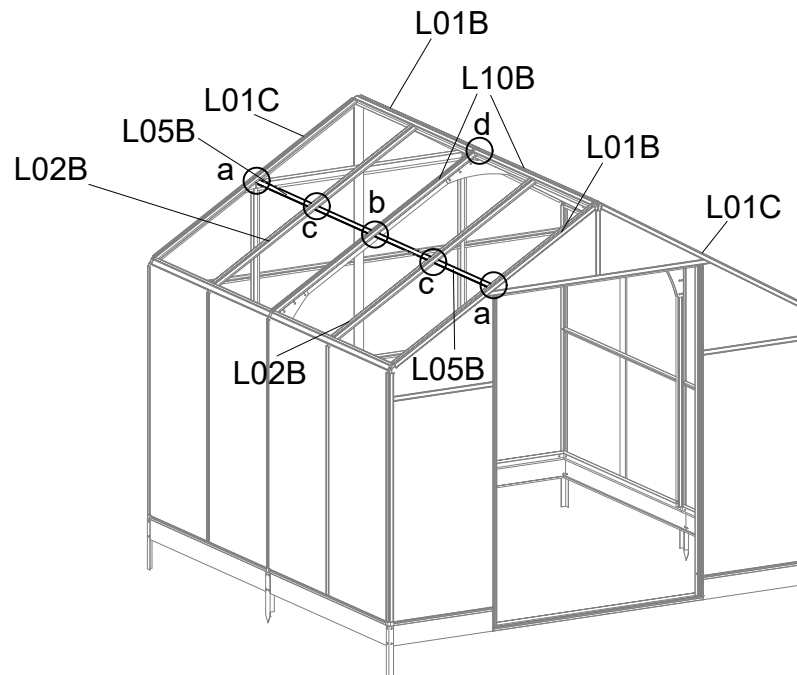


Fix glazing bars L02B (8pcs)
to the eaves and the ridge
profiles with S105 & M05

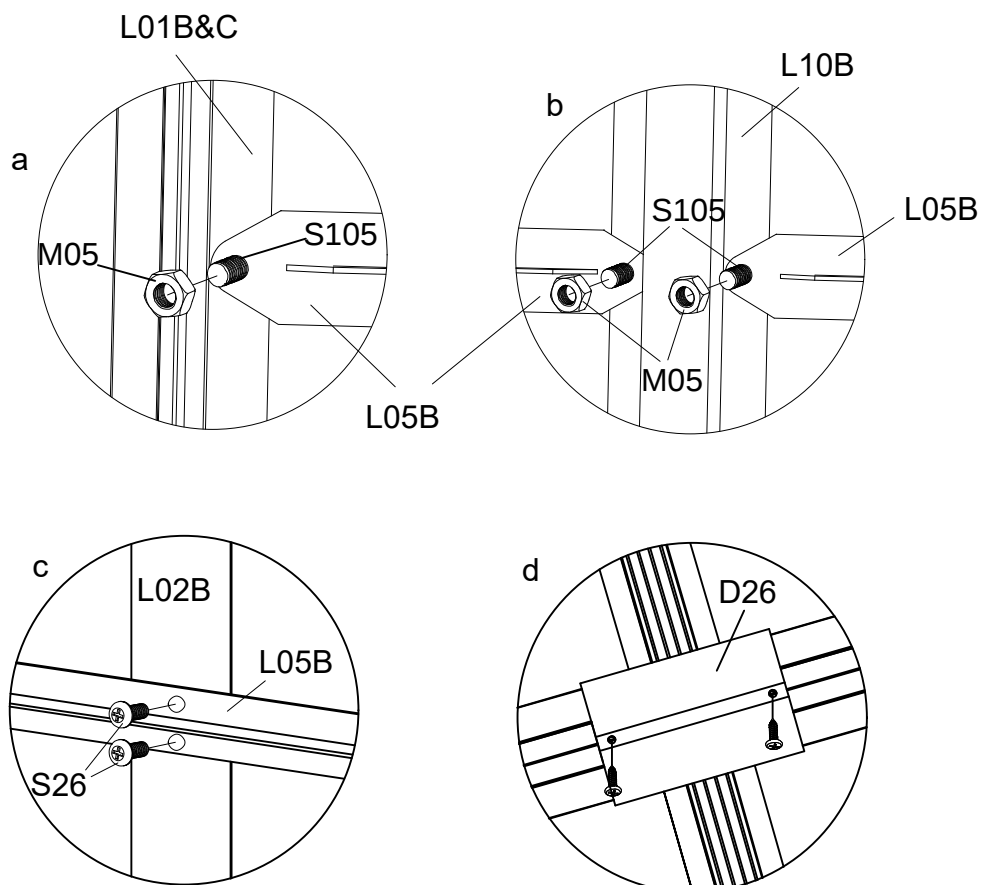


PART	NO	QTY
	L05B	4
	D26	1
	S105 M5X10	8
	M05 M5	8
	Z08 M4.2X16	2
	S26 M5X12	8

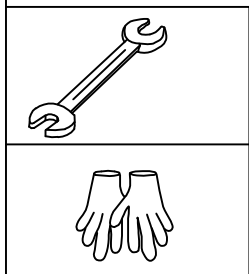
Top Assembly



L05B with the extra reinforced edge in the middle should face inside.

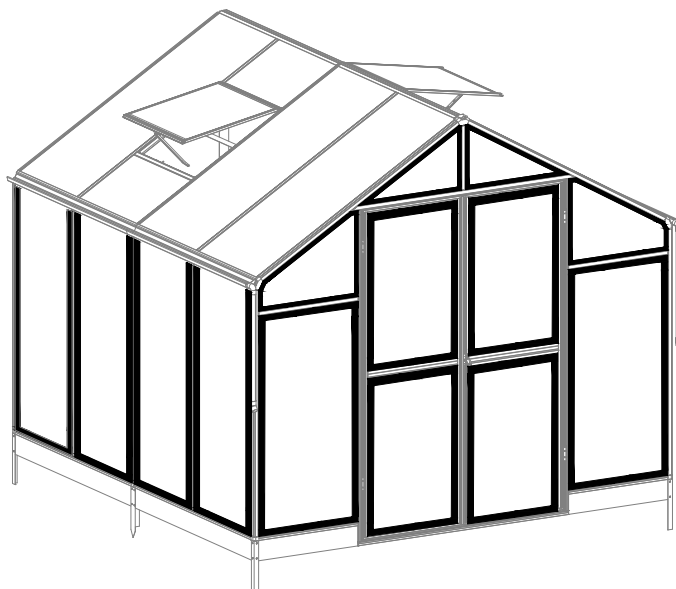


Fix D26 to L06B
from outside with
self-tapping screws Z08,
using a powered screwdriver.



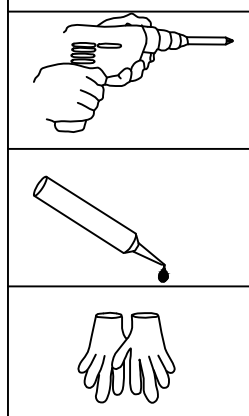
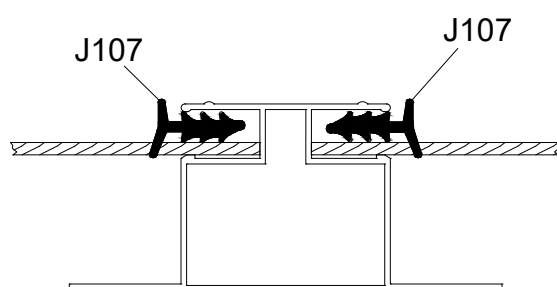
PART	NO	QTY
	J107	93M

Accessories Assembly



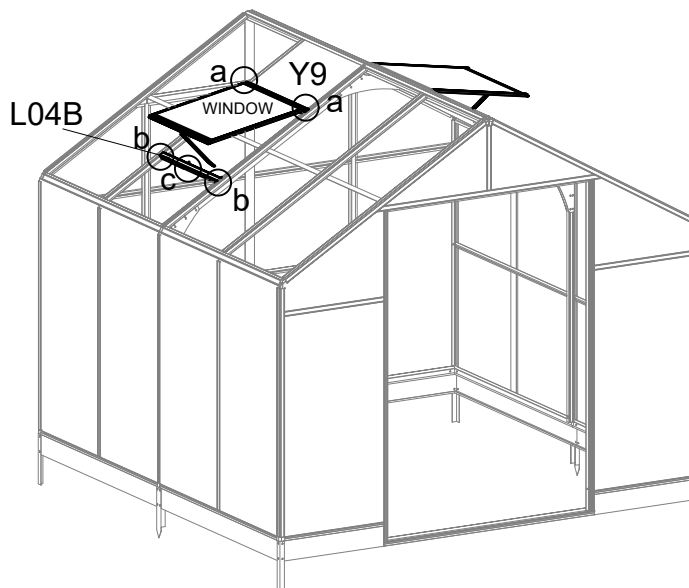
The right diagram indicates where to install the seal strip

Important: When installing glass, mount seal strip J107 before applying silicone sealant.

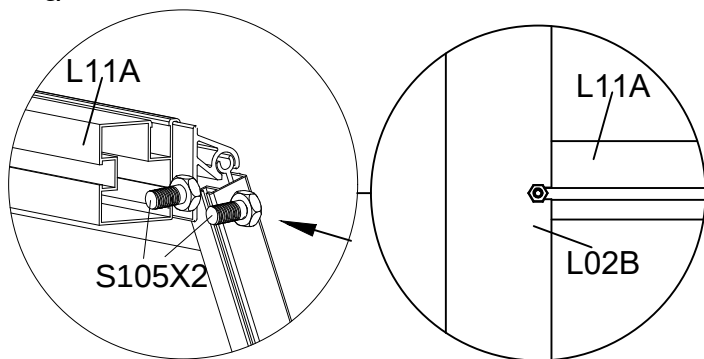


PART	NO	QTY
	L04B	2
	A03	2
	WINDOW1	2
	Y9	2
	S105 M5X10	12
	M05 M5	12

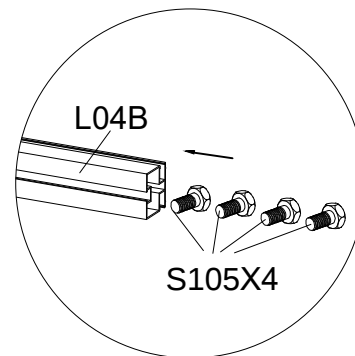
Top Assembly



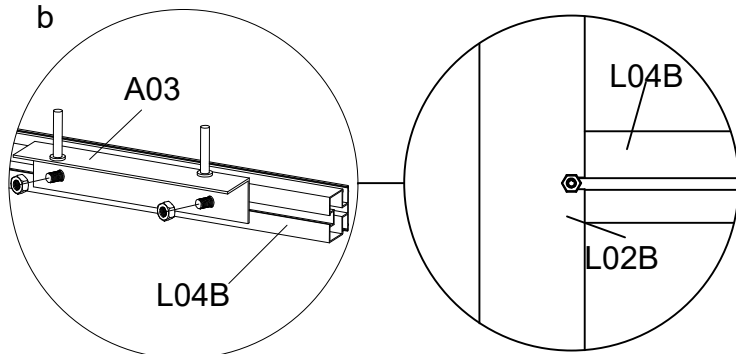
a



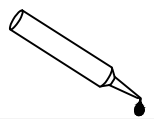
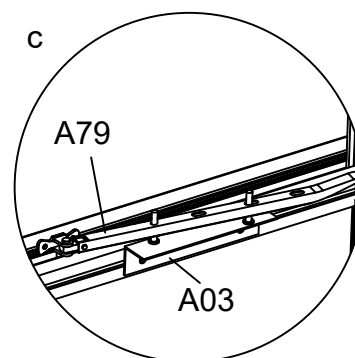
Slide 2 bolts (S105) into each L11A, and bolt it to L02B, using the S105 & M05.



b

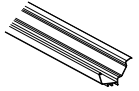


c

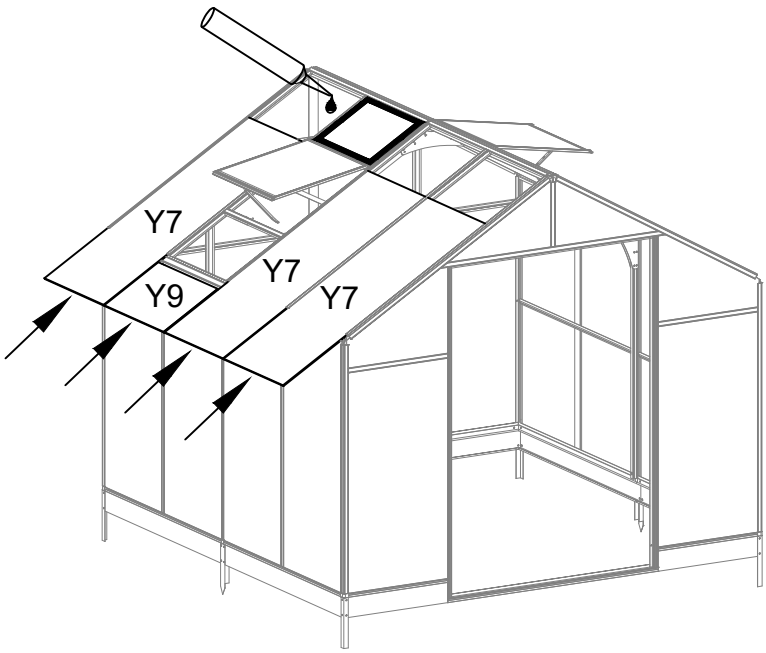


When installing L04B, the window needs to be lifted up to avoid the window not opening after the installation is complete

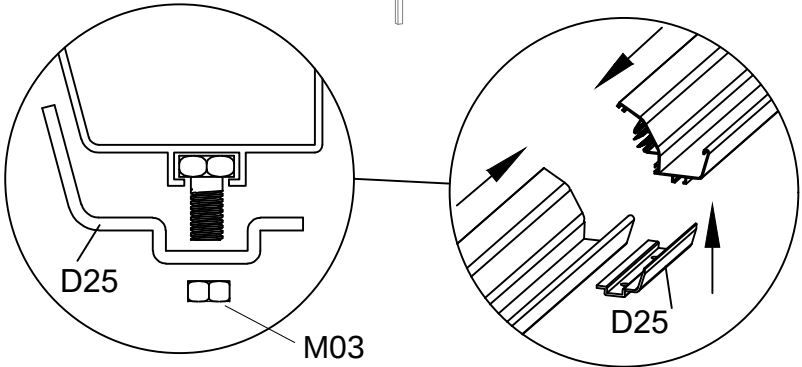
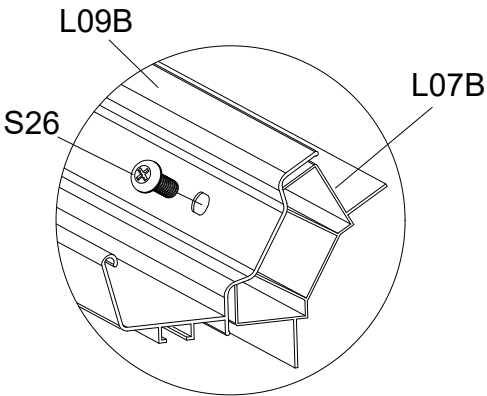
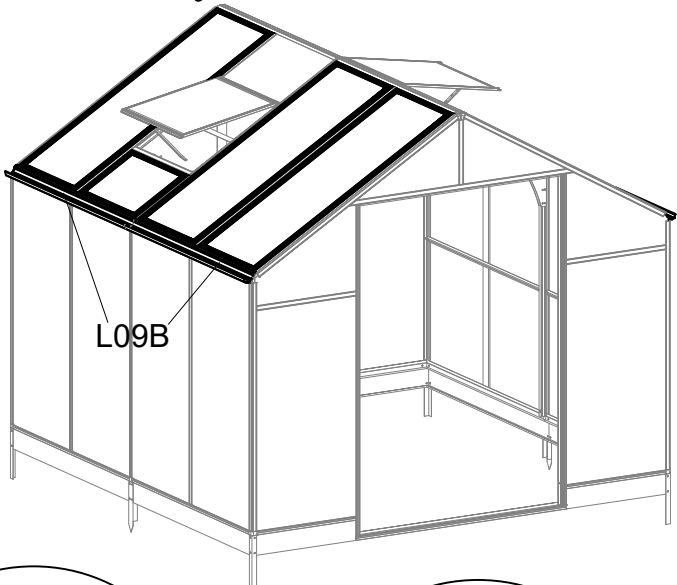
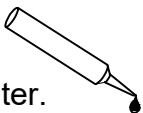
Before fixing A03, first close the window. Adjust the position of A03 according to A79 on the window, so that the window can be securely closed, and then fix S05 and M03 on A03.

PART	NO	QTY
	L09B	4
	D25	2
	S26 M5X12	16
	S05 M6X12	4
	M03 M6	4
	Y7	6
	Y9	2

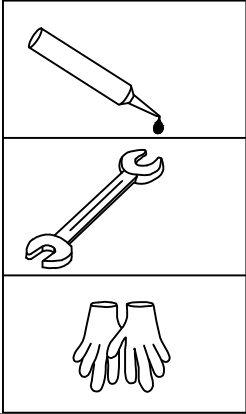
Top Assembly



After the panels and windows are in position, put some silicone sealant around to avoid leaking water.

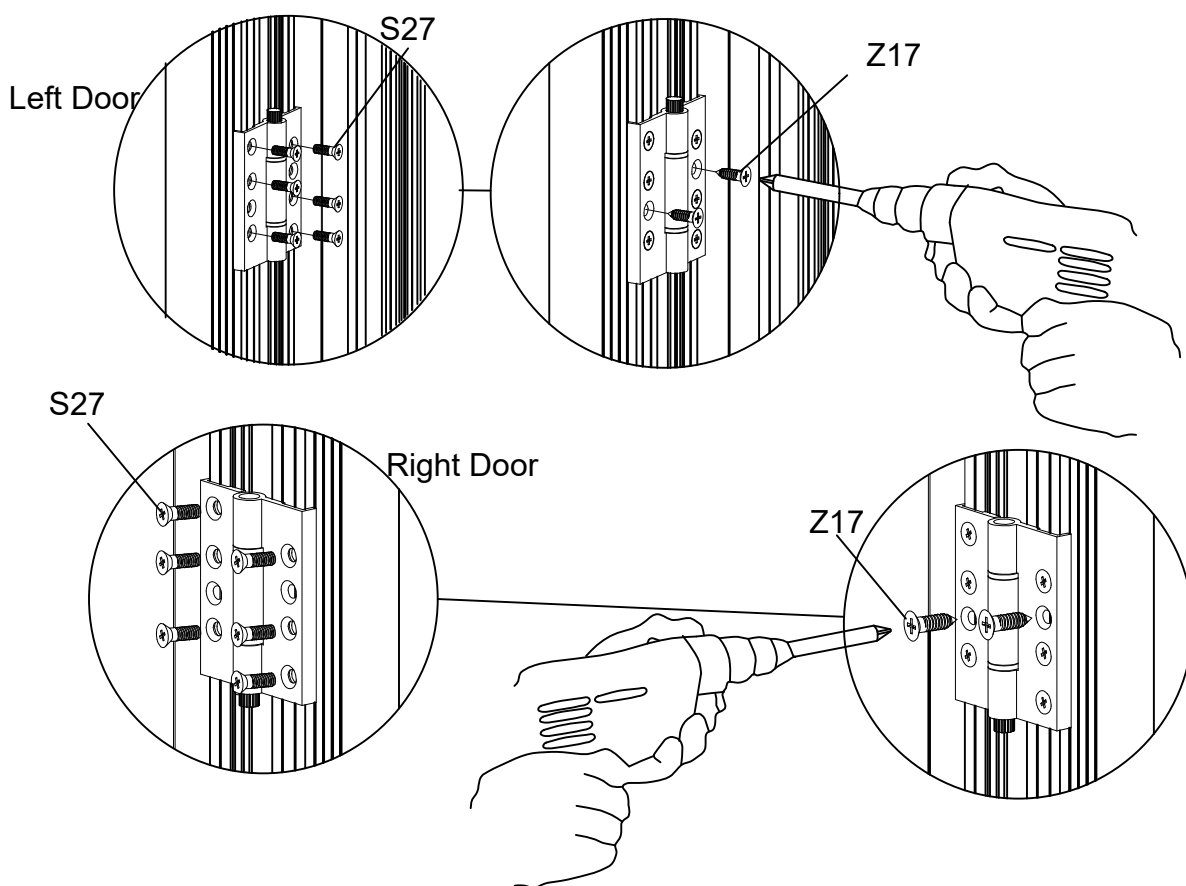
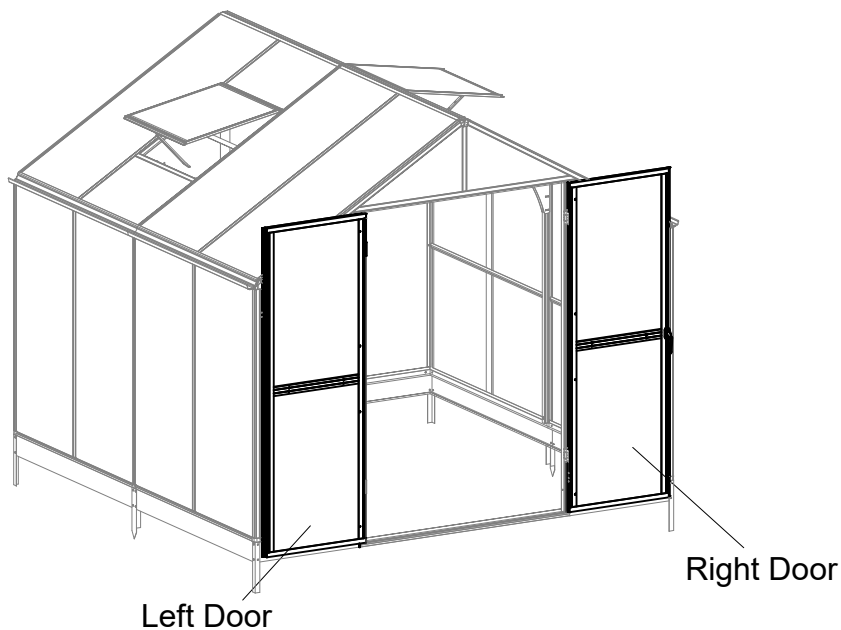


Slide 1*S05 into the bolt channel of both L09C, fix D25 to L09C using S05 & M03

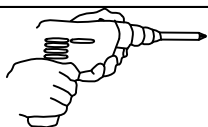


PART	NO	QTY
	D00R-L	1
	D00R-R	1
	A51	4
	Z17 M4.8X16	8
	S27 M5X12	24

Door Assembly

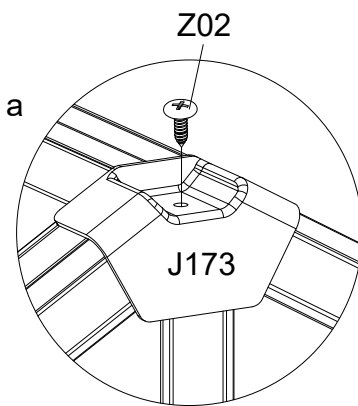
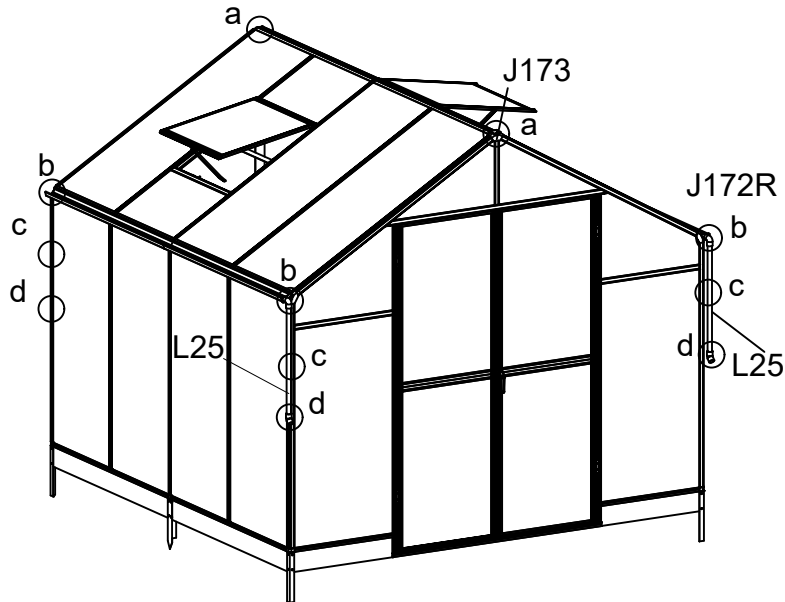


Fix A51(4 PCS) one side on the door profile and the other side to L02E/L02F using S27. Then secure with Z17.

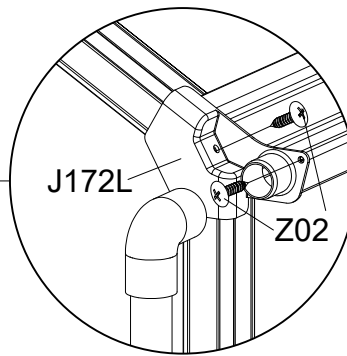
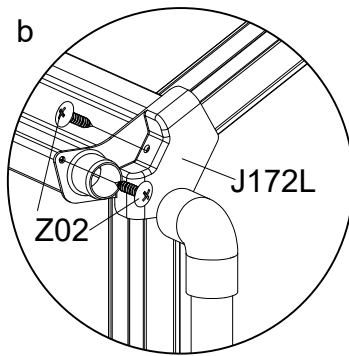


PART	NO	QTY
	J172R	2
	J172L	2
	J173	2
	J94	4
	L25	4
	J93	4
	J166	4
	Z08 M4.2X16	4
	Z02 Ø4X16D	10

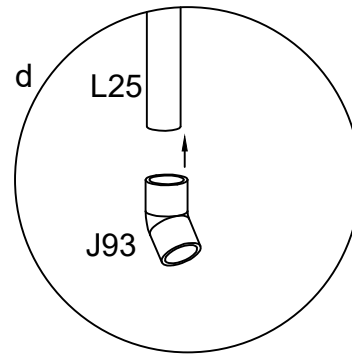
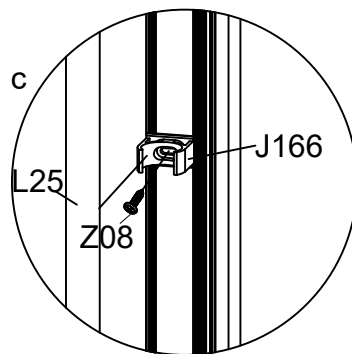
Accessories Assembly



Fix the cover caps J173 into the ridge profile

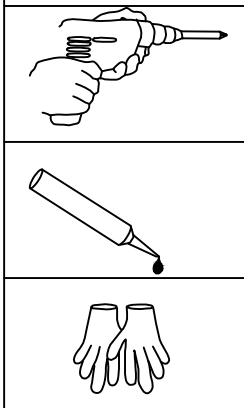


Fix the cover caps (J172L/R) carefully with Z02. Be careful to ensure that the screws are driven in straight and in the correct position (see detail drawings).



Drill a hole in L01A/L01B, approximately 3mm diameter and 400mm down from the gutter. Fix the J166 downpipe bracket with Z08 screws and then clip the L25 downpipe into the J166 bracket.

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



WARRANTY INFORMATION:

Please refer to our website for detailed warranty conditions and coverage. For the most up-to-date and comprehensive warranty information, visit www.tmgindustrial.com