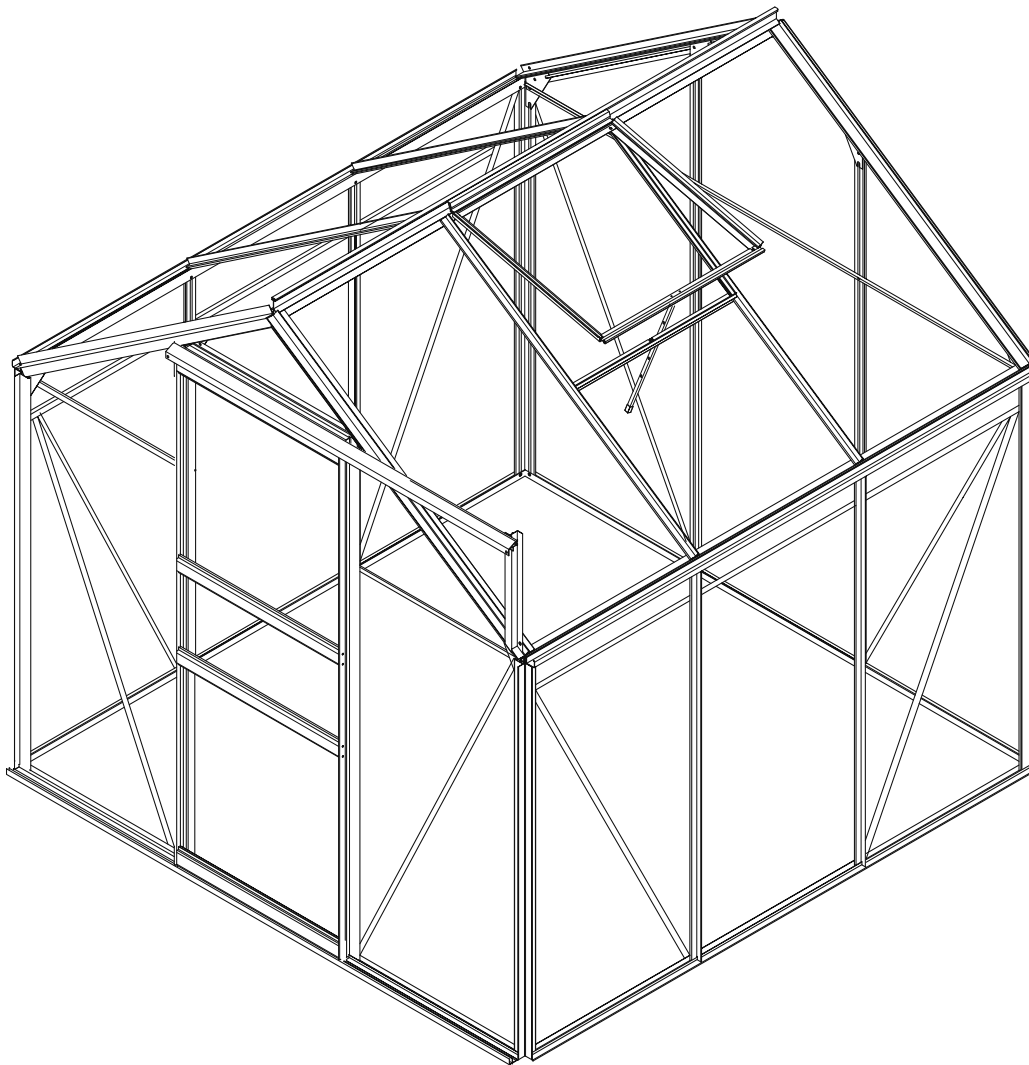




www.kshbrands.com
support@www.kshbrands.com

OGAL-666A

GREENHOUSE ASSEMBLY INSTRUCTIONS



1.888.965.3331

TO PREVENT INJURY, PLEASE READ AND UNDERSTAND THE GREENHOUSE ASSEMBLY INSTRUCTIONS MANUAL BEFORE USE.

Notes:

1. Around 2-3 hours is needed to assemble the greenhouse by 2-3 individuals.
2. The UV-protected side of the panel sheets is covered with opal white film and must be placed facing the sun.
3. Before installing the sheets, remove around 2 inches of film from all the edges. Once the construction is completed, remove the the entire film immediately.
4. Ensure that the greenhouse is located on a flat and level surface.

GENERAL SAFETY, WARNINGS AND PRECAUTIONS

KEEP WORKING AREA CLEAN AND DRY.

Cluttered, damp or wet working areas invite injuries.

BE ALERT. Always be cautious of your actions. Use your common sense. Do not assemble the structure if you are tired or distracted. Use gloves when assembling the greenhouse.

HANDLE THIS PRODUCT WITH CARE

Keep the greenhouse clean and dry to maintain better performance. Also, regular maintenance must be done.

USE THE SUITABLE TOOLS FOR THE JOB

Do not use small tools in lieu of larger ones. Tools are not suitable for every type of work. The greenhouse is designed in order to provide better condition and safety. So, do not perform any modification on the greenhouse. Do not use it aside from its intended purpose.

MAINTAIN A SAFE WORKING ENVIRONMENT

Keep your working area clean and organized. Make sure that there is enough space for you to work on. Avoid crowded areas. Also, keep source of obstruction, grease, oil or trash far from your working zone.

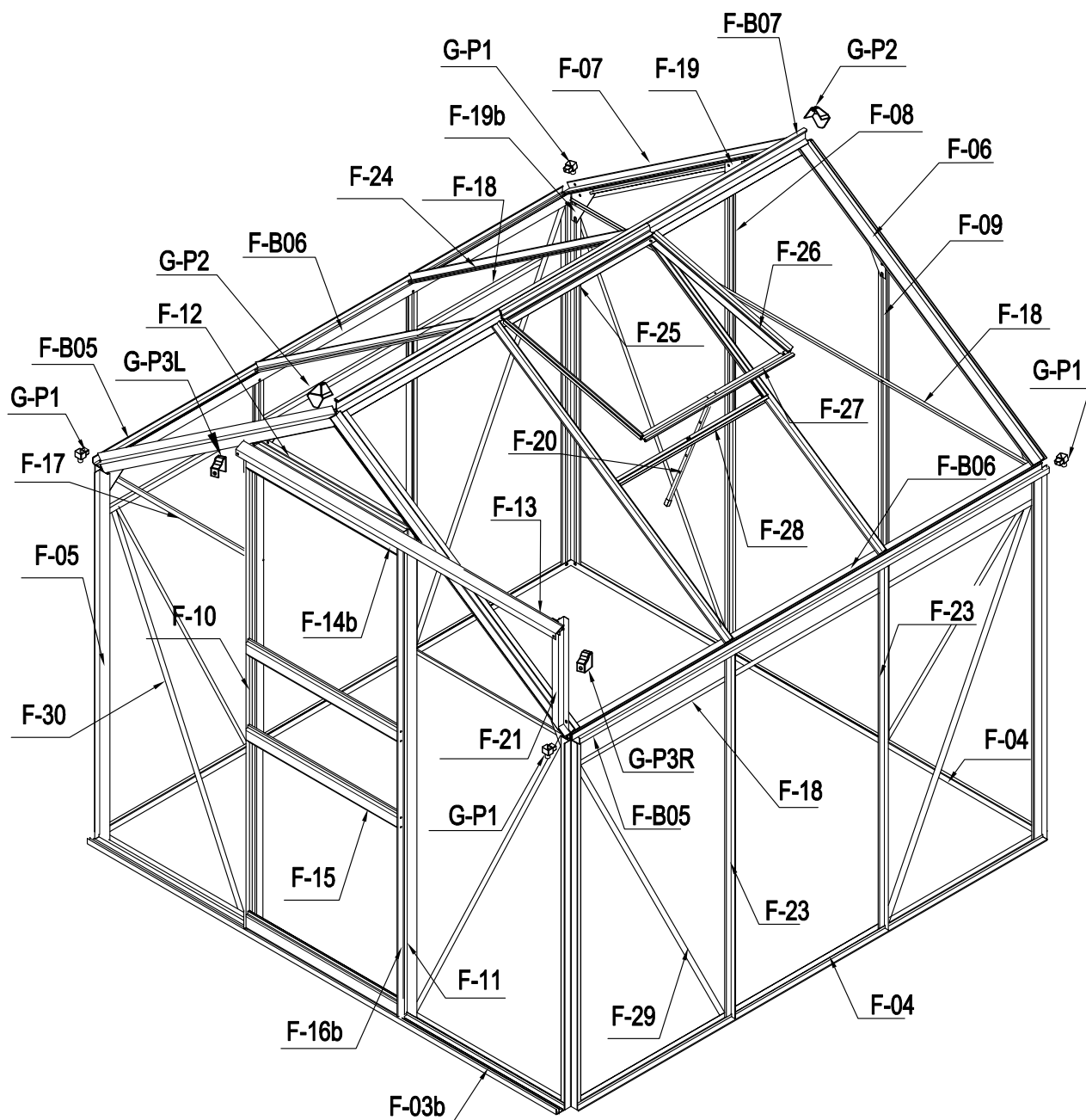
PROPER GREENHOUSE LOCATION

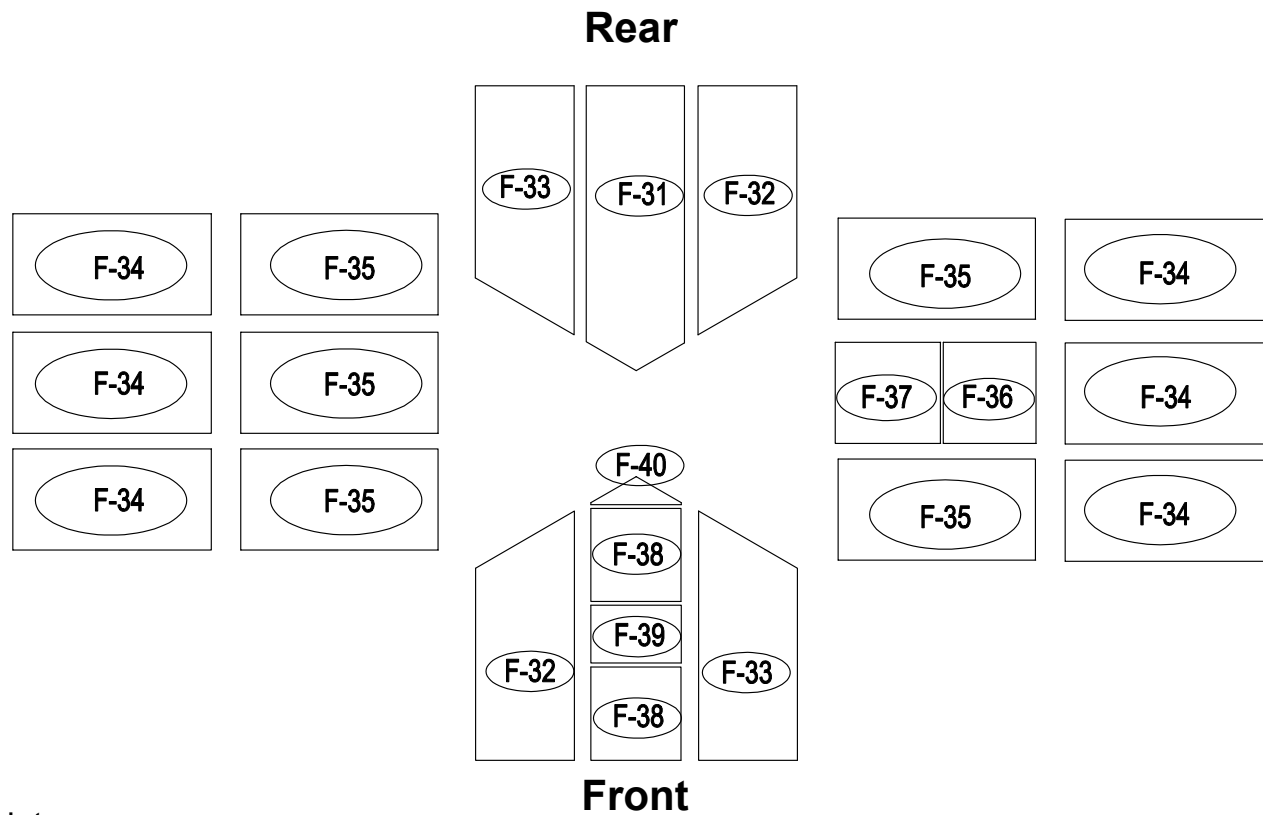
Place the greenhouse on a flat and level surface.



OGAL-666A

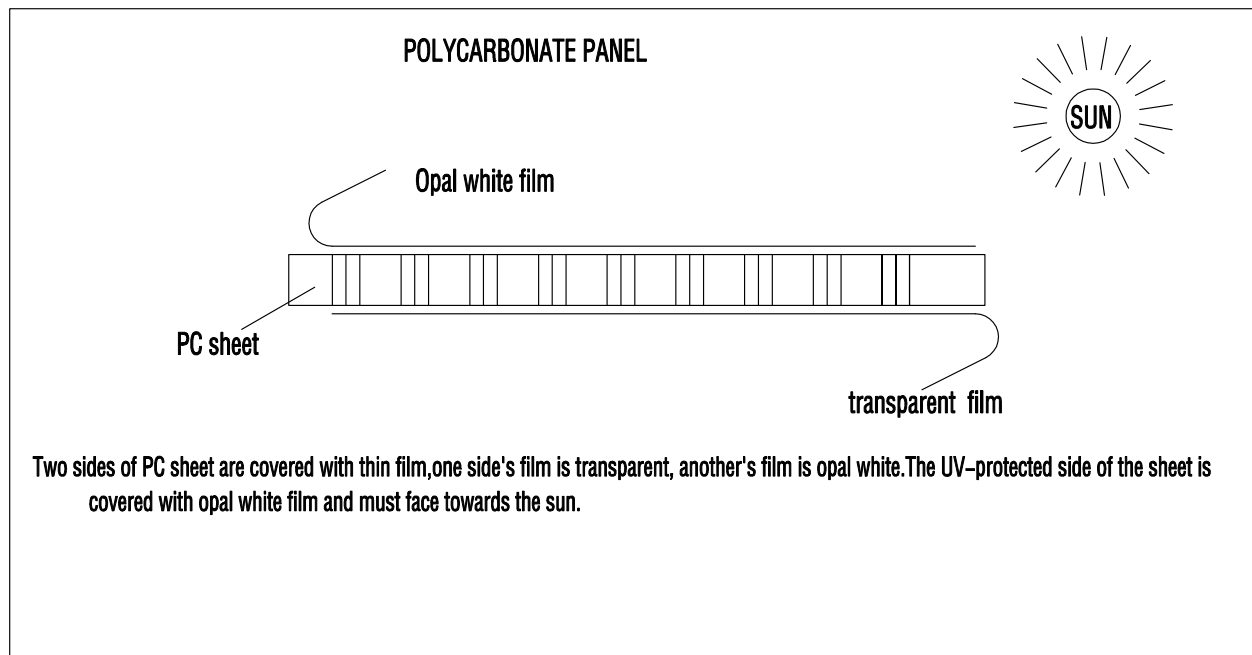
79 inches x 76 inches x 75 inches
















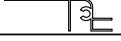
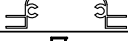



























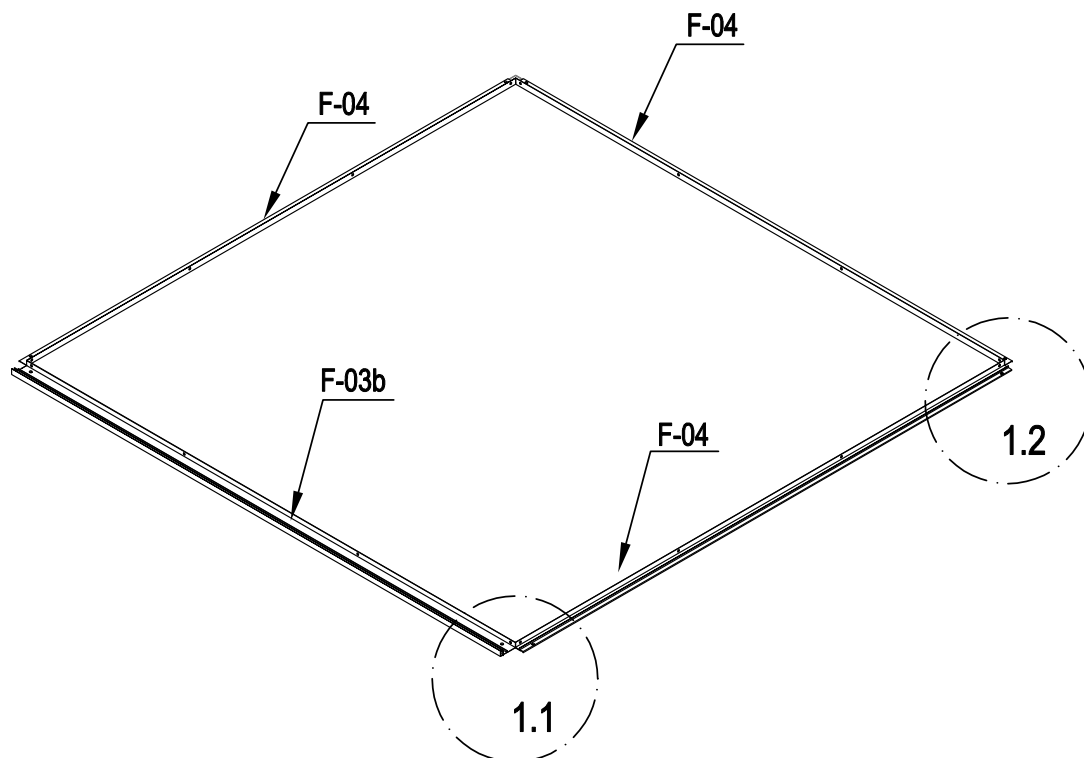
Notes:

1. Remove approximately 2 inches of film from all the sheet edges prior to installation. Upon completion, immediately remove all the remaining film.
2. The UV-protected side of the sheet, which is covered with opal white film, must face the sun.

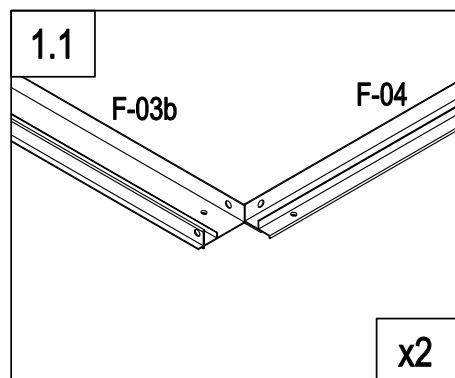


PARTS LIST

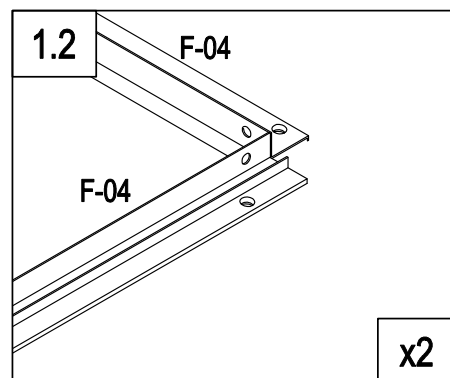
BASE				WINDOW			
IMAGE	NO.	L.	QTY	IMAGE	NO.	L.	QTY
	F-03b	1833	1		F-20	360	1
	F-04	1833	3		F-25	580	1
					F-26	550	2
WALL AND ROOF					F-27	580	1
IMAGE	NO.	L.	QTY		F-28	620	1
	F-05	1240	4		F-37	577x583	1
	F-06	1105	2				
	F-07	1105	2	DOOR			
	F-08	1650	1	IMAGE	NO.	L.	QTY
	F-09	1650	1		F-12	572.5	1
	F-23	1240	4		F-13	1240	1
	F-24	1100	4		F-14b	600	2
	F-10	1644	1		F-15	600	2
	F-11	1644	1		F-16b	1615	2
	F-B05	1836	2		F-21	376	1
	F-B06	1833	2		F-22b		4
	F-17	618	2		F-38	590x598	2
	F-18	1815	3		F-39	251x598	1
	F-29	1360	4				
	F-30	1328	4	PLASTIC			
	F-B07	1833	1	IMAGE	NO.	L.	QTY
	F-31	1850x585	1		G-P1		4
	F-32	1644x585	2		G-P2		2
	F-33	1644x585	2		G-P3L		1
	F-34	1238x585	6		G-P3R		1
	F-35	1110x585	5				
	F-36	540x585	1				
	F-40		1				
	F-19		4				
	F-19b		4				
SCREW							
IMAGE	NO.	L.	QTY				
	F-B14		108				
ST4x10 	F-B15a		12				
ST4x8 	F-B16		6				





1.1 Create a right angle by positioning the parts of F-03b and F-04. However, make sure that the grooves of F-03b and F-04 are placed outside.

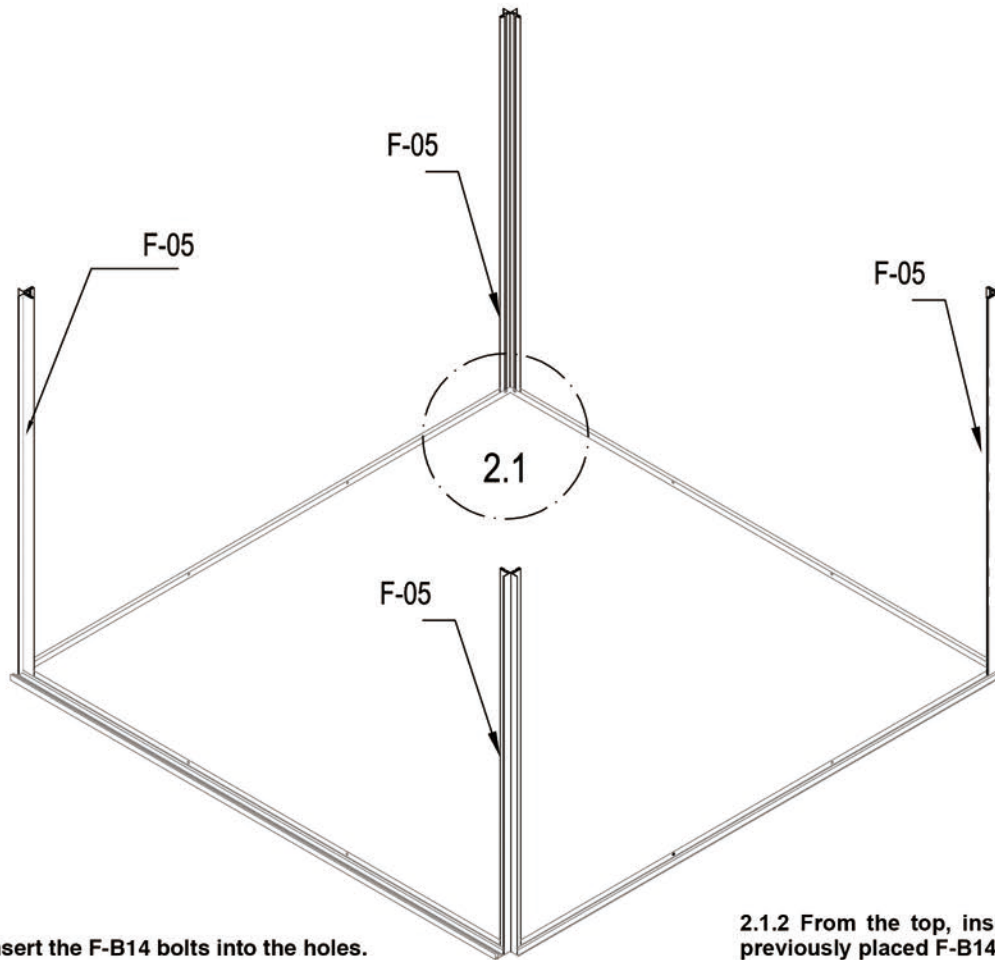


1.2 Form a right angle using two F-04 parts, but ensure that the edges of these pieces are located on the outside.

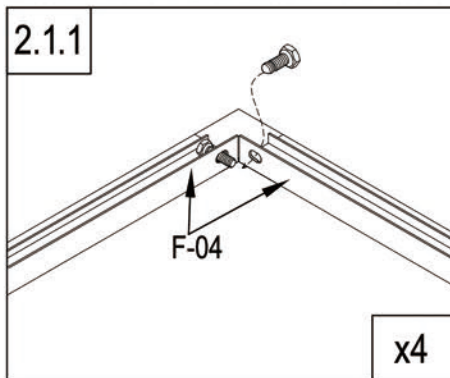


These are the parts used in this section.

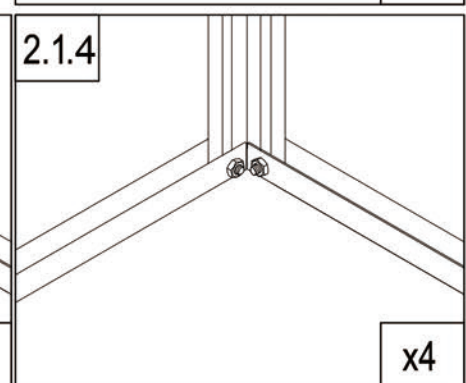
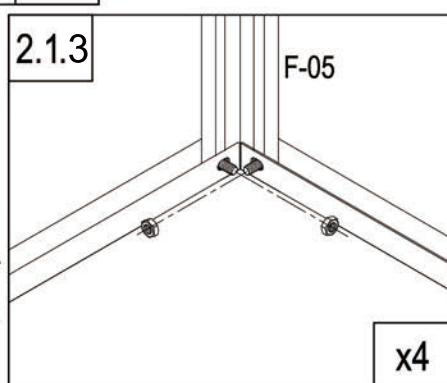
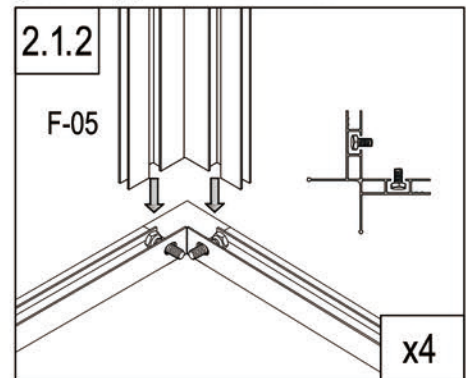
Image	Item No.	Qty
	F-04	3
	F-03b	1





2.1.1 Insert the F-B14 bolts into the holes.



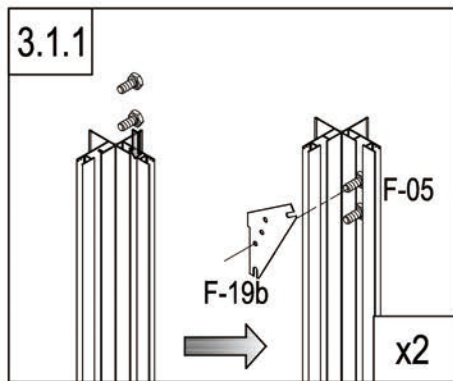
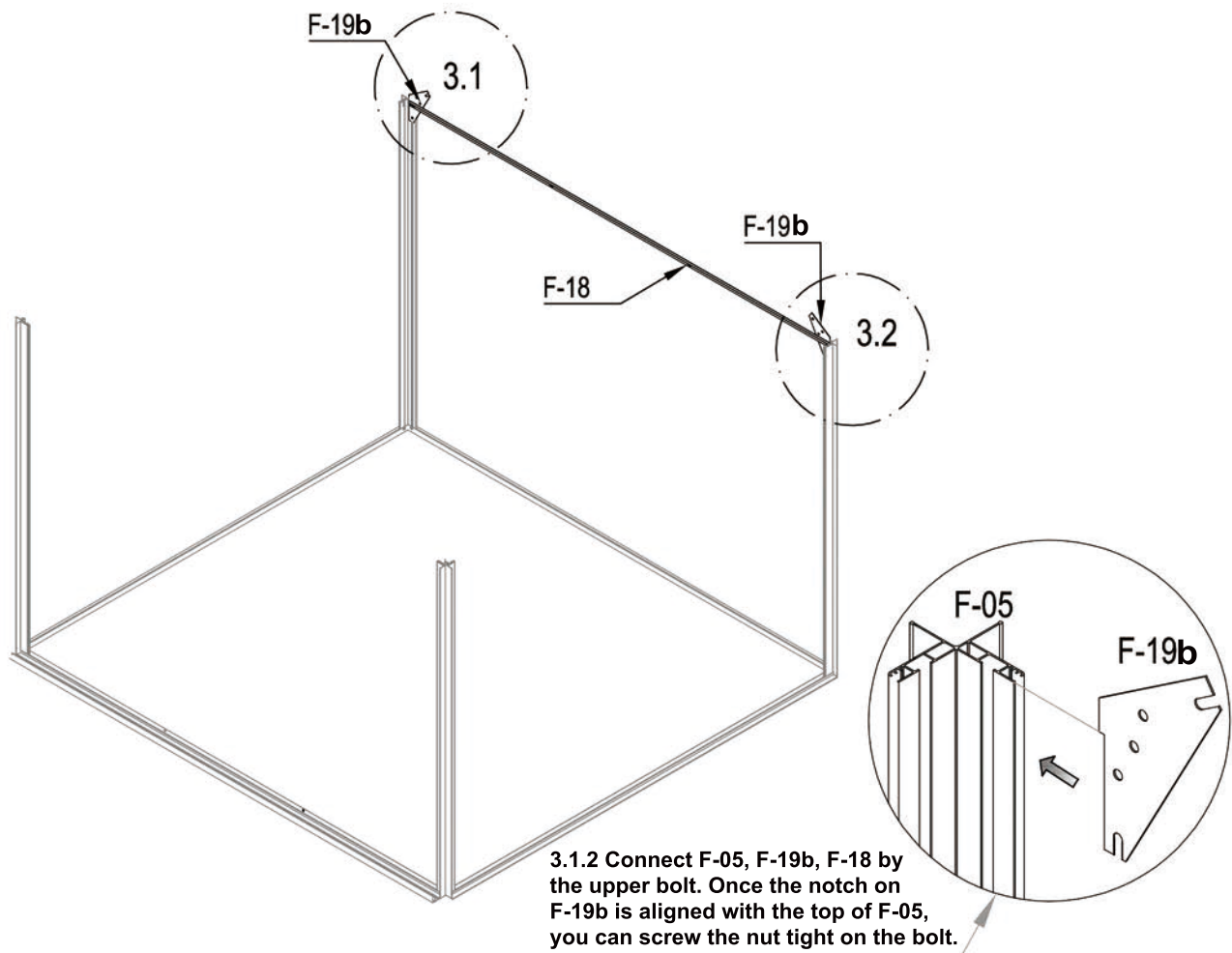
2.1.2 From the top, insert F-05 into the previously placed F-B14 bolts.



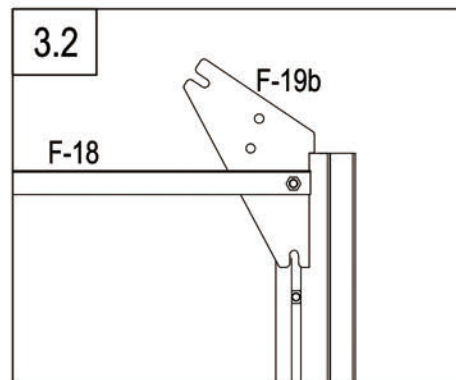
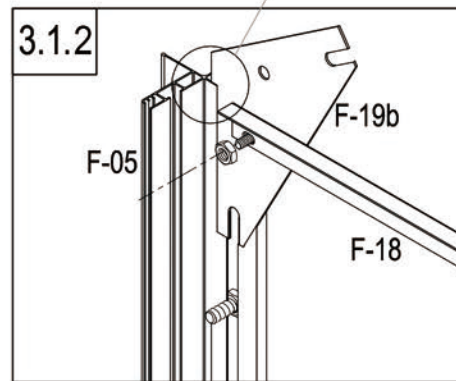
These are the parts used in this section.

Image	Item No.	Qty
	F-05	4
	F-B14	8

2.1.3 and 2.1.4 Tighten and secure with nuts.






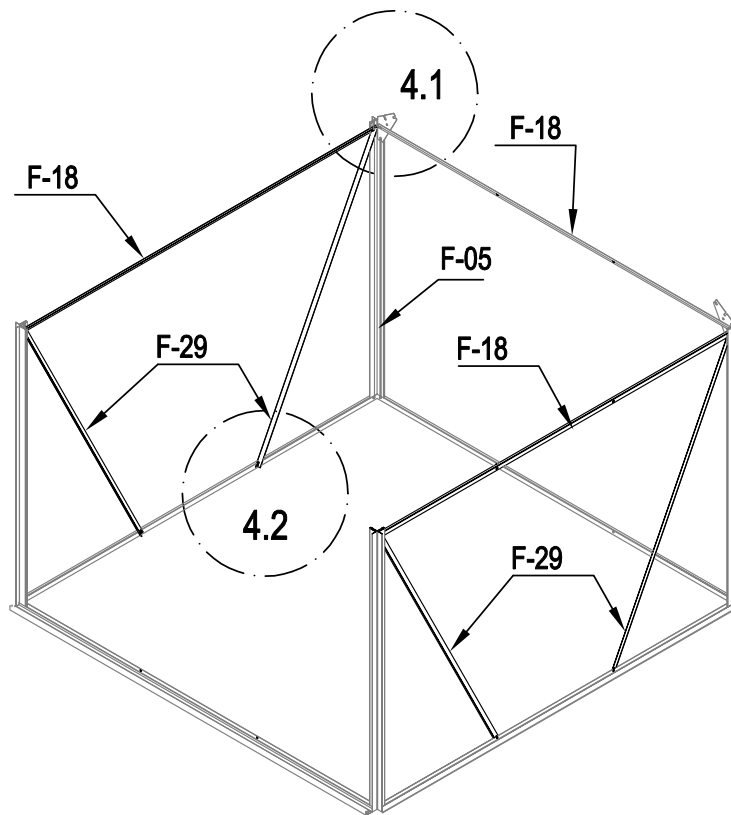
3.1.1 Insert two bolts into F-05 and cross its upper bolt to the lowest hole of F-19b.



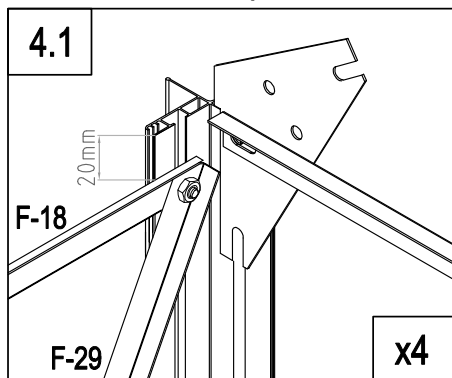
3.2 Follow the same process performed in figure 3.1.

These are the parts used in this section.

Image	Item No.	Qty
	F-18	1
	F-19b	2
	F-B14	4

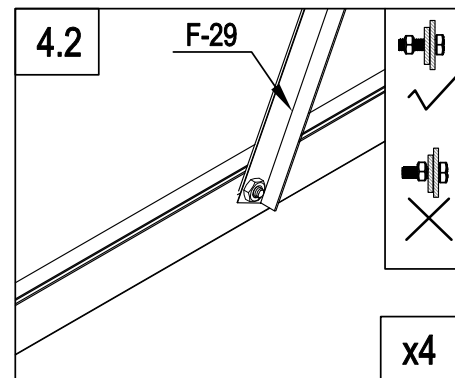


4.1 Connect F-18 and F-29 to F-05 using bolts and nuts. When connecting these pieces, maintain a 3/4 of an inch distance from the bolts to the top of F-05.



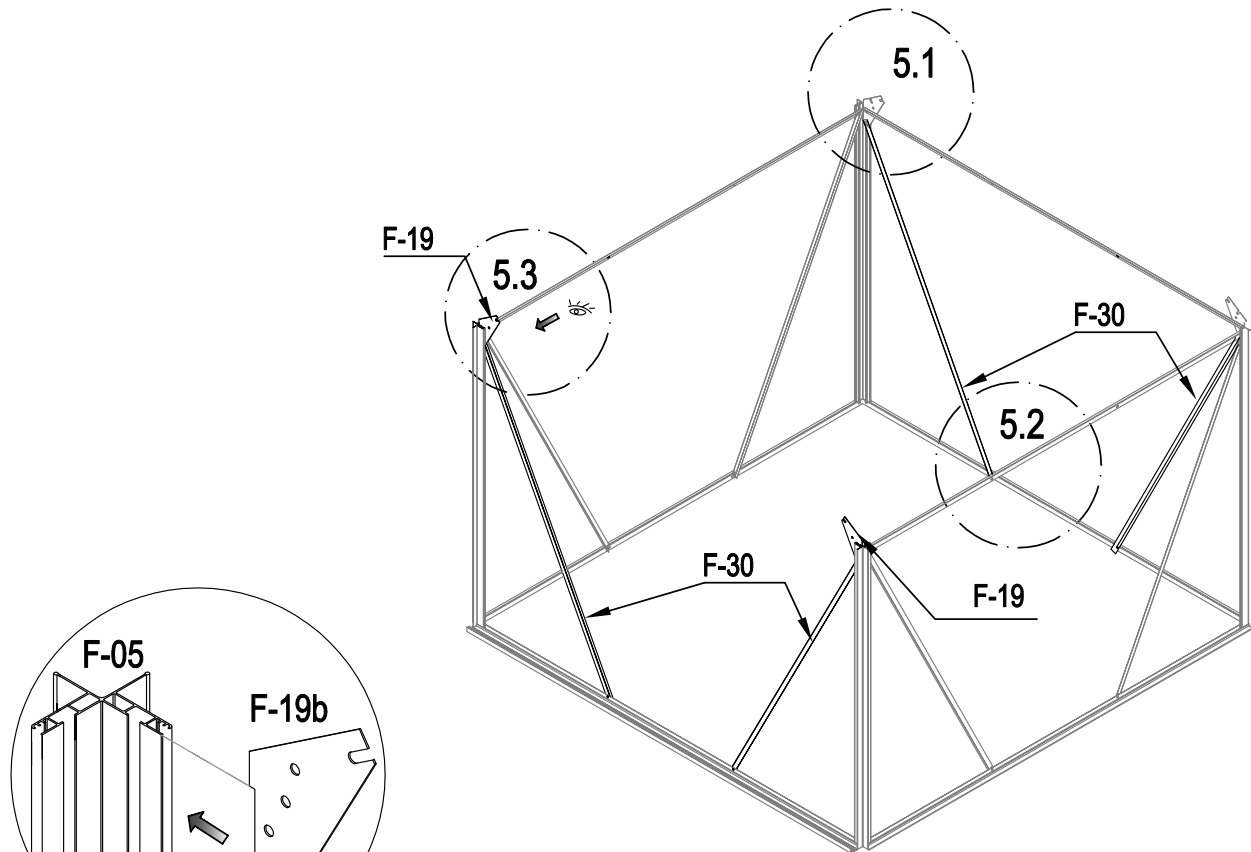
4.2 Using bolts and nuts, connect F-29 to F-04.

NOTE: Do not tighten the nuts yet.



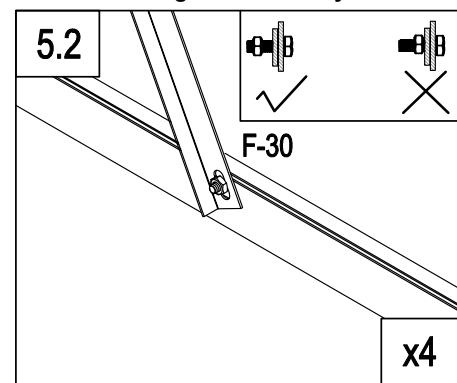
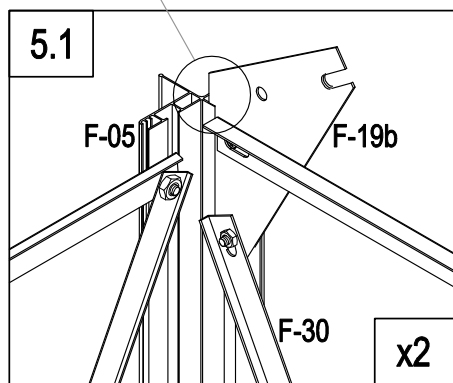
These are the parts used in this section.

Image	Item No.	Qty
	F-29	4
	F-18	2
	F-B14	8



5.1 Connect F-30 and F-05 to the lowest notch of F-19b using bolts and nuts.
NOTE: Align the top of F-05 with the notch of F-19b.

5.2 Using bolts and nuts, connect F-30 to F-04.
NOTE: Do not tighten the nuts yet.

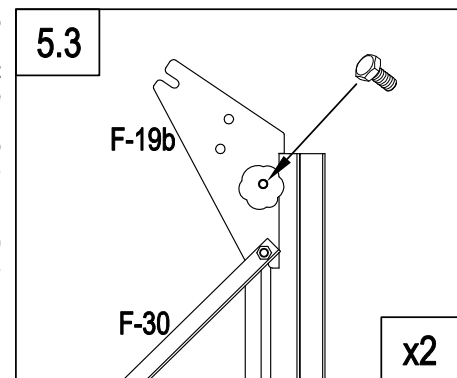


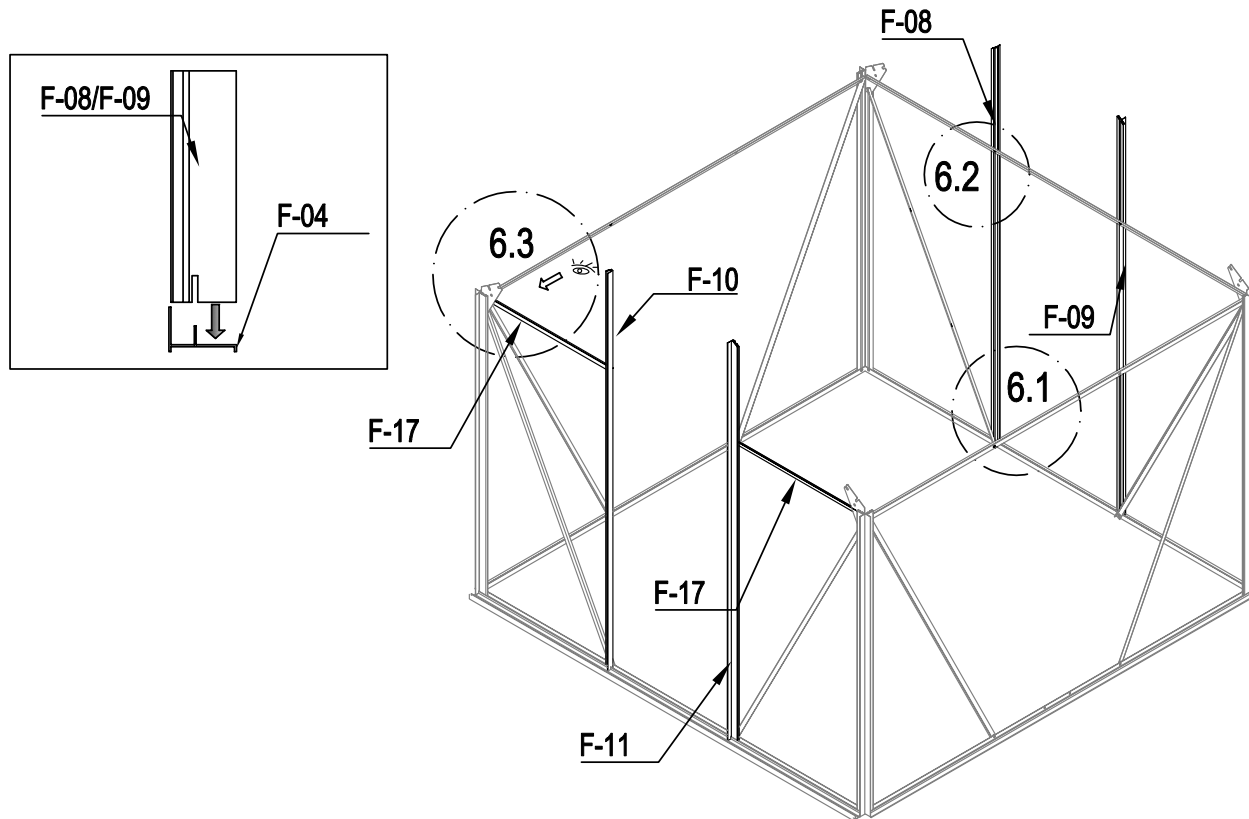
These are the parts used in this section.

Image	Item No.	Qty
	F-30	4
	F-19b	2
	F-B14	8

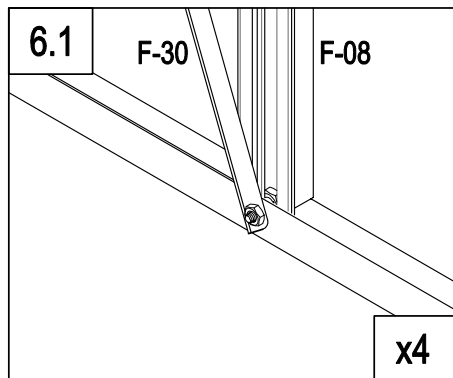
5.3 Insert two bolts into F-05, then, connect F-30 and F-05 to the lowest notch of F-19b using the lower bolt and nut. next, insert the above bolt to the remaining lower hole of F-19b.

NOTE: The notch of F-19 must be aligned with the top of F-05.

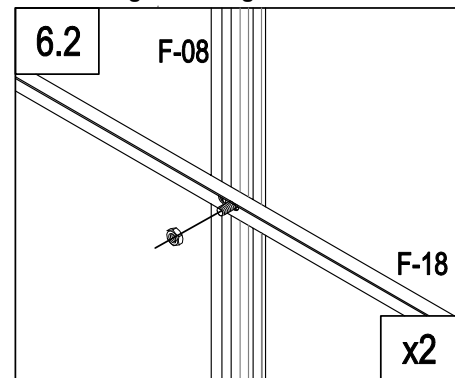




6.1 Insert F-08, F-09, F-10 and F-11 into the bolt and secure it with nuts.



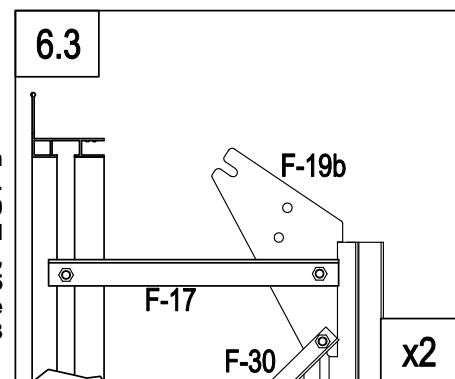
6.2 Individually insert one bolt into F-08 and F-09. Then, connect F-18 to F-08 and F-09 and tighten using bolts and nuts.

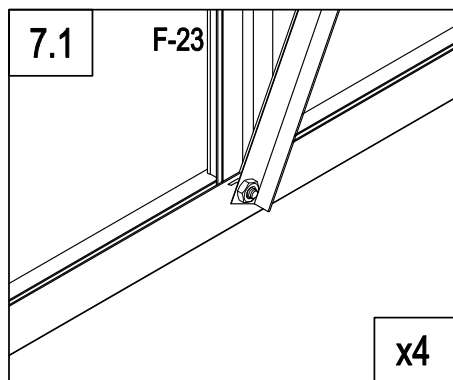
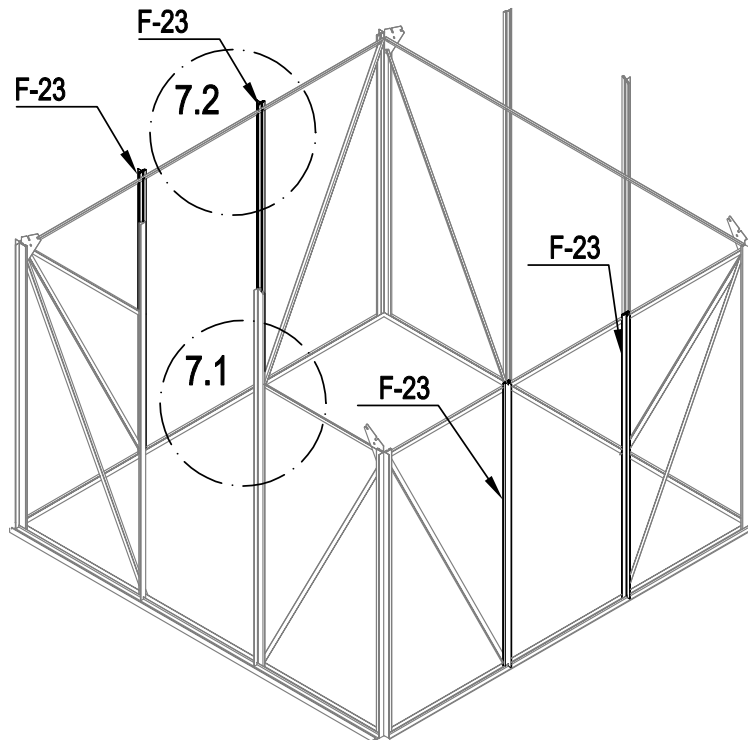
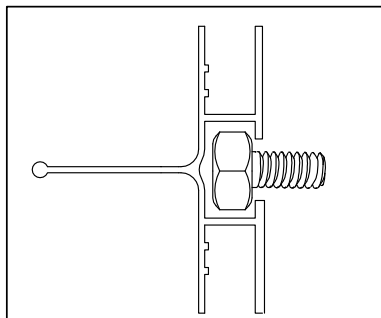
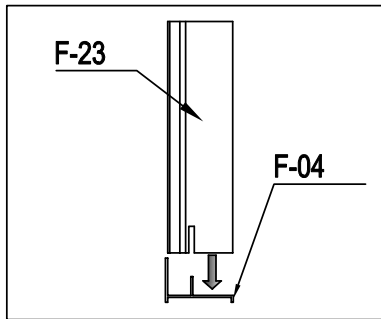


These are the parts used in this section.

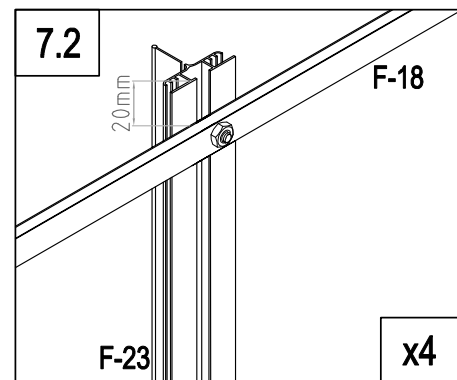
Image	Item No.	Qty
	F-08	1
	F-09	1
	F-10	1
	F-11	1
	F-17	2
	F-B14	4

6.3 Insert one bolt each into F-10 and F-11. Connect F-17 to F-10 and F-11 with bolts and nuts. Afterwards, connect F-17 to F-05 through the hole mentioned in step 5.3 using a bolt and nut.





7.1 Connect F-23 to F-04 with a tightened nut and bolt.

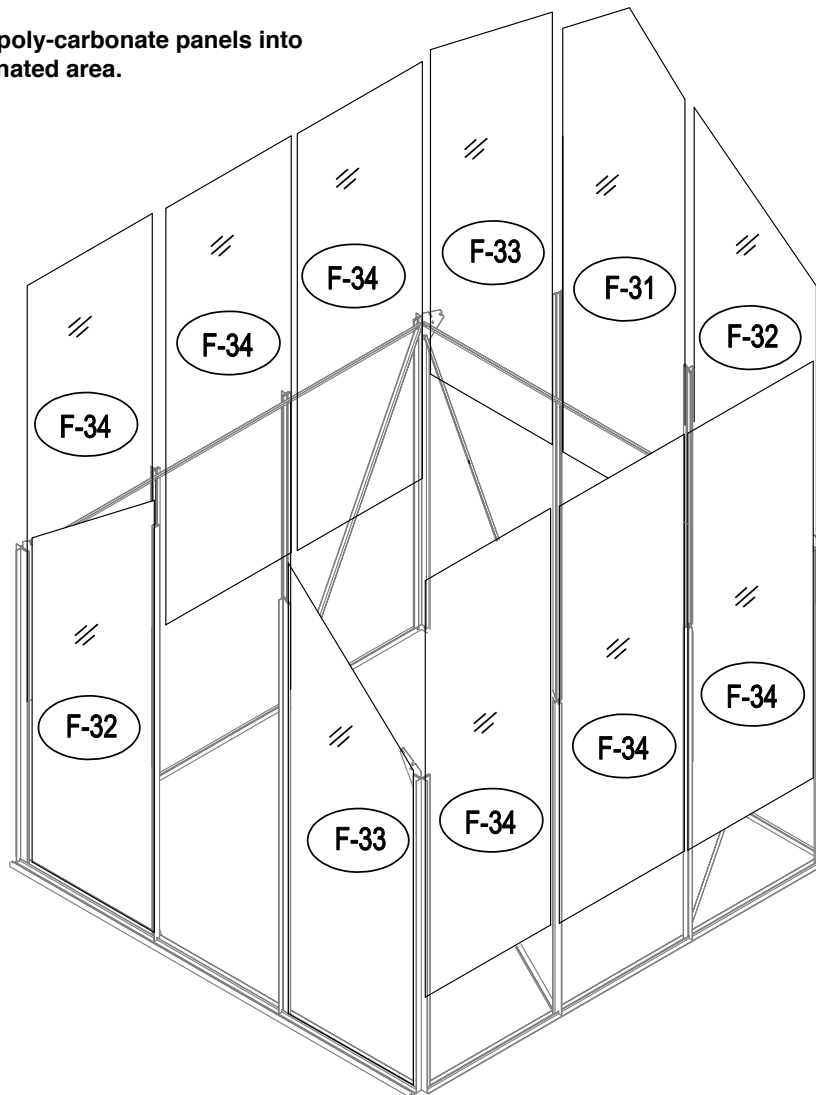


7.2 Slide a bolt into the slit in F-23, and perpendicularly attach F-18 through the designated hole. Tighten the nut.

These are the parts used in this section.

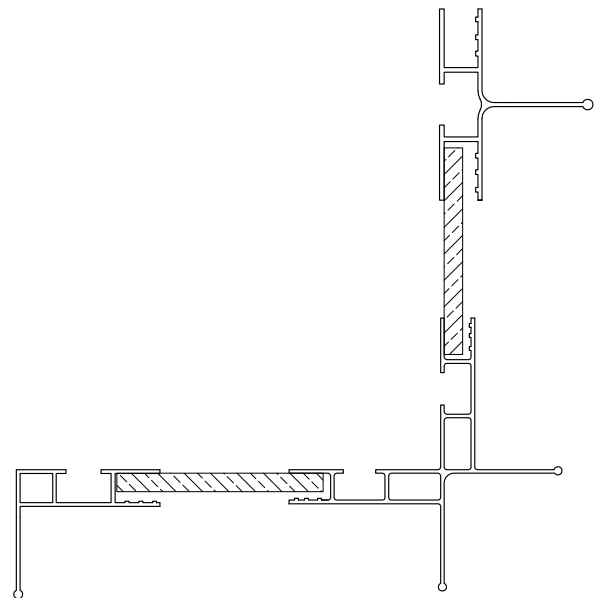
Image	Item No.	Qty
	F-23	4
	F-B14	4

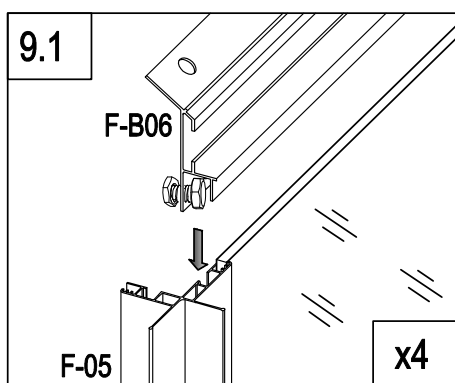
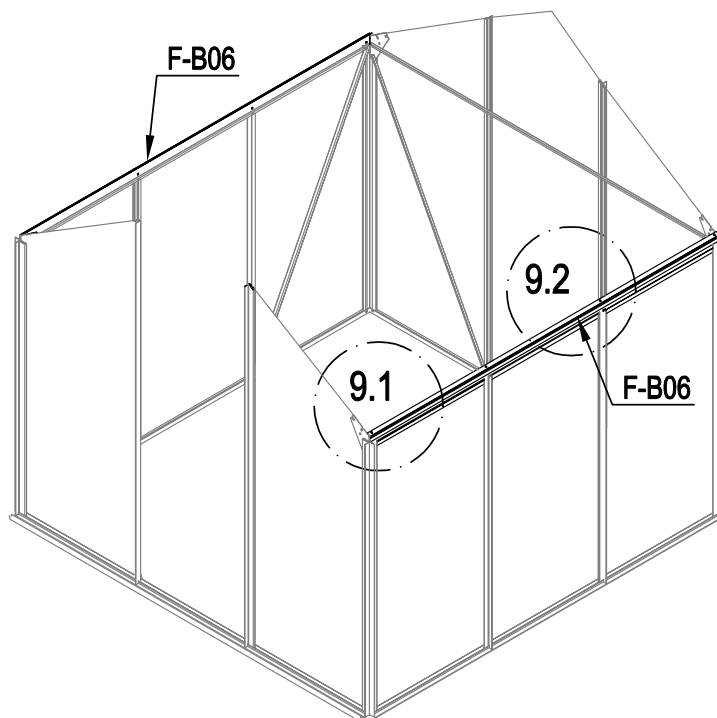
Slide the poly-carbonate panels into the designated area.



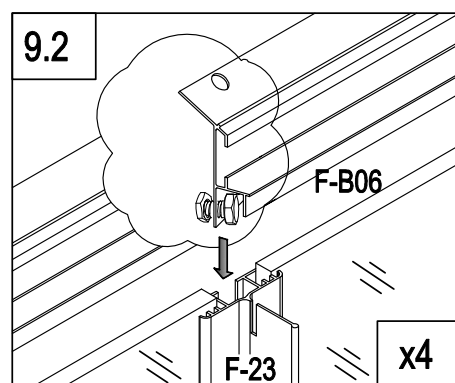
These are the parts used in this section.

Image	Item No.	Qty
	F-31	1
	F-32	2
	F-33	2
	F-34	6





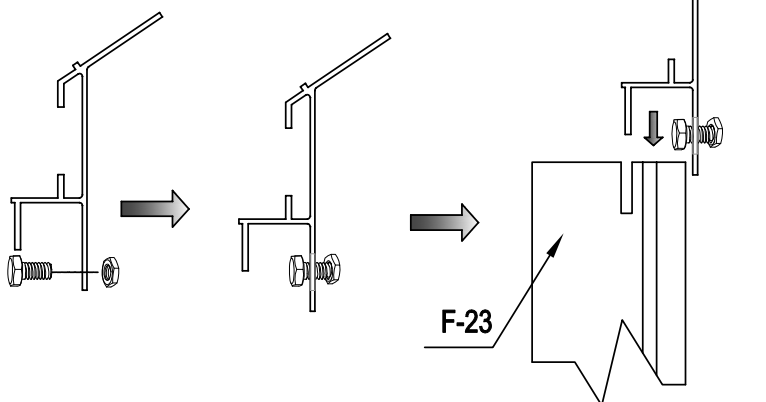
9.1 Insert the bolts and nuts in each hole of F-B06, but do not tighten the nuts yet. Then, insert the bolts into the grooves of F-05.

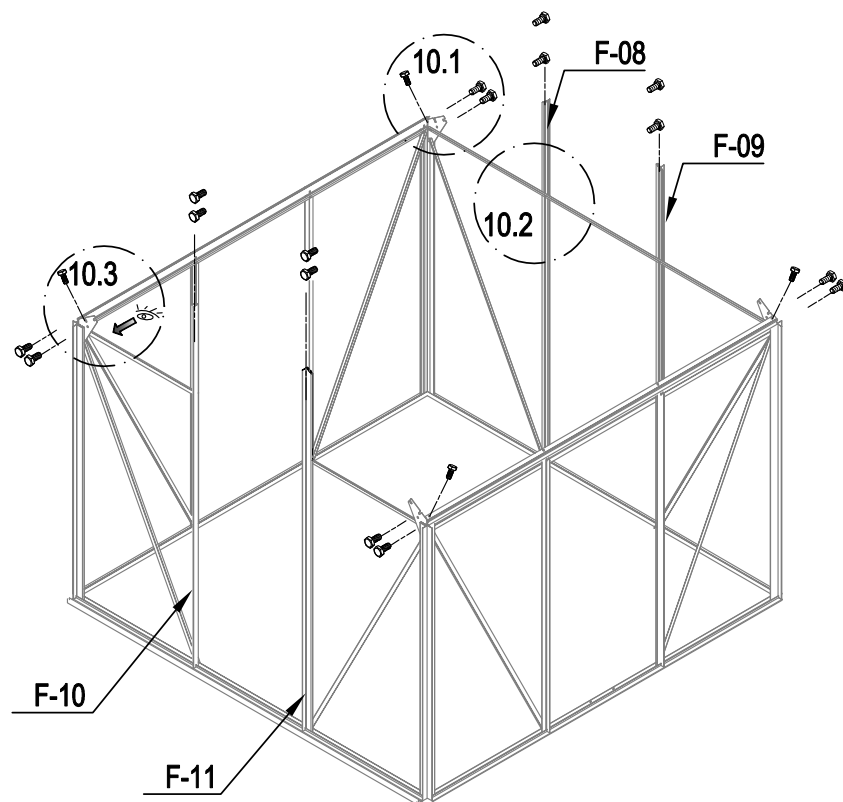


9.2 Insert the bolts into the grooves of F-23.

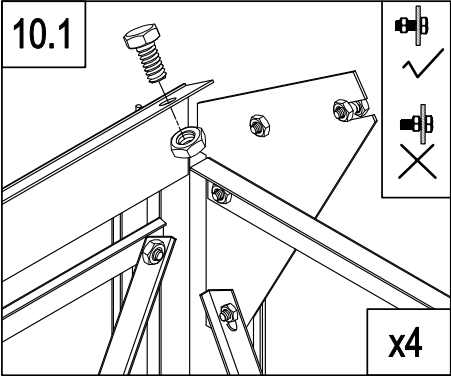
These are the parts used in this section.

Image	Item No.	Qty
	F-B06	2
	F-B14	8

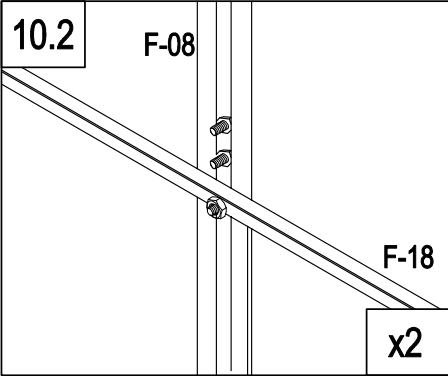




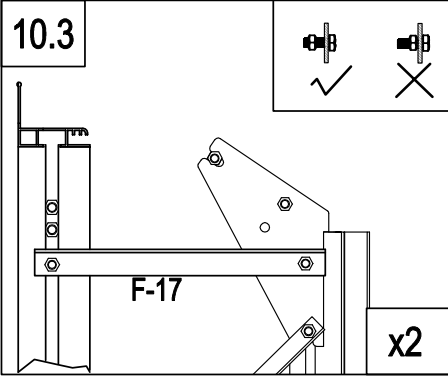
10.1 Place the bolt and nut into the hole of F-B06, but do not tighten the nut yet.



10.2 Insert two bolts each into F-08, F-09, F-10 and F-11.



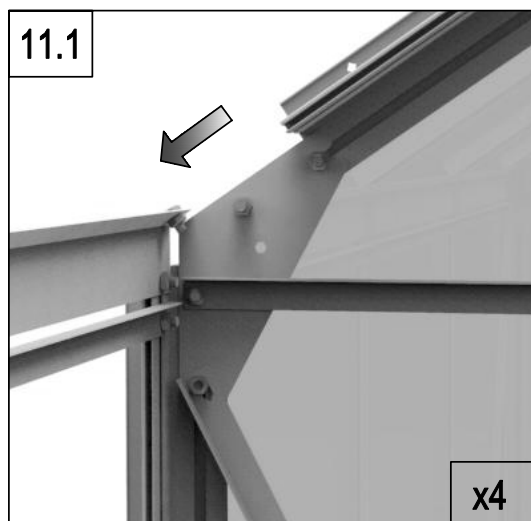
10.3 Place the bolts and nuts in the hole of F-19b as shown in the picture, but do not tighten the nuts yet.



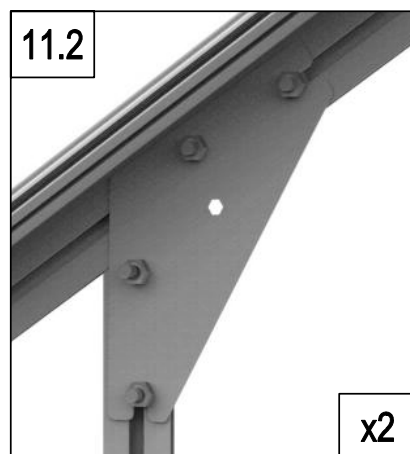
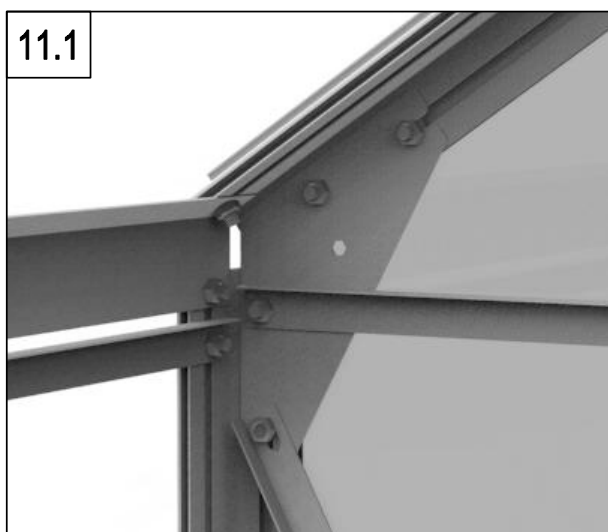
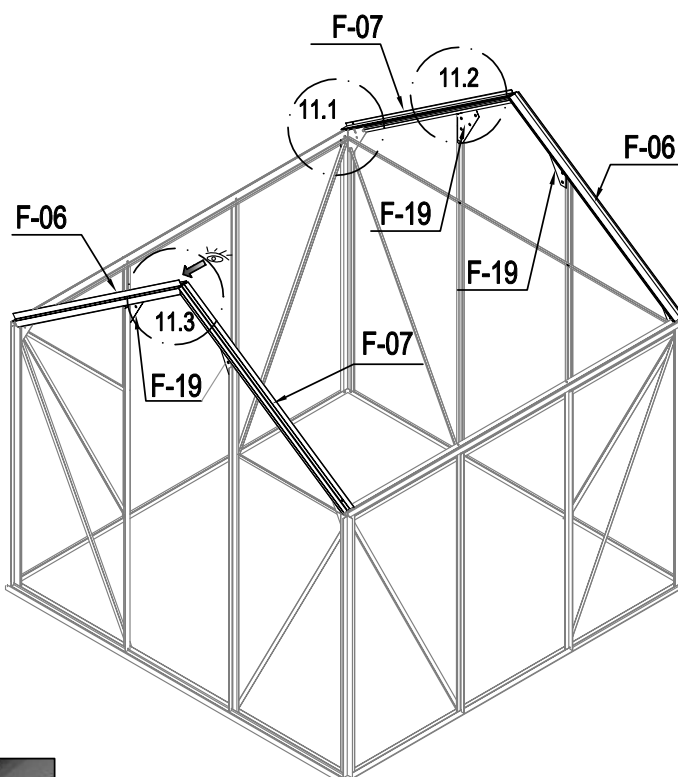
This is the part used in this section.

Image	Item No.	Qty
	F-B14	20





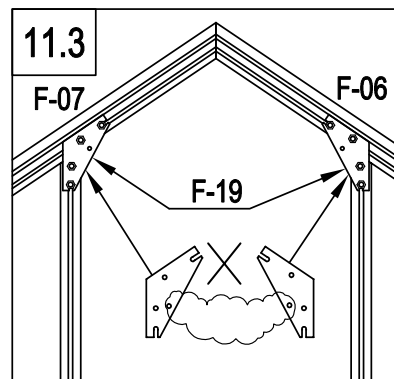
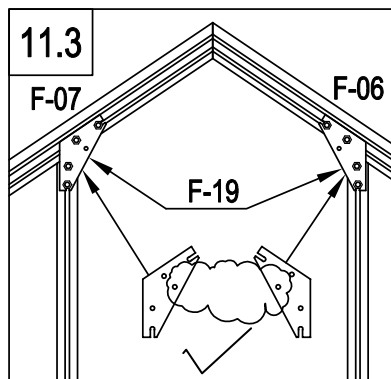
11.1 Insert F-06 and F-07 through the bolts inserted in F-19b and F-B06. then, tighten the nuts.



11.2 Slide the bolts which were inserted through F-08 and F-09 through the holes in F-19 as shown.

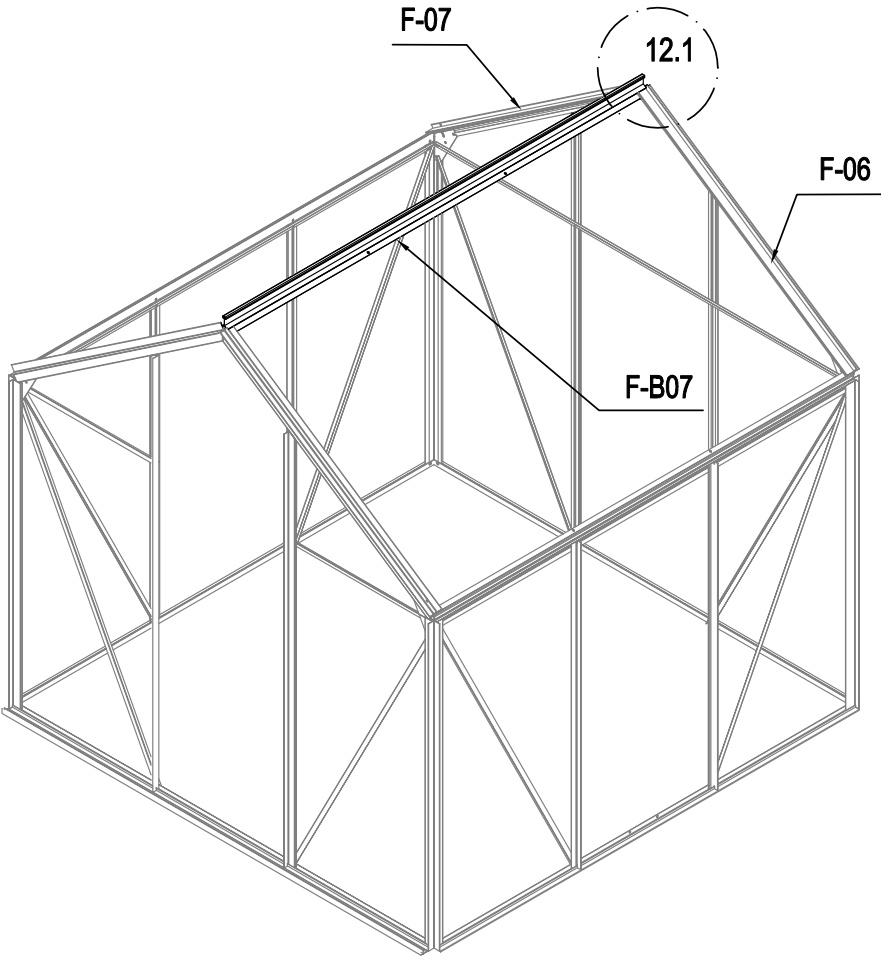
These are the parts used in this section.

Image	Item No.	Qty
	F-06	2
	F-07	2
	F-19	4
	F-B14	8

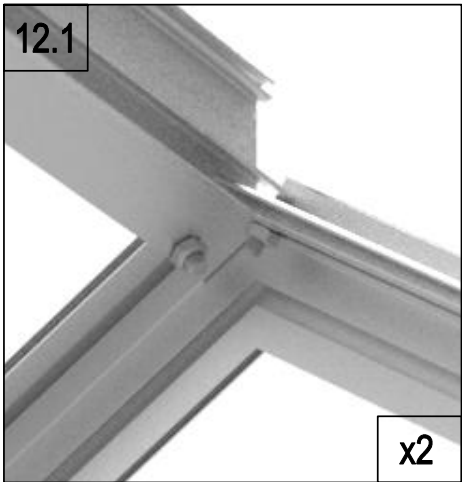
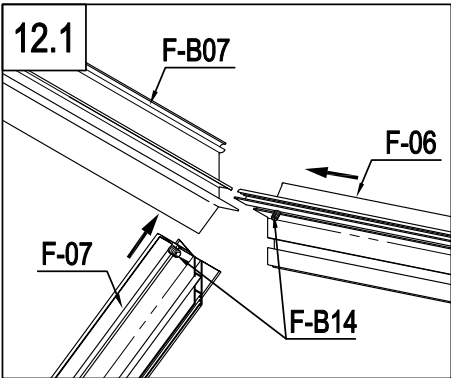


11.3 Insert two bolts into the grooves of F-06 and F-07, then, cross the bolts into the hole of F-19 and tighten.

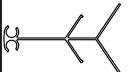
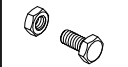
NOTE: The side with 3 holes must be upward as correctly shown in 11.3 (left).



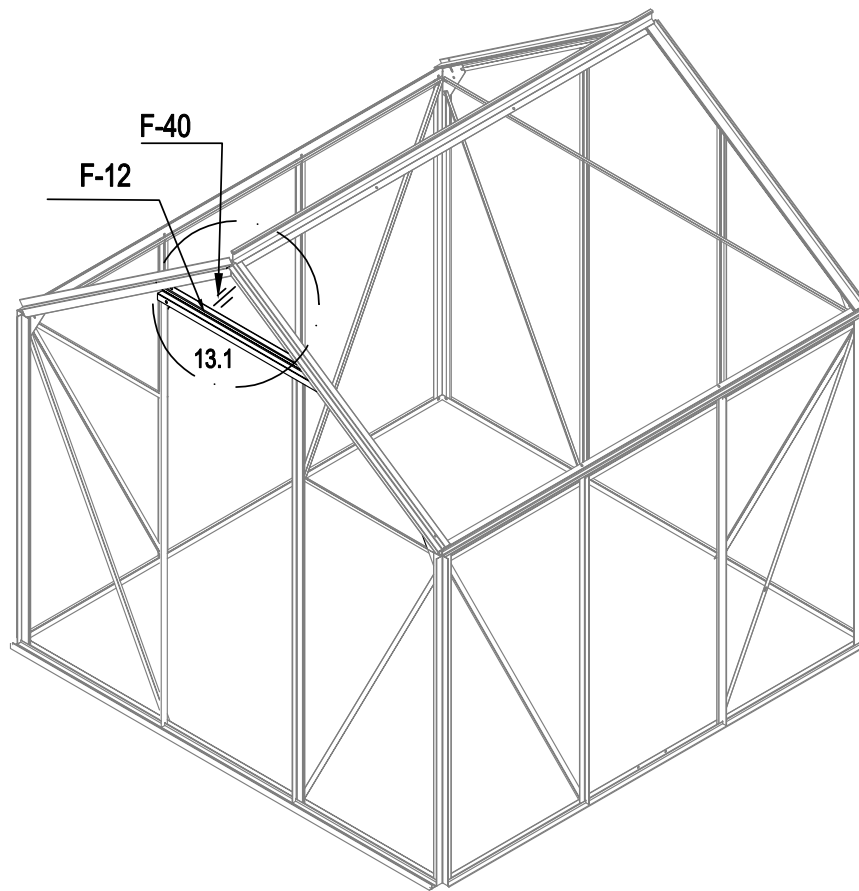
12.1 Insert one bolt into F-06 and F-07, then insert into the hole of F-B07.



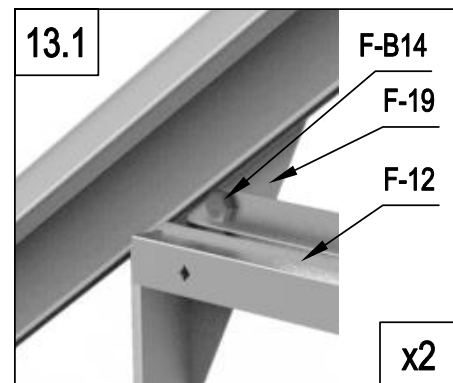
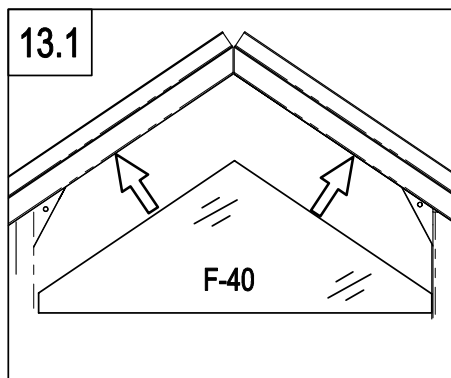
These are the parts used in this section.

Image	Item No.	Qty
	F-B07	1
	F-B14	4



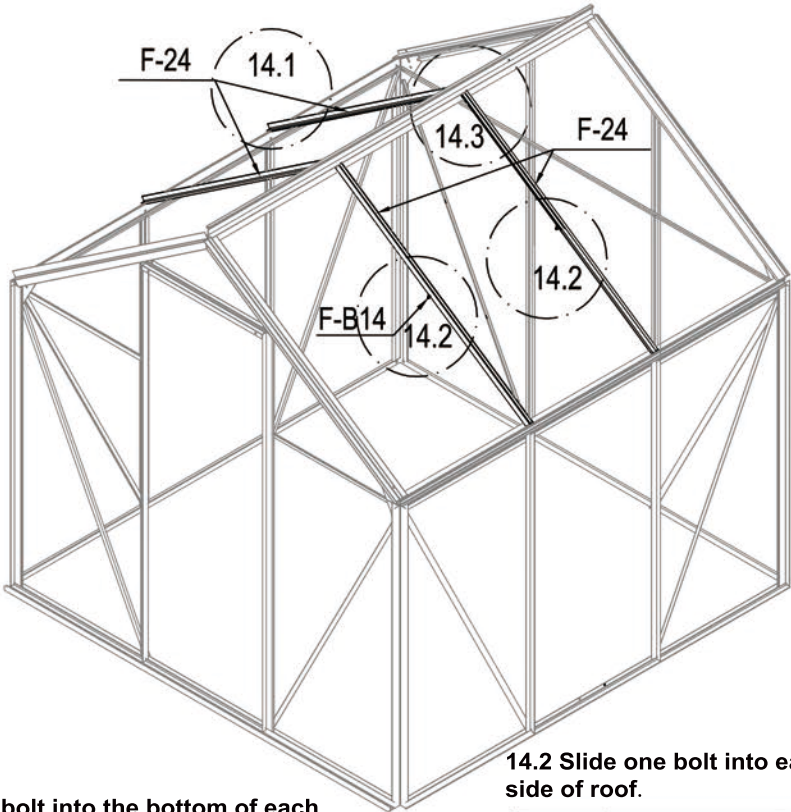


13.1 Insert F-40 to F-06 and F-07. Afterwards, connect F-12 to F-19 using a bolt and nut.

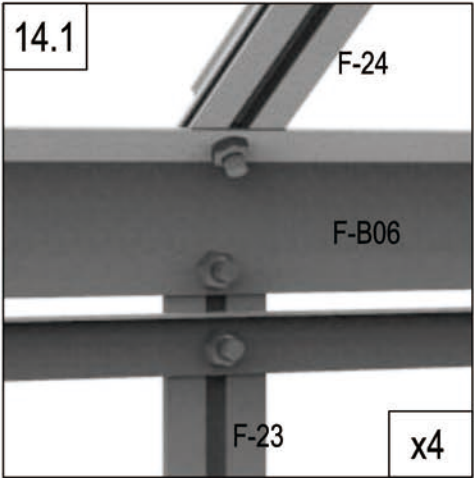


These are the parts used in this section.

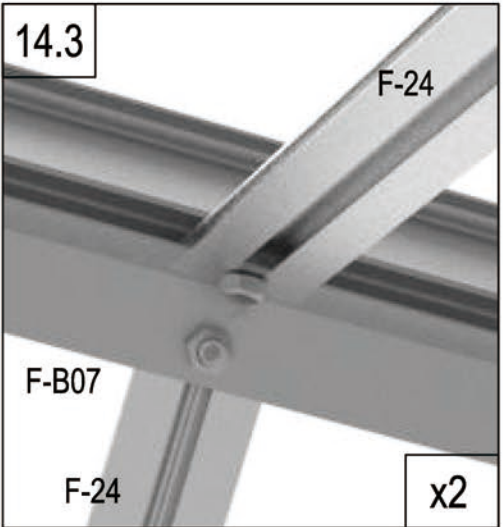
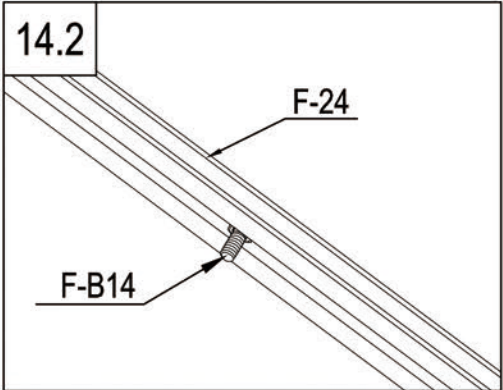
Image	Item No.	Qty
	F-12	1
	F-40	1
	F-B14	2





14.1 Slide one bolt into the bottom of each of the four F-24 frames, and connect two to each F-B06 frames at the top of the left and right walls.



14.2 Slide one bolt into each F-24 in the right side of roof.



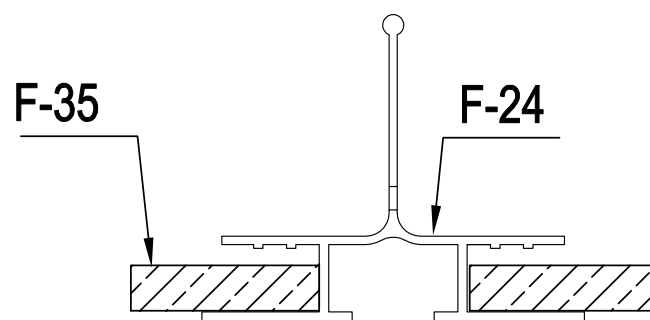
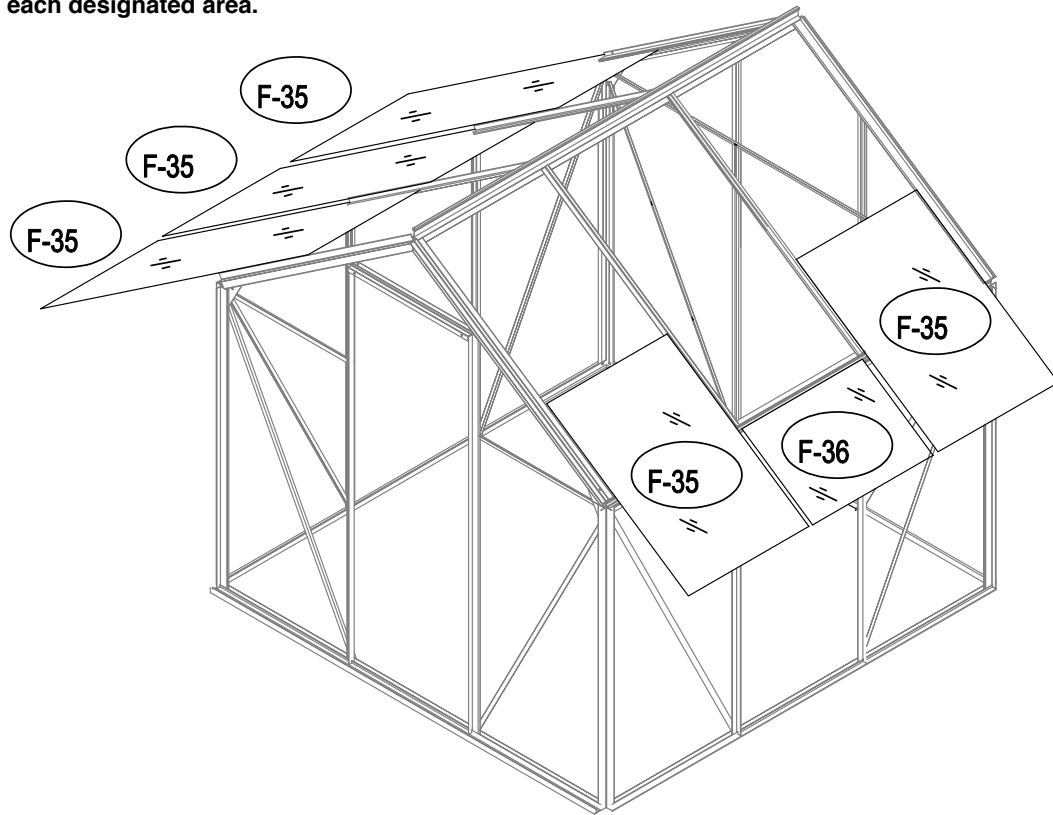
These are the parts used in this section.

Image	Item No.	Qty
	F-24	4
	F-B14	10

14.3 Slide one more bolt into the tops of each of the four F-24 frames and connect to the ridge frame F-B07. Tighten screws.

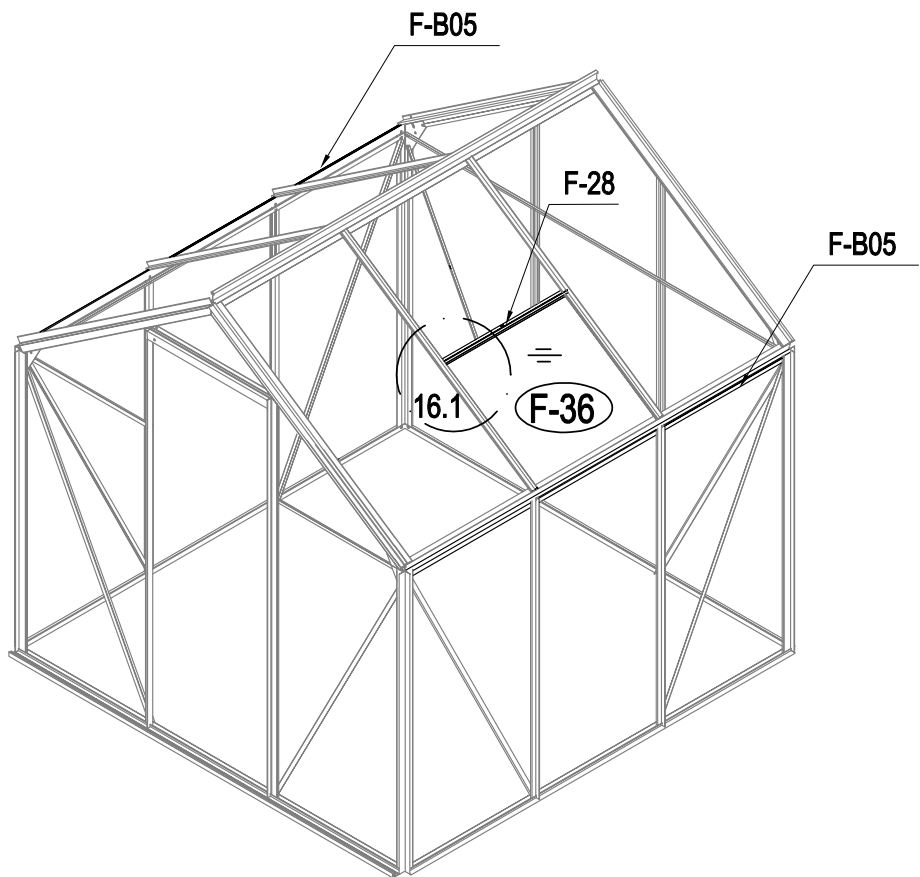


Place the poly-carbonate panels into each designated area.

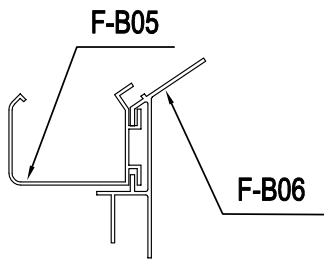
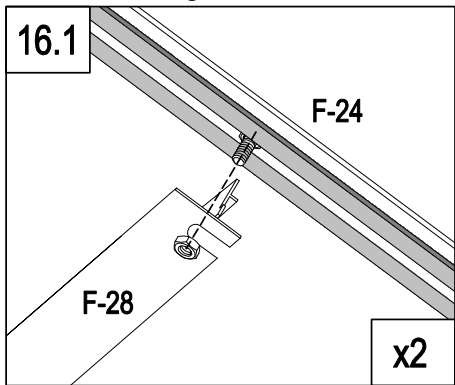


These are the parts used in this section.

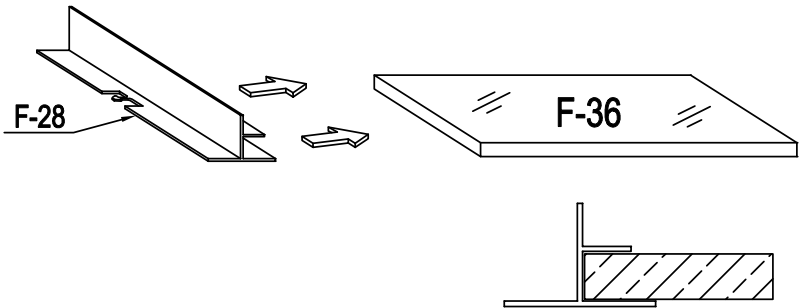
Image	Item No.	Qty
	F-36	1
	F-35	5



16.1 Connect F-28 to F-24 using the bolts left in F-24 and tighten with nuts.



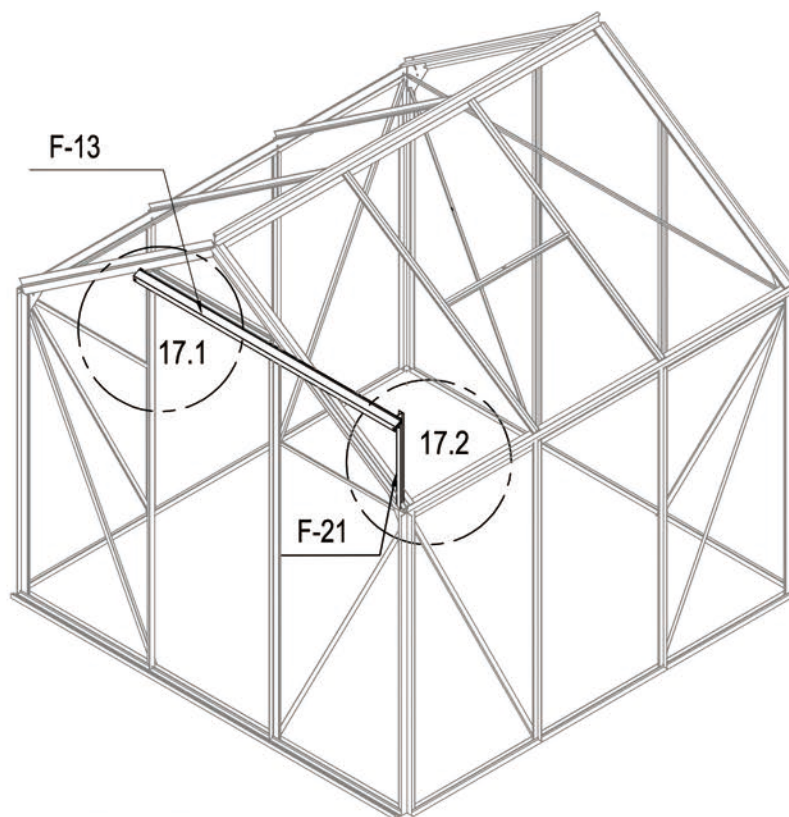
16.2 Slide F-B05 into F-B06 as shown.



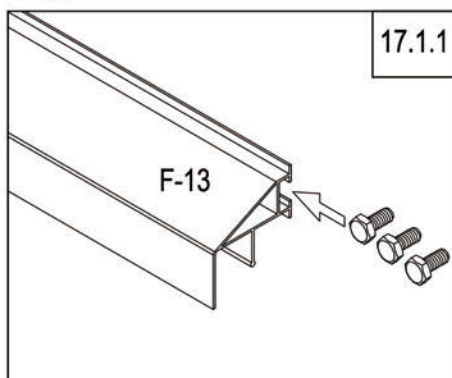
These are the parts used in this section.

Image	Item No.	Qty
	F-B05	2
	F-28	1

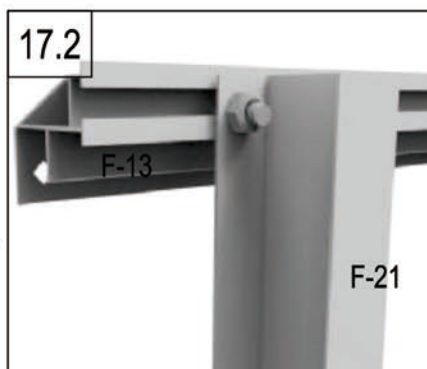
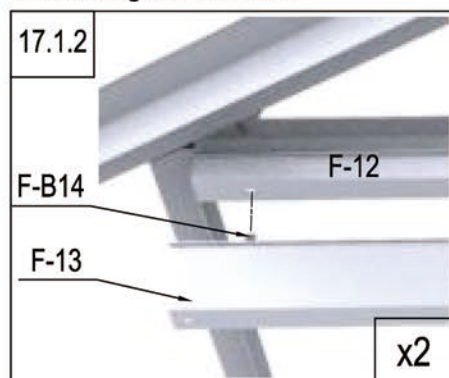




17.1.1 Insert three bolts into the grooves of F-13.



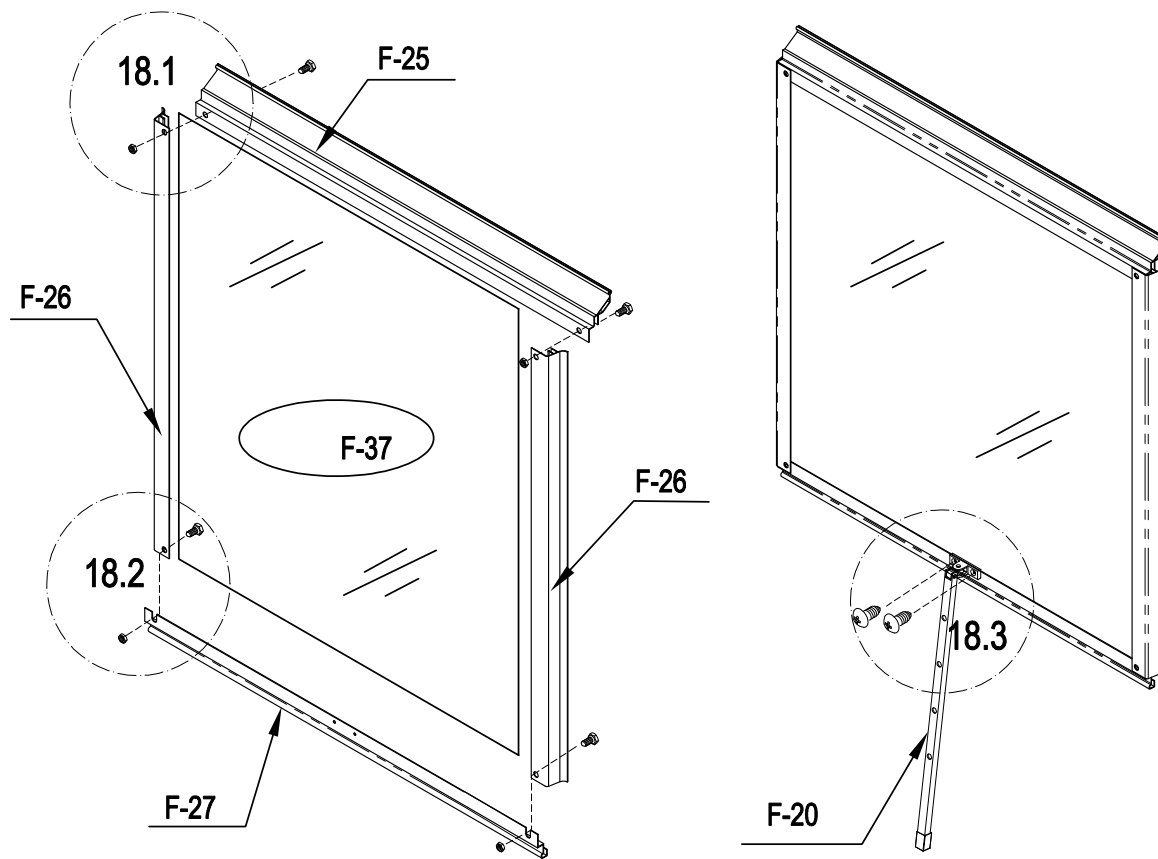
17.1.2 Insert the bolts into the holes in F-12 and tighten with nuts.



These are the parts used in this section.

Image	Item No.	Qty
	F-13	1
	F-21	1
	F-B14	4

17.2 Connect F-21 to F-13 and F-07 using bolts and nuts.



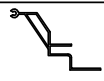

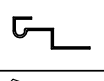
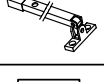
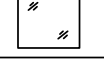
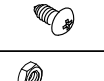
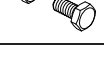
18.1 Slide two units of F-26 over the sides of the F-37 window panel.

18.2 Slide F-27 over the bottom of the F-37 window panel.

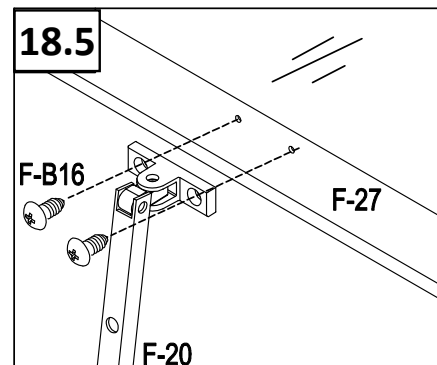
18.3 Slide F-25 over the top edge of the window panel.

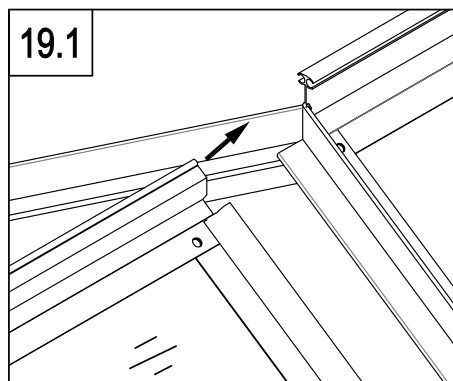
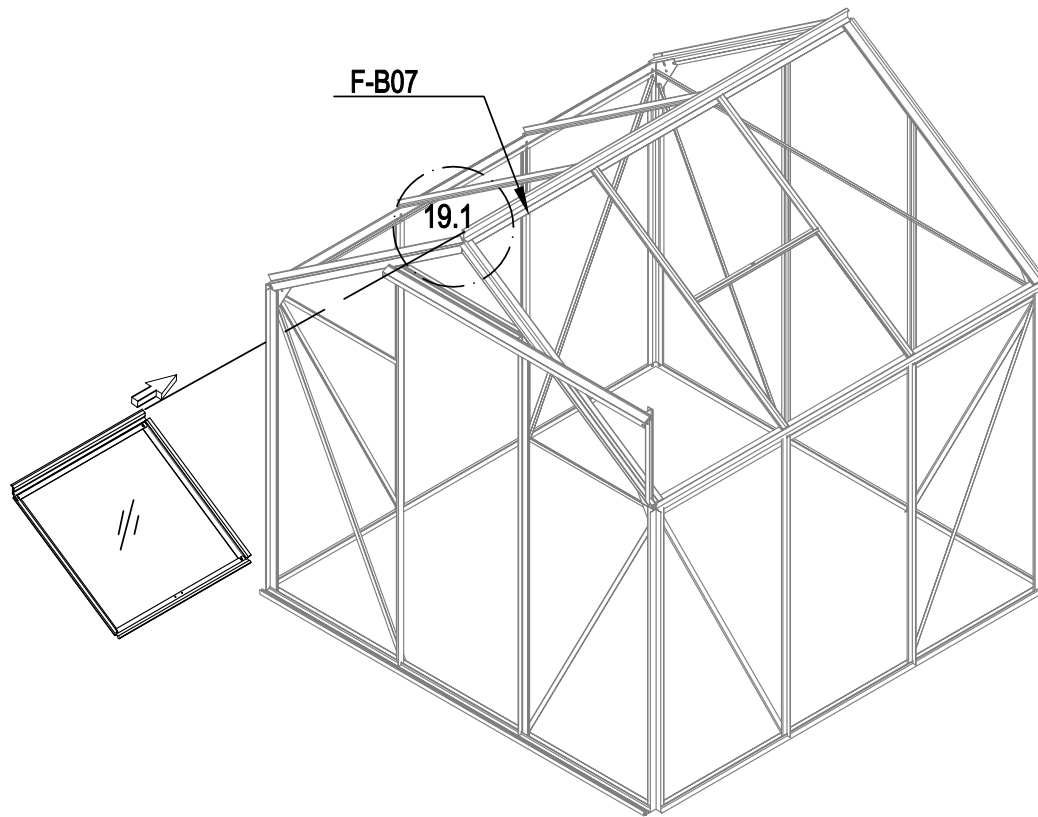
18.4 Secure with F-B14 nuts and bolts at all four corners.

These are the parts used in this section.

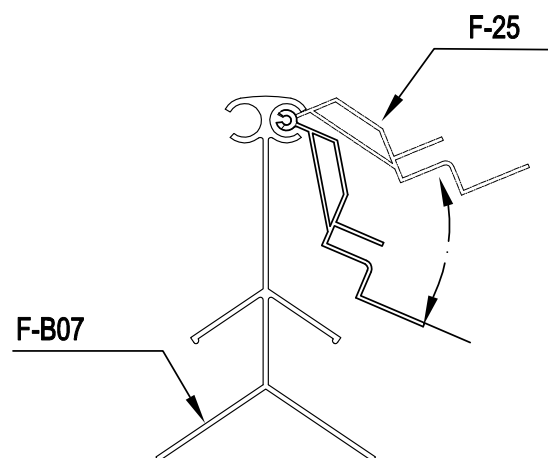
Image	Item No.	Qty
	F-25	1
	F-26	2
	F-27	1
	F-20	1
	F-37	1
	F-B16	2
	F-B14	4

18.5 Attach F-20 to F-27 using two F-B16 screws.

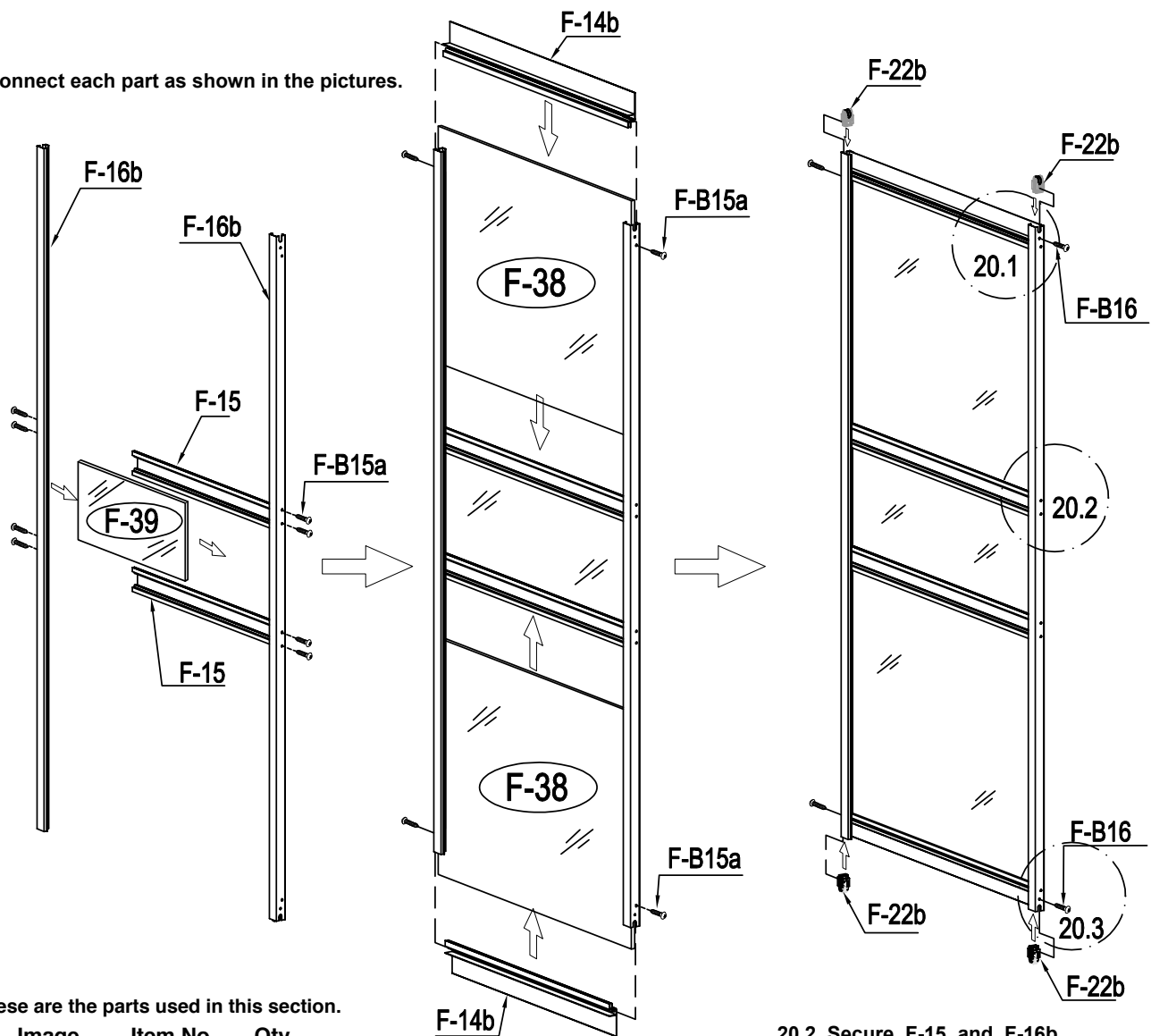




19.1 Slide the window into F-B07. You should be able to pivot it up and down.

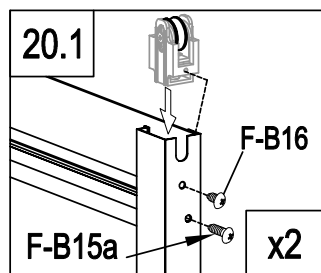


Connect each part as shown in the pictures.



These are the parts used in this section.

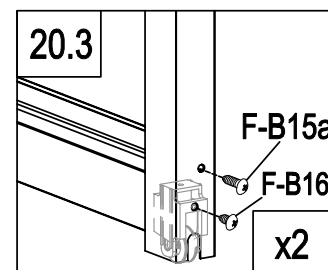
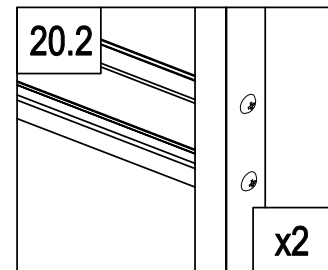
Image	Item No.	Qty
	F-38	2
	F-39	1
	F-16b	2
	F-14b	2
	F-15	2
	F-22b	4
	F-B15a	12
	F-B16	4

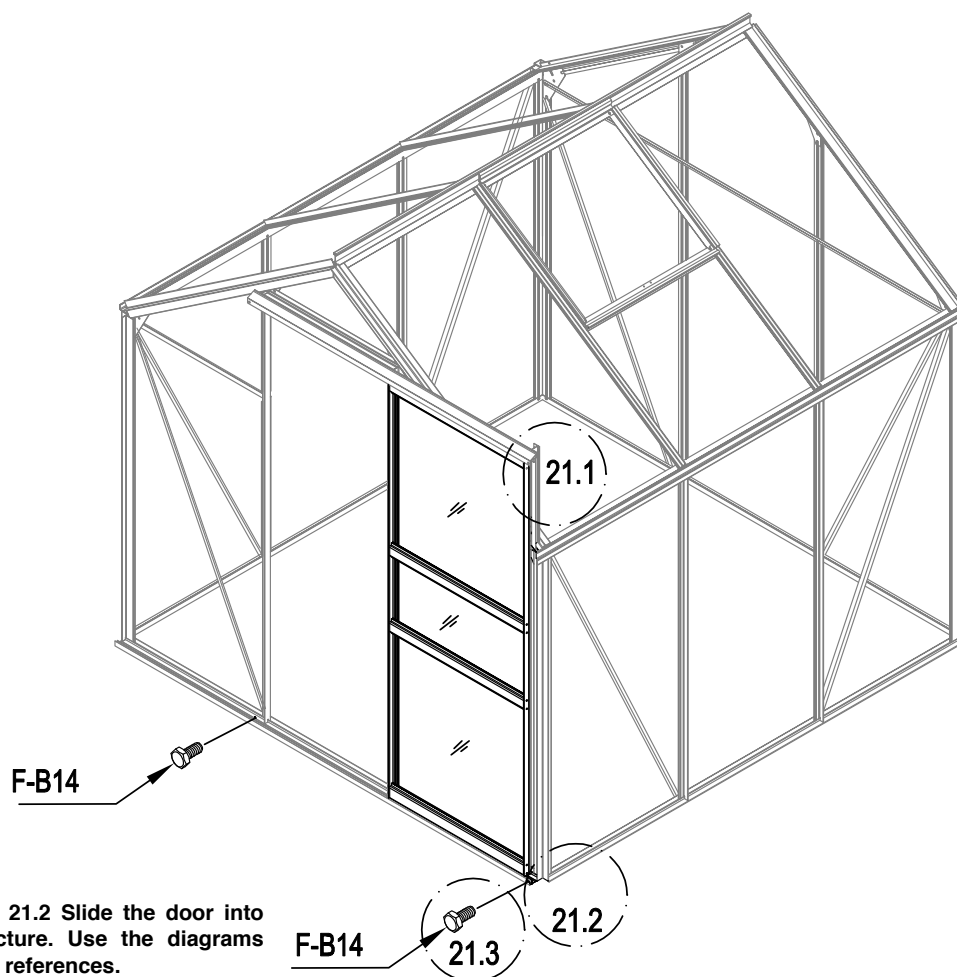


20.1 and 20.3 Insert F-22b into F-16b and secure it with screws.

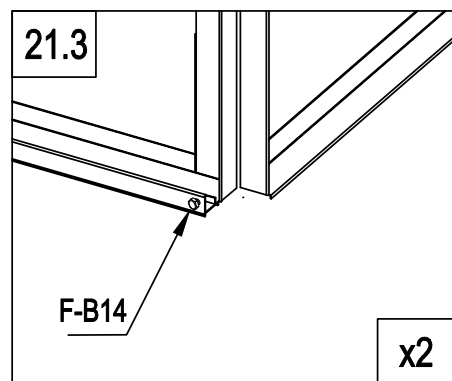
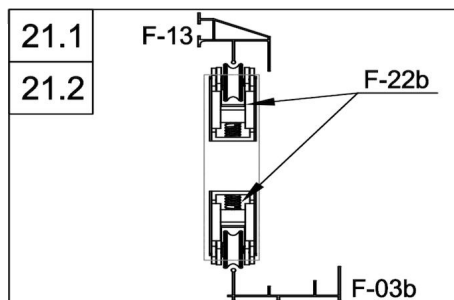
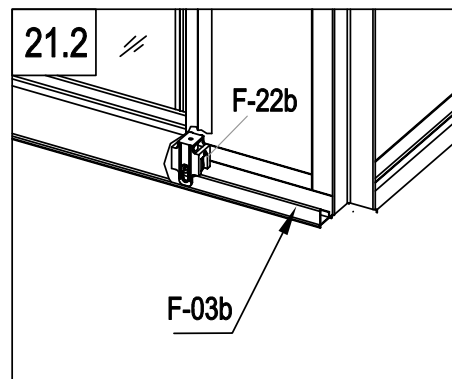
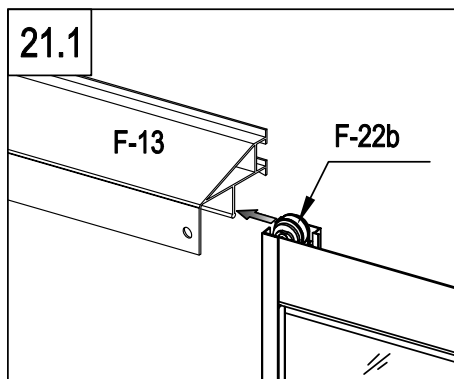
NOTE: The first screw is F-B16, and the second screw is F-B15a.

20.2 Secure F-15 and F-16b with screws.





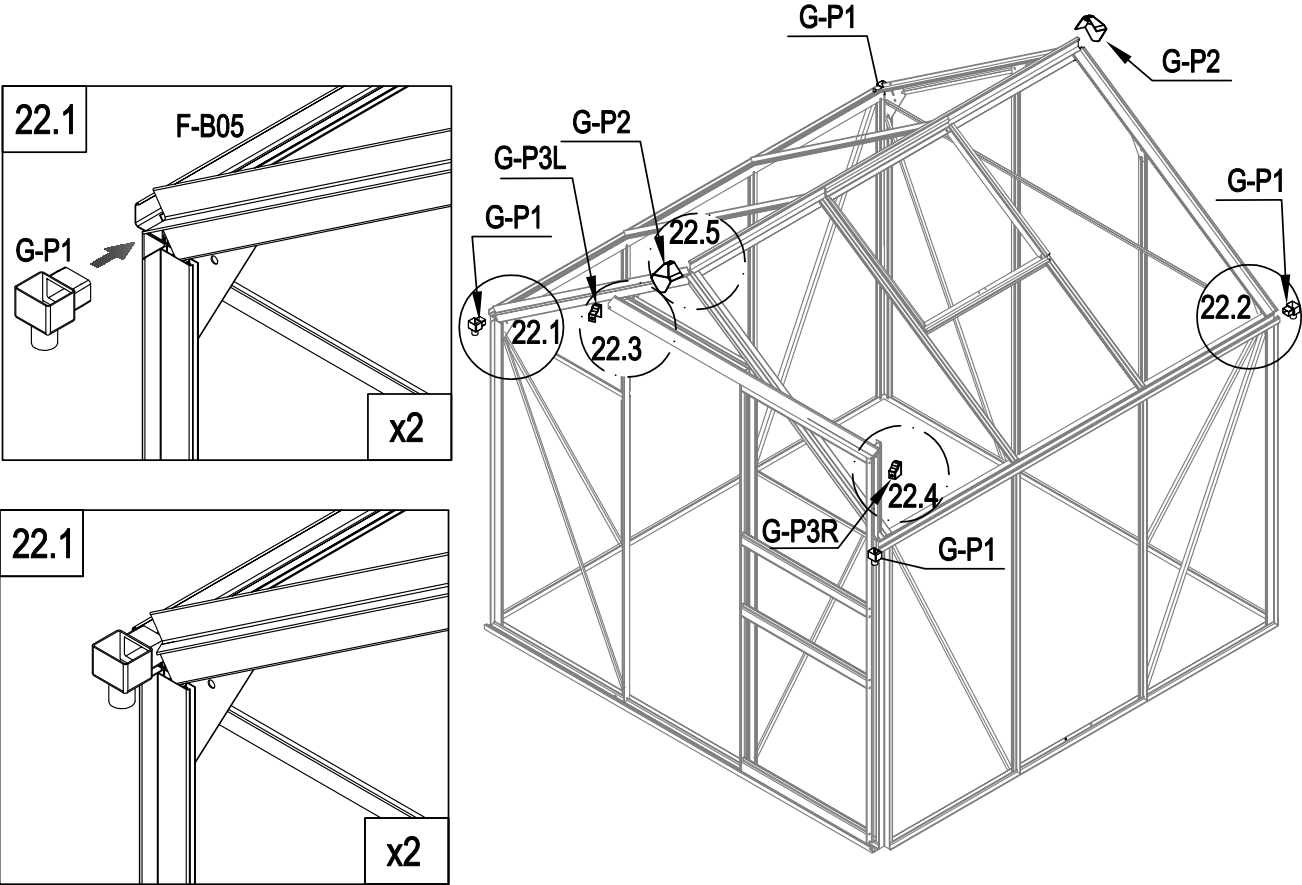
21.1 and 21.2 Slide the door into the structure. Use the diagrams below as references.



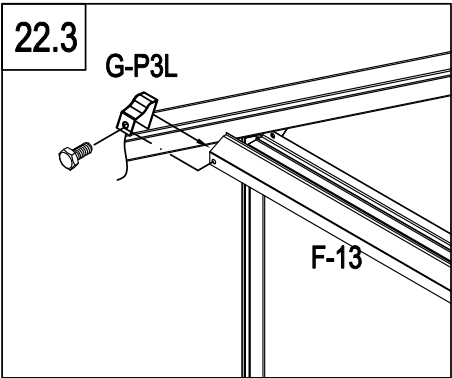
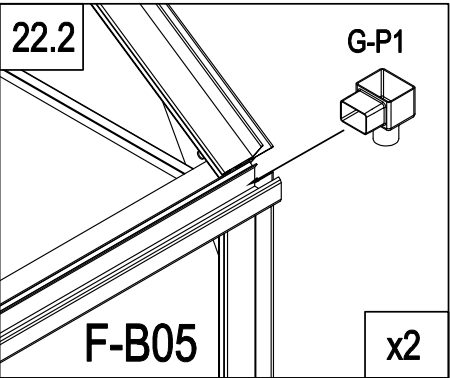
This is the part used in this section.

Image	Item No.	Qty
	F-B14	2

21.3 Screw the bolts and nuts into holes of F-03b.



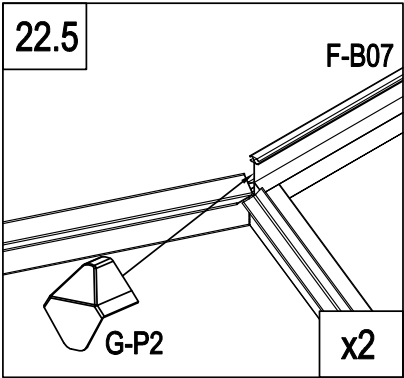
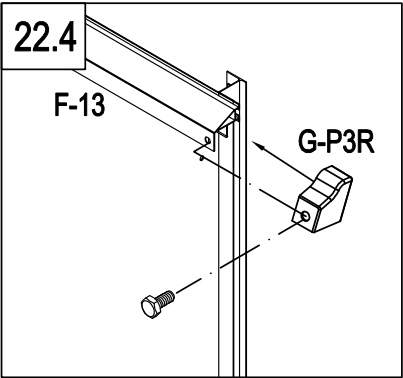
22.1 and 22.2 Insert G-P1 to each corner.



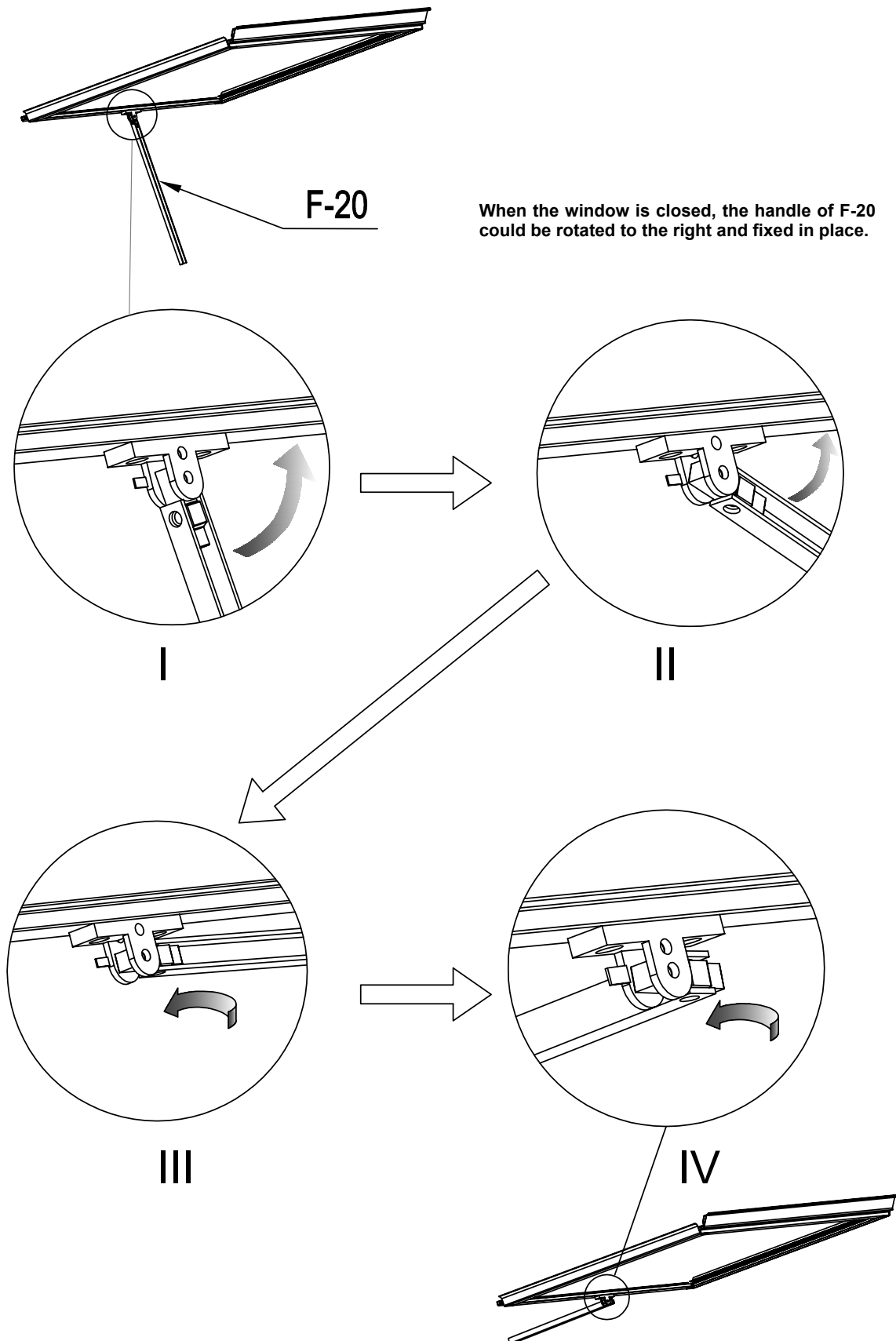
22.3 and 22.4 Fix G-P3L and G-P3R in F-13 using bolts and nuts.

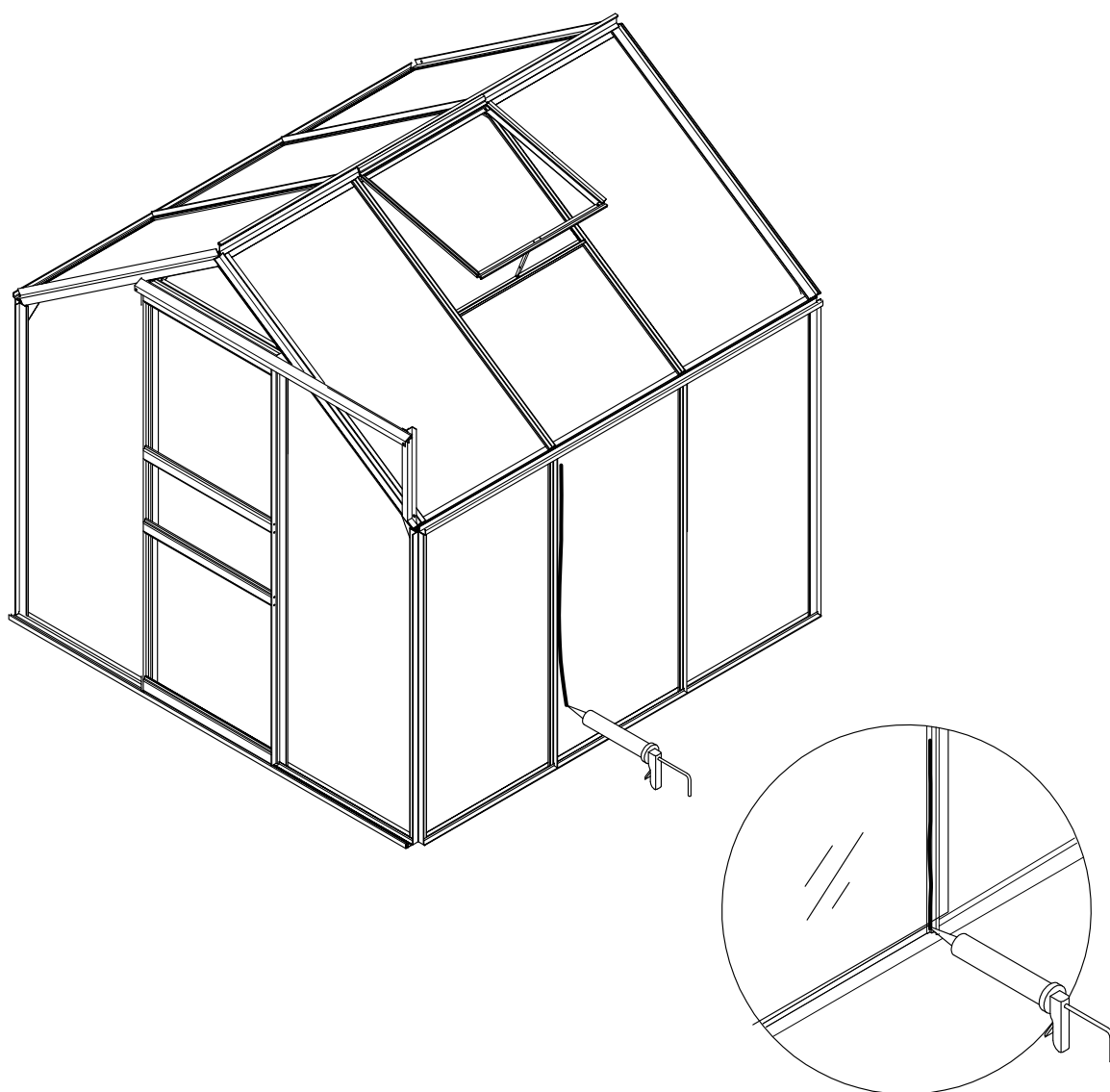
These are the parts used in this section.

Image	Item No.	Qty
	G-P1	4
	G-P2	2
	G-P3L	1
	G-P3R	1
	F-B14	2



22.5 Insert G-P2 to F-B07.





RECOMMENDATION

It is recommended to place glue or tape between the poly-carbonate panel and the aluminum frame to provide better stability.

NOTE:

1. The silicone sealant and glue gun are not included in the tool kit. You may purchase these items locally.
2. Only silicone sealant is suitable for aluminum.