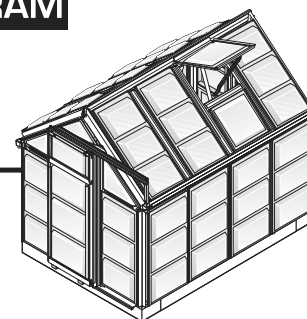


ASSEMBLY INSTRUCTIONS

Silver Line/Green Line 6'x8'

255x193x203cm / 100"x76"x80"



**Customer help and support line:
07-831-863-438**

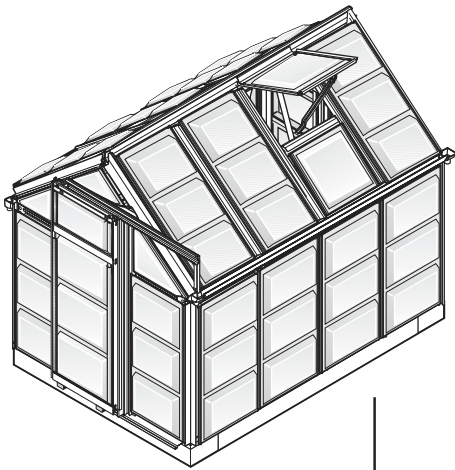
IMPORTANT

You must read these instructions carefully before you start to assemble this greenhouse.

Please carry out the steps in the order set out in these instructions.

Do not tighten the screws of the Greenhouse until completing on the assembly of the panels.

Keep these instructions in a safe place for future reference.



► Safety Advice

We strongly recommend the use of work gloves during assembly. Do not attempt to assemble the greenhouse in windy or wet conditions.

Do not touch overhead power cables with the aluminum profiles. Always wear shoes and safety goggles when working with extruded aluminum. Dispose of all plastic bags safely - keep them out of reach of small children. The greenhouse must be positioned and fixed on a flat level surface. Do not lean against or push the greenhouse during construction. Keep children away from the assembly area. Do not position your greenhouse in an area exposed to excessive wind.

Do not attempt to assemble this greenhouse if you are tired, have taken drugs or alcohol or if you are prone to dizzy spells. If using a step ladder or power tools ensure that you follow the manufacturers safety advice. Hot items such as recently used grills, blowtorches etc. must not be stored in the greenhouse. Ensure there are no hidden pipes or cables in the ground before inserting the pegs.

► General Advice

This is a multi-part assembly. Allow at least 180 minutes for assembly process. Selecting a site - choose a sunny level position away from overhanging trees. If you are fixing your greenhouse directly to a solid concrete foundation use the pre drilled holes in the metal base supplied. The component parts should be checked and laid out close at hand. Keep all small parts (screws etc.) in a bowl so they do not get lost. Keep roof clear of snow and leaves.

► Care & Maintenance

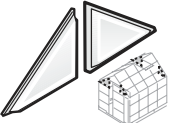
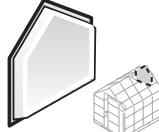

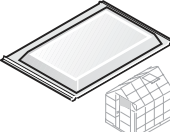

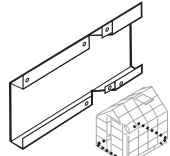

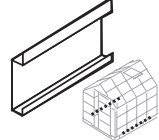
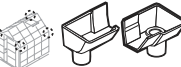
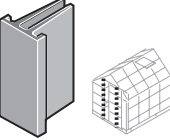

When your greenhouse needs to be cleaned, use a mild detergent solution and rinse with cold clean water. DO NOT use acetone, abrasive cleaners or other special detergents to clean the clear panels. Replacement parts - contact Customers service helpline at: For additional information please visit our web site: www.palram.com

► Tools & Equipment

- Silicone sealant applicable to panels & Applicator
- Tape measure
- Work gloves
- Plastic or rubber mallet
- Lubricant
- Phillipshead
- Step ladder
- Drill
- Large hammer
- Scissors
- 2mm/0.08" metal drill bit

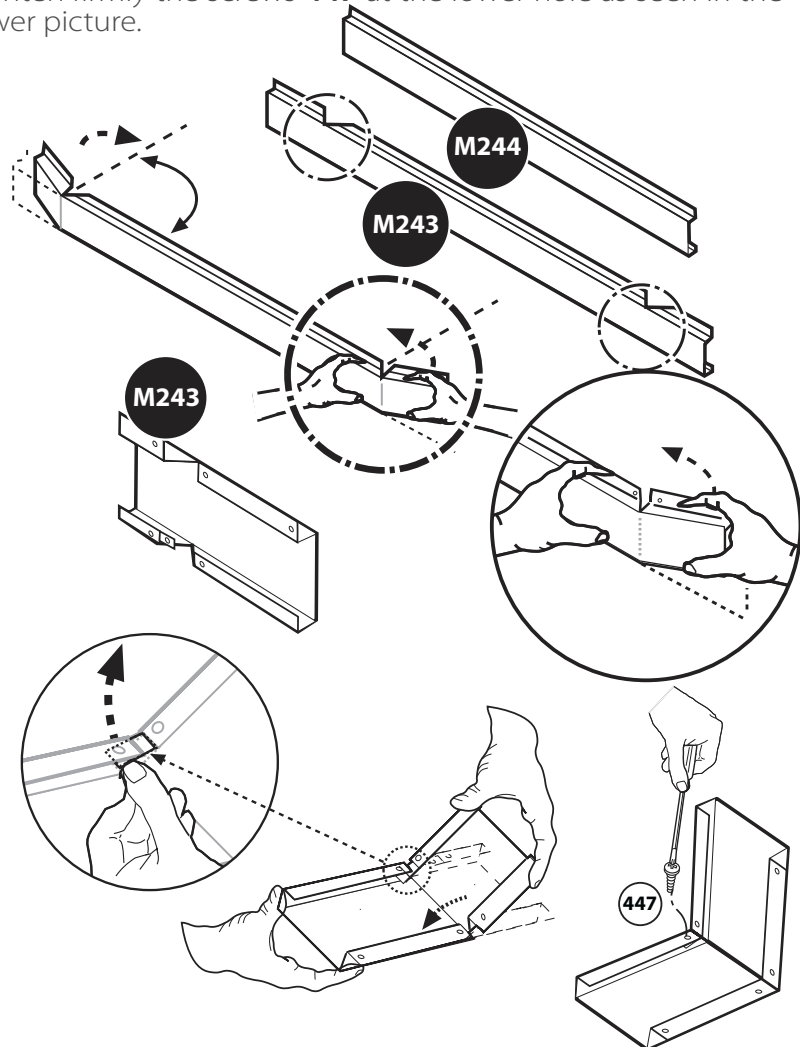
- ✓ If help is required seek professional advice within store.
- ✓ Sort the parts and check against the contents parts list.
- ✓ Carry out the assembly steps in the order set out in the instructions.
- ✓ Screws 411 are to be assembled from the outside and nuts 412 from the inside of the greenhouse.
- ✓ Close screws and nuts (411 & 412), 2-3 turns only, do not fasten them until completion of the assembly, if not specified otherwise.
- ✓ Prefix of the parts reference in the assembly instructions:
 - A - Aluminum profiles and parts
 - P5XX - Polycarbonate panels
 - P3XX - Plastic parts.
 - M - Metal parts
 - 4XX - Screws, nuts, disks, etc.
- ✓ The end of all profiles, pointed by an arrow, is always upward.
- ✓ The oval hole in the crossbars A256 should always be assemble to the base of the greenhouse.
- ✓ The front of the greenhouse is the wall including the door, and the back is the opposite wall.
- ✓ Firmly connect the greenhouse to a leveled final position immediately after completion of the assembly.

Contents

Item	Inc./mm	Qty.	Item	Inc./mm	Qty.	Item	Inc./mm	Qty.		
	P514 17.32x24.09 440x612	2	P515 17.32x24.09 440x612	2	A284	2	P399	2	441 M6x1.77/M6x45	1
	P516 25.79x24.09 666x612	1		P304	2	411 M6x0.39/M6x10	95	442 0.26/6.5	1	
	P518 12.9x24.09 328x612	1		P306	1	412 M6	100	445 8x1/5/M8x7	4	
	M243	2		P323	2	421 M4x0.63/M4x16	4	447 M8x0.63/M8x16	4	
	M244	2		P324	4	422 M4	2	4008 0.6x0.16/16x4.2	6	
	R303 59.6/1515	2		P333	1	423 M4 SL	2	M307	4	

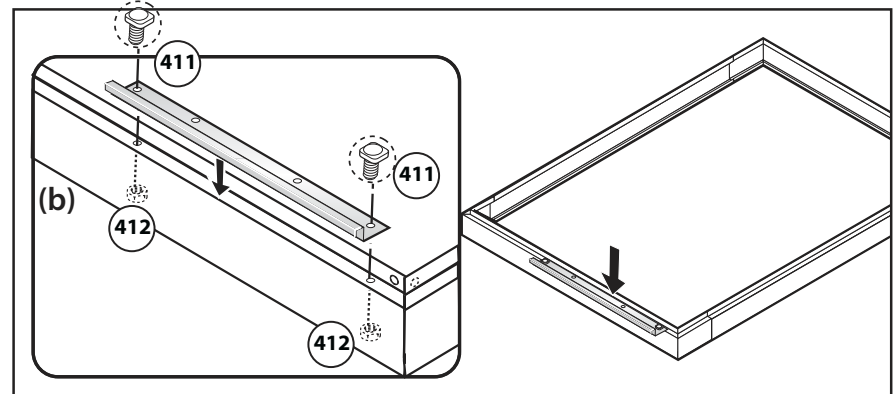
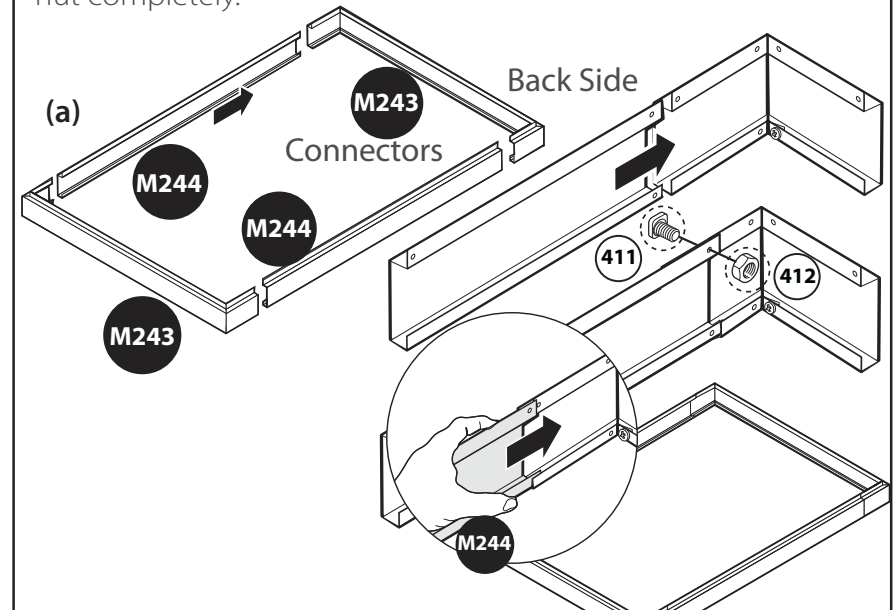
1

Be sure to bend in tabs of the base profiles **M243** into a 90° angle before inserting the screws. Tighten firmly the screws **447** at the lower hole as seen in the lower picture.



2

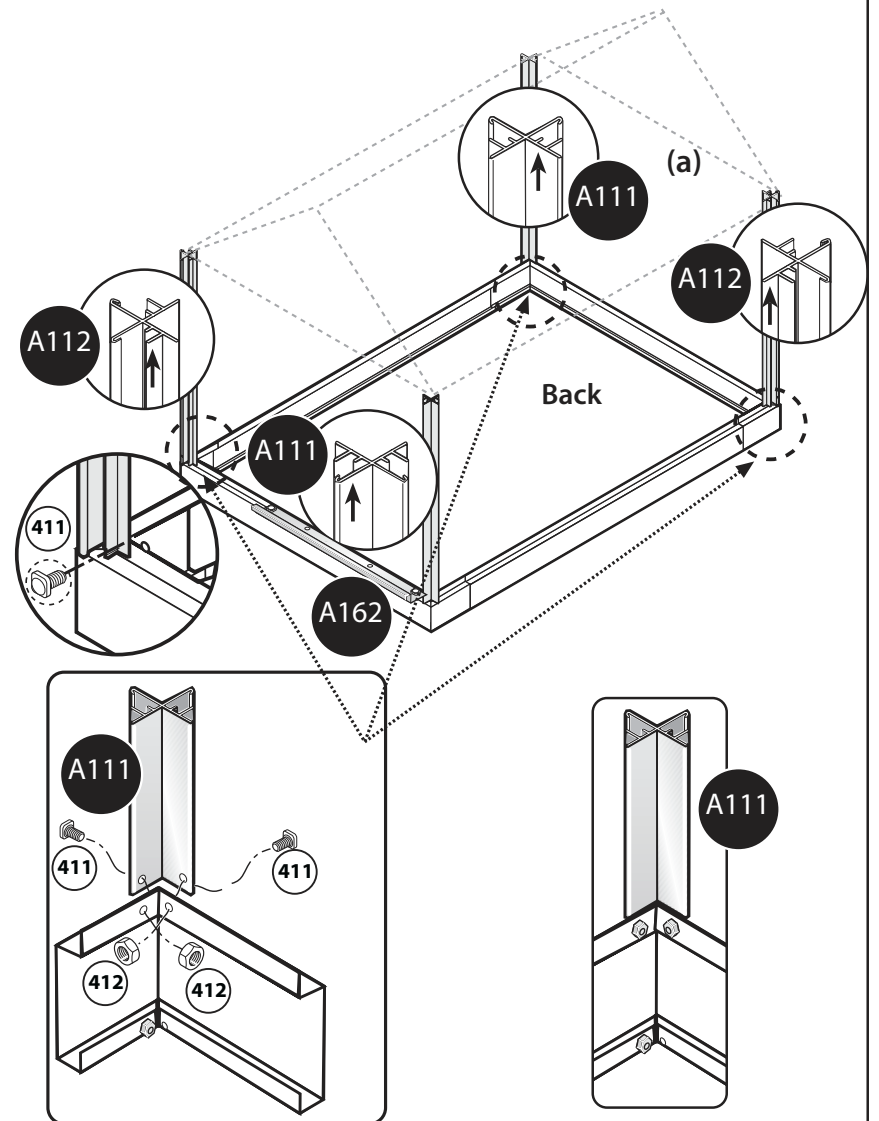
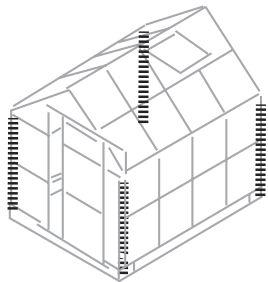
Attach the sides of the base (**M244**) to the front and back base pieces (**M243**). Use the aluminum screws and nuts (**411, 412**) as shown. Tighten nut completely.



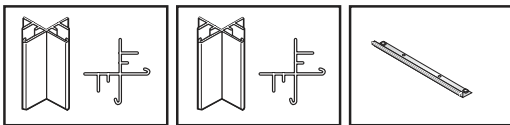
3 *Insert the screws from the outside, tighten nuts only 2-3 turns and leave loose.

Pay attention to set the aluminum corners (**A111**, **A112**) according to the arrow showing top of the profile.

NOTE: The nuts are to be from the inside. Do not tighten them until completion of the assembly, If not specifically stated otherwise, this procedure applies to all cases where screws and nuts **411**, **412** are to be used.



A111 / 1 A112 / 1 A162 / 1



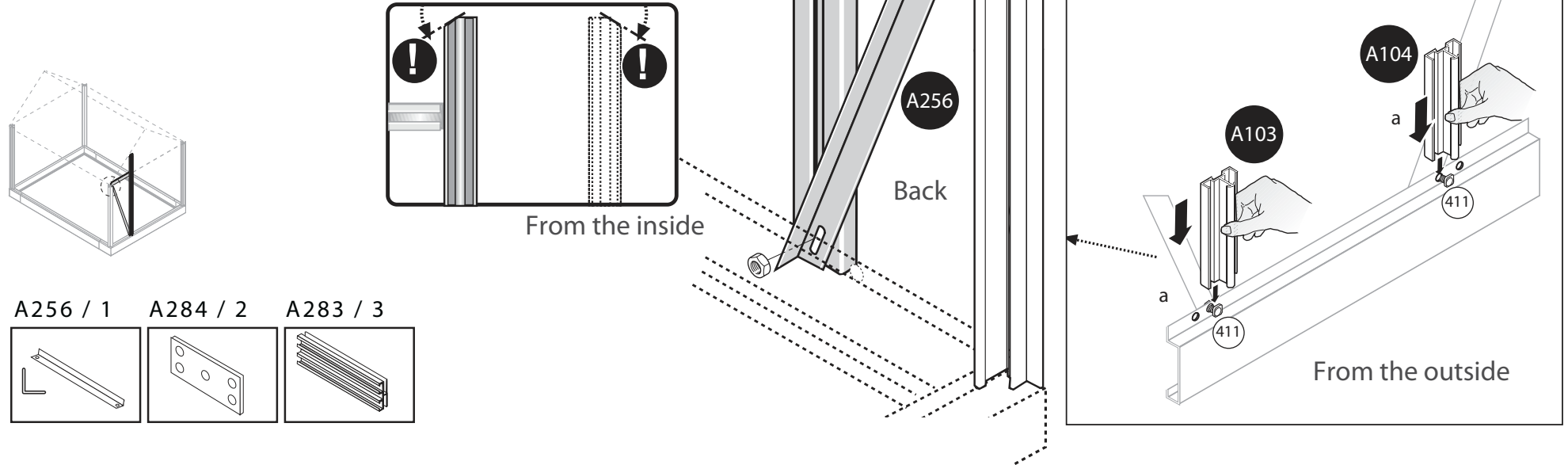
4A *Insert the screws from the outside, tighten nuts only 2-3 turns and leave loose.

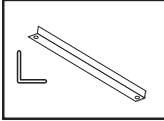
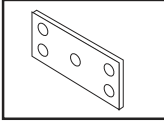
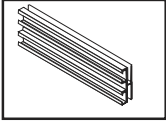
NOTE: Profiles **A283** should be connected through their lower grooves to profiles **A111** and **A112** (assembled on previous step). Crossbars **A256** are assembled from the inside. The upper groove of profile **A283** will be used later on.

NOTE: The assembly of the back wall supports, three profiles **A283** include three stages A, B and C.

NOTE: The slanted of the profiles should be parallel to the downward slop of the roof. Insert two screws **411** in the groove of profile **A103**. Connect the first one with nut **412** to the base together with the crossbar **A256**. The oval holes must be connected to the base of the greenhouse.

Stage A: Connect the second screw **411** to the middle hole in the metal plate **M284** and tighten with nut **412**. Insert two screws **411** in the grooves in profile **A283**, connect them to the metal plate **M284** and tighten with nuts **412**.



- A256 / 1 
- A284 / 2 
- A283 / 3 

4B&C *Insert the screws from the outside, tighten nuts only 2-3 turns and leave loose.

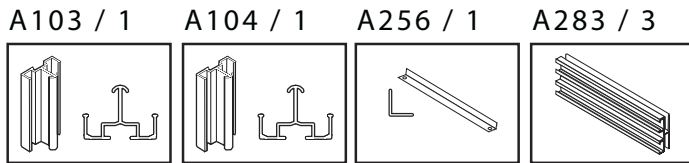
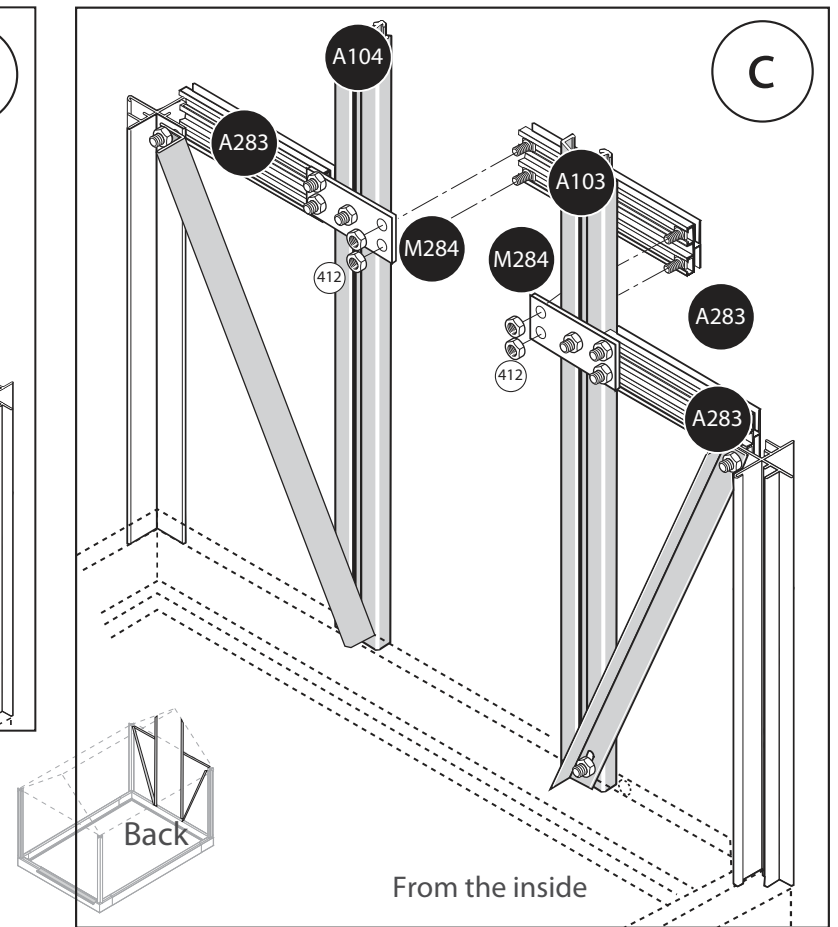
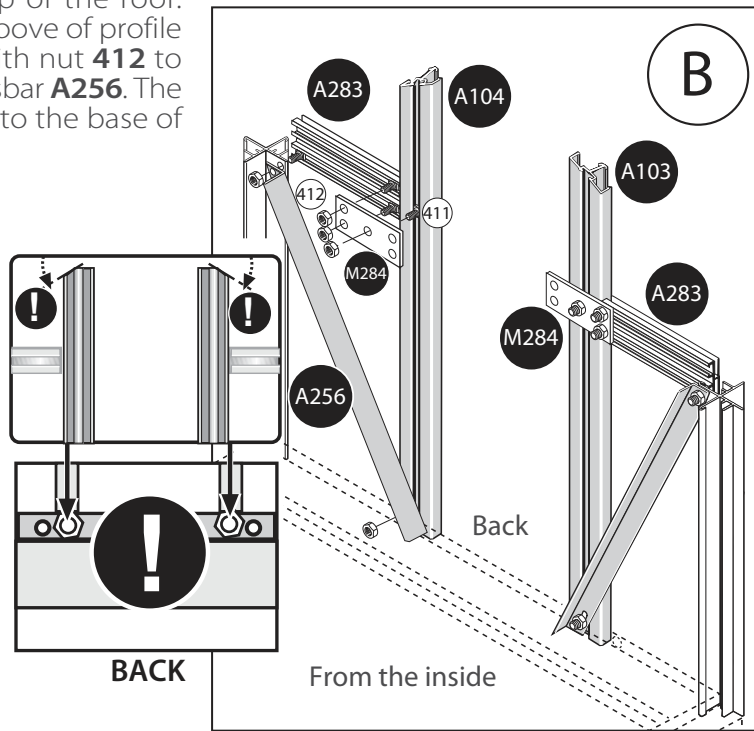
NOTE: Profiles **A283** should be connected through their lower grooves to profiles **A111** and **A112** (assembled on previous step). Crossbars **A256** are assembled from the inside. The upper groove of profile **A283** will be used later on.

NOTE: The assembly of the back wall supports, three profiles **A283** include three stages A, B and C.

NOTE: The slanted of the profiles should be parallel to the downward slop of the roof. Insert two screws **411** in the groove of profile **A104**. Connect the first one with nut **412** to the base together with the crossbar **A256**. The oval holes must be connected to the base of the greenhouse.

Stage B: Connect the second screw **411** to the middle hole with nut **412** to metal plate **M284** and tighten with nuts **412**. Insert two screws **411** in the grooves in profile **A283** and connect them to the metal plate **M284** and tighten with nuts **412**.

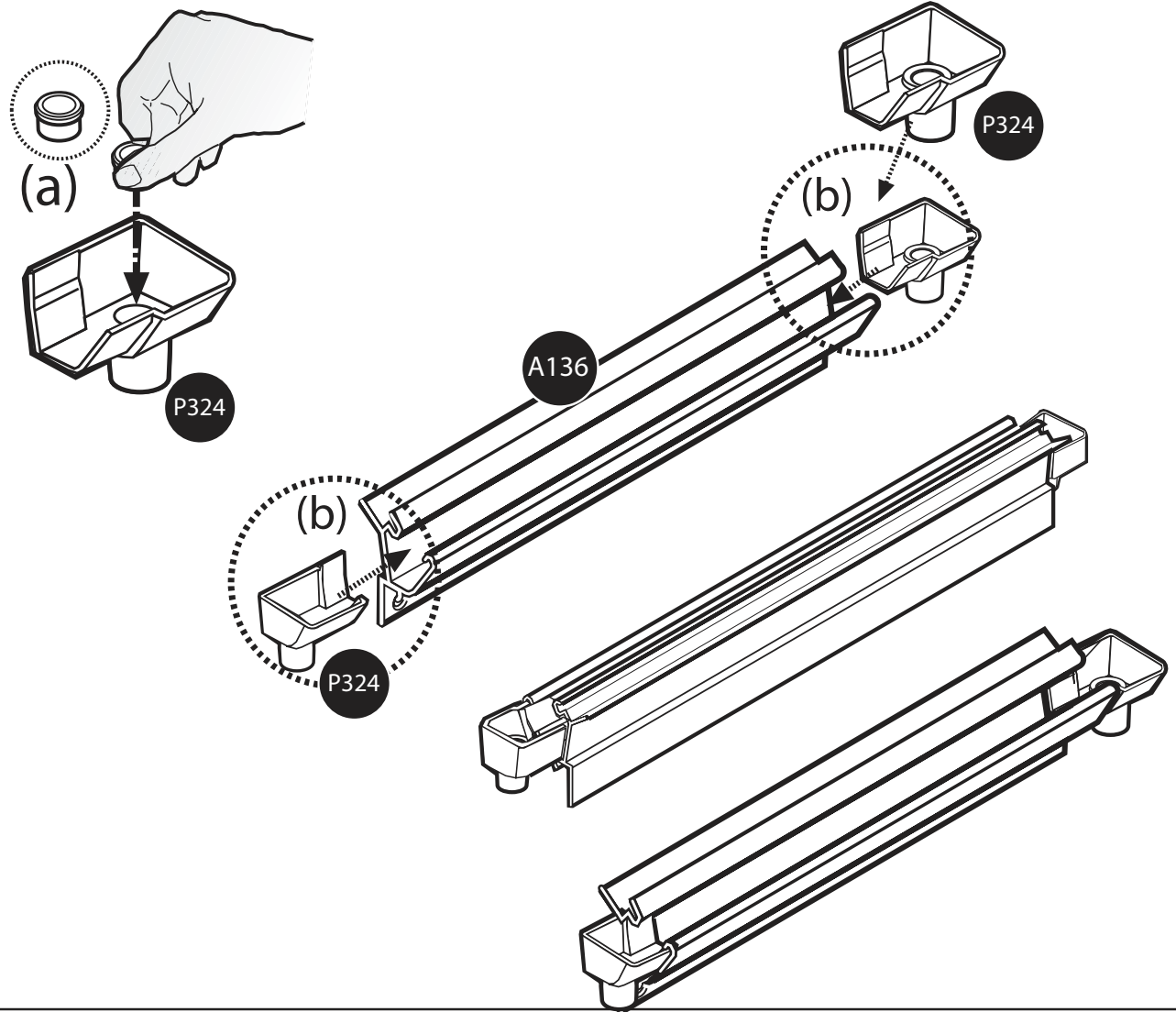
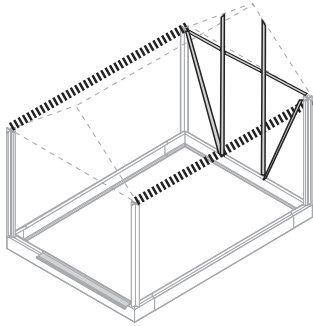
Stage C: Insert four screws **411** into both grooves in both ends of the middle profile **A283** and connect them with nuts **412** to the metal plates **M284**.



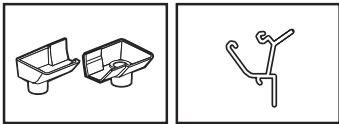
5 *Insert the screws from the outside, tighten nuts only 2-3 turns and leave loose.

NOTE: The set includes two left and two right "gutter end cups" **P324** and four plugs. Assemble a plug in all four "gutter end cups" **P324**. Insert each one of them into the gutters **A136** ends.

NOTE: Leave the end cup open on the side you would like the water to drain.



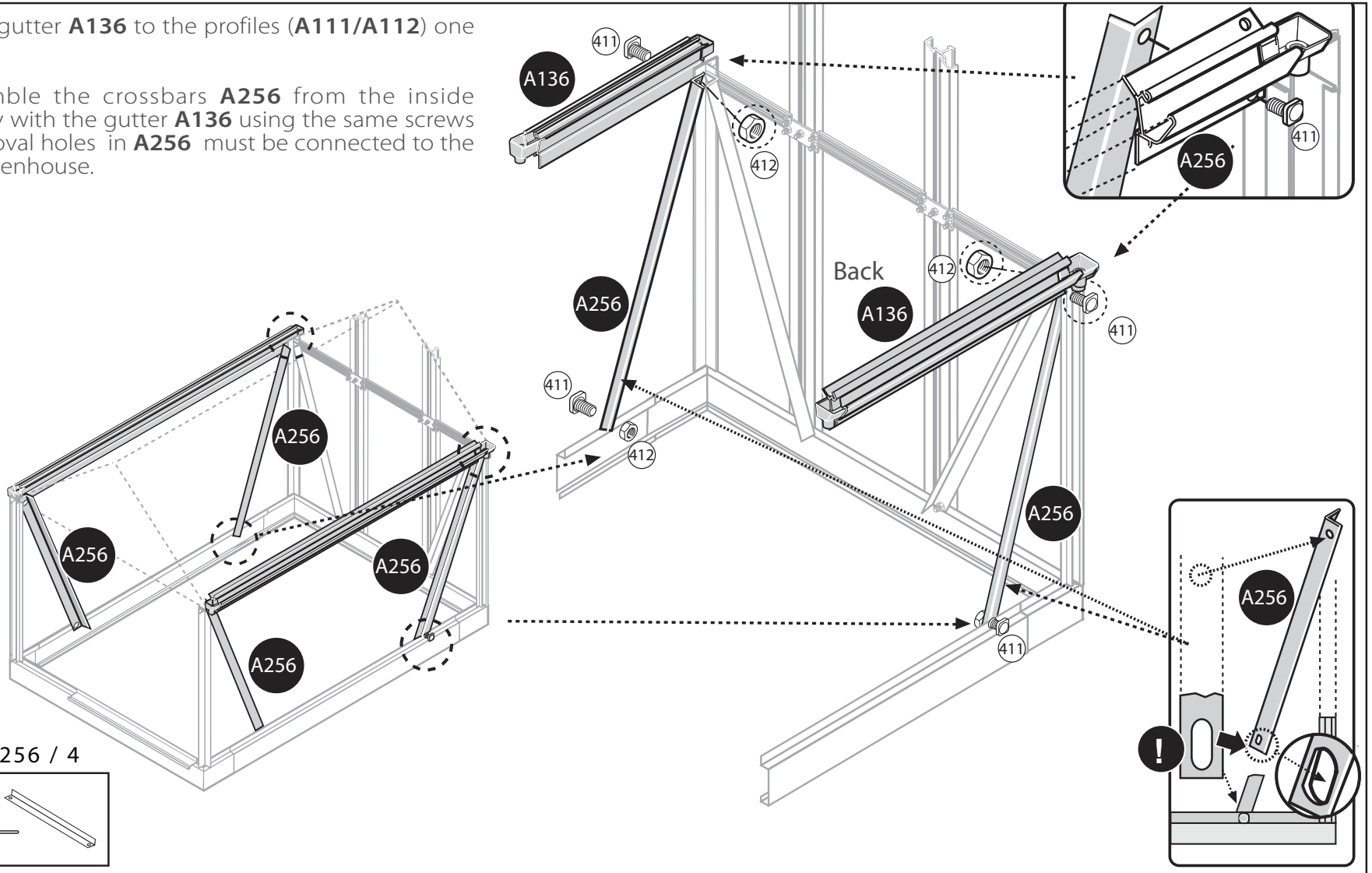
A324 / 4 A136 / 2



6 *Insert the screws from the outside, tighten nuts only 2-3 turns and leave loose.

Assemble the gutter **A136** to the profiles (**A111/A112**) one on each end.

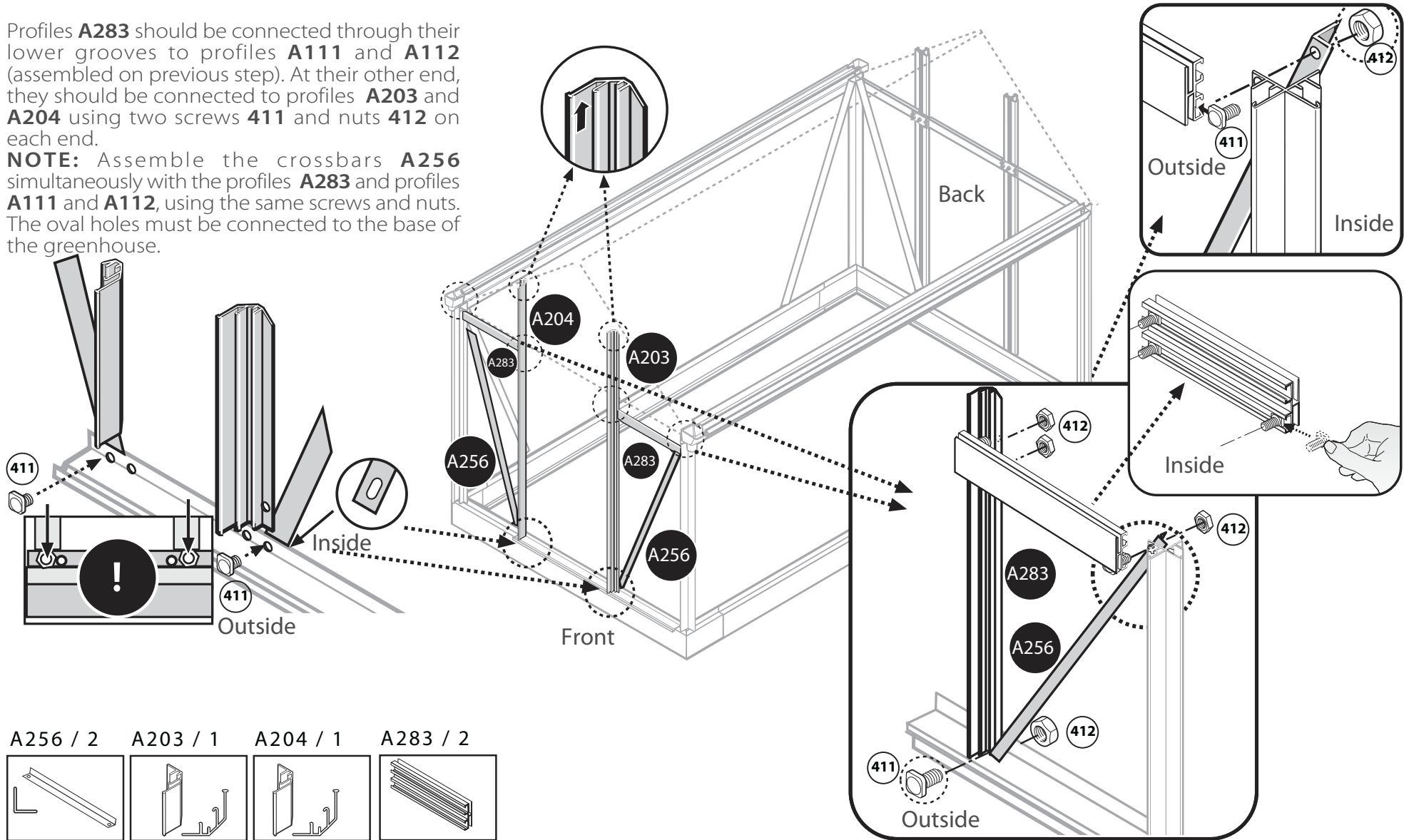
NOTE: Assemble the crossbars **A256** from the inside simultaneously with the gutter **A136** using the same screws and nuts. The oval holes in **A256** must be connected to the base of the greenhouse.



7 *Insert the screws from the outside, tighten nuts only 2-3 turns and leave loose.

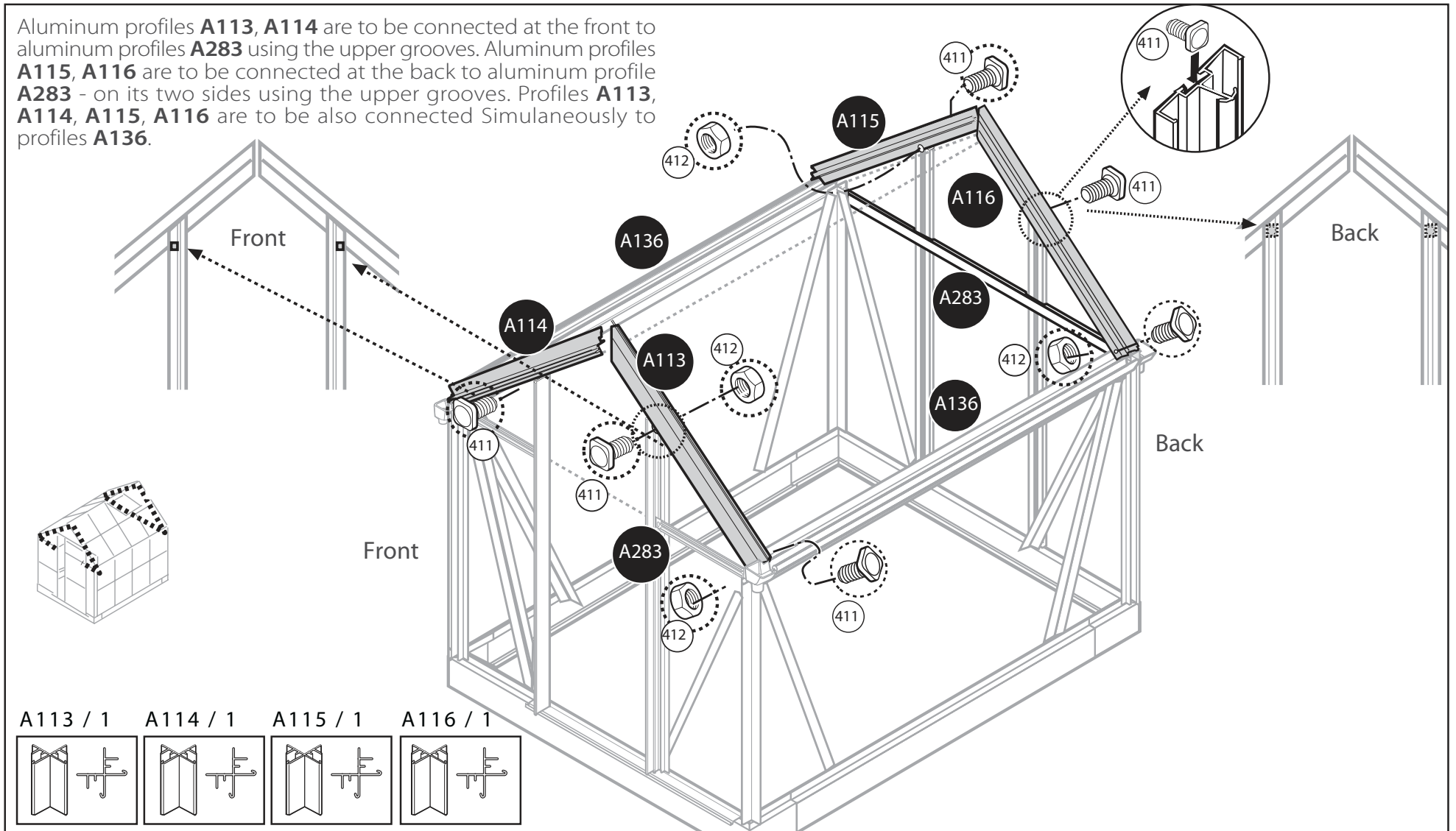
Profiles **A283** should be connected through their lower grooves to profiles **A111** and **A112** (assembled on previous step). At their other end, they should be connected to profiles **A203** and **A204** using two screws **411** and nuts **412** on each end.

NOTE: Assemble the crossbars **A256** simultaneously with the profiles **A283** and profiles **A111** and **A112**, using the same screws and nuts. The oval holes must be connected to the base of the greenhouse.



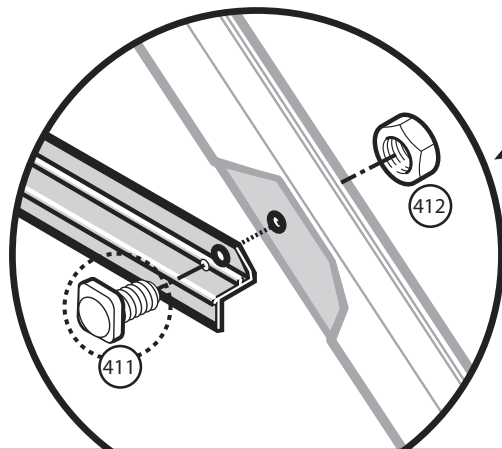
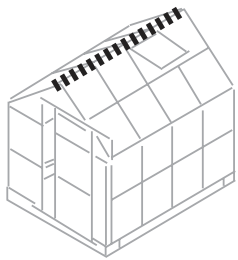
8 *Insert the screws from the outside, tighten nuts only 2-3 turns and leave loose.

Aluminum profiles **A113**, **A114** are to be connected at the front to aluminum profiles **A283** using the upper grooves. Aluminum profiles **A115**, **A116** are to be connected at the back to aluminum profile **A283** - on its two sides using the upper grooves. Profiles **A113**, **A114**, **A115**, **A116** are to be also connected Simulaneously to profiles **A136**.



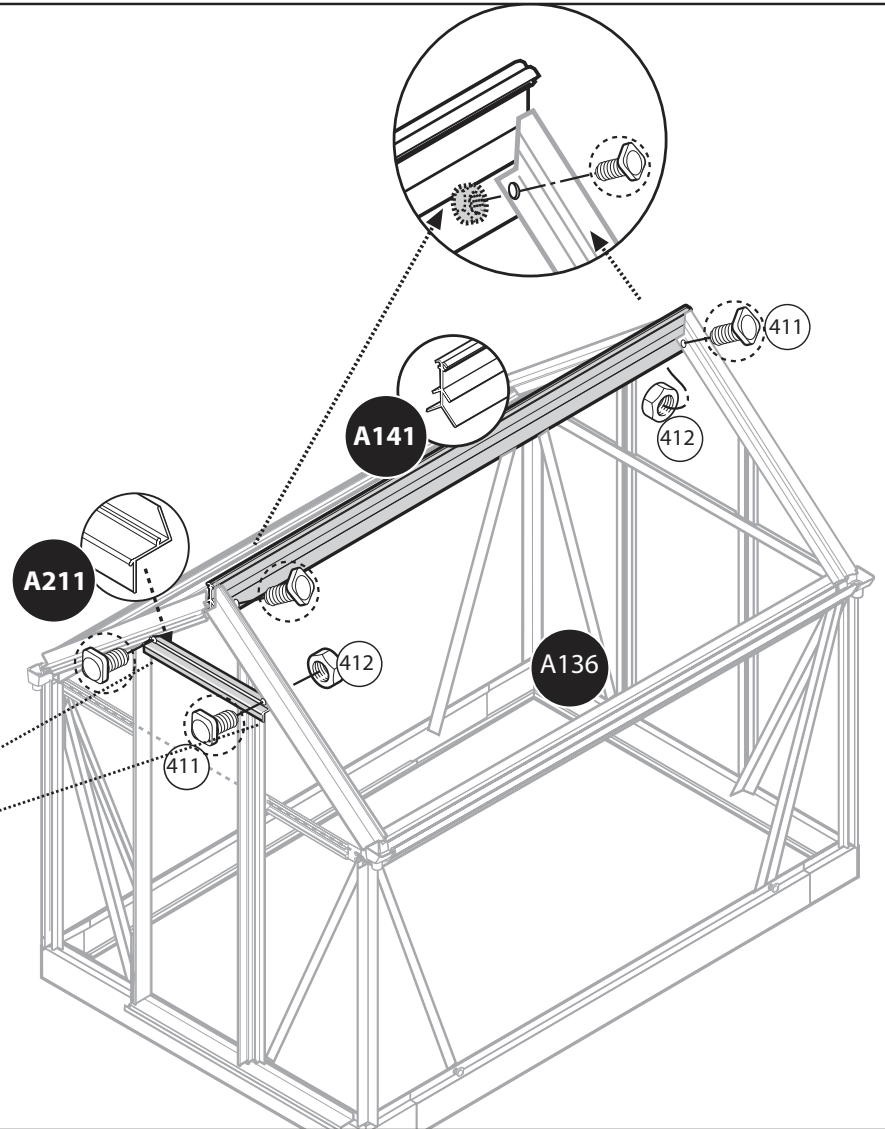
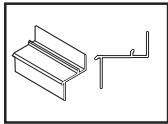
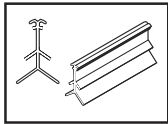
9 *Insert the screws from the outside, tighten nuts only 2-3 turns and leave loose.

Assemble the main beam **A141** UNDER **A113**, **A114** at the FRONT, **A115** and **A116** at the BACK.
Assemble profile **A211**, from the outside, to profiles **A113**, **A114**.



A141 / 1

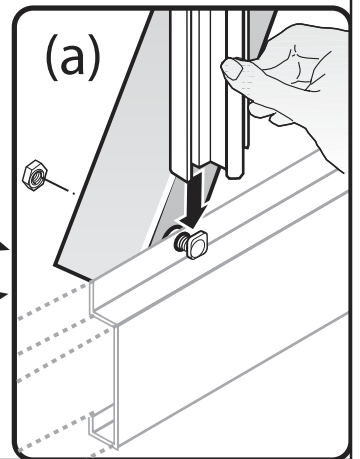
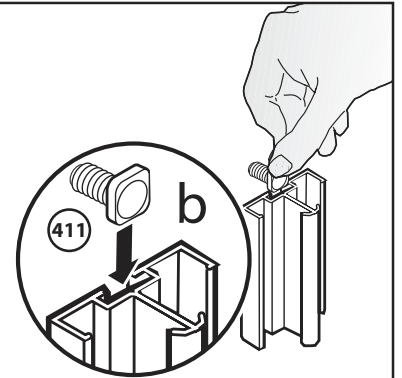
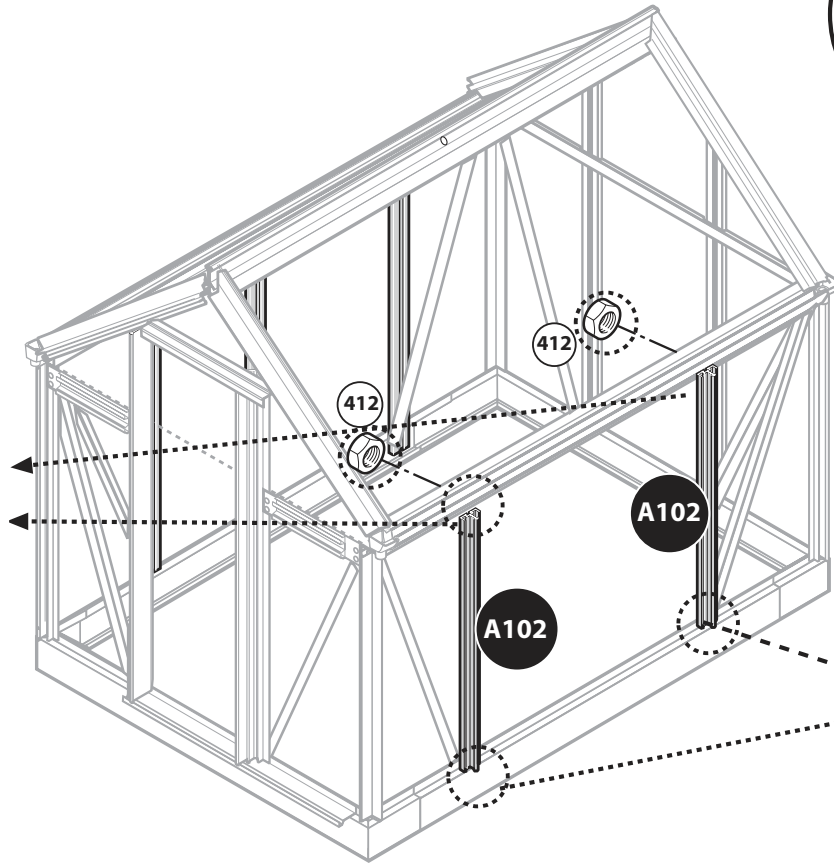
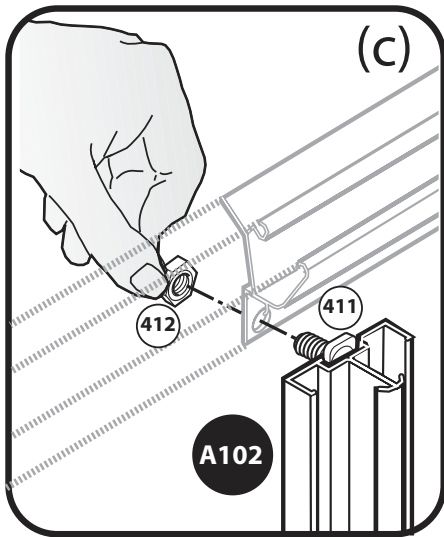
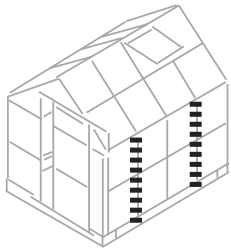
A211 / 1



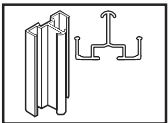
10 *Insert the screws from the outside, tighten nuts only 2-3 turns and leave loose.

Slide profile **A102** on to the preassembled (to the base) screw **411**. On the other end slide the head of screw **411** into the groove on profiles **A102**, insert the screw into predrilled holes in the gutter **A136** and close (DO NOT TIGHTEN) with nut **412**.

NOTE: Repeat the above assembly procedure to all six profiles **A102**. You will have to add one screw **411** and nut **412** to each side of the base in order to assemble the middle profile **A102**. (* See next step)

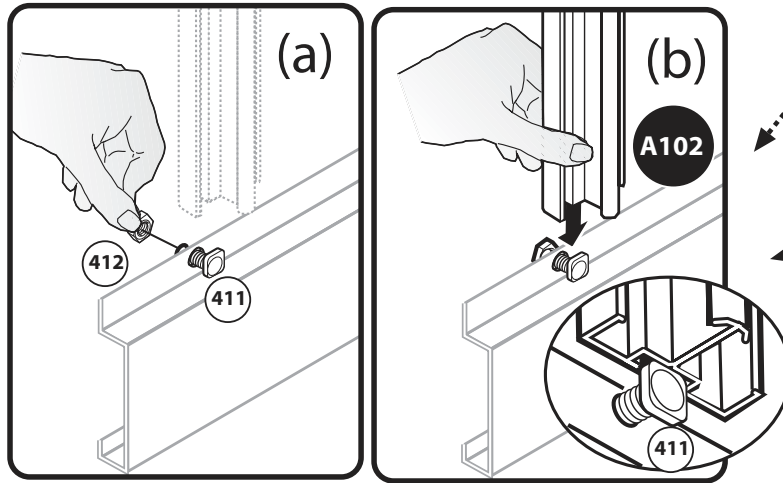
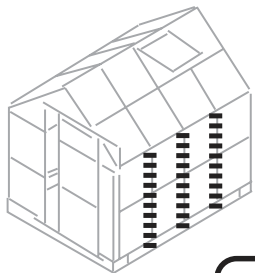


A102 / 6

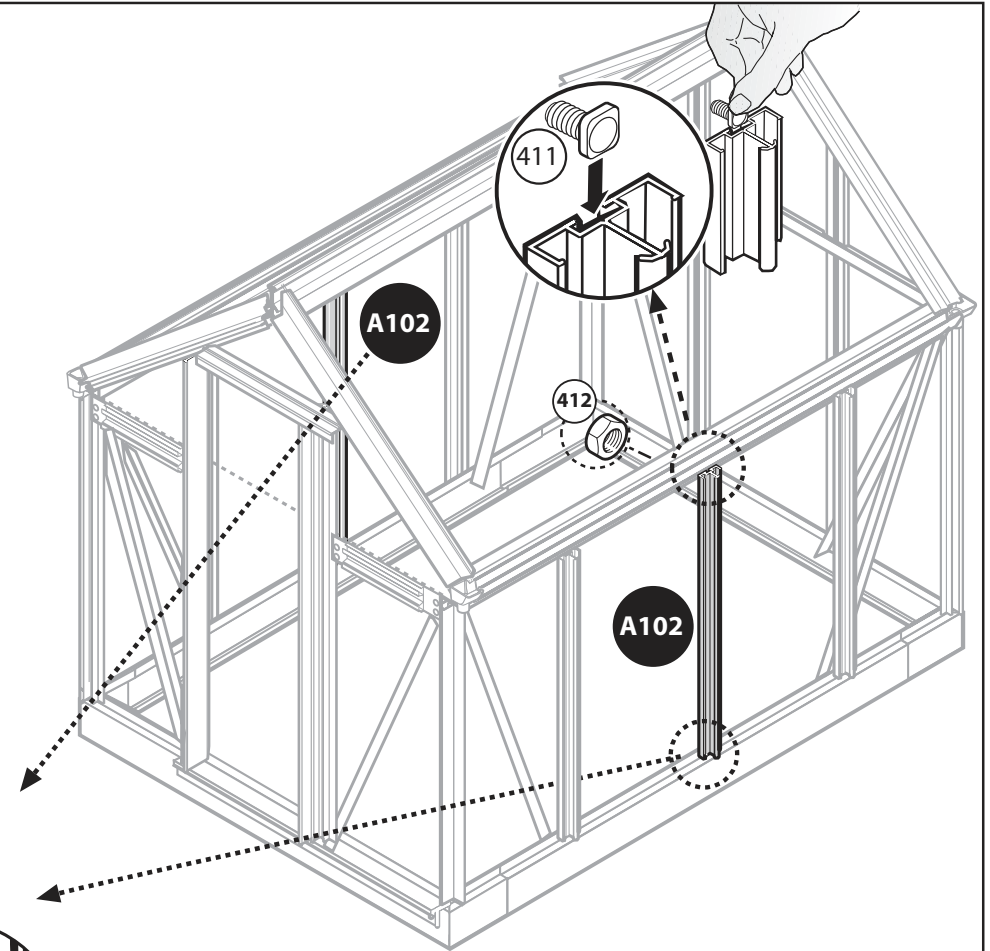
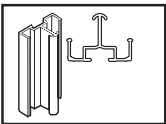


11 *Insert the screws from the outside, tighten nuts only 2-3 turns and leave loose.

Slide profile **A102** on to the preassembled (to the base) screw **411**. On the other end slide the head of screw **411** into the groove on profiles **A102**, insert the screw into predrilled holes in the gutter **A136** and close (DO NOT TIGHTEN) with nut **412**.

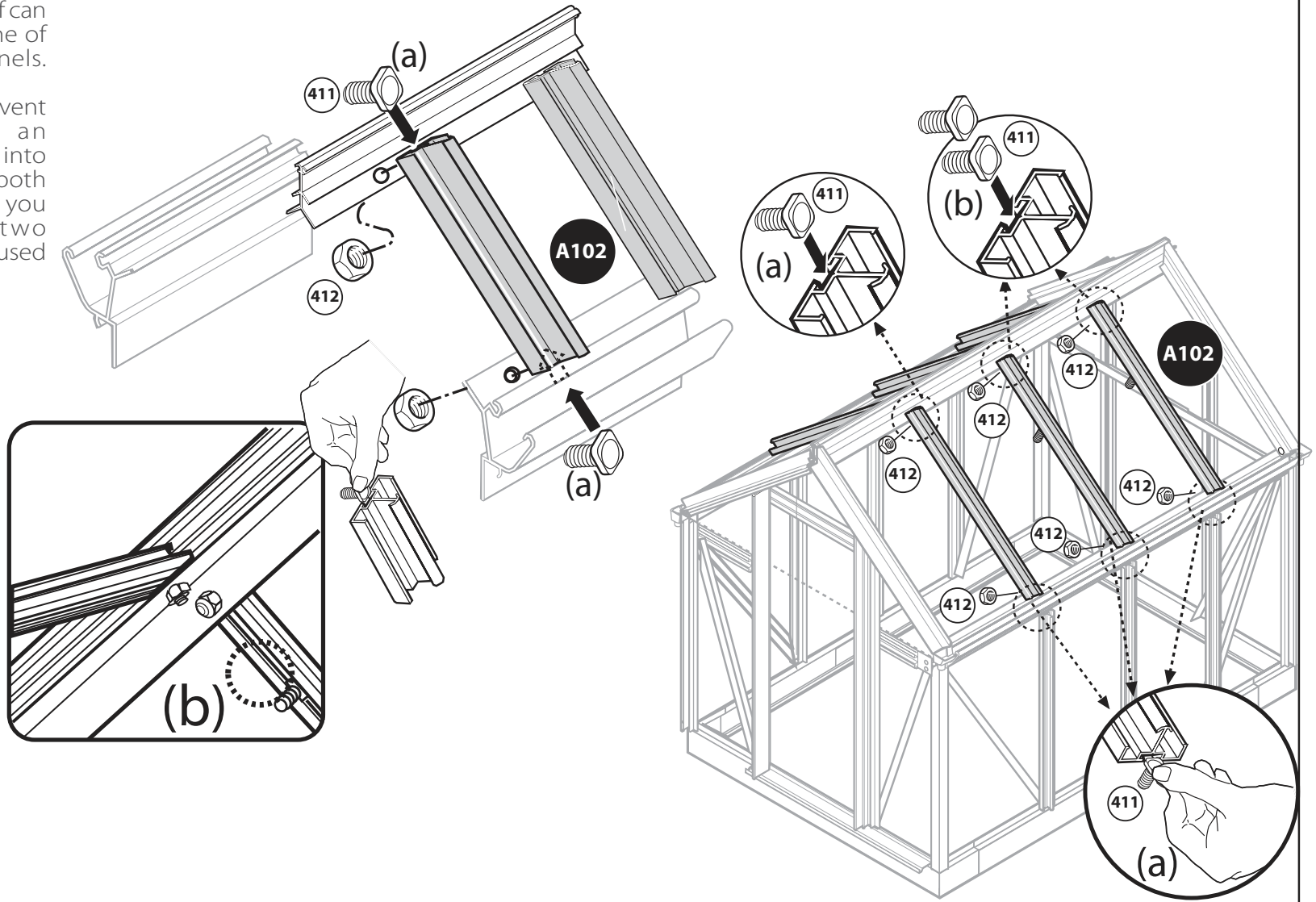
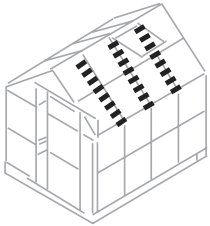


A102 / 6

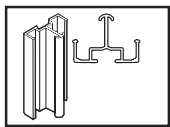


NOTE: The vent in the roof can be inserted replacing one of the middle sections panels.

In order to assemble the vent you have to insert an additional screw **411(b)** into two profile **A102(b)** on both sides of the vent before you connect it. These two additional screws will be used in the next step.

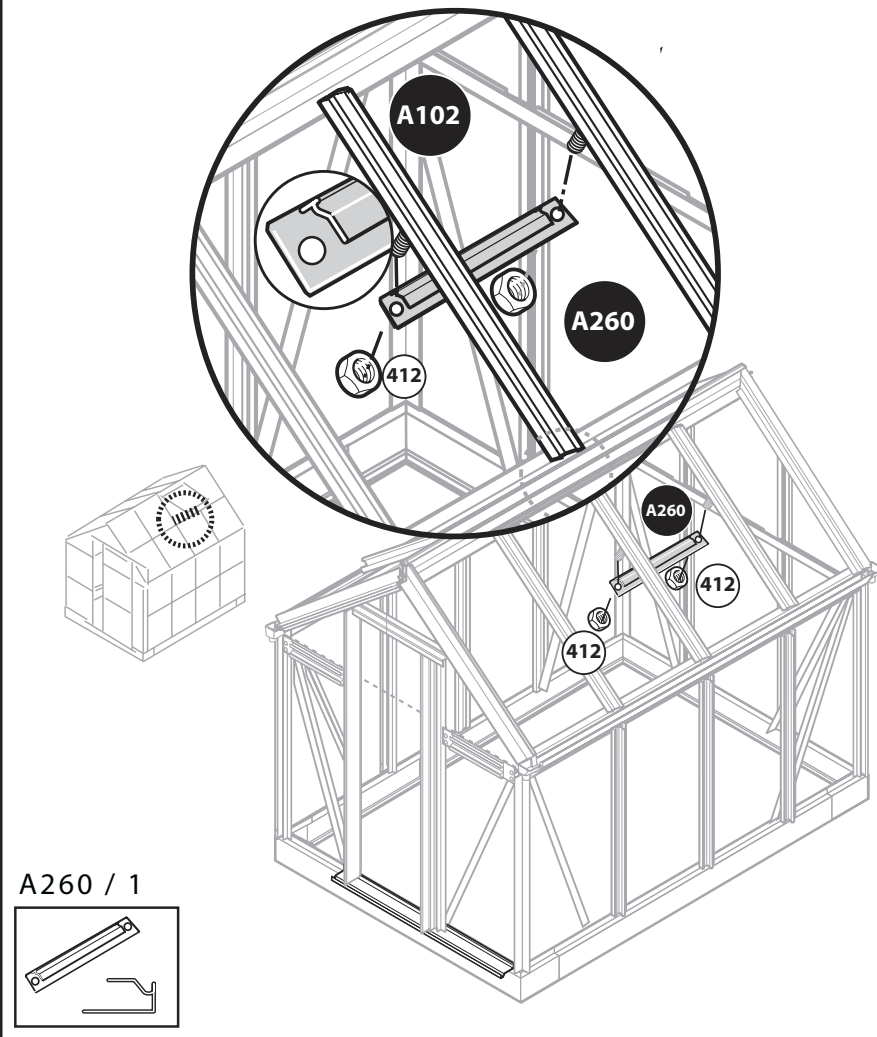


A102 / 6

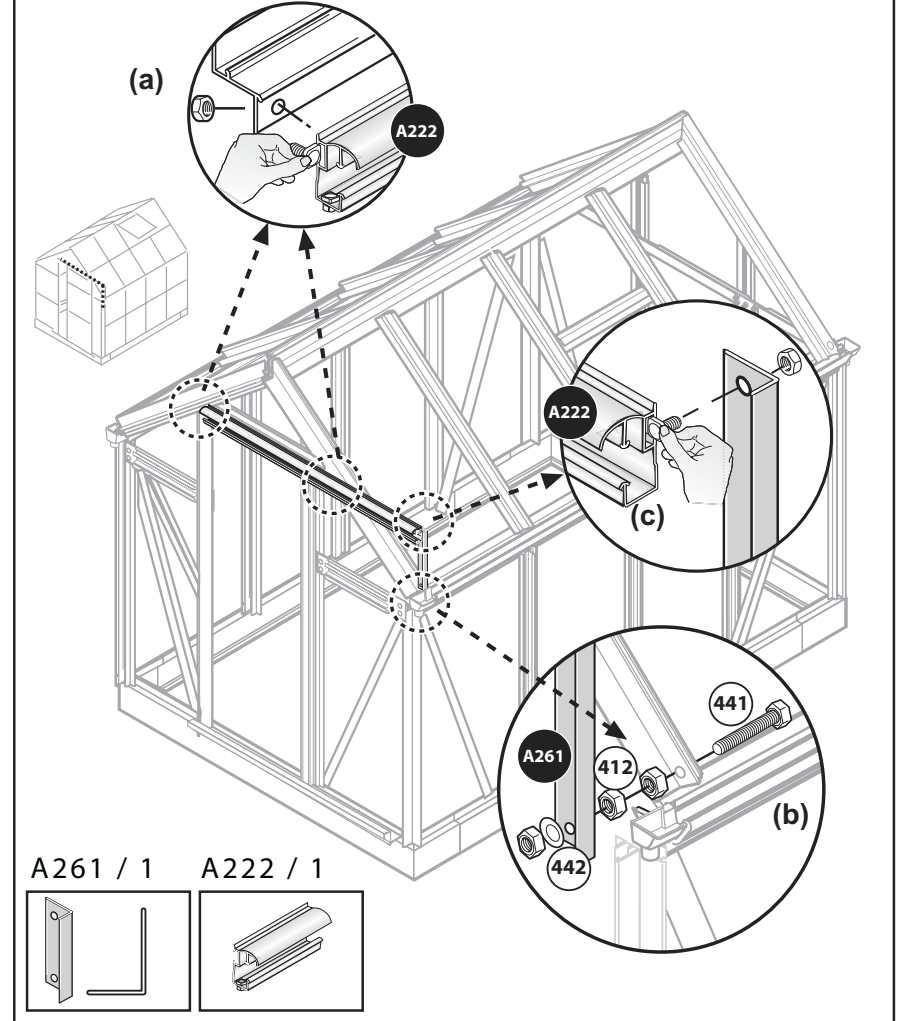


*Insert the screws from the outside, tighten nuts only 2-3 turns and leave loose.

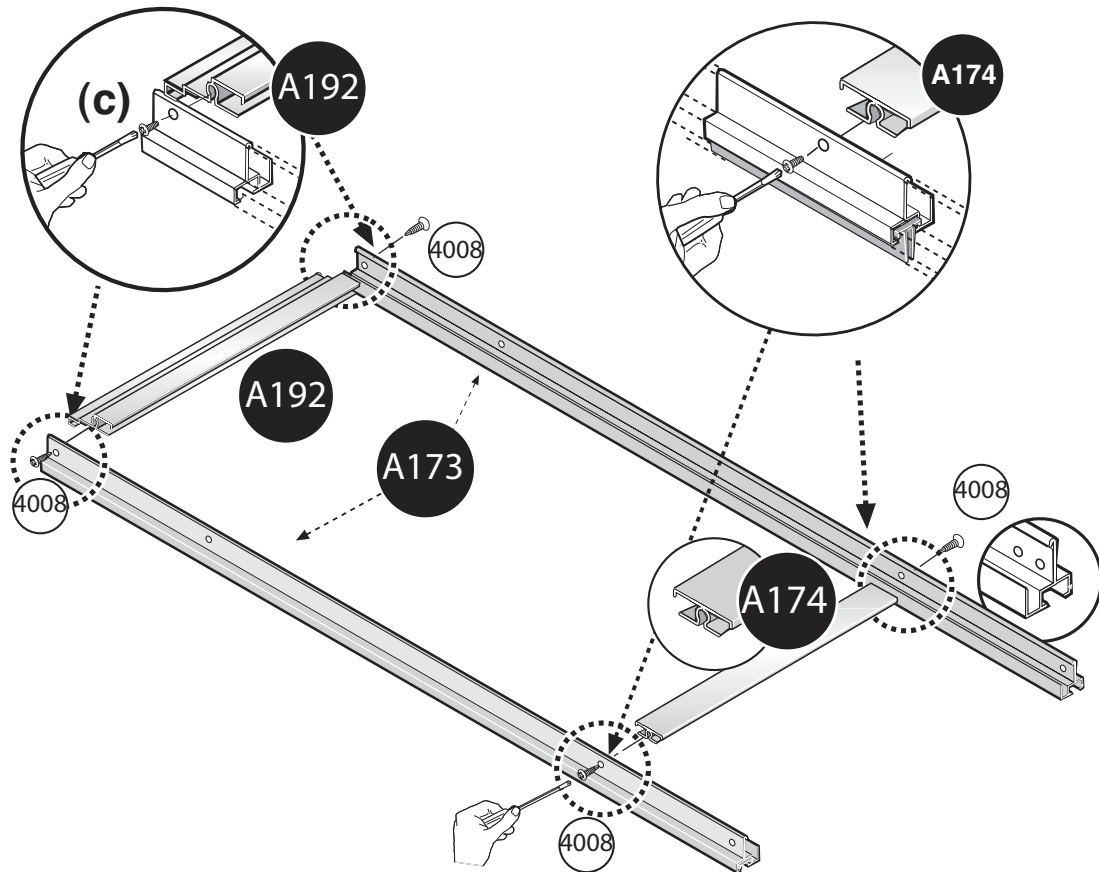
Assemble aluminum profile **A260** using the additional screws you inserted on the previous step.



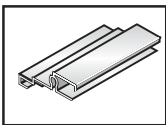
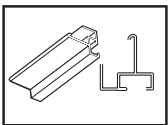
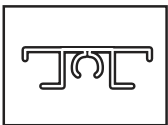
Assemble aluminum profile **A222** onto aluminum profile **A211(a)**. Connect aluminum profile **A222(b)** and aluminum profile **A261** to profile **A113(c)**.



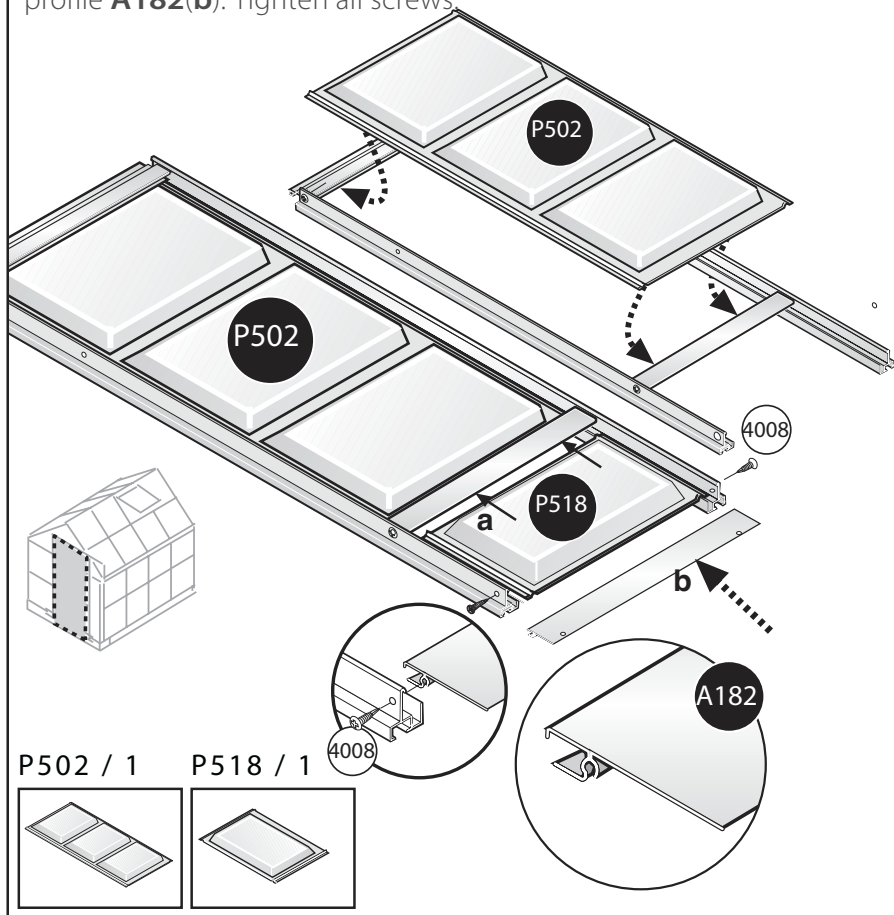
Lay profiles **A173**, **A174** and **A192** on a flat surface as shown below.
Connect and tighten all screws.



A174 / 1 A173 / 2 A192 / 1

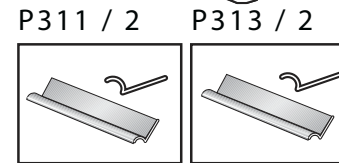
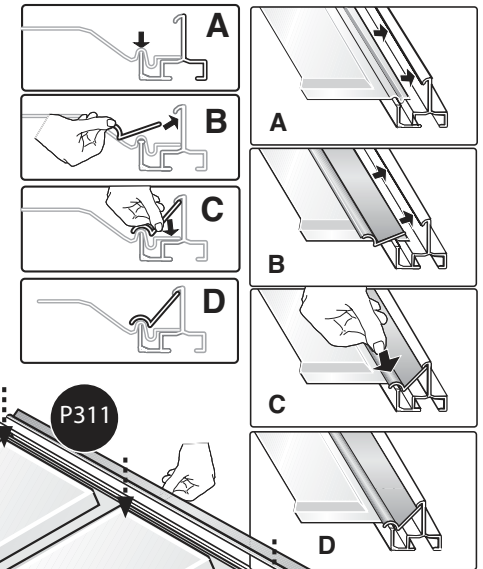


When inserting the panel to the door use a flat surface and if the panel does not fit properly, trim the lower and upper corners of the panel. Fit panel **P502** into place. Make sure the panel fits into the grooves in profiles **A192** and **A174**. Fit panel **P518** into the lower groove (a). Fit profile **A182** in place. Make sure panel **P518** fit into the groove in profile **A182(b)**. Tighten all screws.

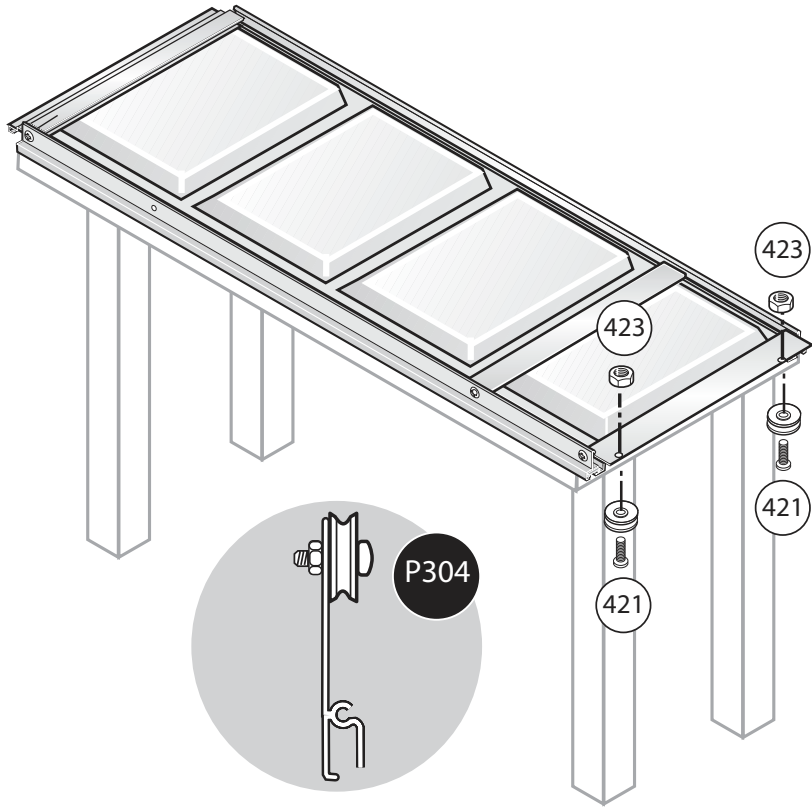


NOTE: Make sure the grooves on all both sides of the panel are properly positioned along the aluminum-extruded profiles.

During the assembly of plastic strips you must put pressure on them until they snap into place. Put the pressure at one end of the plastic strip and continue all the way to the other end.



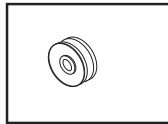
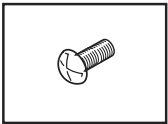
Connect the wheels **P304** using screws **421** and self locking nuts **423**.



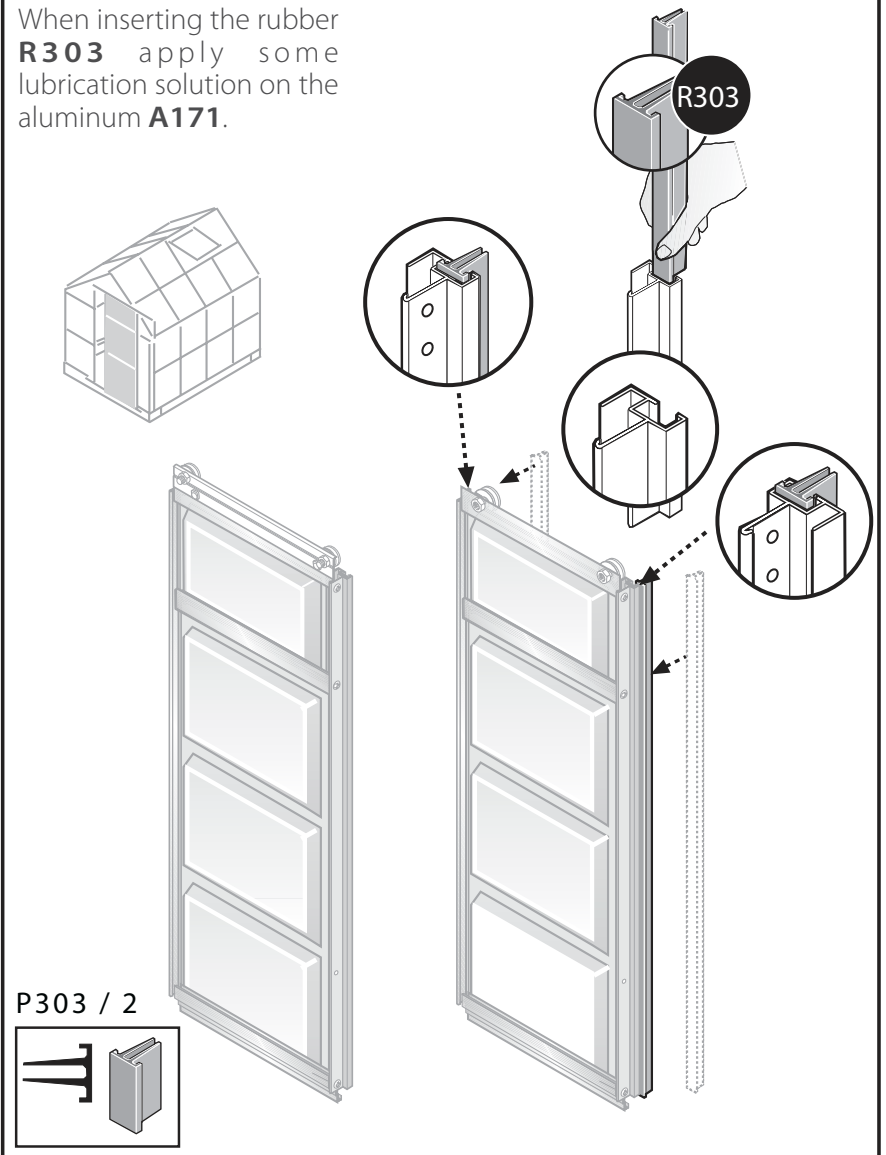
421 / 2

423 / 2

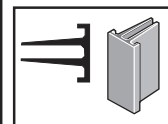
P304 / 2



When inserting the rubber **R303** apply some lubrication solution on the aluminum **A171**.



P303 / 2

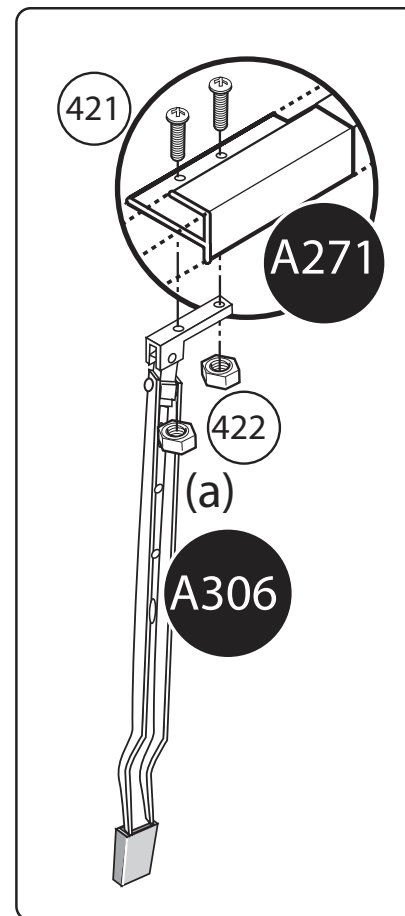
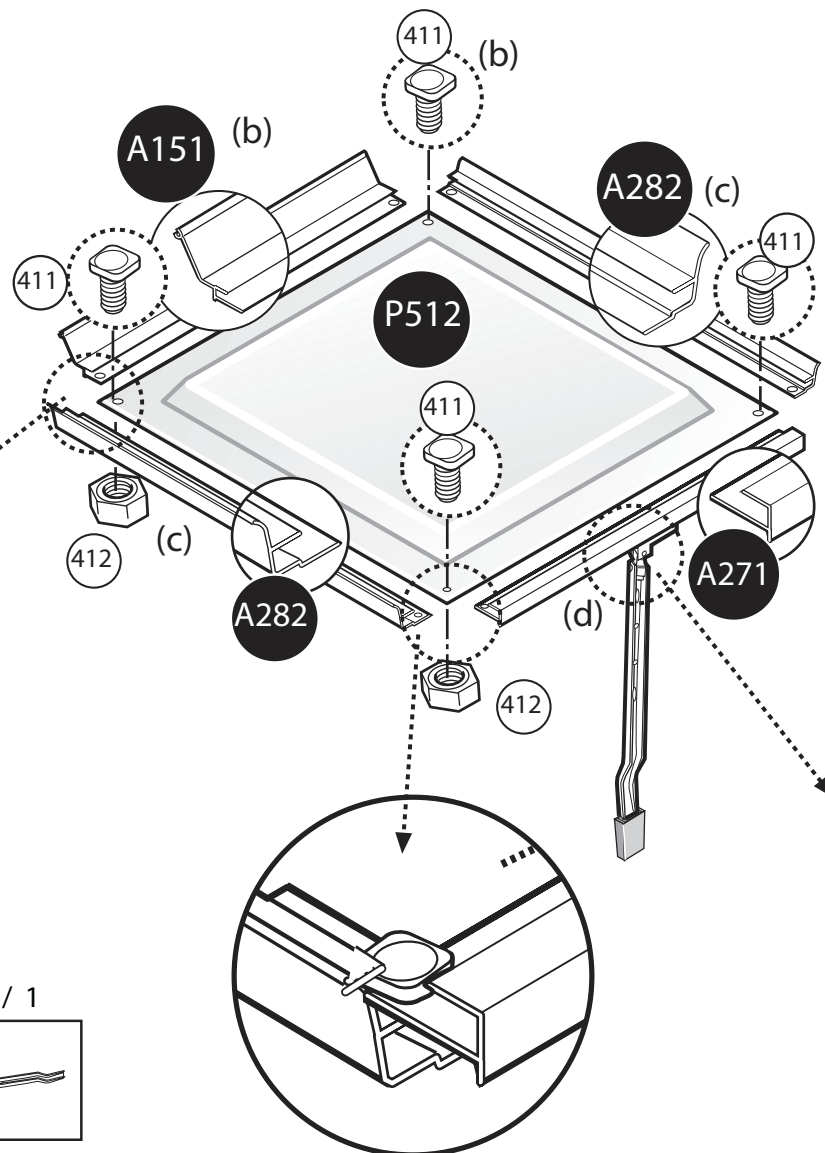


VENT SUBASSEMBLY

Assemble the handle **A306** to profile **A271** and tighten screws **421(a)** and nuts **422(a)**. Slide panel **P512** into the groove in profile **A151(b)**. Slide profiles **A282** on each side of panel **P512** until they fit the holes on profile **A151** ends and the two holes on panel **P512(c)**.

Connect corners with screws **411** and nuts **412**.

Slide the final profile **A271** (with the handle) until it fits the holes on both profiles **A282** and the two holes on the panel **P512(d)**. Connect corners with screws **411** and nuts **412**. Tighten all screws and nuts.

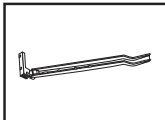
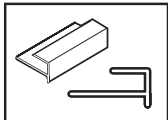
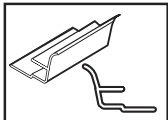
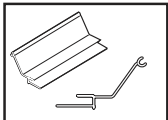


A151 / 1

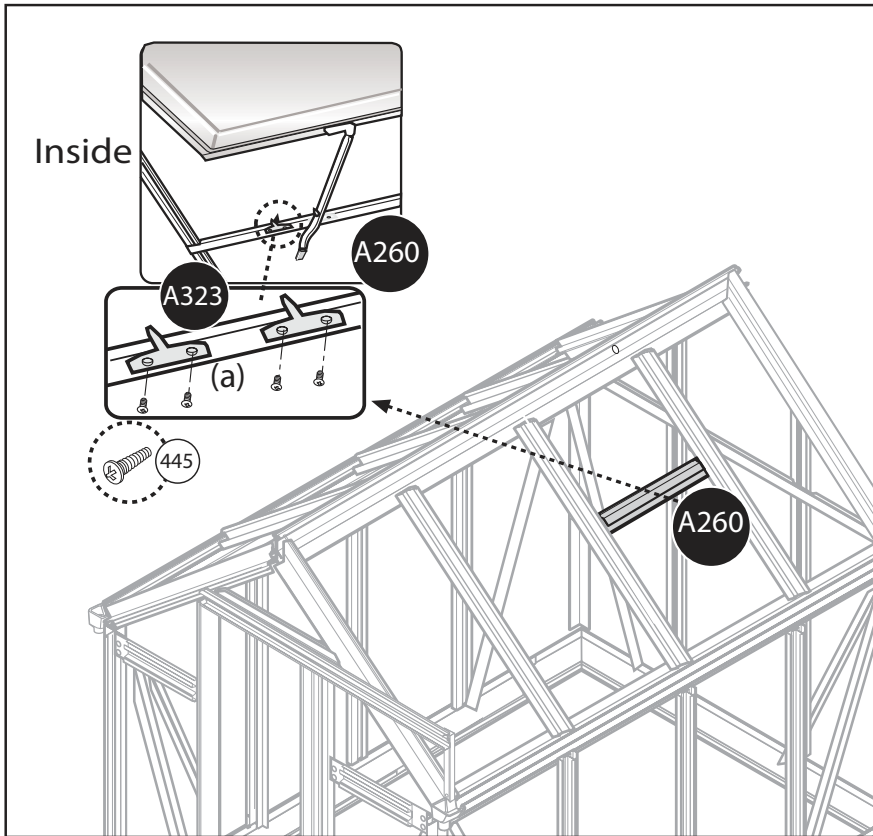
A282 / 1

A271 / 1

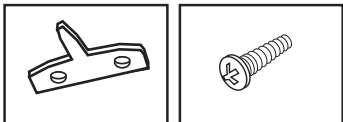
A306 / 1



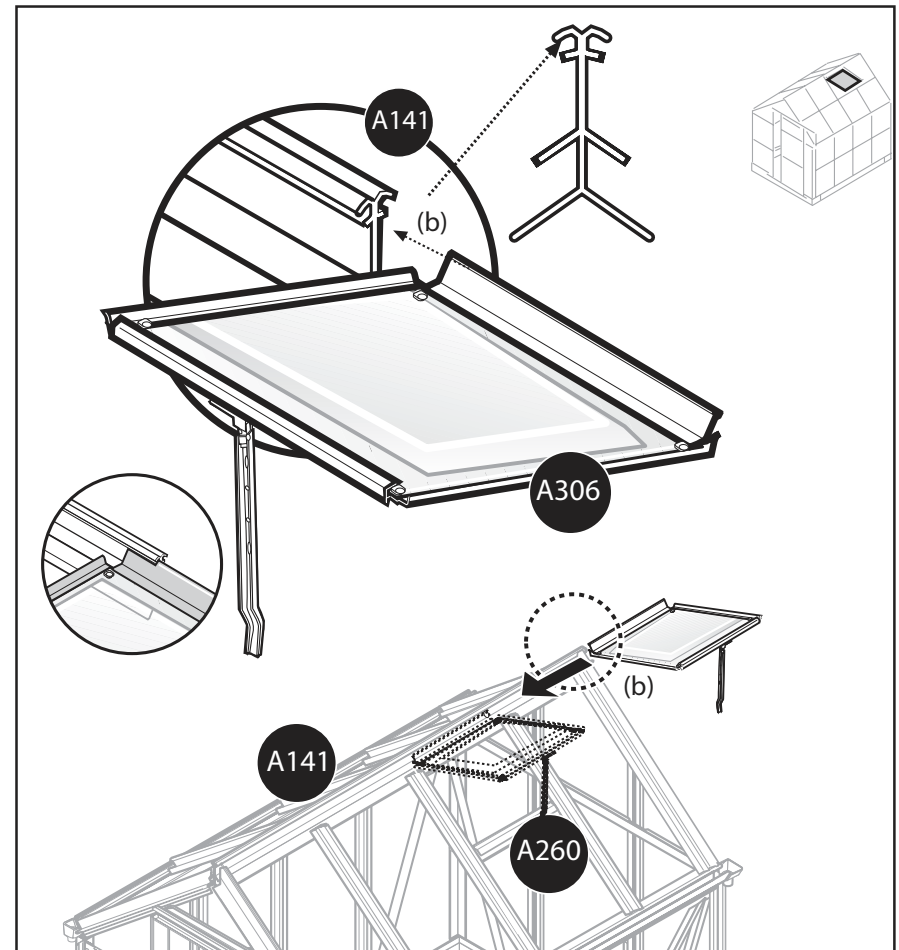
The brackets **A323** should be connected to profile **A260** using screws **445(a)**.



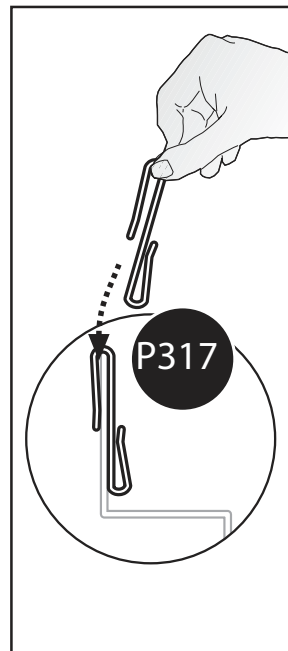
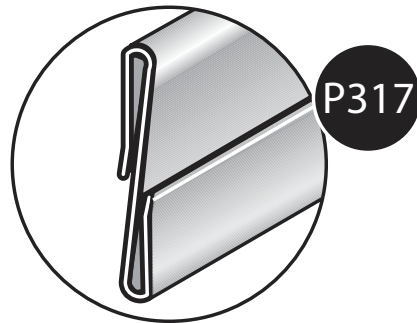
P323 / 2 445 / 4



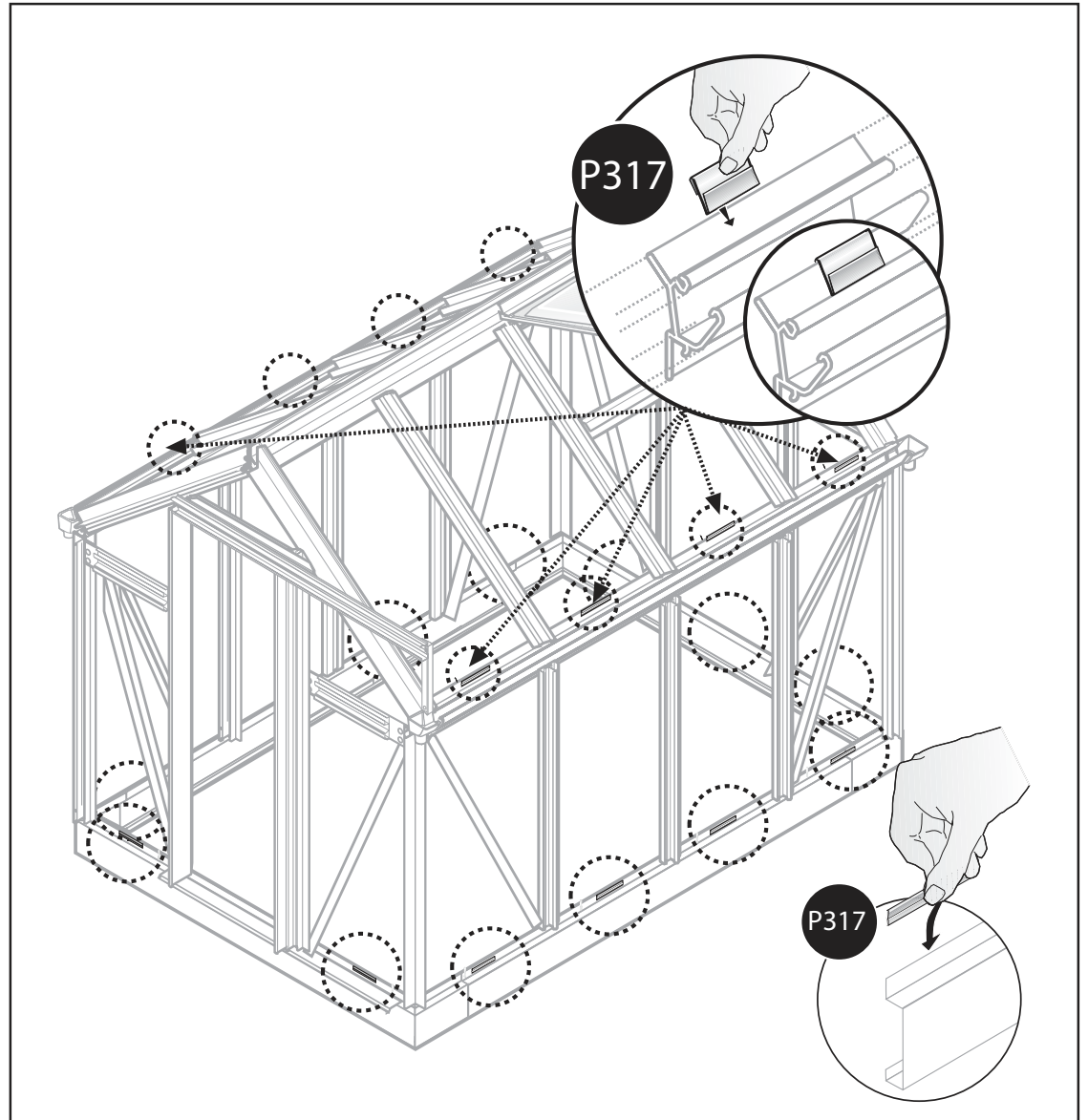
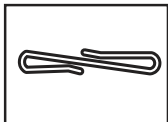
To install the vent on main beam aluminum profiles **A141**, hold it at an angle of 45° relative to the profile's plane. Slide it to the position between the two roof aluminum profiles **A102(b)**. The handle **A306** should rest on brackets (**A323**) when the vent is in the closed position. In the open position, the vent can be secured in one of several angles, by catching a selected hole in the handle with the protruding tip of brackets **A323**.



Noise reduction elements assembly. Put one part of **P317** in the middle of each section of the wall and the roof as shown in the picture below it will be used later on.



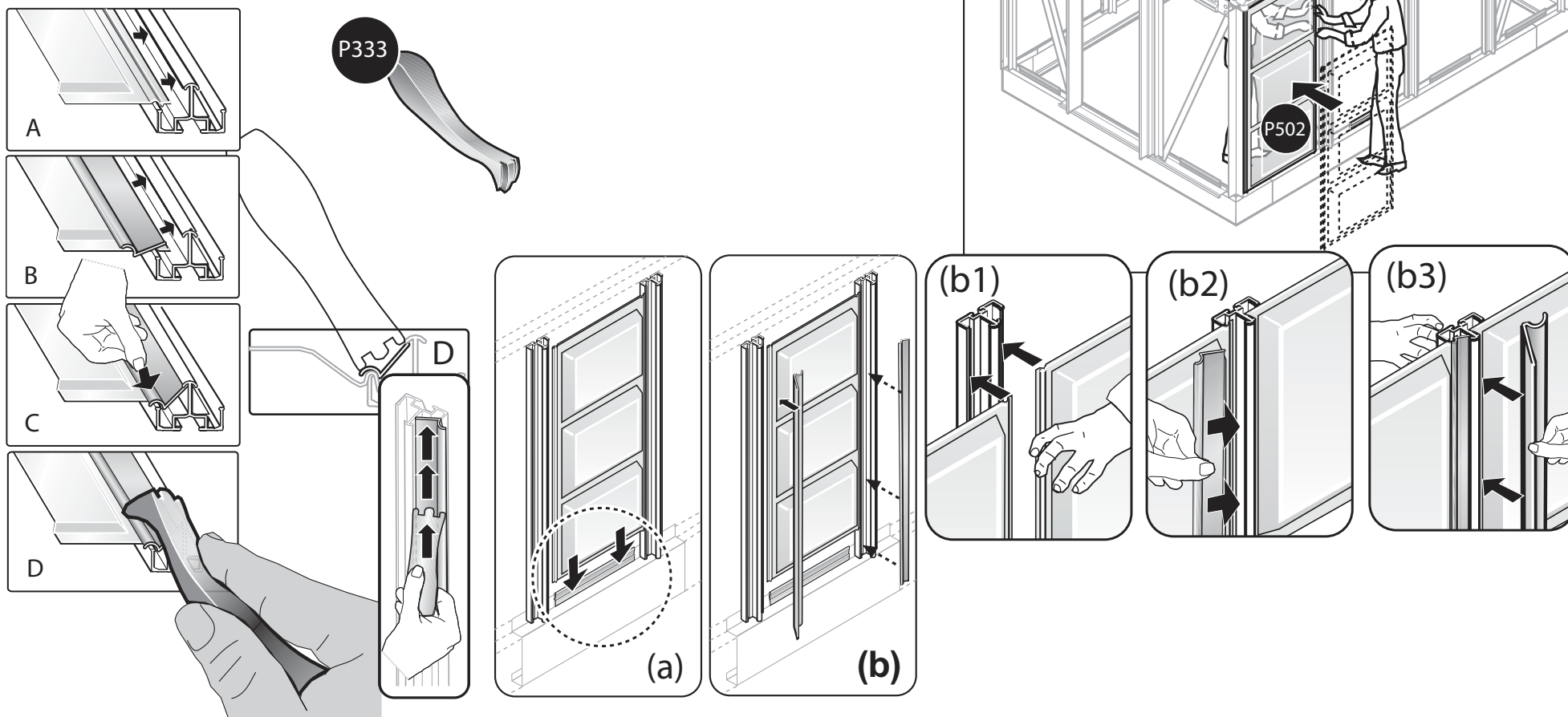
P317 / 21



Note: Make sure the panel is secure in **P317** plastic holder (a). Make sure the grooves on both sides of the panel are properly positioned along the aluminum – extruded profiles.

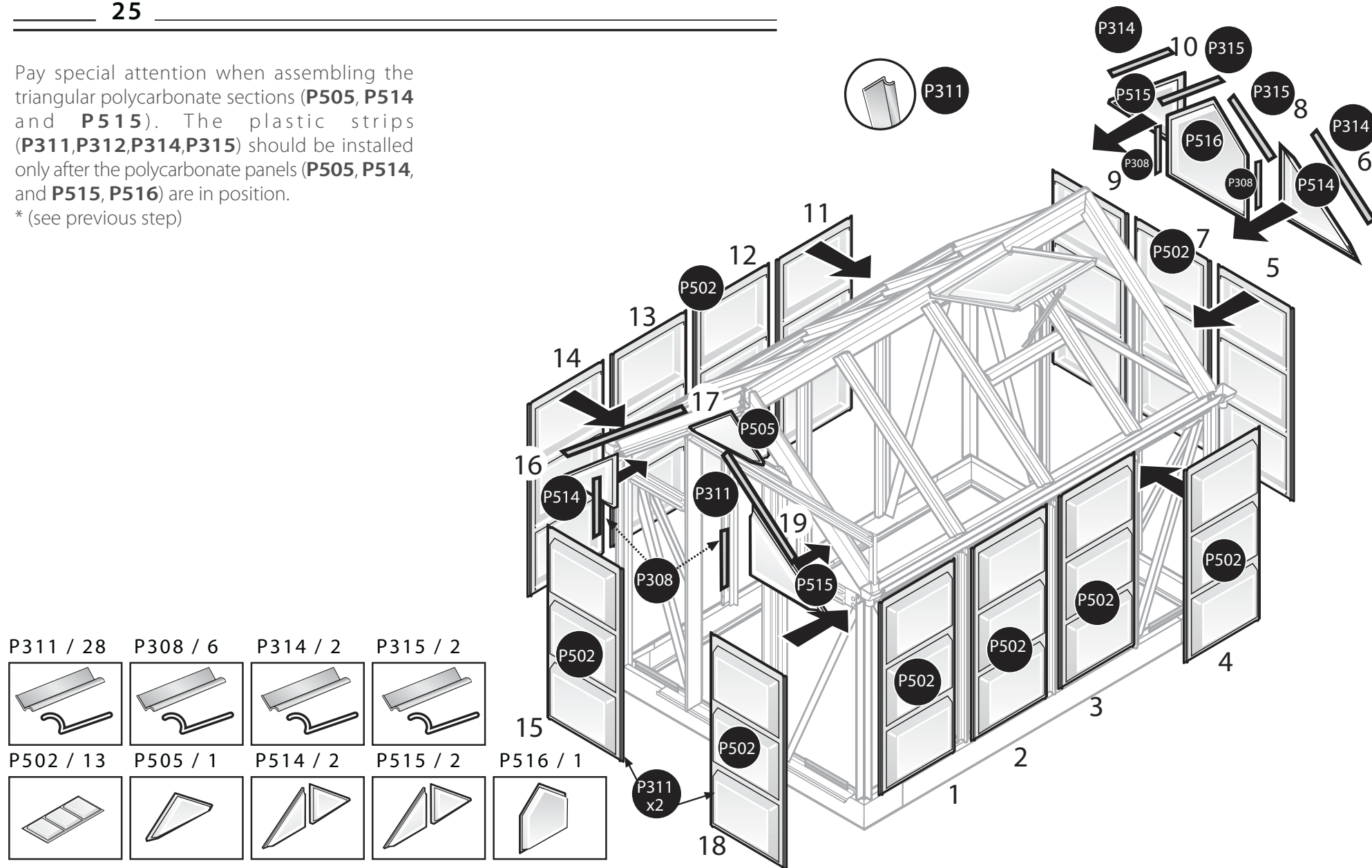
* See also next step.

During the assembly of the plastic strips you must put pressure on them until they snap into place. Put the pressure at one end and continue all the way to the other end-using tool **P333**, as shown below.

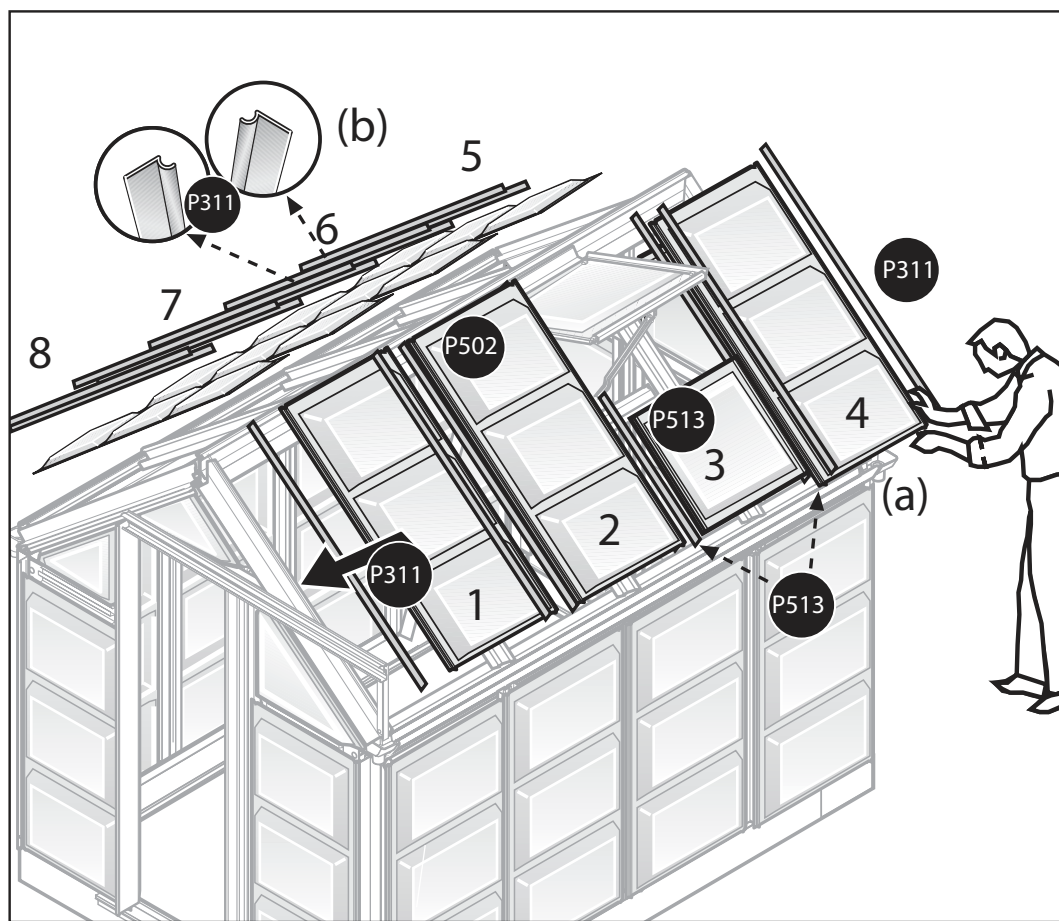
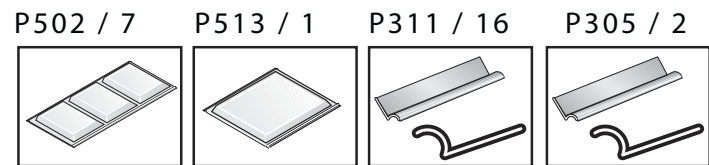


Pay special attention when assembling the triangular polycarbonate sections (P505, P514 and P515). The plastic strips (P311, P312, P314, P315) should be installed only after the polycarbonate panels (P505, P514, and P515, P516) are in position.

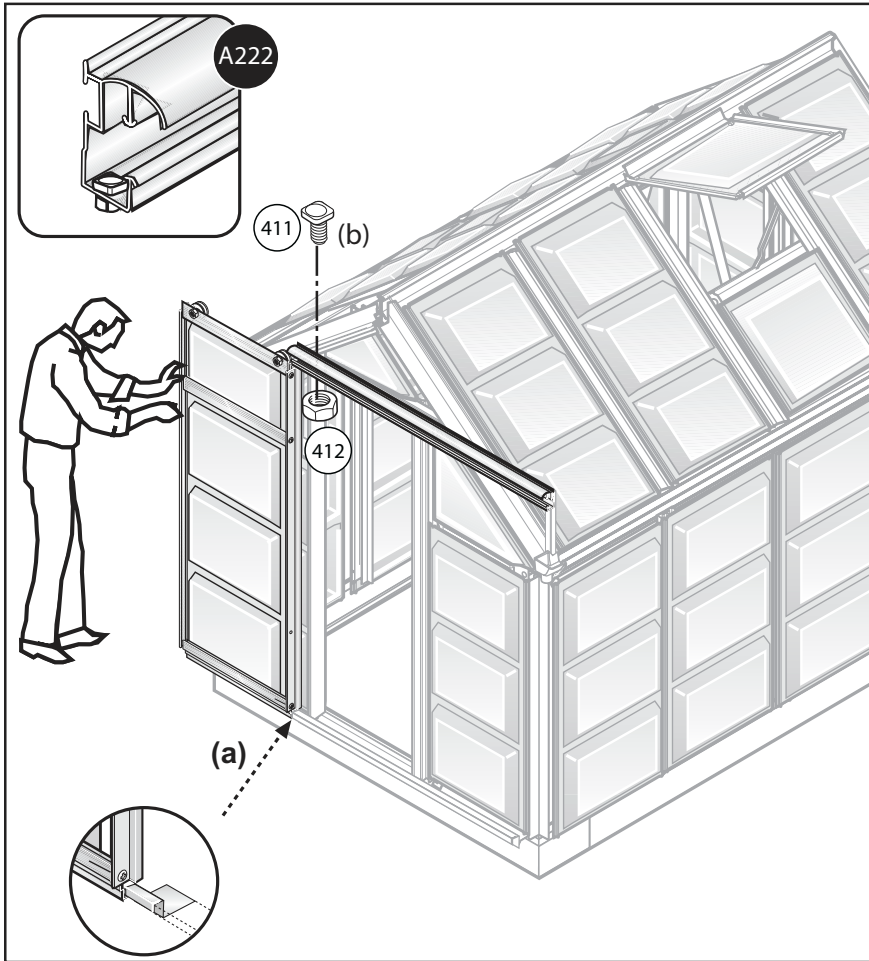
* (see previous step)



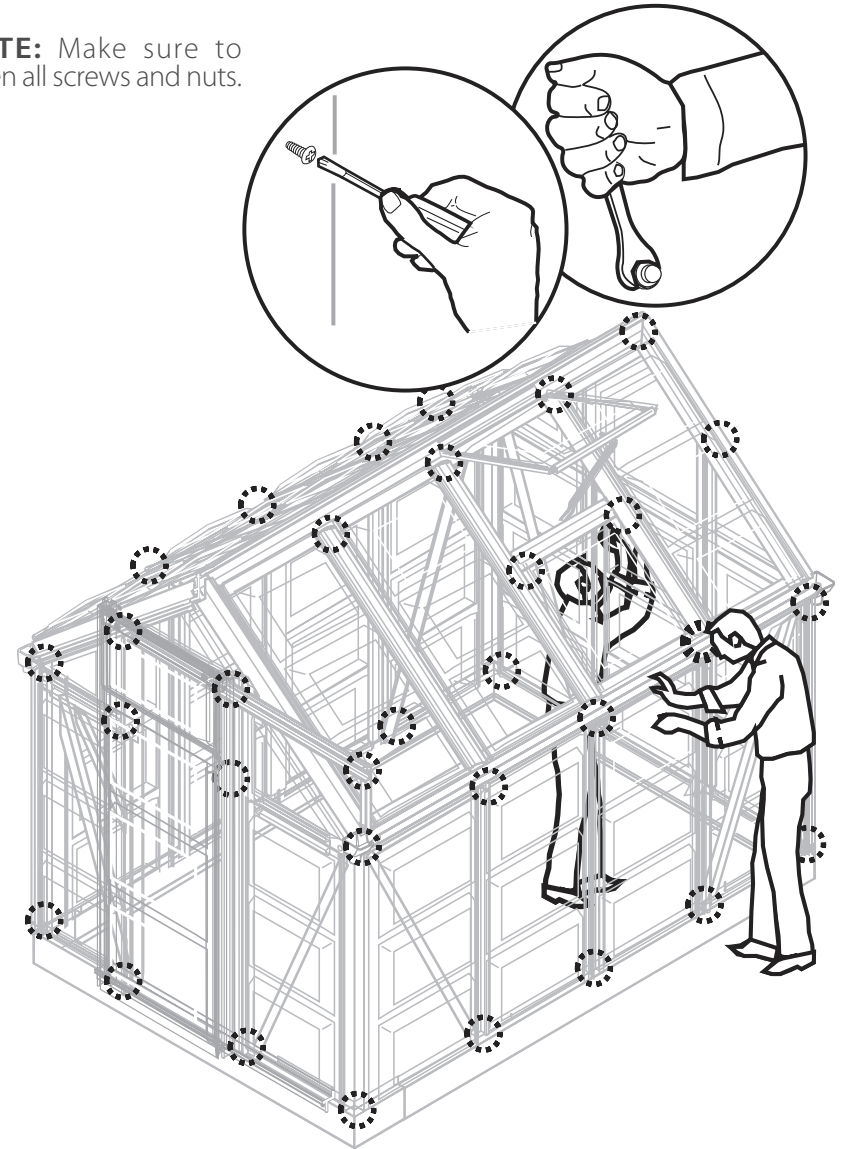
When you mount the polycarbonate panels on the roof, insert the panels by sliding them into the gutter and the plastic holder **P317** assembled erlear. The plastic holder **P317** must be pushed in the groove of the gutter.

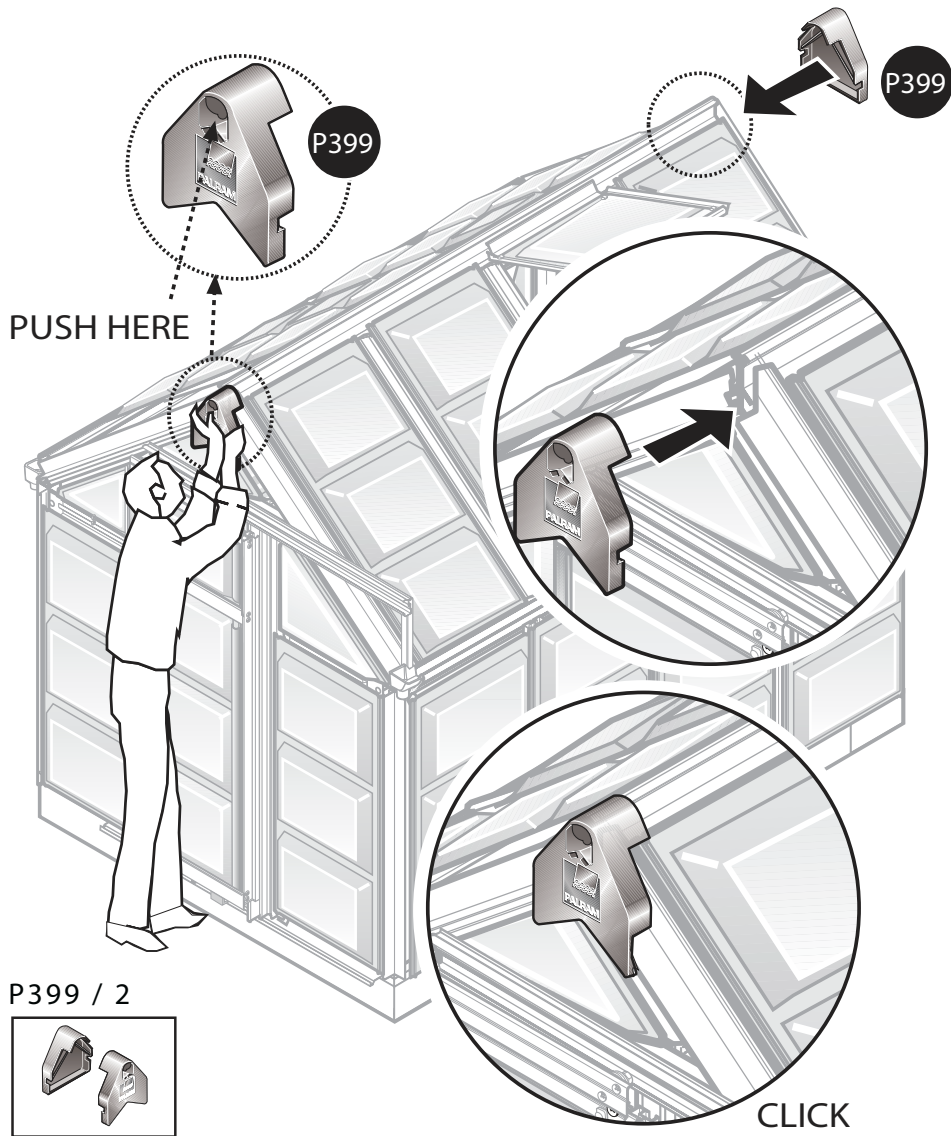


Insert the door lower track **A192** inside the special aluminum rail **A162** (a), simultaneously with the door wheels into the upper track **A222**. After you assemble the door to its place, assemble screw and nut **411,412** into the door stopper hole on profile **A222(b)**.



NOTE: Make sure to fasten all screws and nuts.





FIRMLY CONNECT the greenhouse to leveled final position IMMEDIATELY after completion of the assembly, to withstand high winds effects.

The pegs **M307** (spikes) are assembled from the inside of the greenhouse. Make sure to use the pre-punched notch in the bottom of the base.

