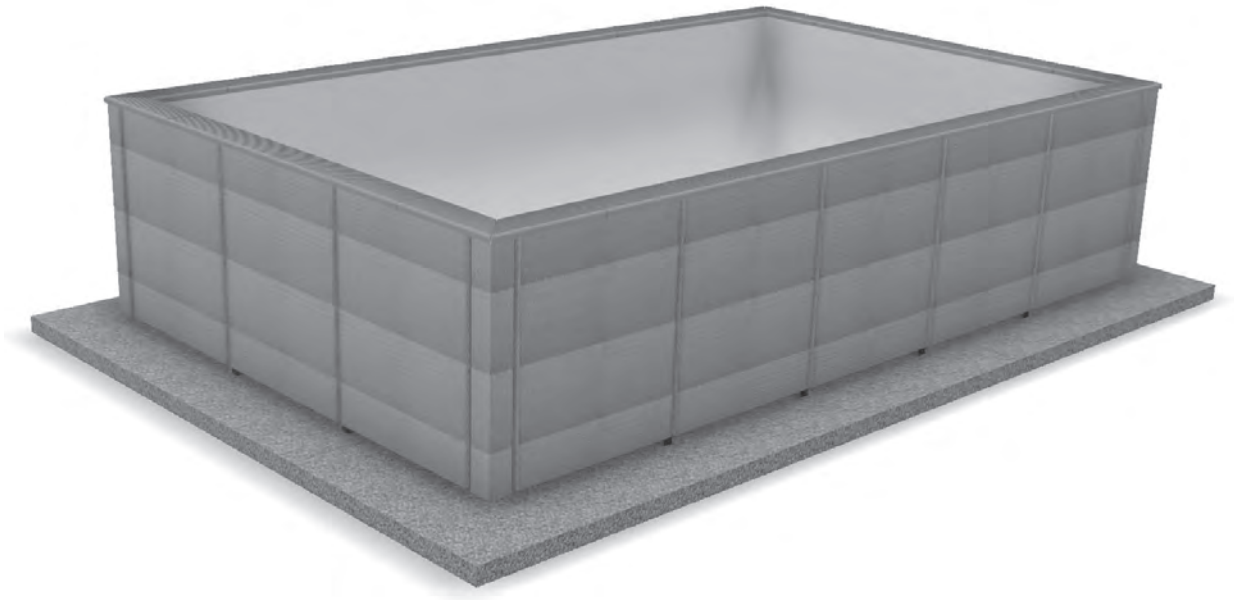
LAGHETTO

ASSEMBLY INSTRUCTIONS & OWNER'S MANUAL



Dolce Vita | RATTAN

ABOVE GROUND POOL

⚠ ATTENTION

FOR YOUR SAFETY - Ensure that the water level in your pool is maintained at the correct level for safe operation of the filtration system. Never leave your pool empty. This can result in severe damage to your pool liner.

Never dive or jump into a modular pool and never walk or sit on the top deck as it is very dangerous and serious injuries may occur. Failure to adhere to instructions concerning maintenance, safety, assembly, start-up and use could pose serious health risks, especially to children. Your pool is designed to provide years of enjoyment, as long as it is carefully and correctly installed and maintained. Read and make sure you understand the instructions before you start. Work step by step, and take your time.

H0781500_REVA

Table of Contents

Section 1. Important Safety Instructions

READ AND FOLLOW ALL INSTRUCTIONS

⚠ WARNING

BEFORE ASSEMBLING AND USING THIS PRODUCT, CAREFULLY READ THE INSTRUCTION MANUAL AND KEEP IT FOR FUTURE REFERENCE.

- Children must be constantly watched by an adult when the product is in use.
- To prevent any accident, always keep children under control.
- Diving or jumping is strictly forbidden: water is too shallow. Permanent injury or death can result!
- To prevent entrapment or drowning do not swim through, behind or around the ladder.
- Always check the steps solidity before climbing the ladder.
- Regularly check all accessible surfaces and the integrity of the pool's structural parts to avoid injury or damage.
- Keep all objects (floating toys etc.) away from the skimmer with the pump switched on.
- Never place your hand or arm in the skimmer while the pump is on.
- DON'T SIT ON IT OR PUT ANY OBJECT (BALL OR FLOATING ITEMS) TO AVOID PERSONAL INJURY OR DAMAGES TO THE FILTRATION SYSTEM.
- The filter pump is for fixed installations only and to be used in conjunction with the swimming pool equipment (e.g. filters) The pump is to be installed in accordance with the relevant requirements of the Australian wiring rules AS/NZS 3000. The pump is to be supplied through a residual current device (RCD) with a rated residual operating current of 30mA.
- The filter pump system should be installed at a minimum distance of 3.5 metres from the edge of the pool in order to avoid projections of spray onto the appliances. Please refer to AS/NZS 3000 standards or your electrician.
- Any misuse of the product which does not conform to the instructions in this manual may void the warranty.

SAVE THESE INSTRUCTIONS

⚠ WARNING

Read carefully and follow all the information in this user manual before installing and using the pool. These safety warnings, instructions, and guidelines address some common risks linked to aquatic recreational activities, but they cannot account for all risks and hazards. Always proceed with caution and common sense when enjoying water activities. Please retain this information for future use.

IMPORTANT POINTS

COMPLIANCE & REGULATION

When installing a new pool, you must comply with your local safety regulations and codes. As these regulations vary from council to council it is a must that you check with your local council what the requirements for your site are, i.e. fencing requirements, landscaping etc Note that complying with local regulations and codes are your responsibility, however your private certifier or local council authority will be able to provide, or step you through any requirements.

INSTALLATION

Proper installation procedures are essential to ensure the best performance and durability of our pools in service. It is strongly recommended that only reputable licenced and insured professional installers undertake the work ensuring that it complies with the instructions contained in this manual and that all works carried out are in compliance with local legistation.

IMPORTANT

This pool has been designed and engineered (which complies with an approved engineer certificate). Installation of the pool should be as shown in the assembly manual. Any deviation from this manual could cause serious injury and void warranty of the pool.

SAFETY FIRST!

Never under any circumstance stand, walk or sit on the top decks. Any fall could result in spinal or neck injuries and/or possible drowning. Always enter the pool via the step entry system or ladder provided with your pool. Do not jump or dive.

Always make sure that children are supervised whilst in the pool area and make sure that pool fencing and gates are adequate barriers to your children when the pool is not being supervised. Pool fencing must apply with AS/NSZ 1926.1 Safety barriers for swimming pools.

Always follow the instructions contained in this manual. Incorrect installation can lead to product failure and warranty voids. Please respect that your pool can be holding up to 20 tonnes of water! Make sure that when joining the pool wall all bolts and nuts are used and tightened/ correctly.

To prevent children from drowning, make sure that the access to the pool is safe by installing a protective device.

Protective devices ensuring safe access to the pool can be fences, barriers, etc.

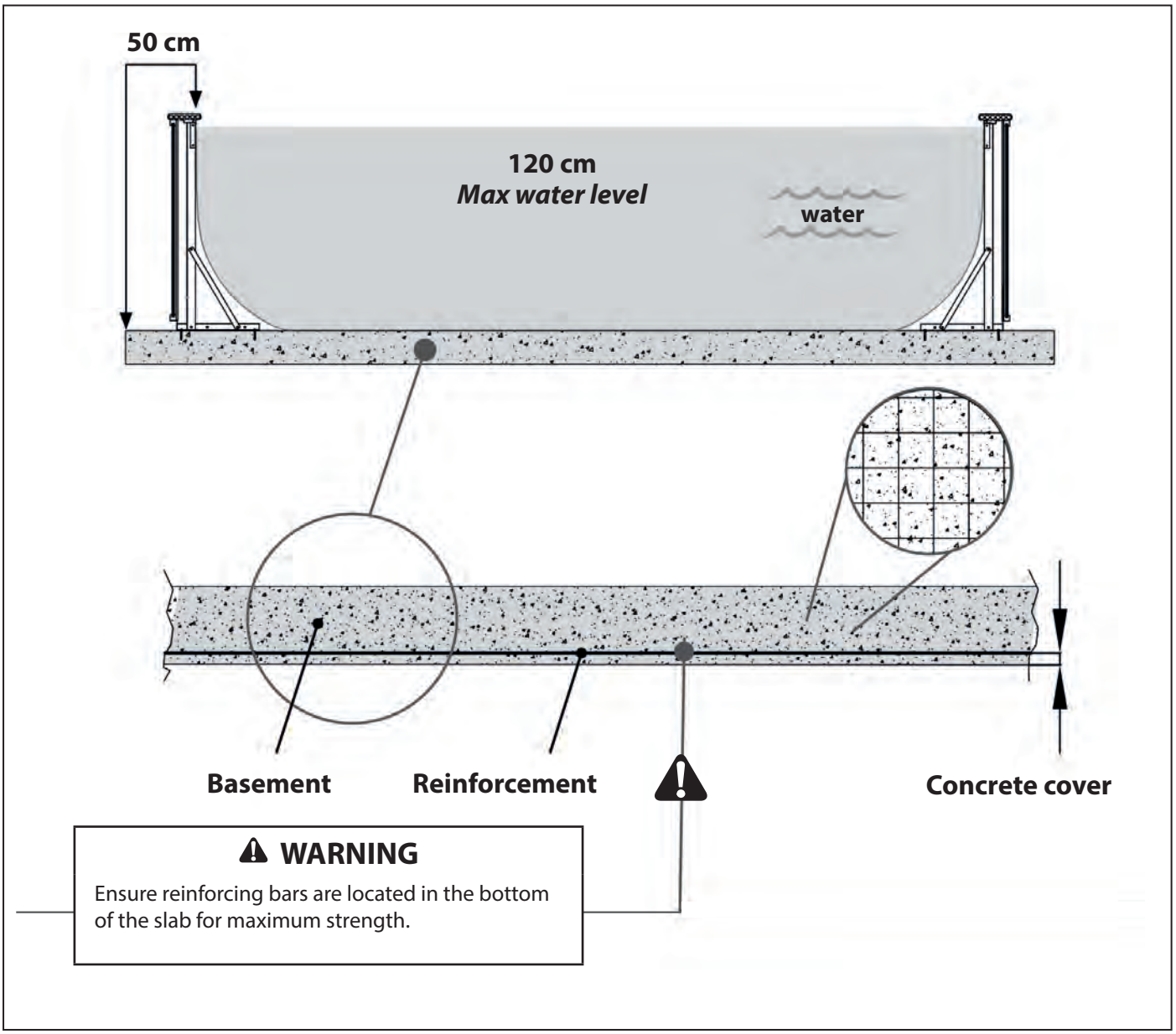
Wear individual swim aids.

Use the signs as outlined below;

Signs must be displayed in a prominent position within 2 m of the pool.

Section 2. Assembly on a Concrete Slab

2.1 Concrete Slab



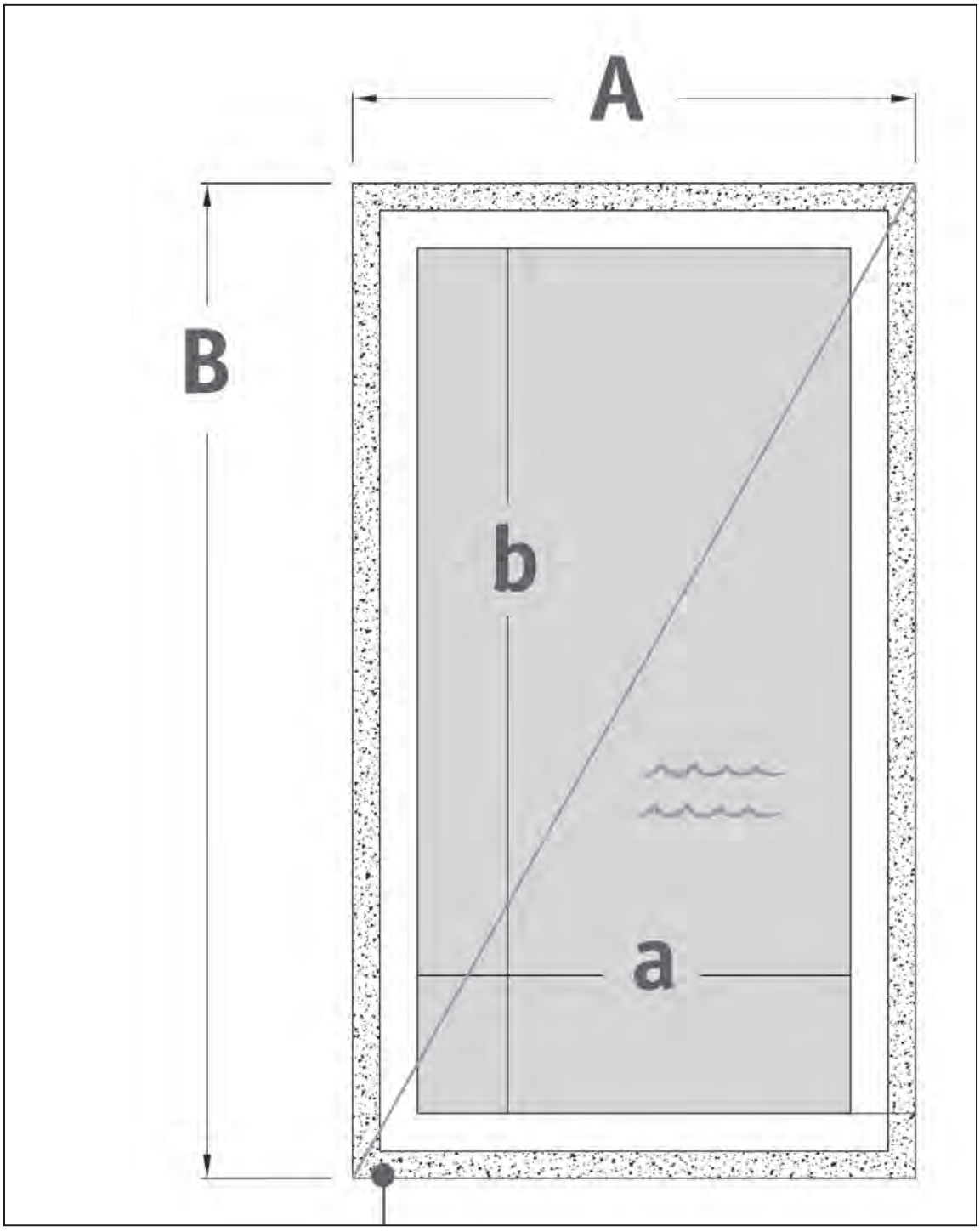
2.2 General Requirements

- Consult the local building code for any applicable installation requirements.
- Check with your engineer or private certifier on the optimal requirements for your installation.
- Ensure the concrete slab is rectangular with the same diagonals and that it can support a load of 1300 kg by square meter from water weight.
- Concrete slab must be secured in case of geological instability.
- Slab surface should be smoothed like plaster with no sharp edges.
- Tolerance gradient of the perimeter of slab = ± 1 cm.

2.3 Slab Requirements

- +100mm to the overall dimensions of the Dolce Vita pool
- Dolce Vita 4 x 2 minimum required slab size is (B) 4.35M x (A) 2.35M. Total area = 10.2M²
- Dolce Vita 5 x 3 minimum required slab size is (B) 5.35M x (A) 3.35M. Total area = 17.9M²

2.4 Concrete Slab Sizes

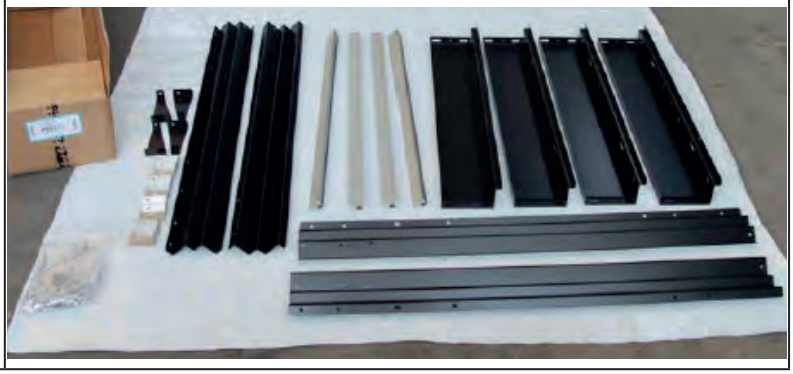


2.5 Package Contents

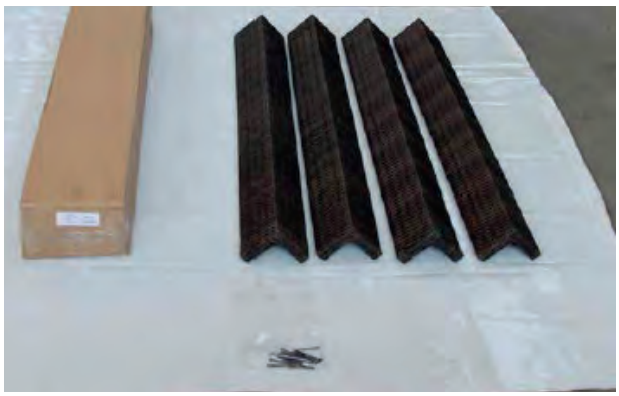
DVCBOLR100	Plastic Wood Finish Side Wall Trim
(4 x 2 POOL) - 8 pcs (5 x 3 POOL) - 12 pcs	

DVCBOLRANG	Plastic Wood Finish Corner Wall Trim
(ALL POOLS) - 4 pcs	

PDVC4M	Leg and Wall Assembly
(4 x 2 POOL) - 2 bxs (5 x 3 POOL) - 3 bxs	

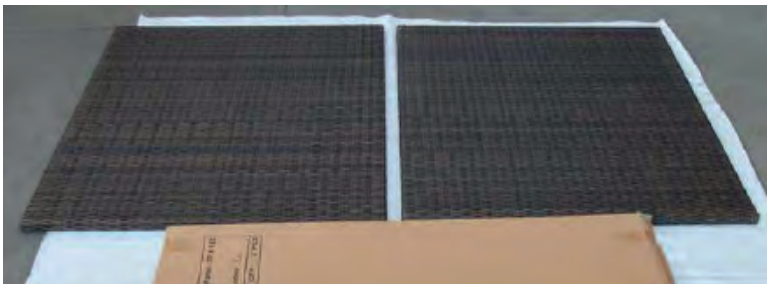
PDVCPB	Corner Assembly
(ALL POOLS) - 1 bx	

ASP3P9M	Manual Cleaning Kit
(ALL POOLS) - 1 bx	

DVPAFIA	Corner Rattan Pieces
(ALL POOLS) - 4 pcs	

PDV11SP4M	Rattan Panel Supports
(4 x 2 POOL) - 4 pcs (5 x 3 POOL) - 8 pcs	

PDV11SP6M	Rattan Panel Supports
(5 x 3 POOL) - 12 pcs **only**	

DVPAFI100	Rattan Panels
(4 x 2 POOL) - 12 pcs (5 x 3 POOL) - 16 pcs	

VADVC35BIT	Pool Liner
(ALL POOLS) - 1 pc	

DVCKITFFLA - DVCKITFFL6M	Corner Hardware Kit
(ALL POOLS) - 1 bx	

DEKI1DV	Plumbing Assembly
(ALL POOLS) - 1 bx	

ACFLPBUP	**Lighting Kit** (contents may vary slightly from image)
(ALL POOLS) - 1 bx	

DVCSTP	**Overflow Assembly**
(ALL POOLS) - 1 bx	

SCDVCBC	**Ladder Platform Kit**
(ALL POOLS) - 1 bx	

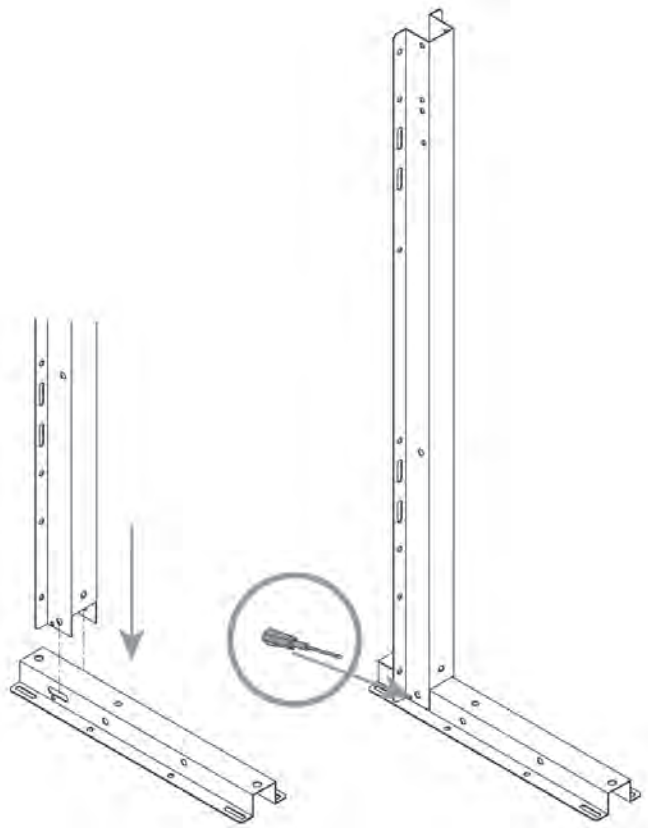
SCDVC17SB	**Ladder Rails Kit**
(ALL POOLS) - 1 bx	

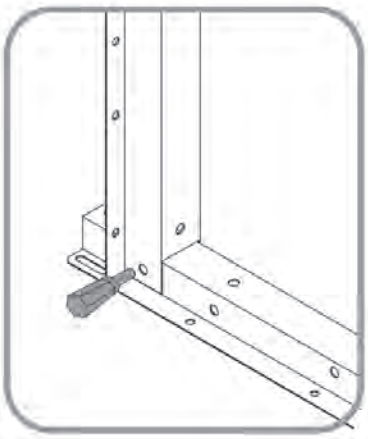
Socket Fitting (connects flexible pipe to filtration equipment)	
40 mm fitting - 4 pcs	

Section 3. Pool Parts Assembly

The following section of the manual will show how to construct the major sections of the pool. It is advisable to set up an area on the ground or on a large table to make all the necessary pieces. Build one piece and use it as a template guide for the others, ie., build one of the leg supports and use as a guide to build the other leg supports etc.

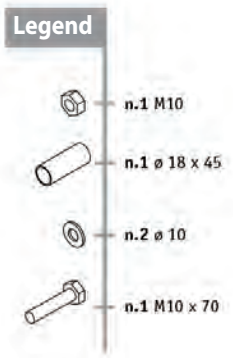
3.1 Support Leg Assembly

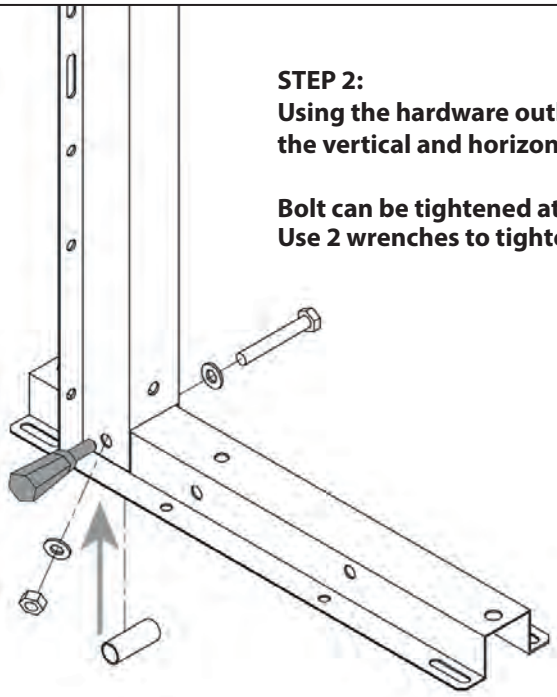




STEP 1:
Use a screwdriver as a stopper to connect the vertical leg post to the horizontal post.

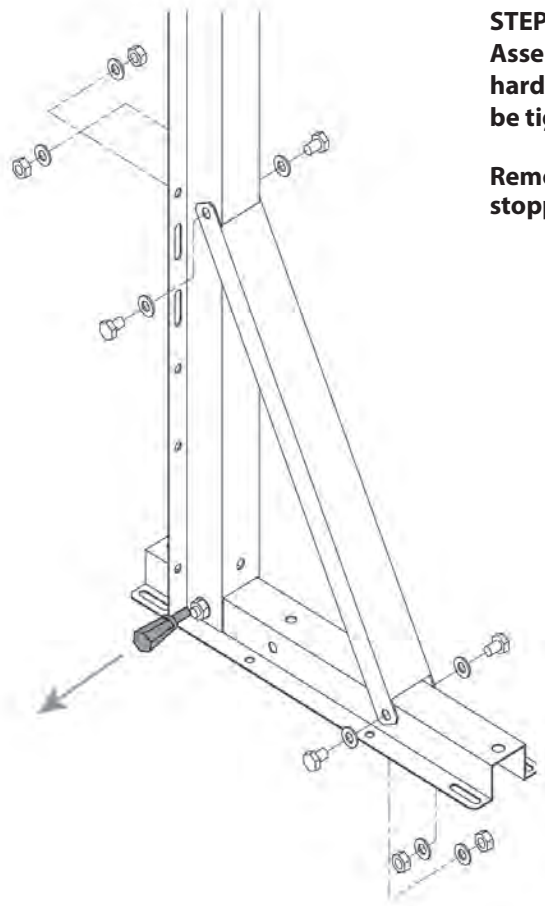
This temporarily prevents parts from separating and aids in the assembly during the next few steps.





STEP 2:
Using the hardware outlined, secure the vertical and horizontal frame.

Bolt can be tightened at this stage. Use 2 wrenches to tighten.

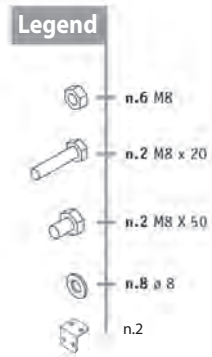


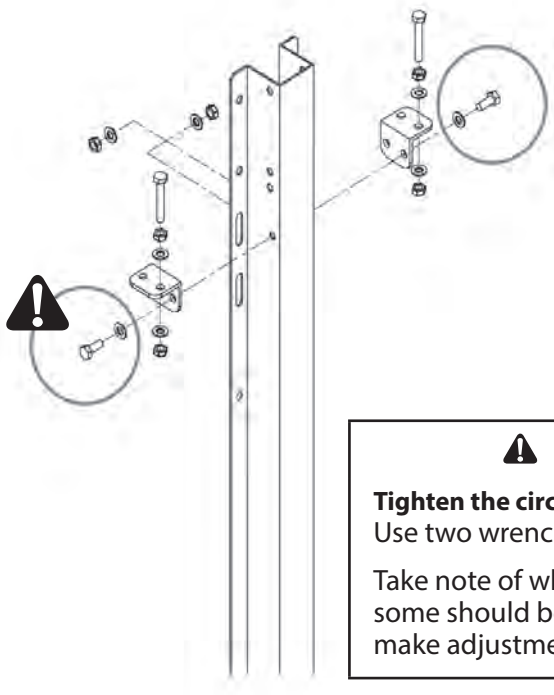
STEP 3:
Assemble the cross brace using the hardware outlined. These bolts can be tightened at this stage.

Remove the screwdriver used as a stopper.

3.2 Fastening and Alignment Kit Assembly

The fastening and alignment kit allows you to vertically adjust the height of the crossbar between each support leg assembly.

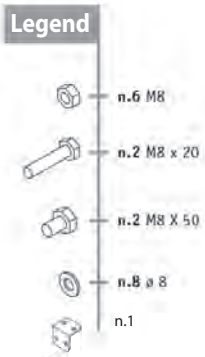


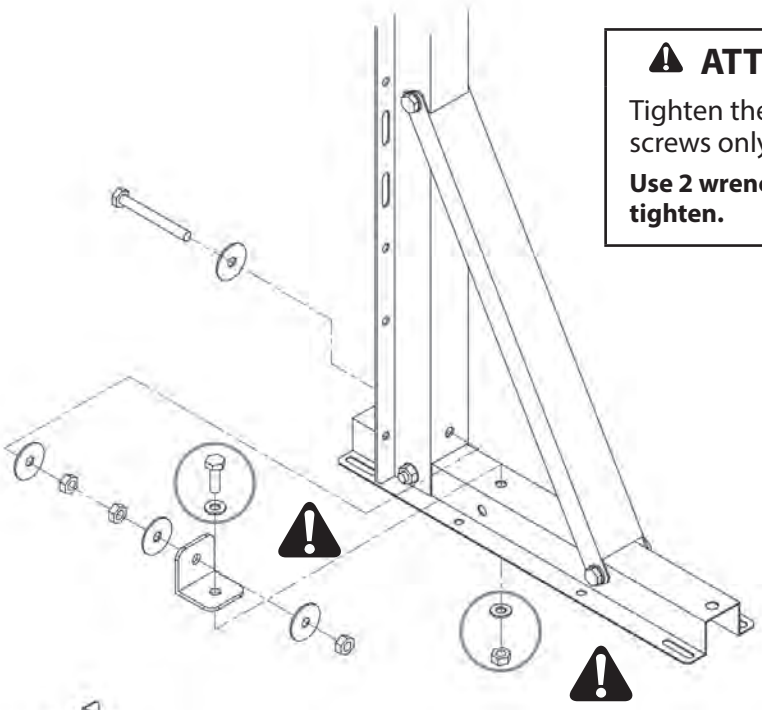


⚠ ATTENTION

Tighten the circled screws only.
Use two wrenches to tighten.

Take note of which bolts to tighten. as some should be left loose in order to make adjustments at a later stage.

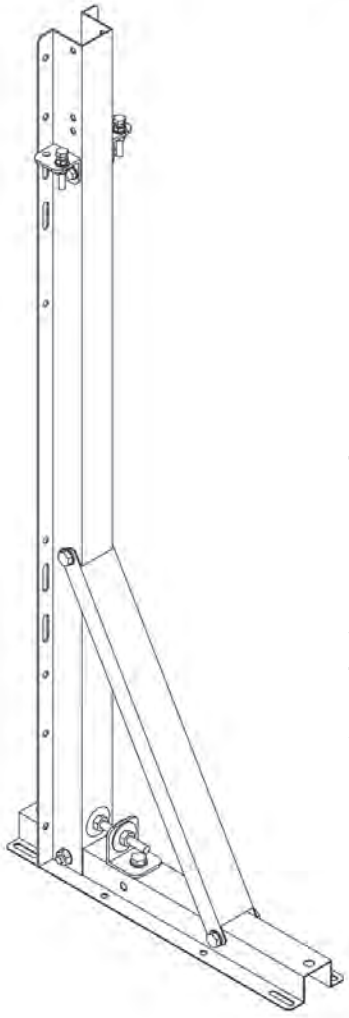




⚠ ATTENTION

Tighten the circled screws only.

Use 2 wrenches to tighten.



STEP 4:
The completed Leg Support should look like this, build all required for your size pool.

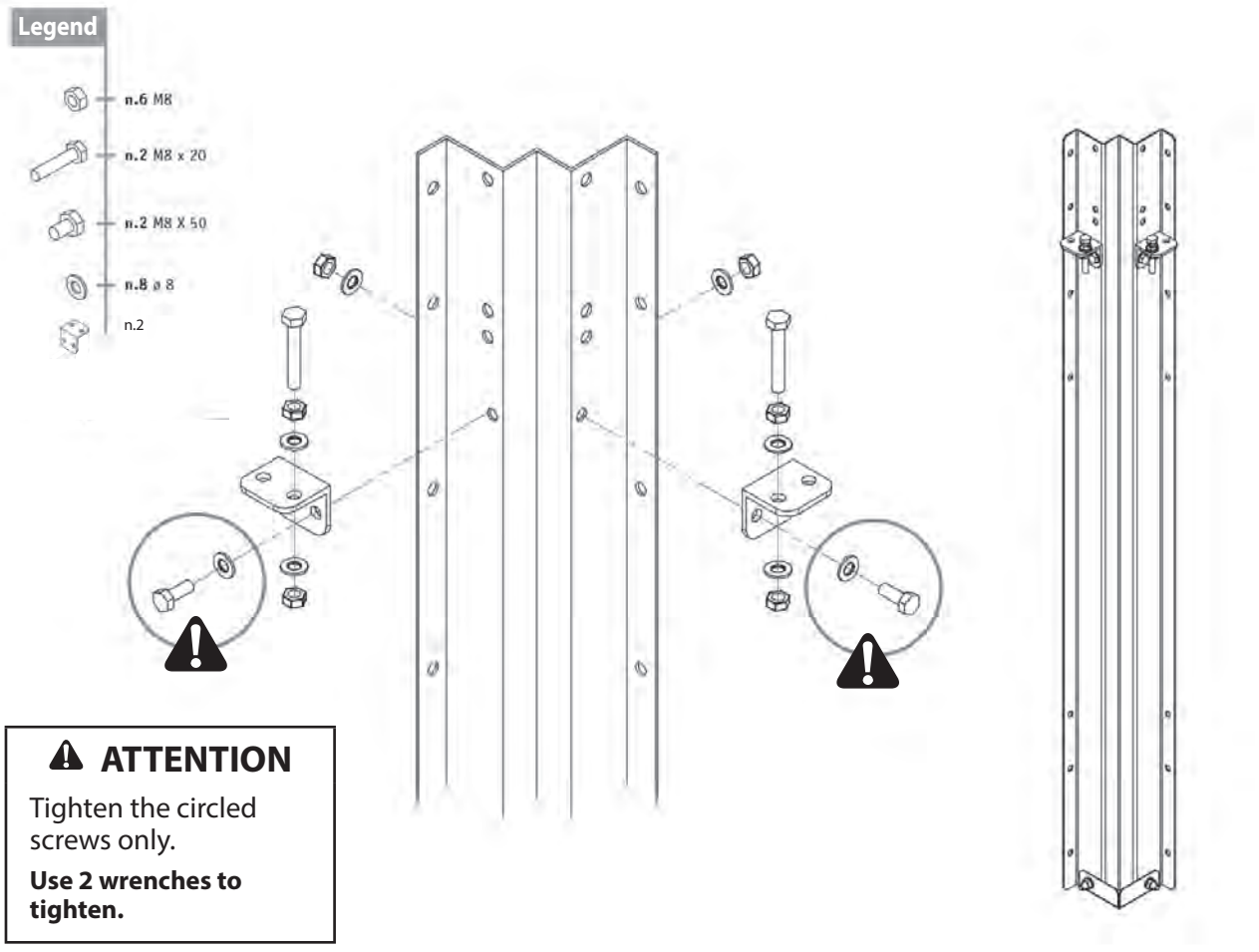
For the 4 x 2 there will be 8 x Leg Supports, for the 5 x 3 there will be 12 x Leg Supports.

When installing the adjustment bolts, only secure the bracket to the lower leg at this stage.

Adjustment bolts should be left loose until all legs have been installed. This allows the leg assembly to slightly tilt to ensure it is level.

3.3 Corner Pieces Assembly

This step is explaining how to assemble the fastening and alignment kit for the corner posts. The height of the crossbar assembly will be vertically adjusted and aligned between the leg assembly and the corner.

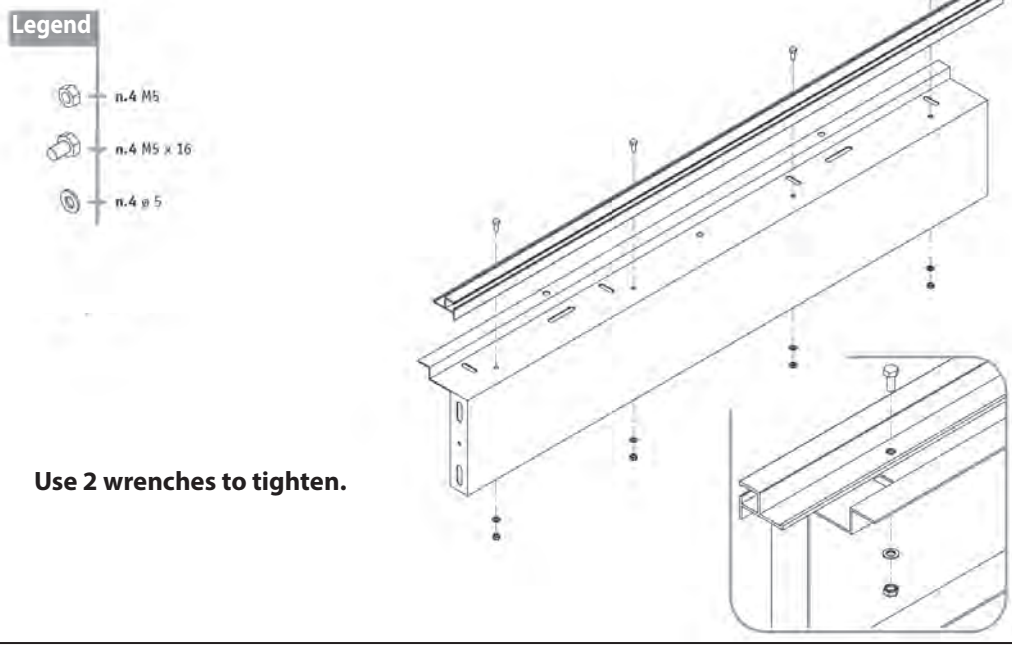


⚠ ATTENTION

Tighten the circled screws only.

Use 2 wrenches to tighten.

3.3 (cont.) Cross Beam and Liner Holder Assembly

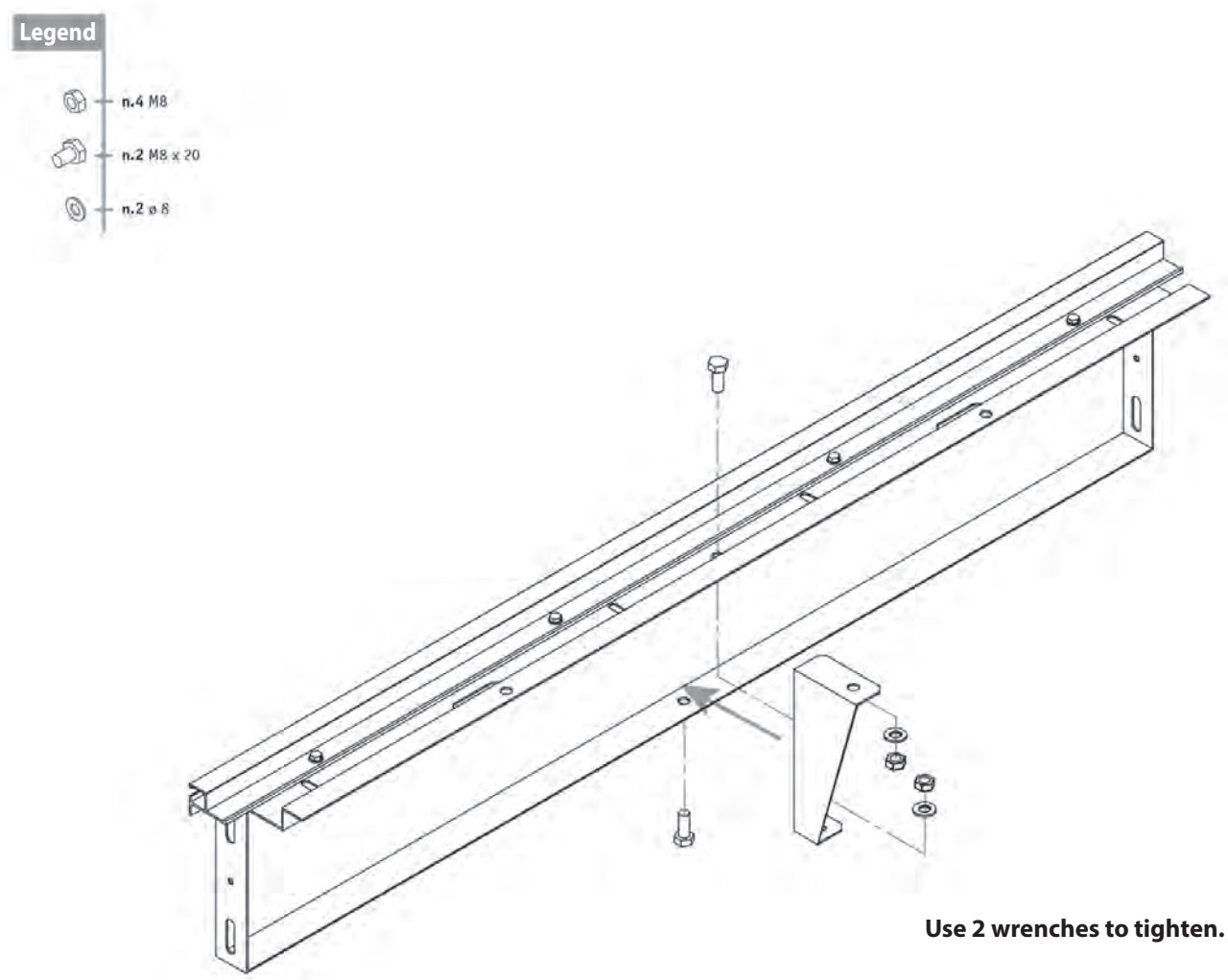


Silver coloured aluminium extrusion for the pool liner to be placed in

Use 2 wrenches to tighten.

3.3 (cont.) Reinforcing Cross Beam Piece

For the 4 x 2 pool, there will be 12 pcs of Crossbeam assemblies and for the 5 x 3 pool there will be 16 pcs.



Use 2 wrenches to tighten.

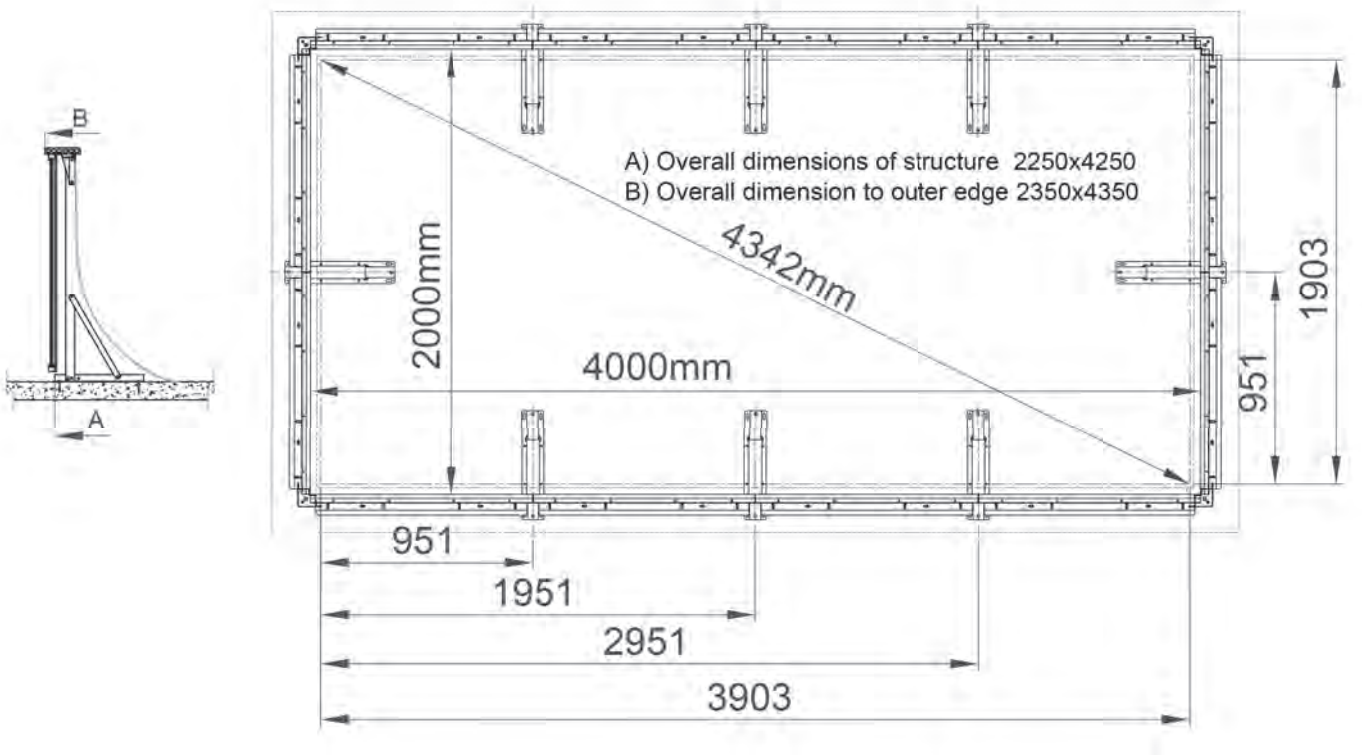
This completes assembly of all the major structural pieces for the pool.

The following section outlines how to mark out where the pieces are located on the slab

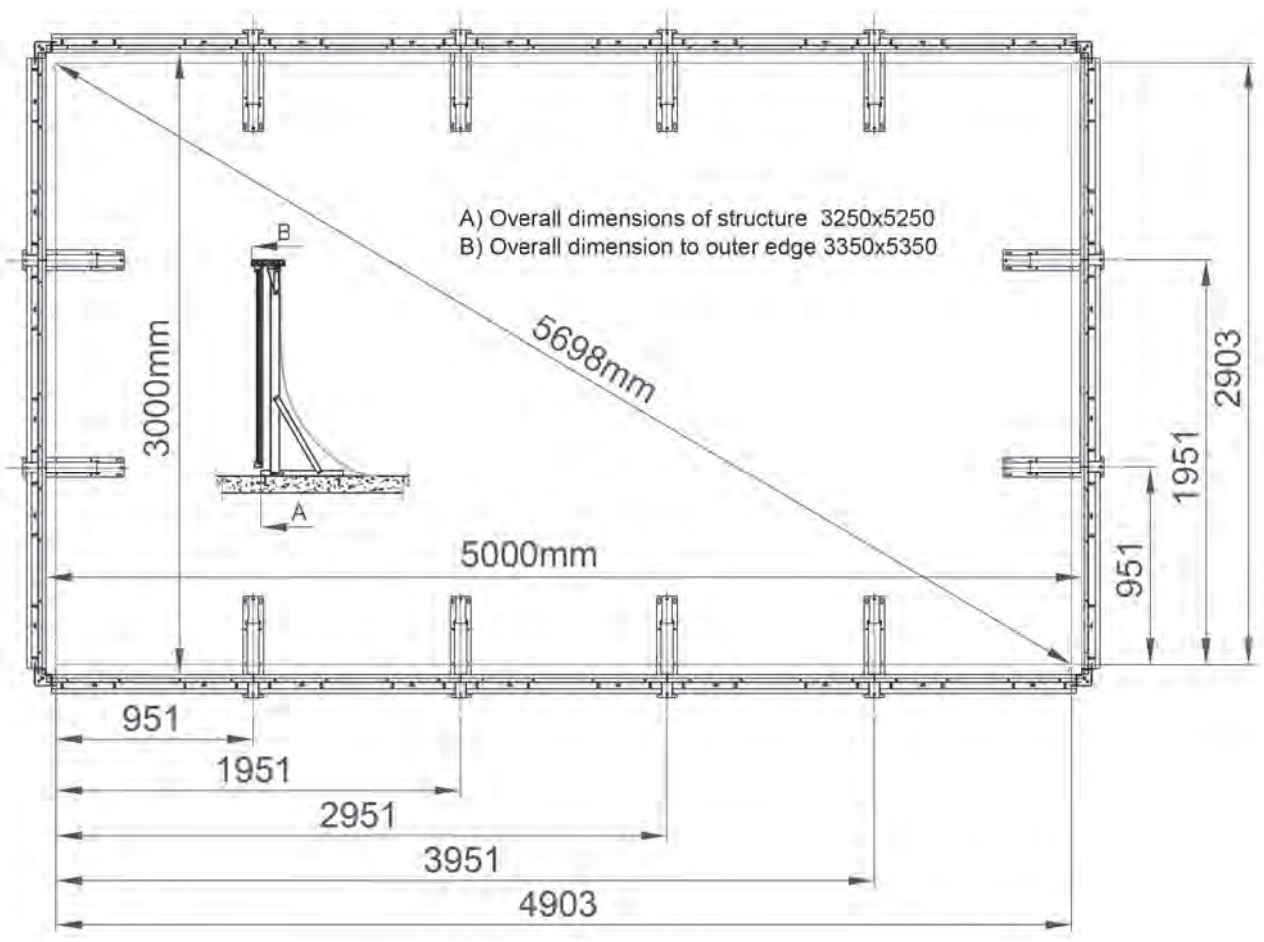
Section 4. Ground Marking

NOTE: We recommend that you mark out the slab as accurately as possible to avoid assembly problems in the subsequent stages of assembly. All dimensions are in millimeters.

4.1 Marking for 4 x 2 Pool



4.2 Marking for 5 x 3 Pool



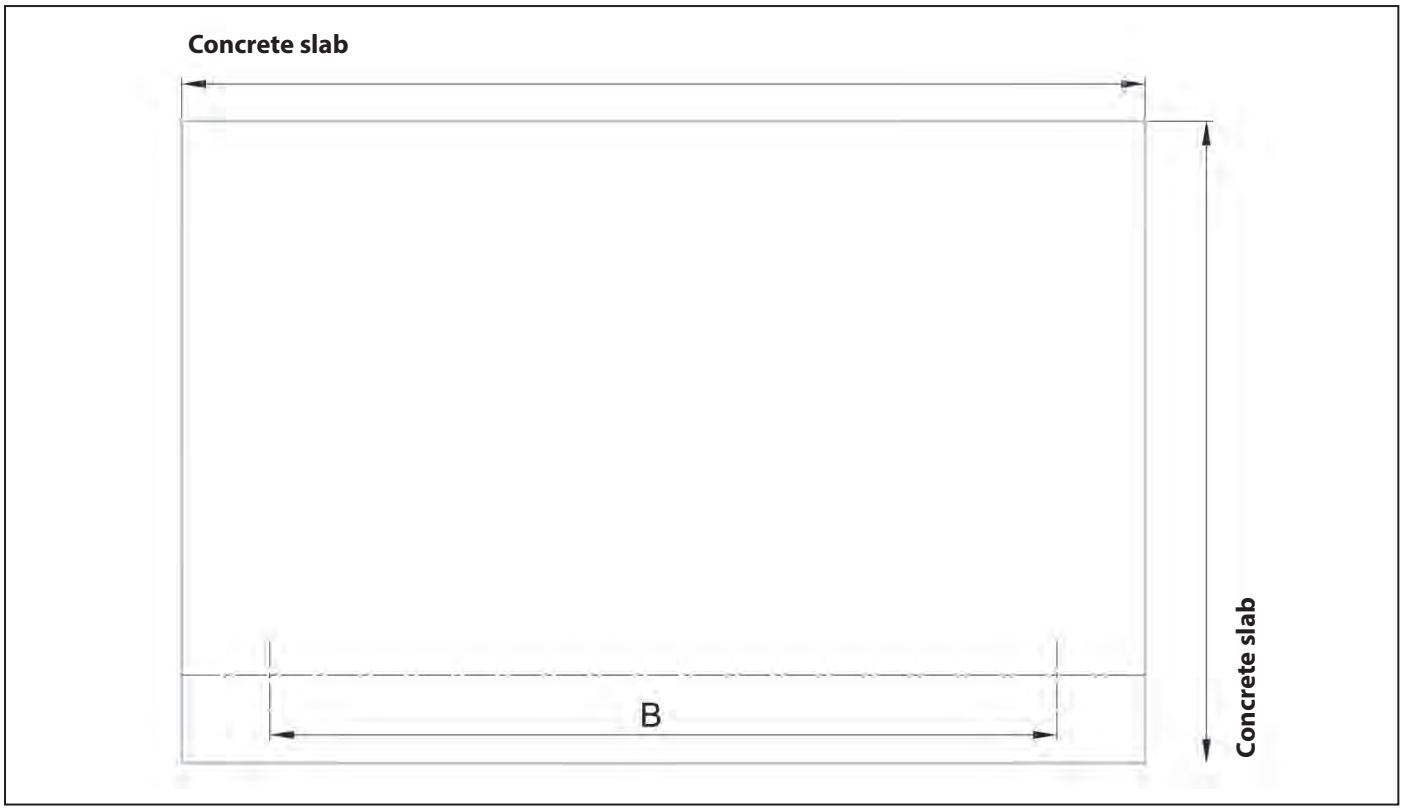
4.3 Check Dimensions

- Check the dimensions of the concrete slab, the surface finish and the level of the slab (maximum difference ±1 cm).

4.4 Mark Square Outline on Slab

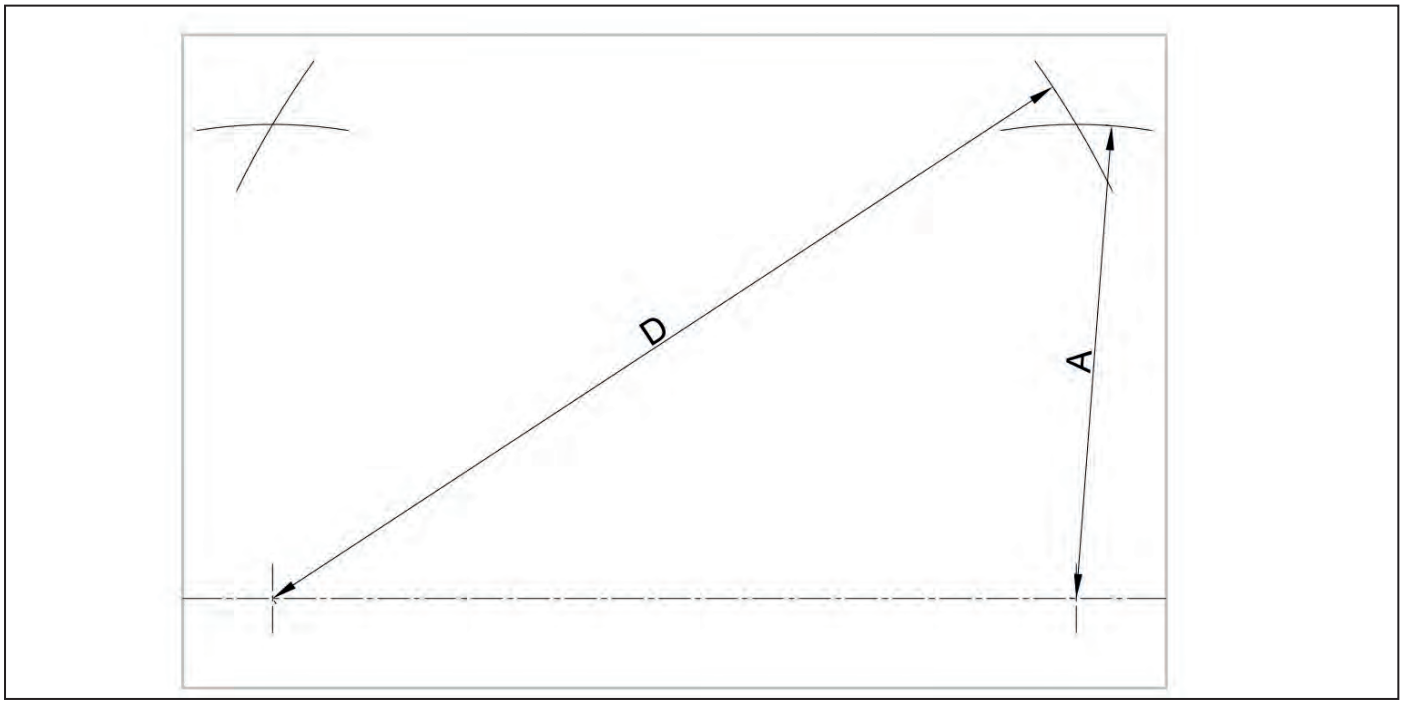
- Draw the first line and the start and end points (dimension B) of the drawing rectangle centred on the dimensions of the slab.

- **Please note: there should be at least 100mm between marks and edge of slab.**



4.5 Draw Corner Arcs

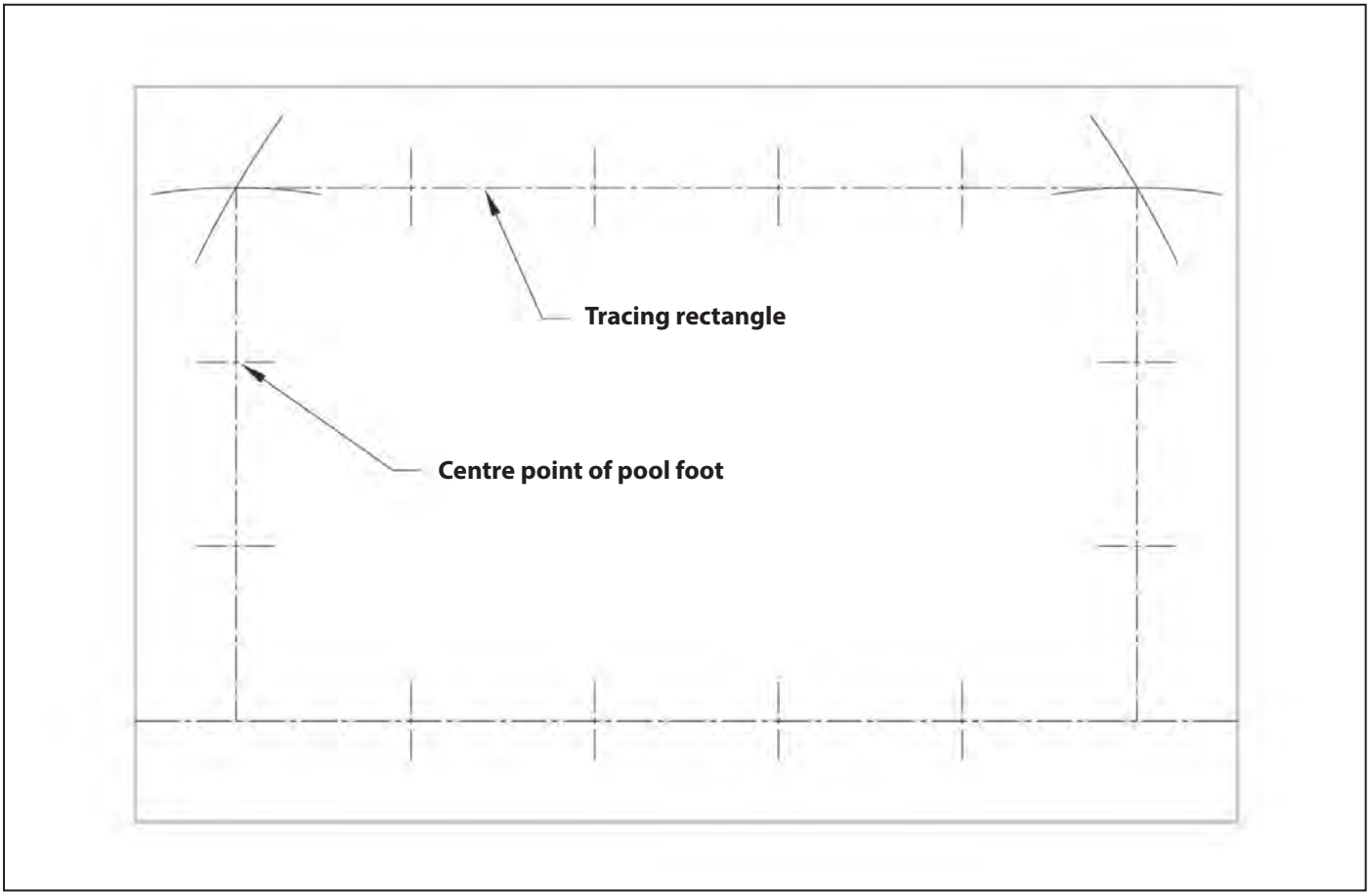
- Pivot on the start and end points and draw arcs with radii equal to the dimensions A and D.
- The intersection of these arcs indicates the other corners of the tracing rectangle (see example of dimensions according to pool size in Sections 4.1 and 4.2).



4.6 Outline Marking on Slab

- After tracing the rectangle, mark the centre point of each foot on the rectangle using the dimensions given in the examples of dimensions according to pool size, Sections 4.1 and 4.2.

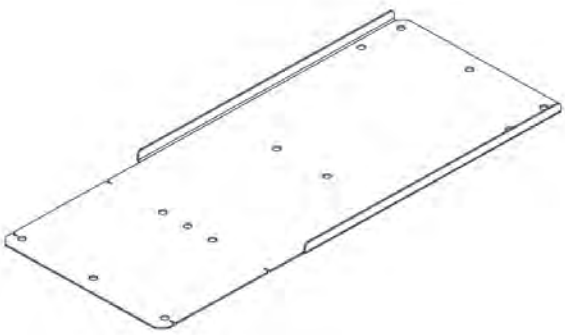
NOTE: We recommend that you always take your measurements from a corner of the tracing rectangle to minimise any errors.

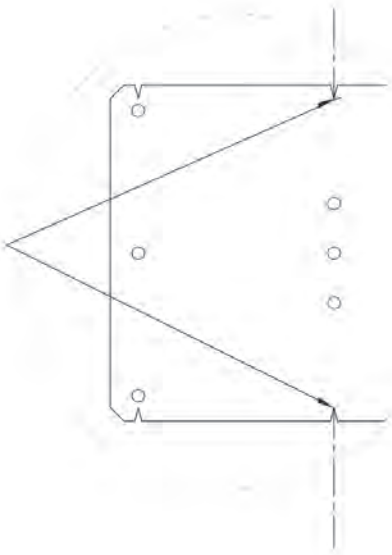


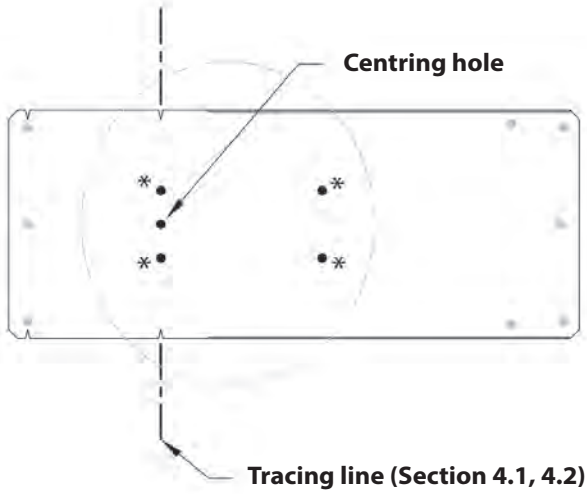
Section 5. Install the Anchors

5.1 Mark Anchor Position on Slab

- Mark the position of the anchoring dowels on the Dolce Vita using the template.
- Position the template so that the previously marked centre of the foot is inside the Dolce Vita centring hole and the tips of the notches are perfectly aligned with the marking rectangle.



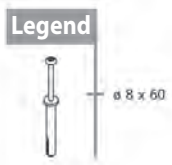


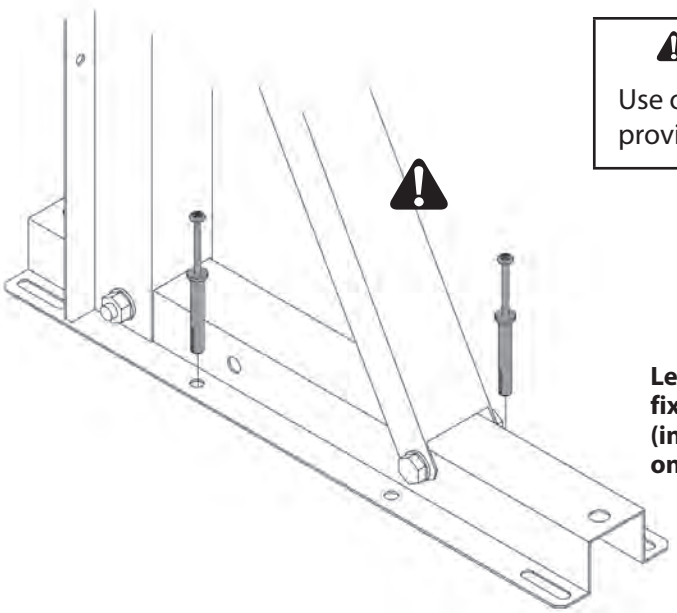


Holes (2 x Ø 8x60 crossed anchors)
* Drill at least 2 of these points so that they are offset on either side

5.2 Attach Anchors to Slab

- Drill the slab according to the anchoring dowels so that at least 2 of these points that are offset.
- Fix the feet to the concrete slab using the anchoring dowels provided.





⚠ ATTENTION

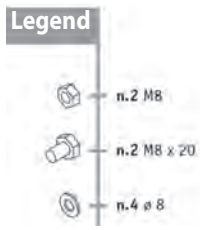
Use only anchors provided.

Level the corner foot and fix it to the concrete slab (in the outer most hole on the corner foot).

Section 6. Assemble the Pool Structure

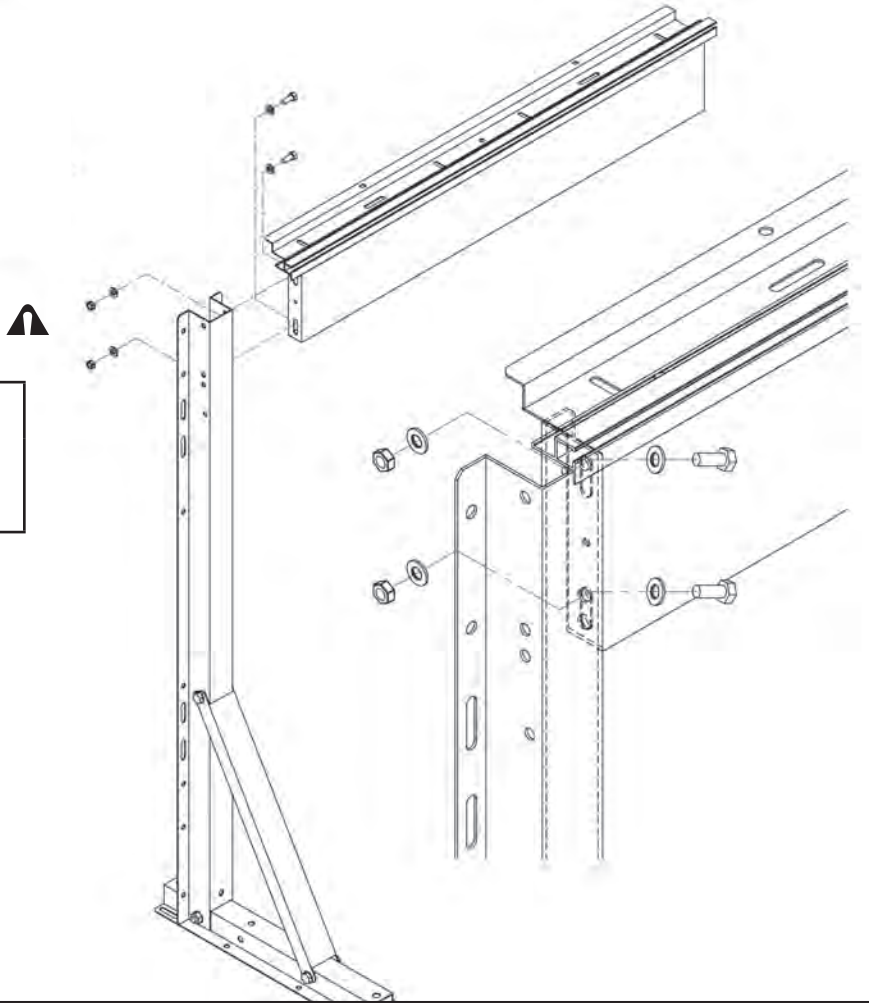
6.1 Attach Crossbeams to Leg Supports

- With the Leg Supports in place, add the Crossbeams to the structure.
- Only tighten the bolts loosely, as further adjustments are needed once the entire structure is in place.

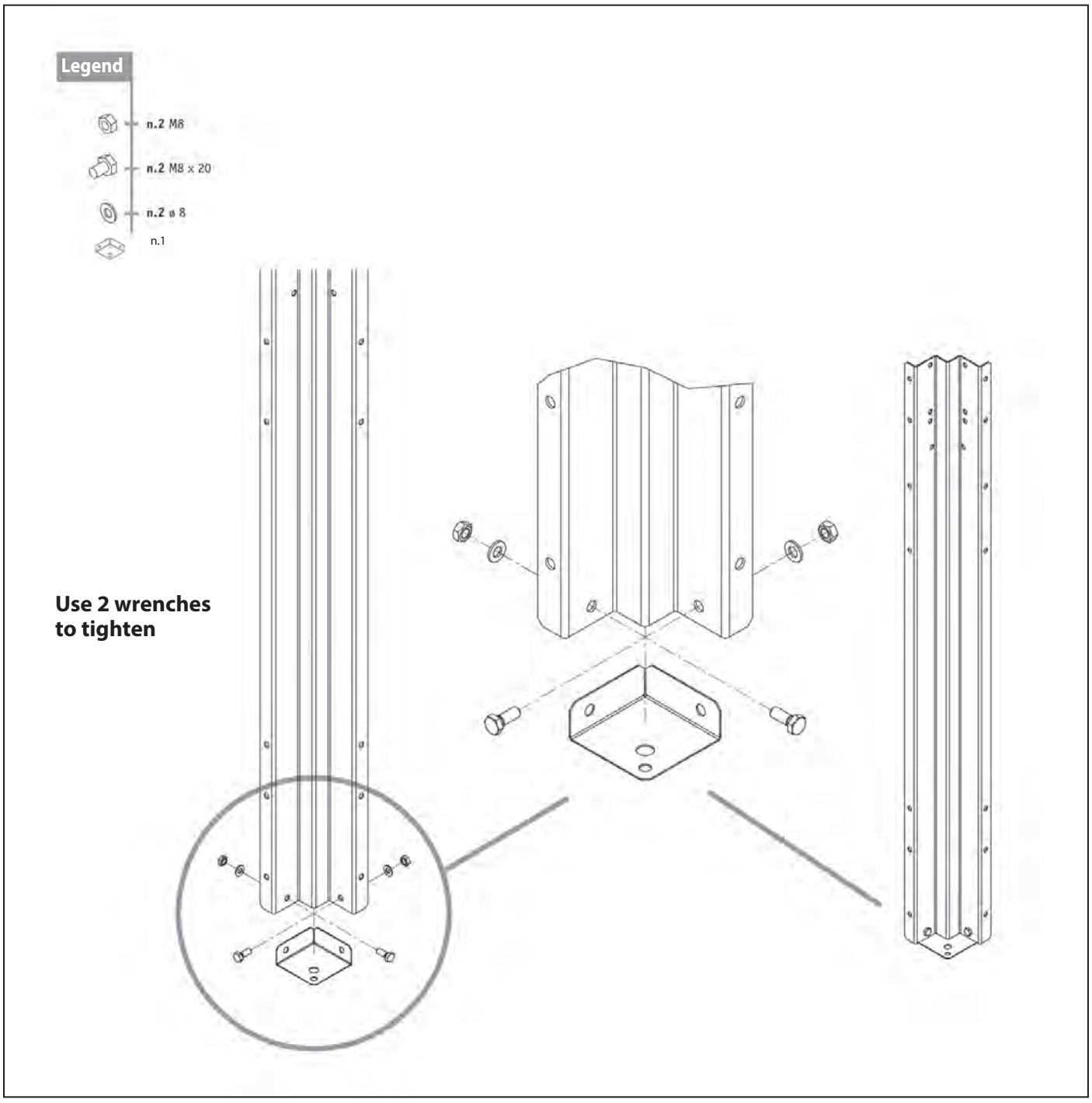


⚠ ATTENTION

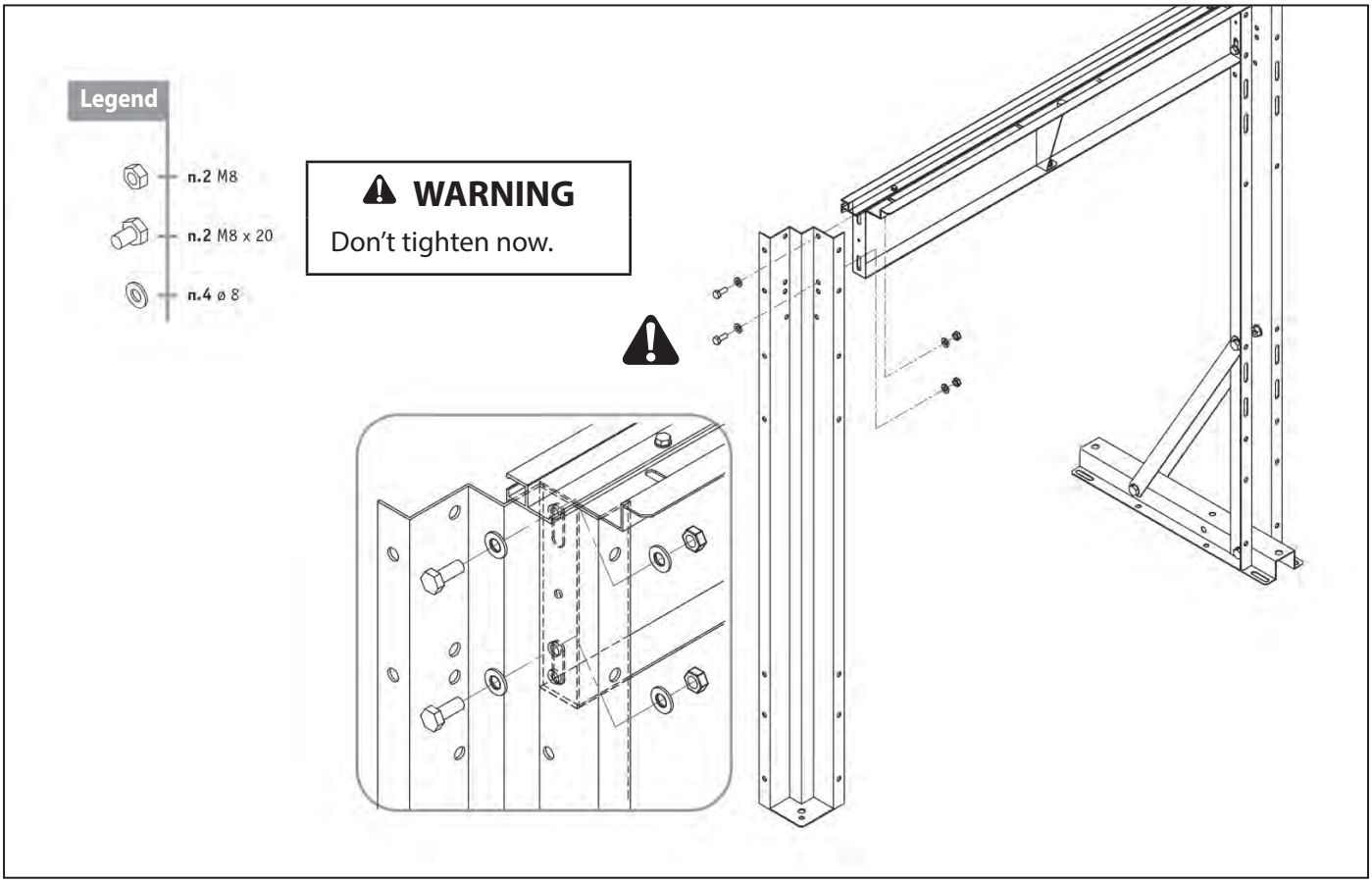
Do not tighten at this time.



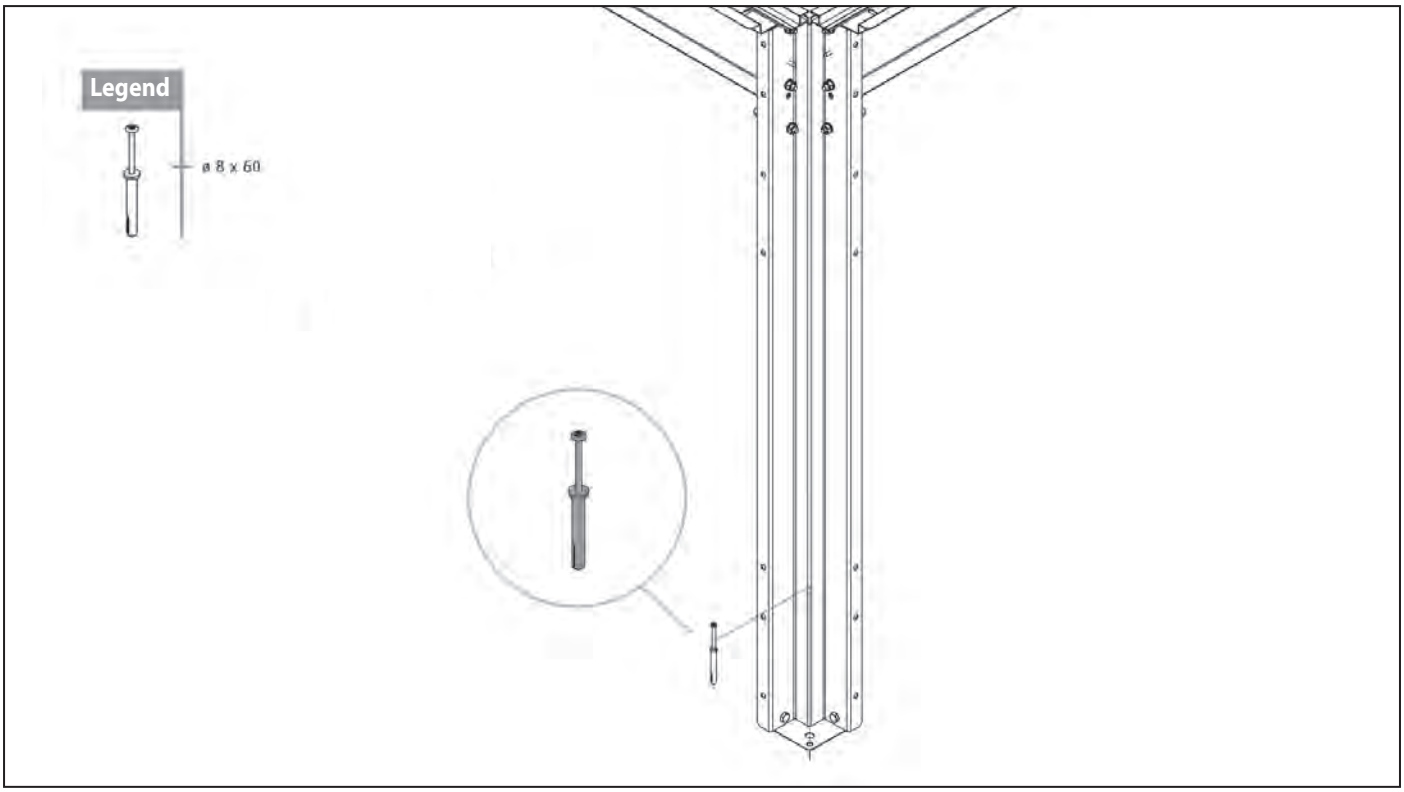
6.2 Assemble Corner Legs (4)



6.3 Connect Corner Crossbeams to Leg Supports

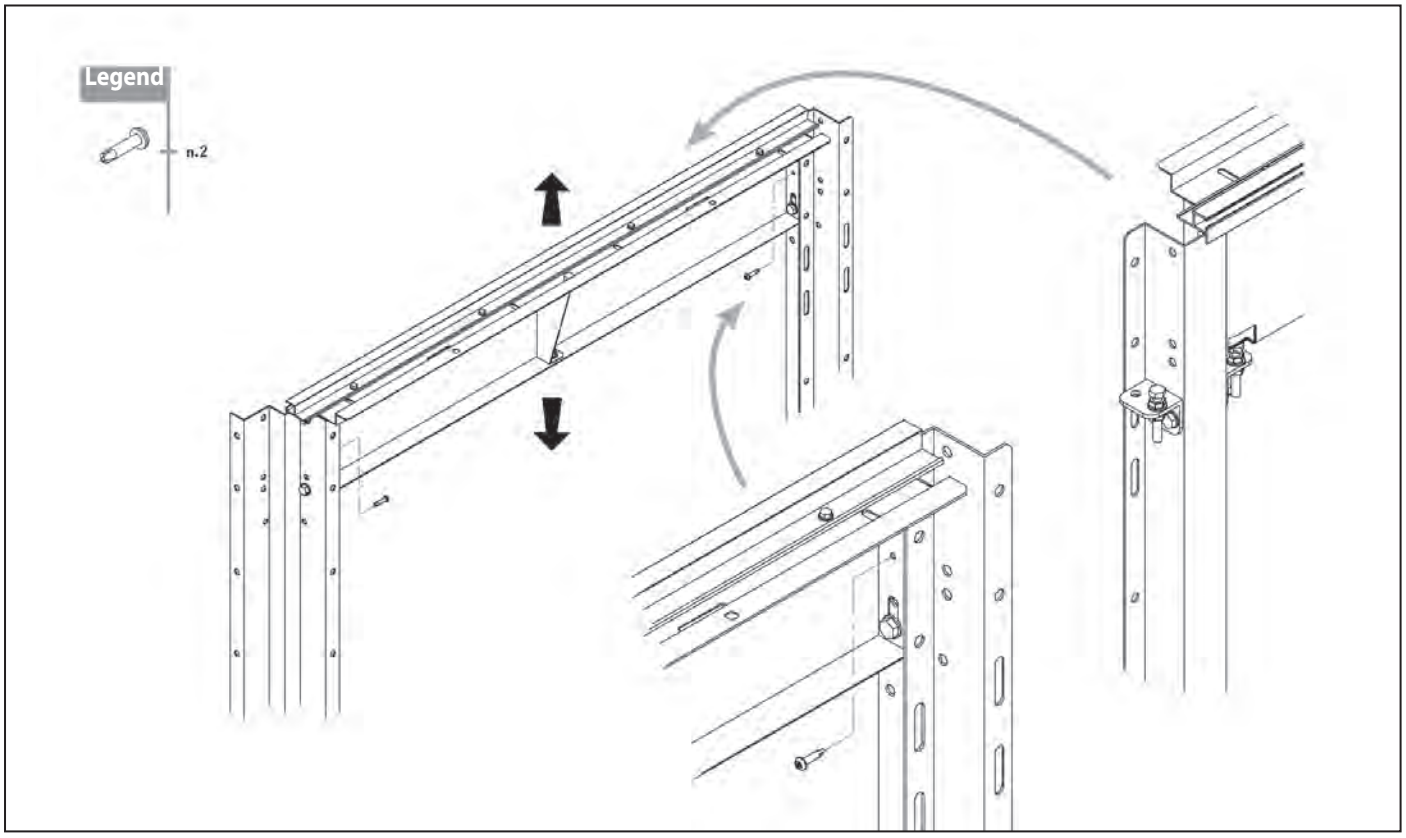


- Fix the corner piece to the slab with the bottom plate inside corner point (in line with the corner slab markings from Section 4.1, 4.2).
- Use a spirit level to ensure the corner piece is plumb.



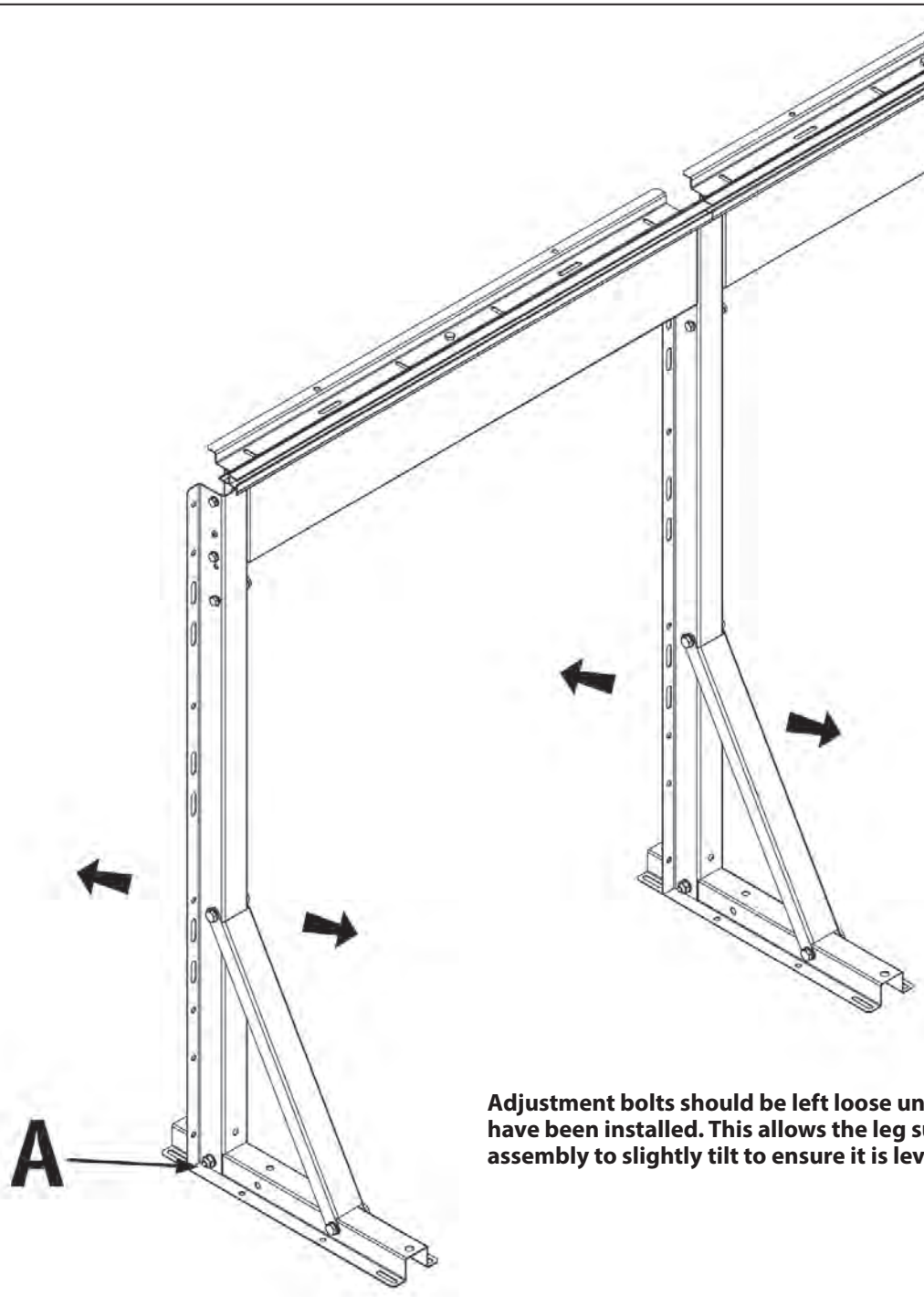
6.4 Structure Alignment

- Adjust the level of the upper cross beams and fasten the M8x20 bolts
- Use the level alignment bolts to keep the cross beams firm. Use a self drilling screw to fix the beams in place



6.5 Level and Plumb the Leg supports

- Loosen screw "A" to align the upper perimeter of the pool.
- Once all your leg supports, corner pieces and cross beams are installed you are now ready to install your liner. Ensure all bolts are tightened and that all parts of the frame kit are plumb and level.



Adjustment bolts should be left loose until all legs have been installed. This allows the leg support assembly to slightly tilt to ensure it is level.

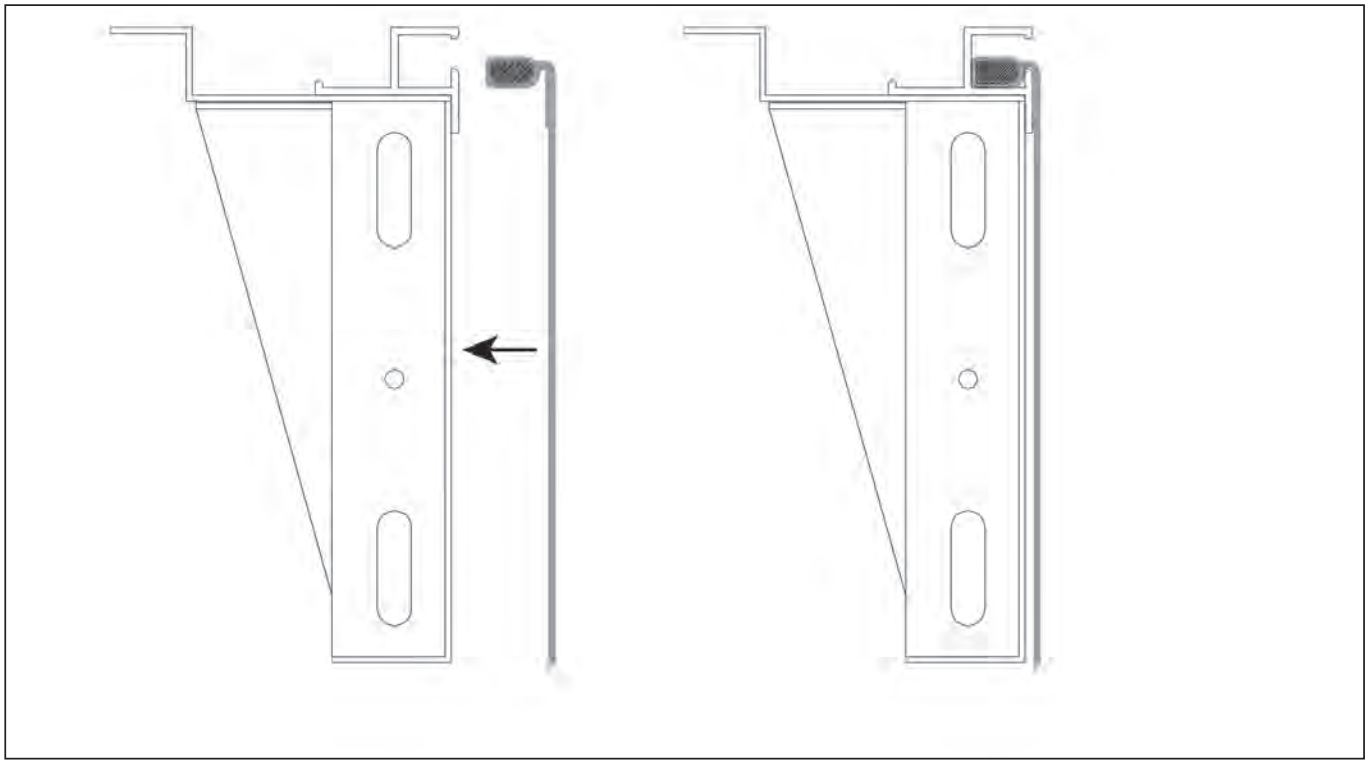
Section 7. Liner Installation

7.1 Prepare the Liner

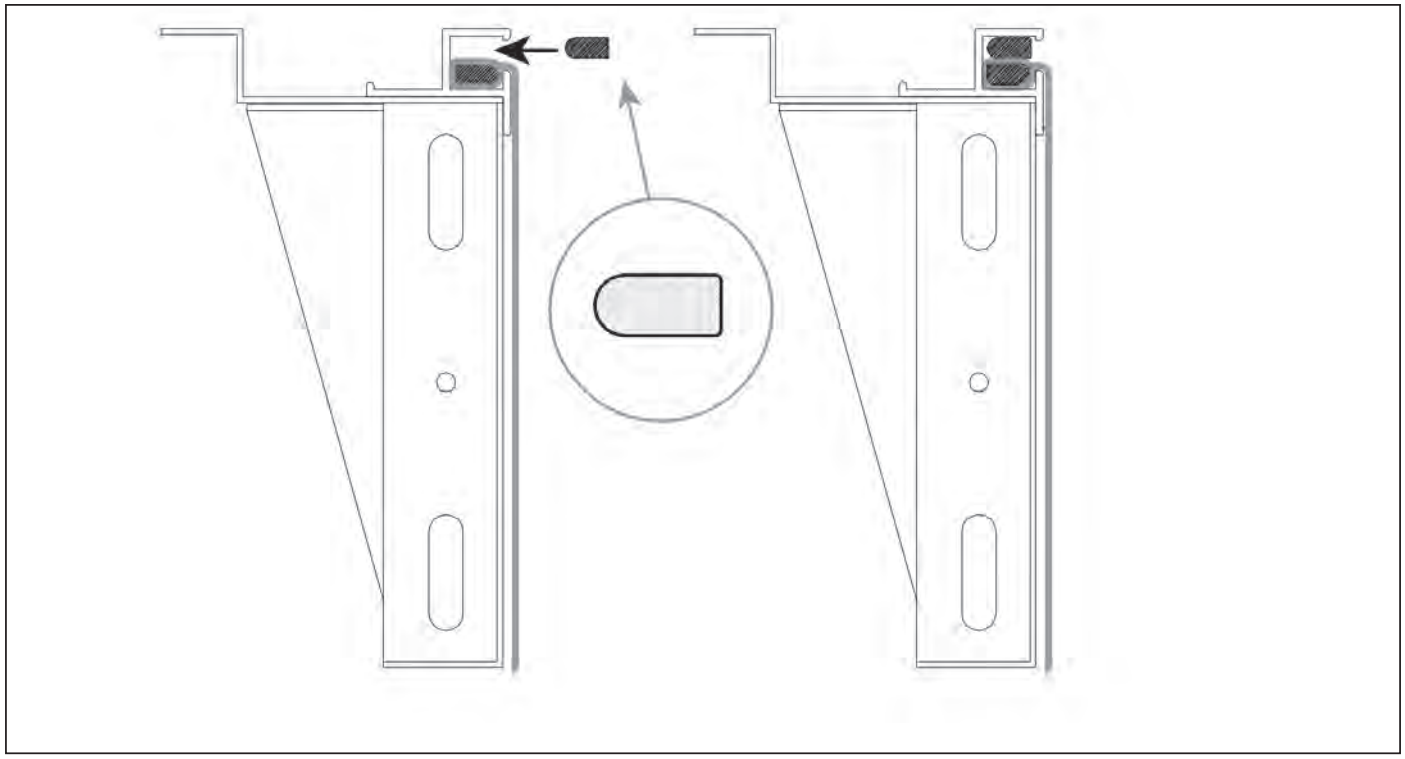
- Carefully clean the concrete bed of the pool and check that there are no bumps or sharp edges.
- Place the rolled liner inside the pool frame.
- Spread the liner, making sure that it is centered in the pool frame.

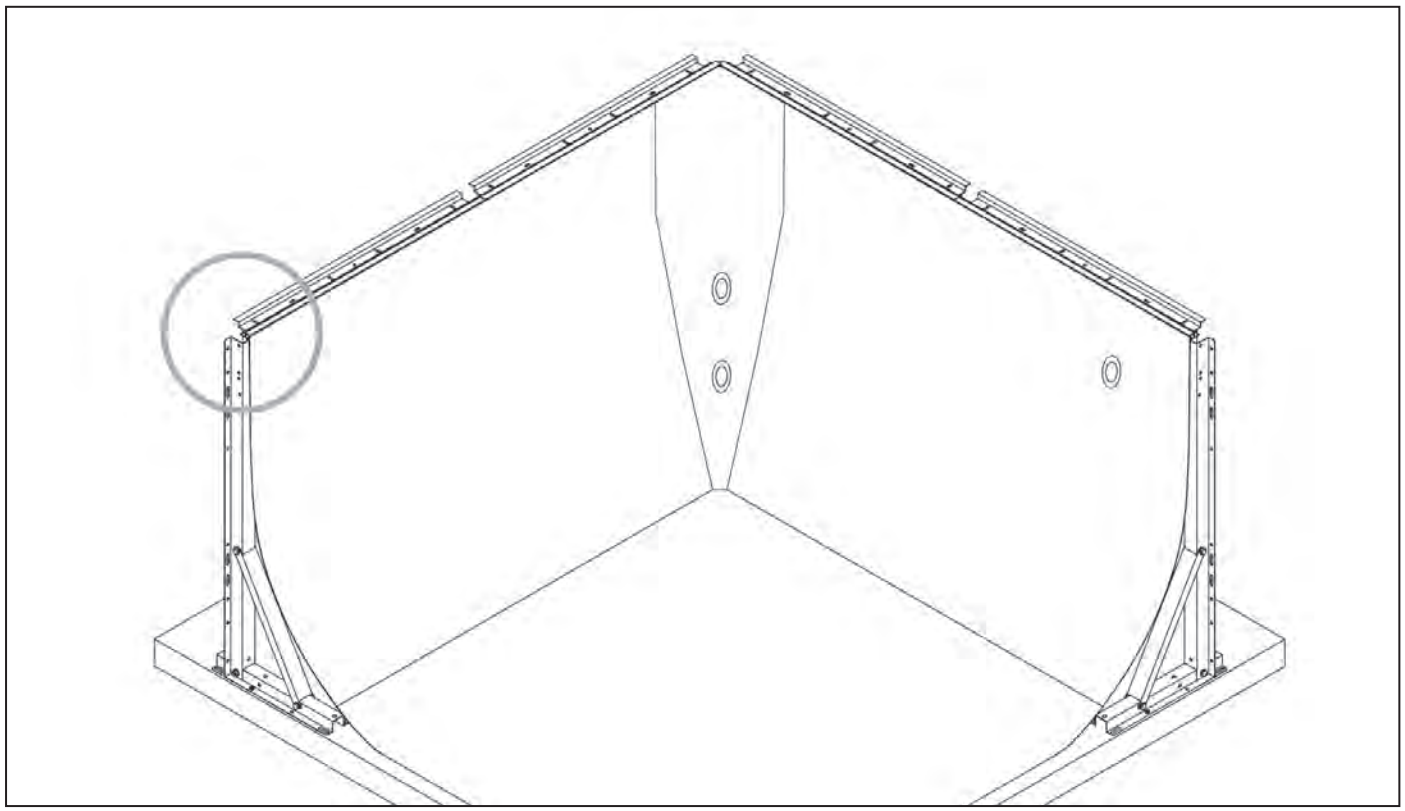
7.2 Fitting the Liner

- Place the liner in the aluminium profile (see section drawings below). Start in a corner where there is a cut in the hard plastic lip. Ensure long and short edges are in the correct orientation before fixing it into postion.
- Ensure that the thickened edge of the liner is inserted deep beyond the lip into the aluminium channel.



- Insert the PVC cord (as shown below) along the entire perimeter of the pool.
- Use a rubber mallet to punch the cord all the way into the channel, it may be necessary to use a thin wooden block to push it all the way into the channel.



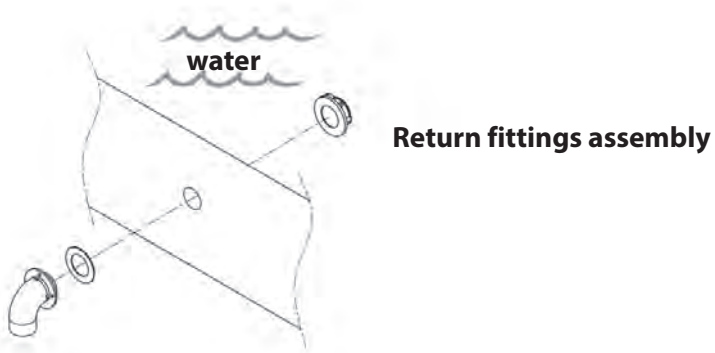


Section 8. Install Skimmer, Fittings, Filtration and Overflow

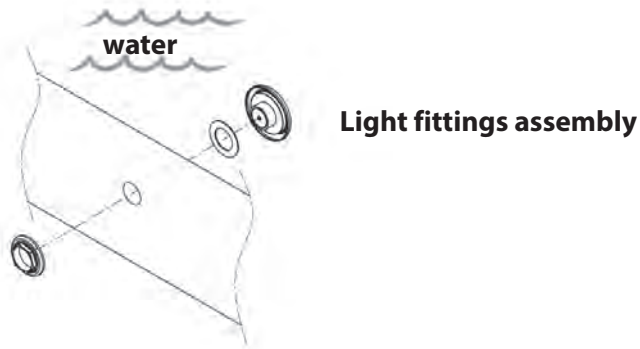
Assemble skimmer fittings and lights, and connect the filtration system

NOTE: Ensure all pipe and flexible fittings have the provided grommet/washers in place prior to fixing in place.

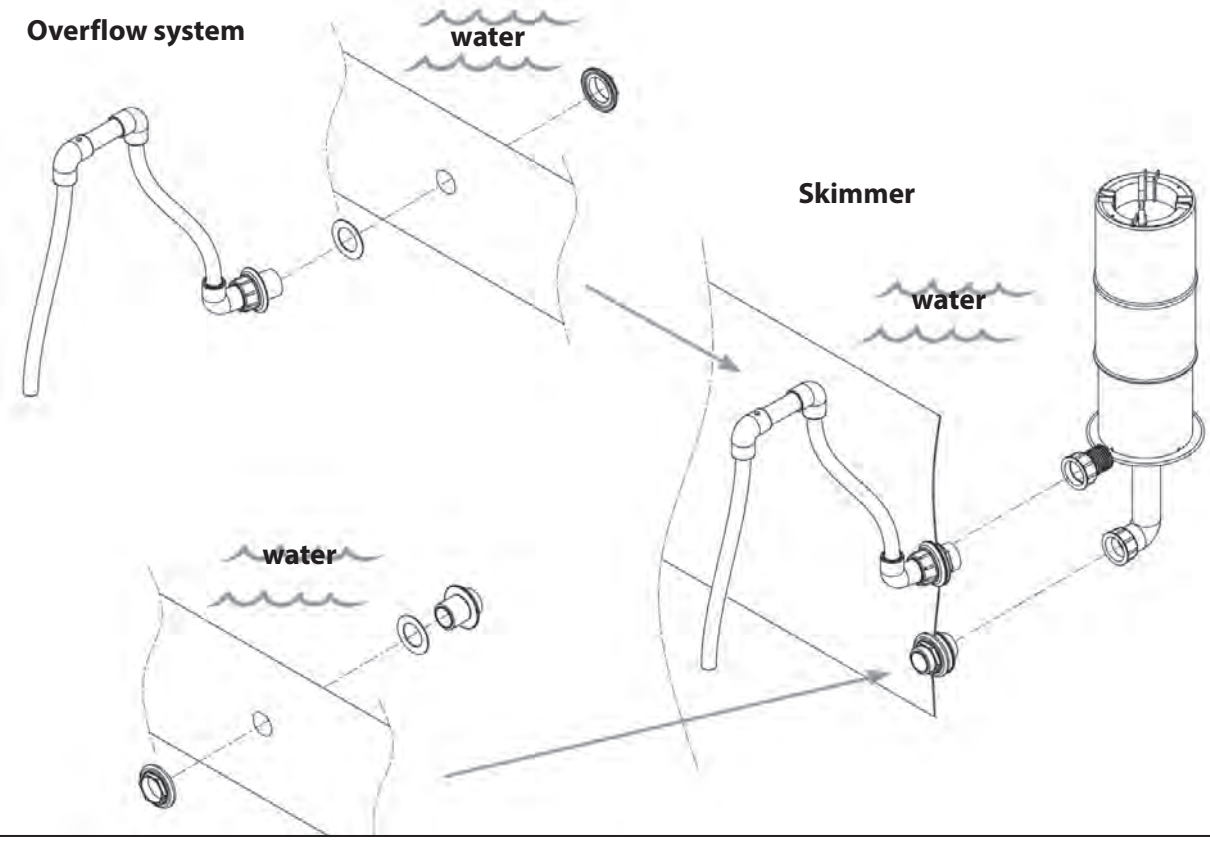
8.1 Install the Return

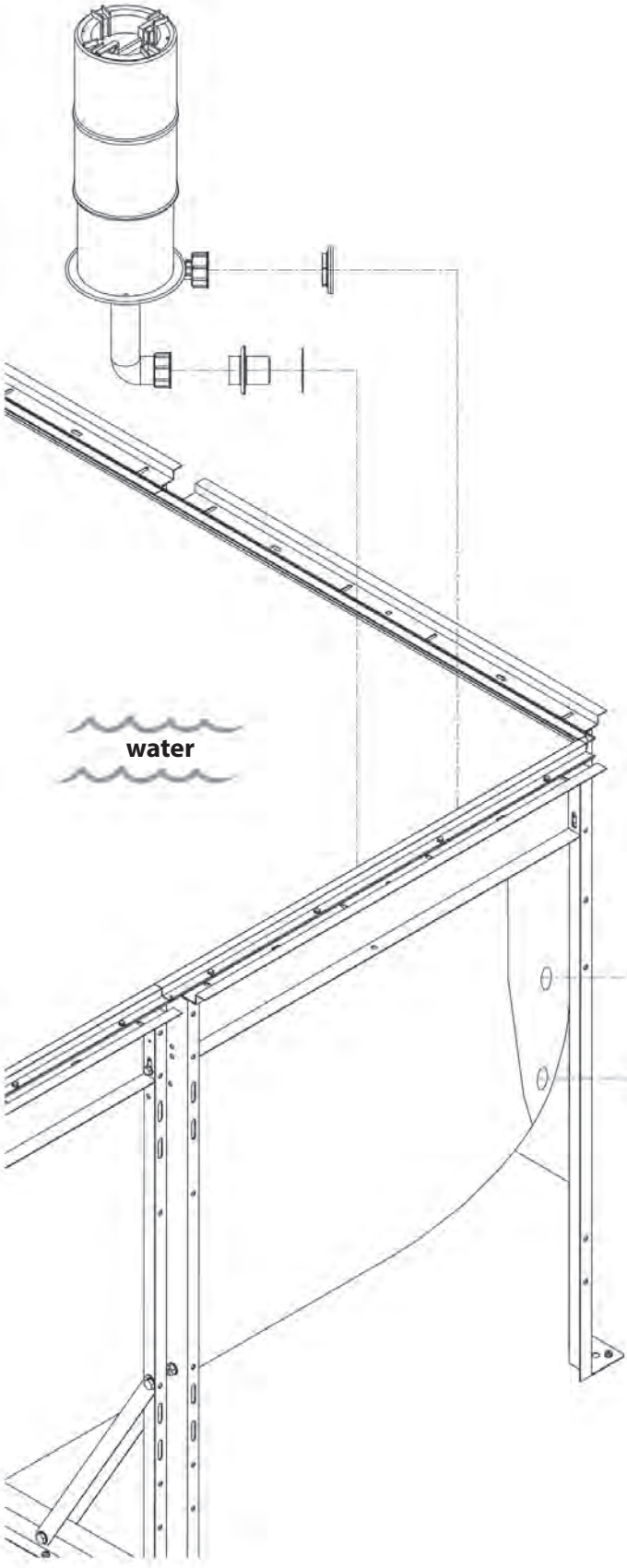


8.2 Install the Lights

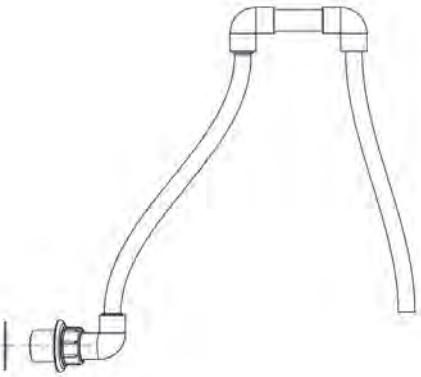


8.3 Install the Overflow and Skimmer



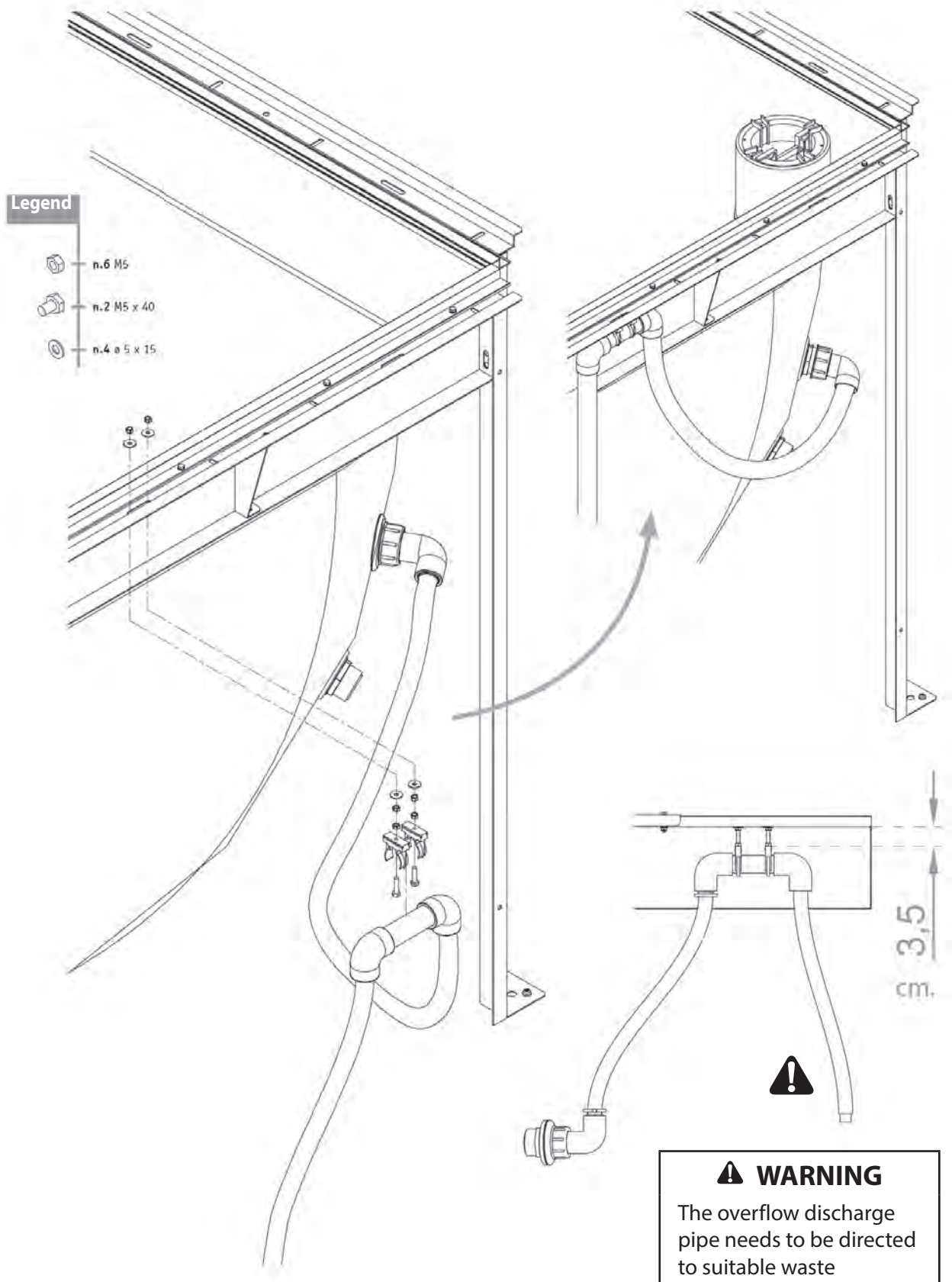


Overflow System



Flexible pipe suction line to filtration system connects here. This line connects to the inlet of the pump.

8.4 Overflow Assembly

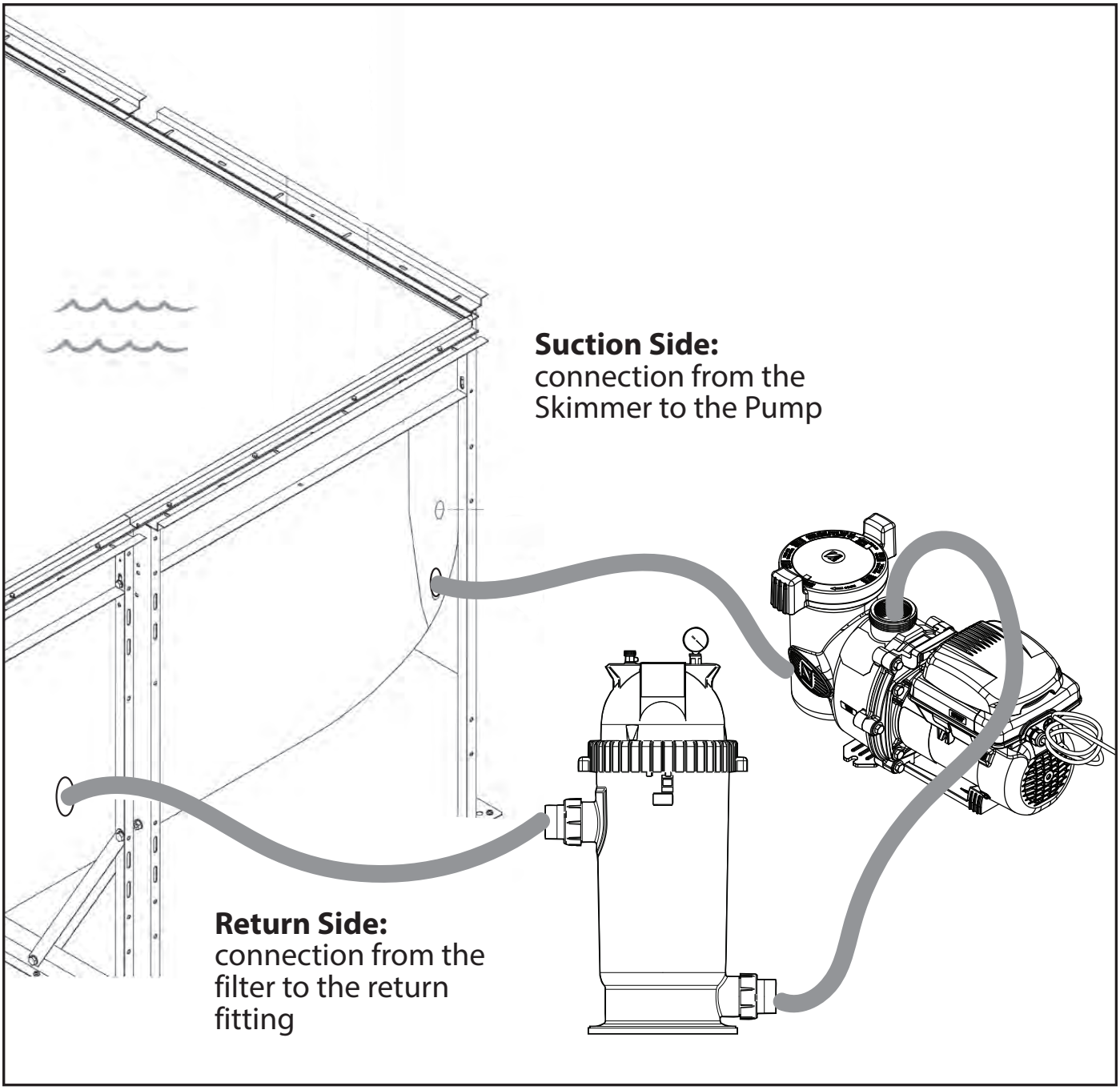


⚠ WARNING

The overflow discharge pipe needs to be directed to suitable waste (stormwater or sewer).

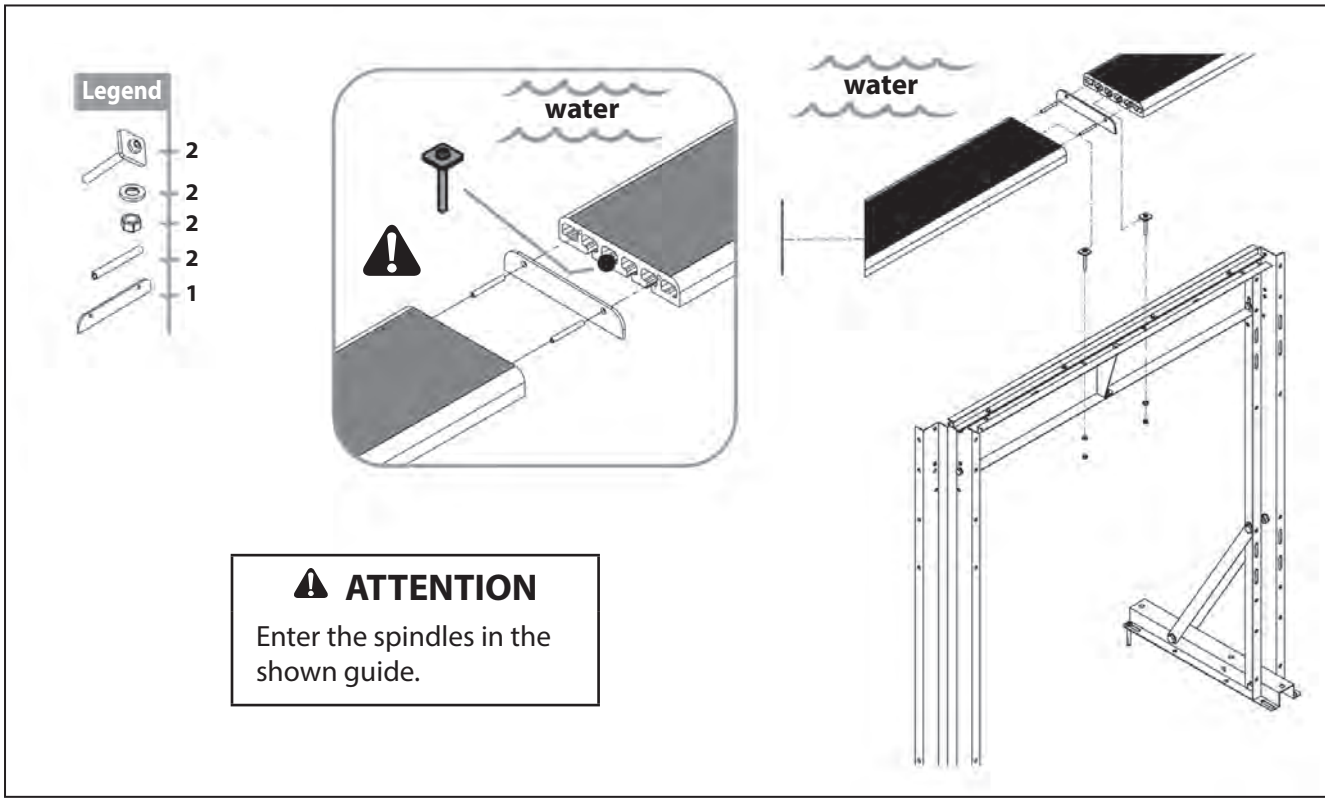
8.5 Filtration System Installation

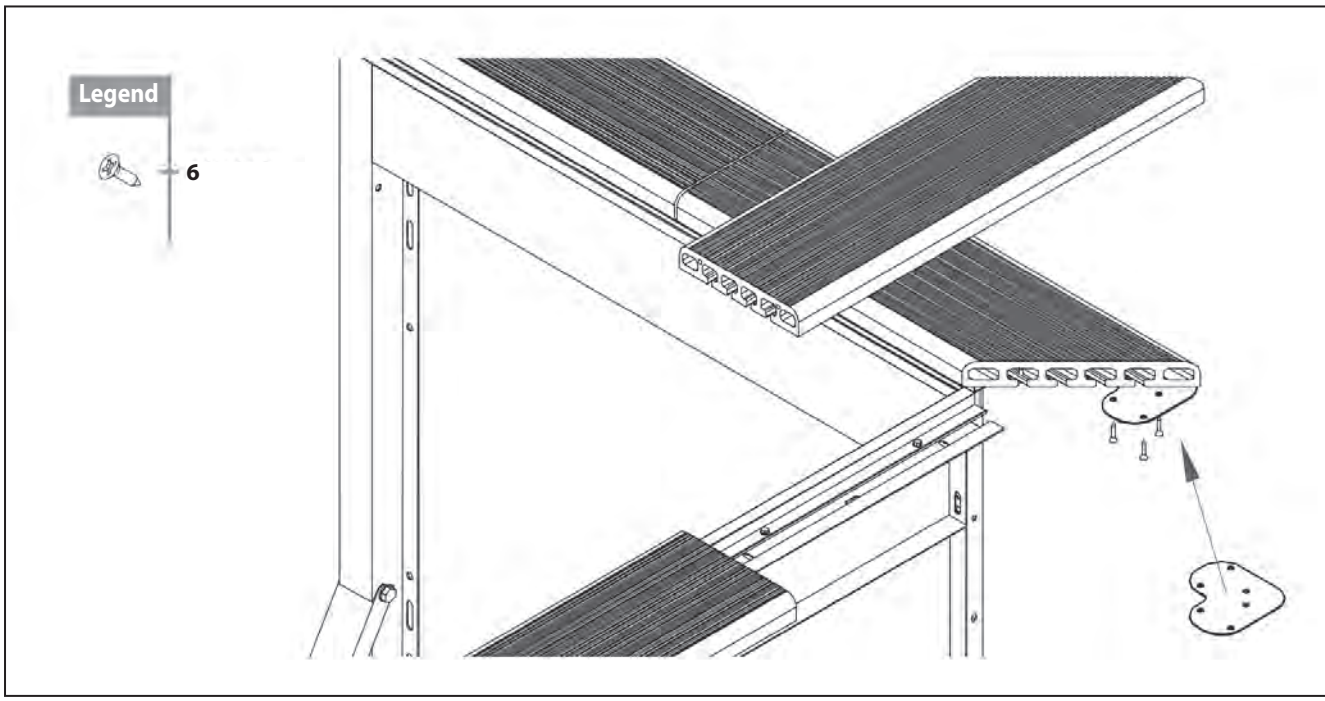
- Use the provided 40 mm screw to attach unions to the flexible pipe. Ensure the gaskets are in place for a firm seal.
- Cut at least 4 x short lengths of 40 mm pipe (minimum 100 mm each).
- Connect the flexible pipe to the pump and filter unions.
- Glue the pipe to the unions and then screw unions in the flexible pipe.



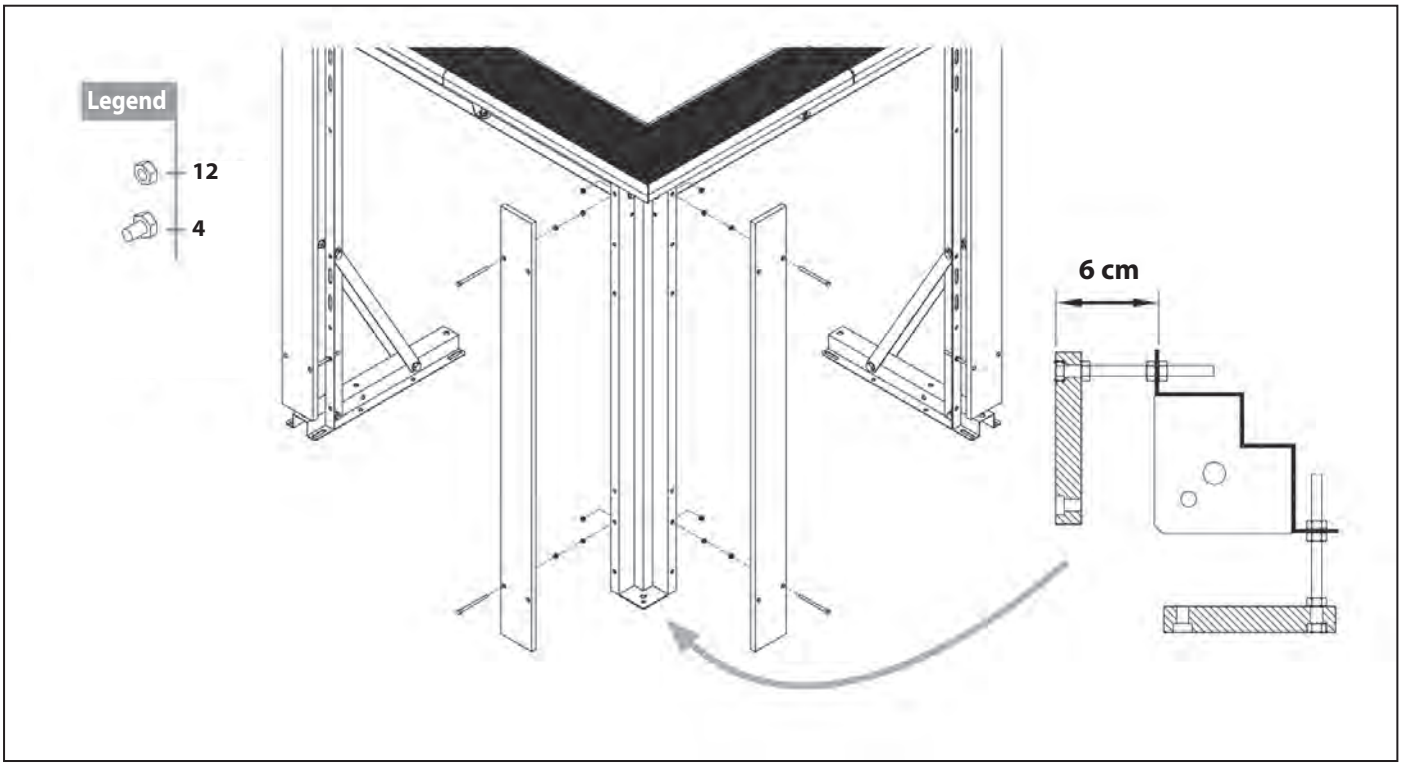
Section 9. Assemble the Top

9.1 Plastic Wood Finish Top Assembly



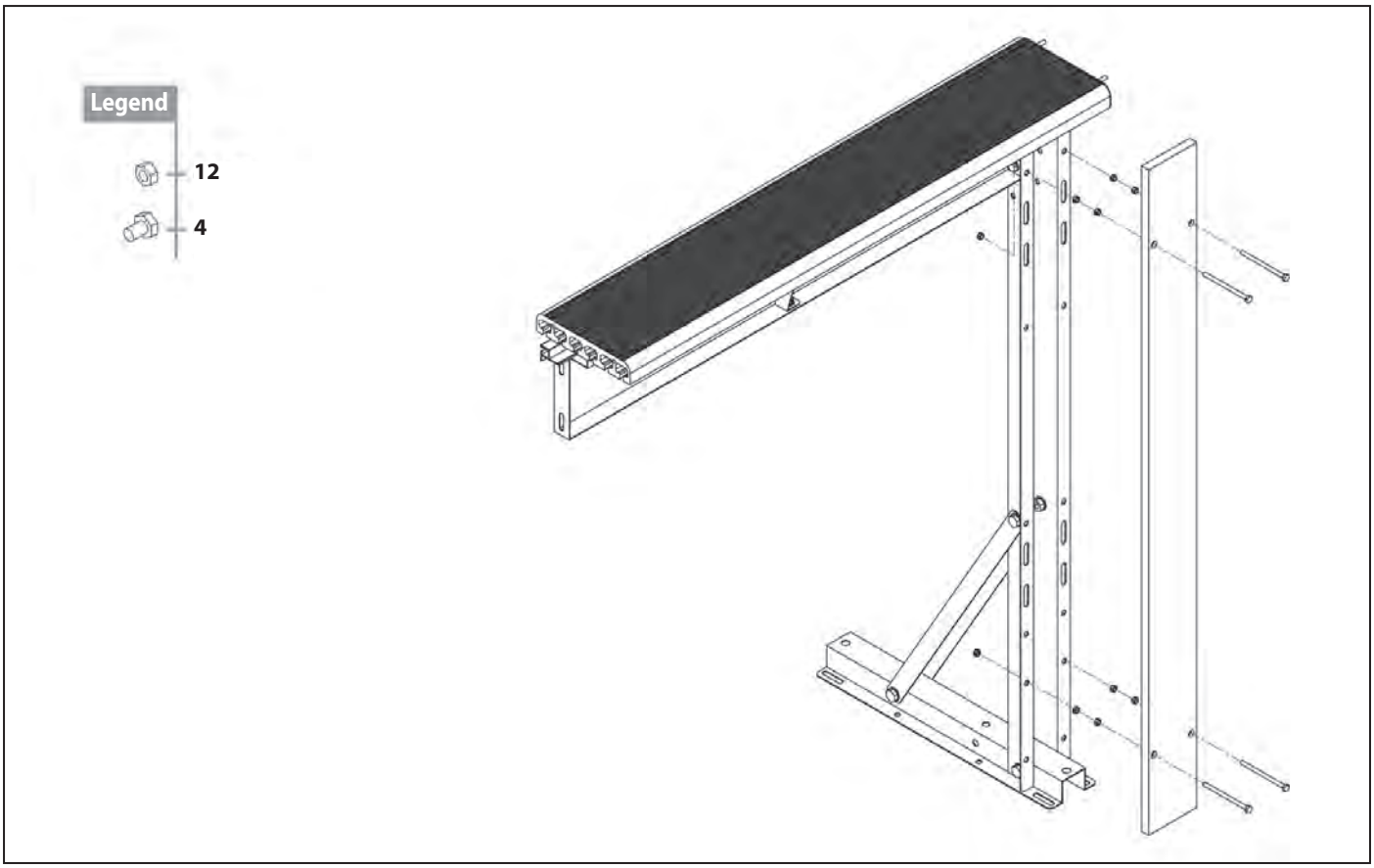


9.2 Corner Panel Support Assembly



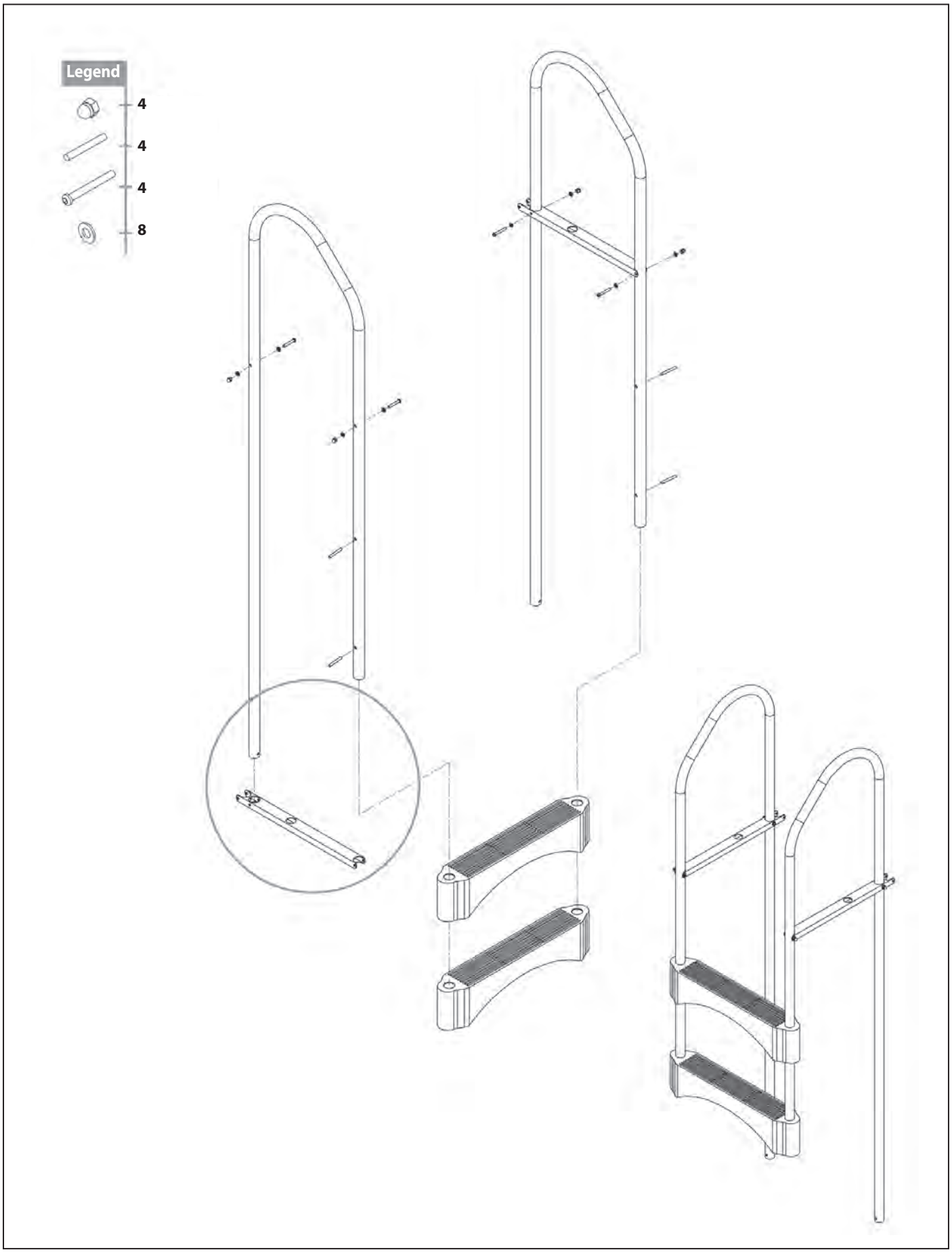
9.3 Central Panel Support to the Structure

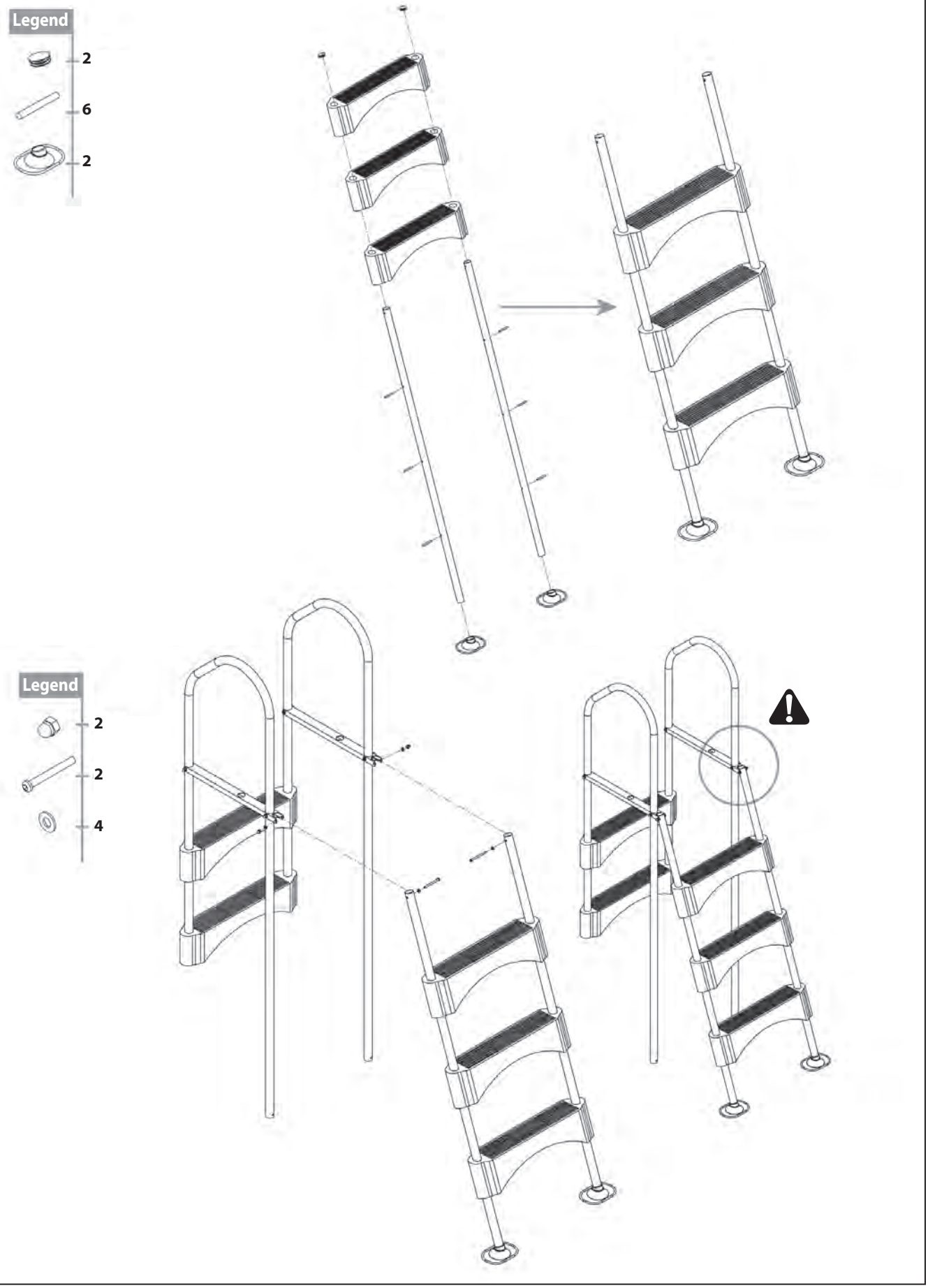
- With the technique of wire stretched align the central panels supports, to the corner panels supports.



Section 10. Assemble and Attach Ladder

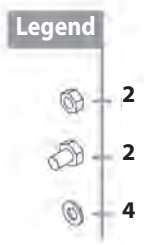
10.1 Ladder Assembly

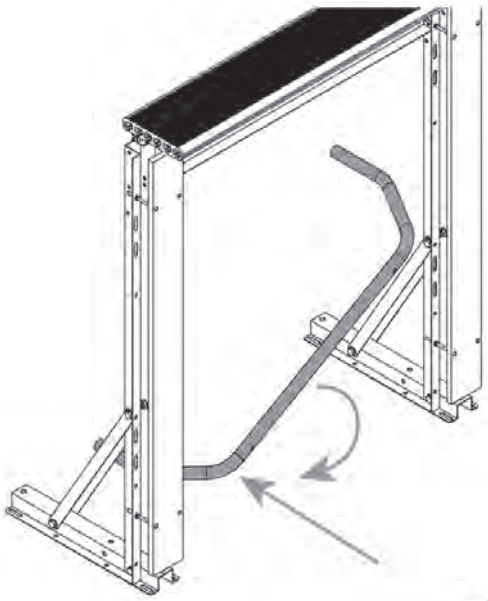



Legend
2
6
2
Legend
2
2
4

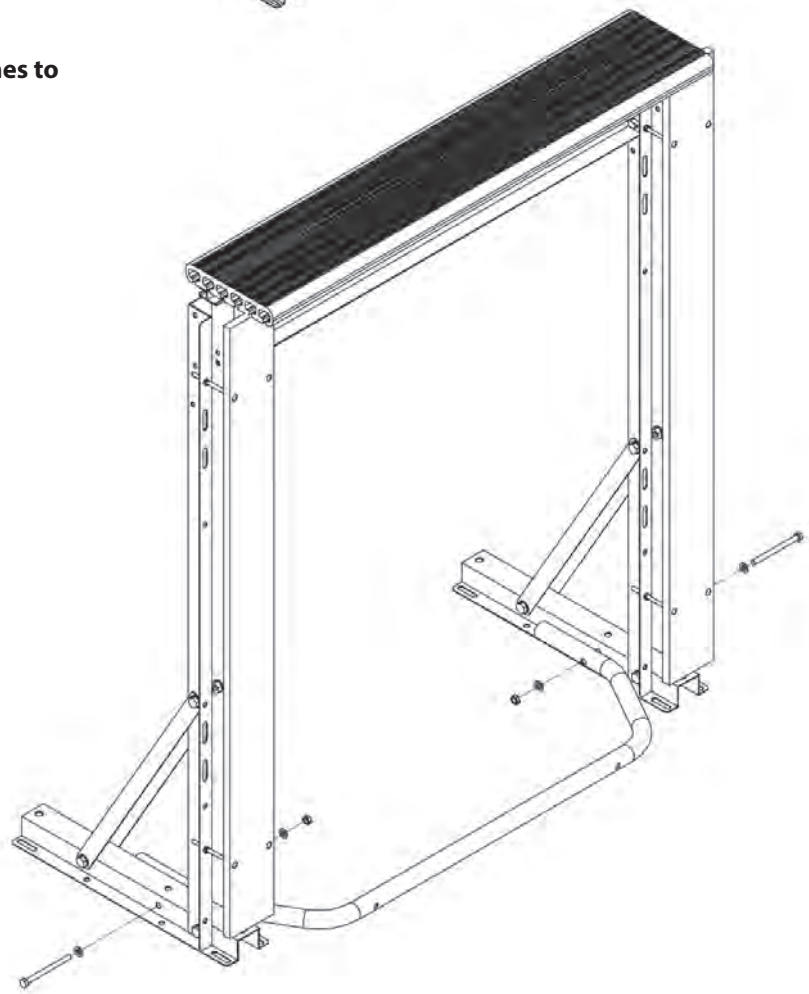
10.2 Assembling of the Ladder to the Structure

Insert the piece diagonally inside the structure then turn toward the ground by placing the point of attachment.

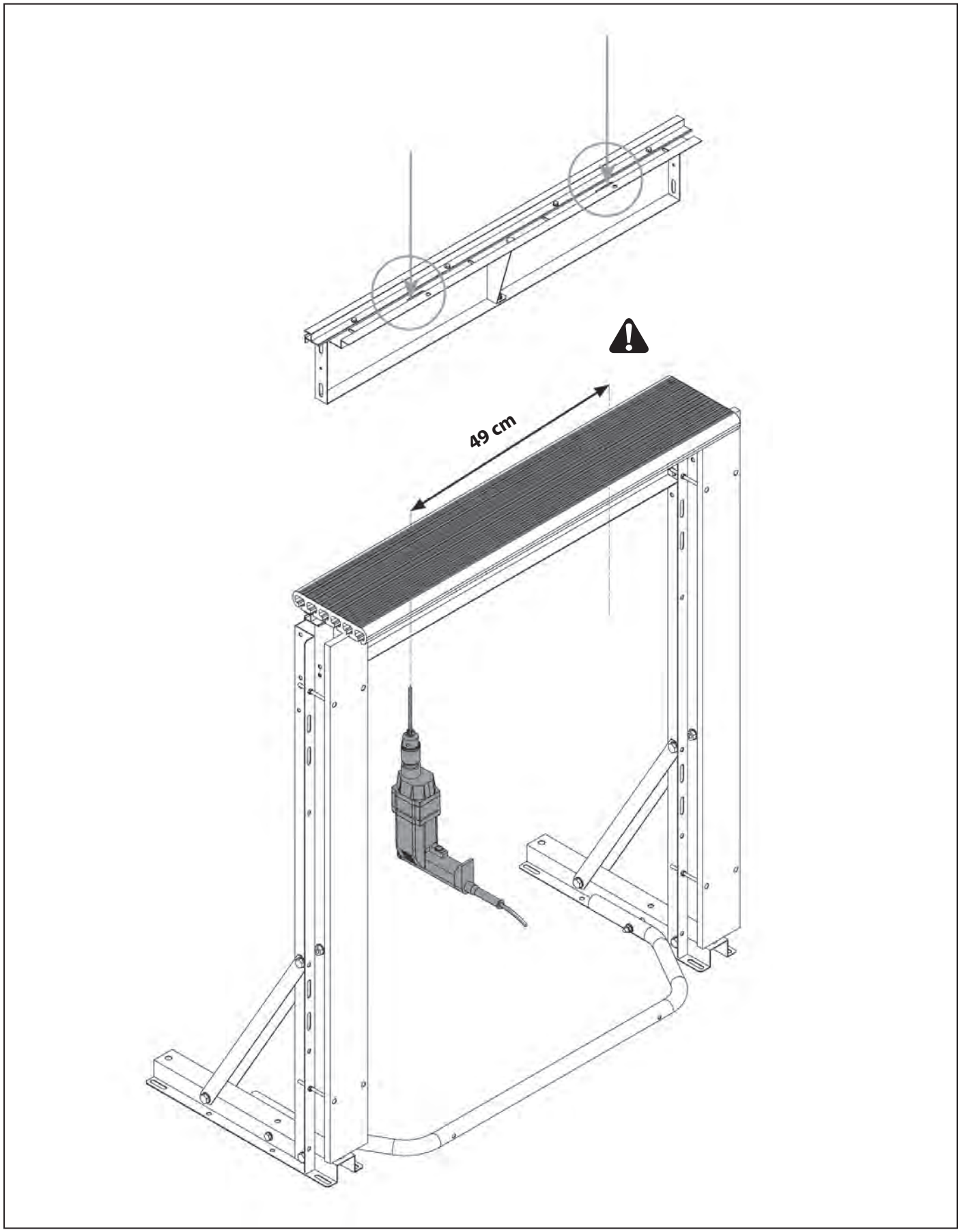


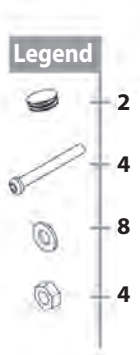


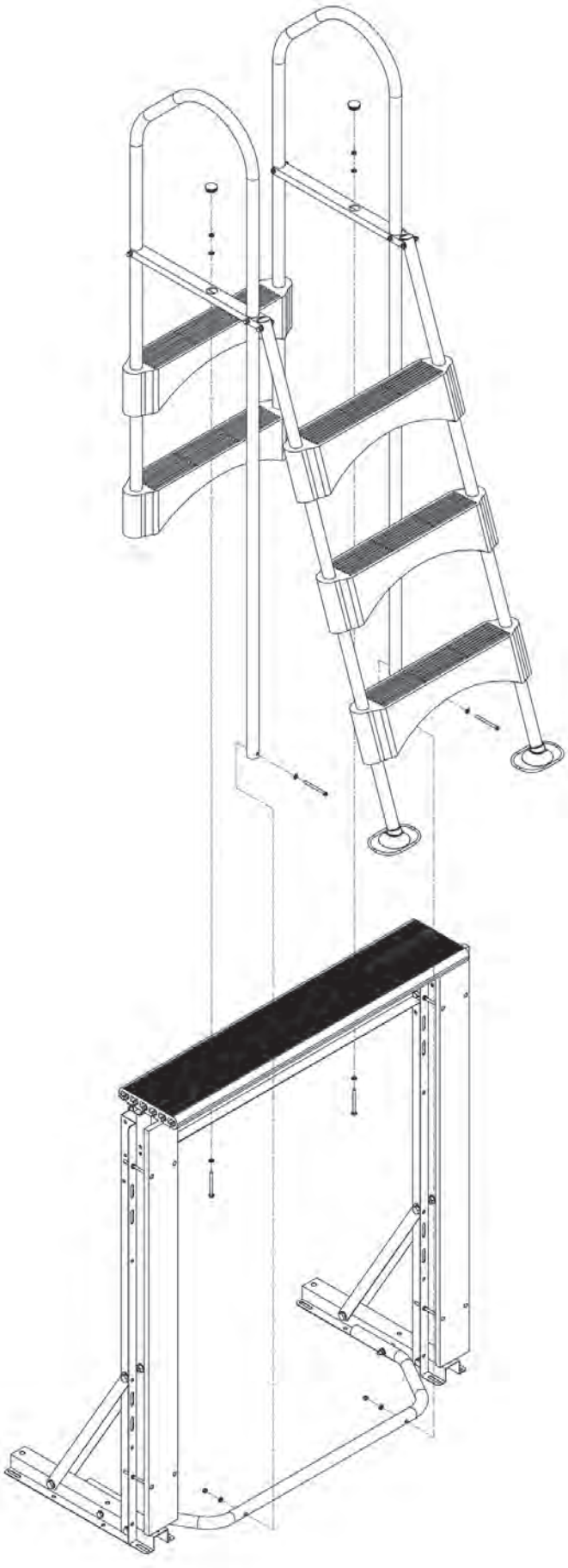
Use 2 wrenches to tighten



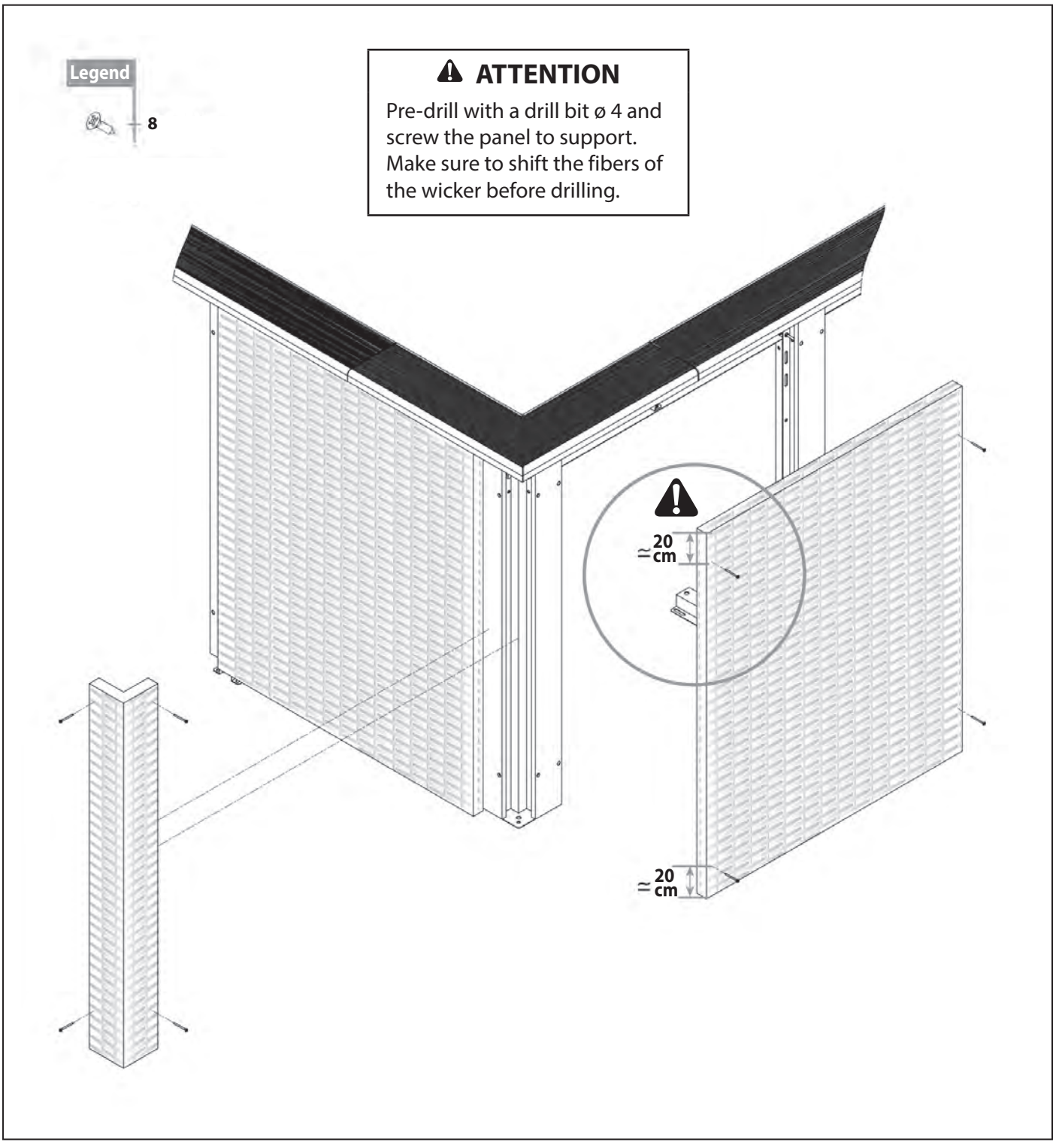
Drill in the plastic wood board by inserting the drill bit (ø 8) in the slot of the support structure as in the drawing to the side.



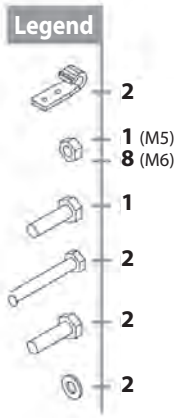

Legend
2
4
8
4

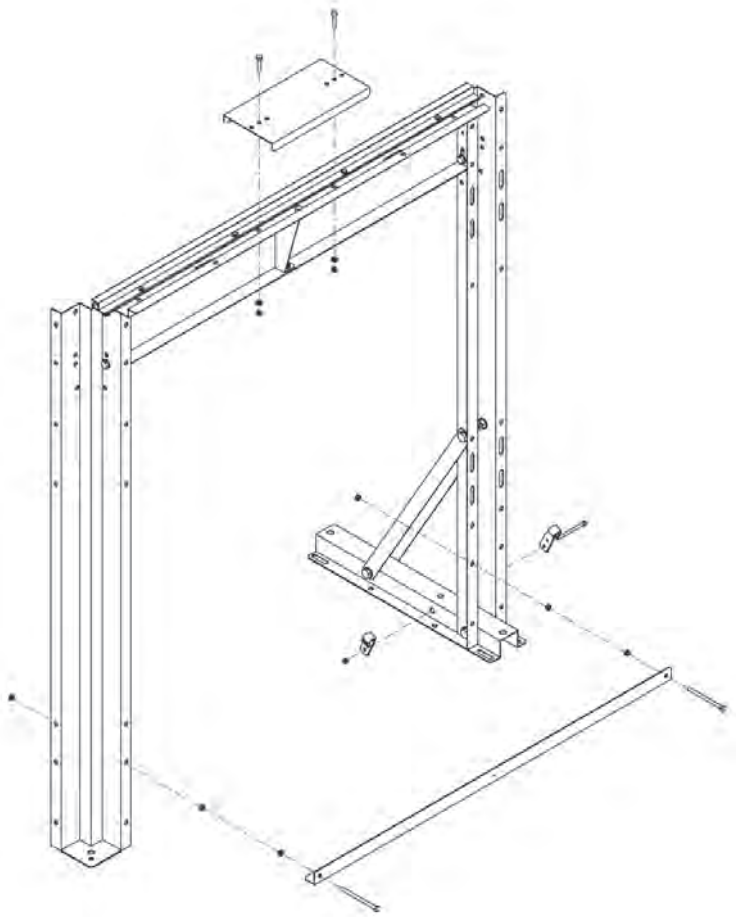


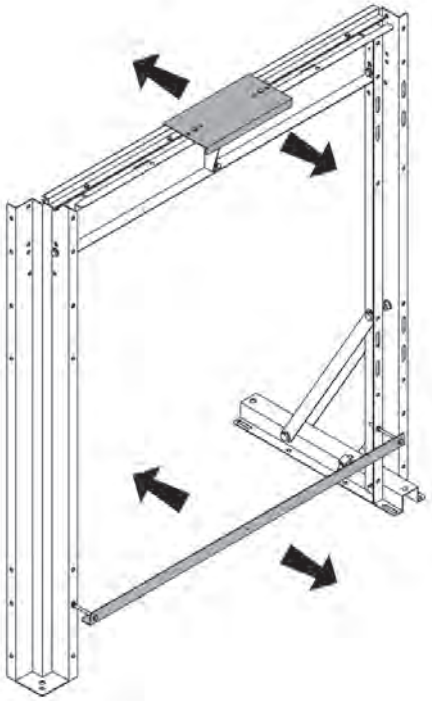
10.3 Panel Assembly

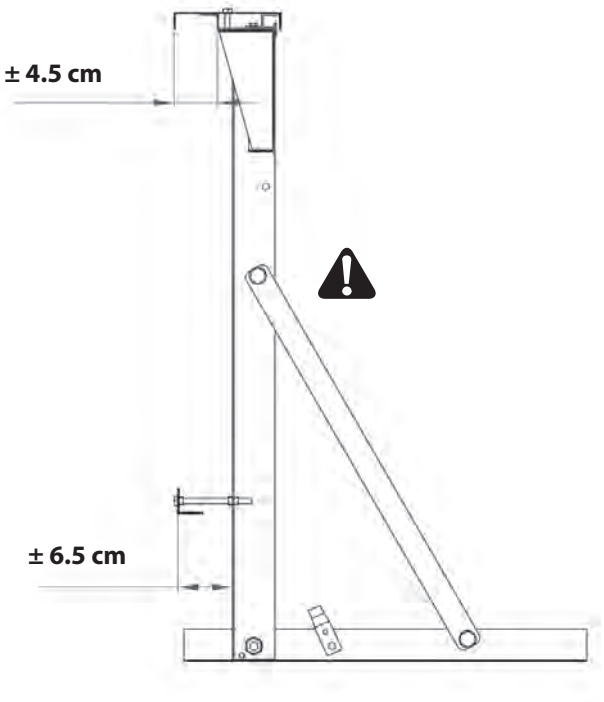


10.4 Panels Supports Assembly









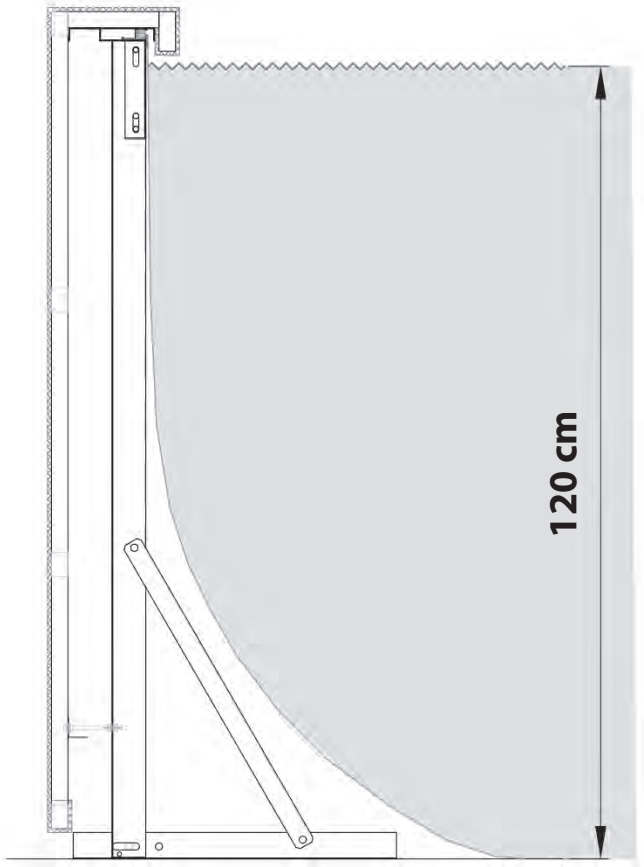
Section 11. Filling The Pool:

Once the pool has been signed off for occupation, you may fill the pool (use of tap water is preferable) and make any required final adjustments.

11.1 Fill with Water

⚠ ATTENTION

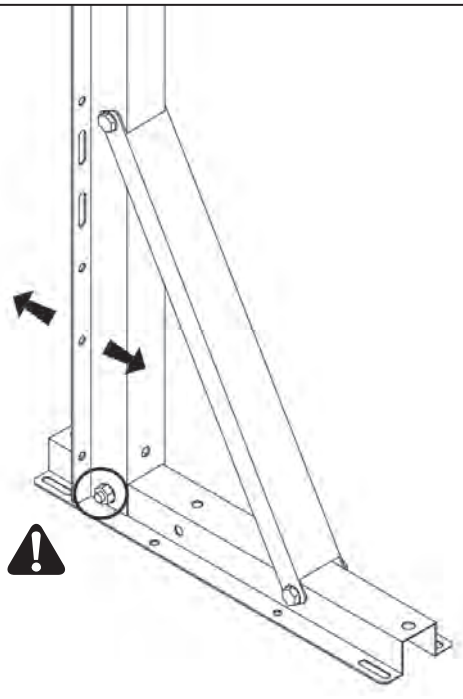
Fill the first 2-3 cm, then make sure that there are no folds on the bottom of the liner. If necessary, stretch the bottom of the liner before continuing.



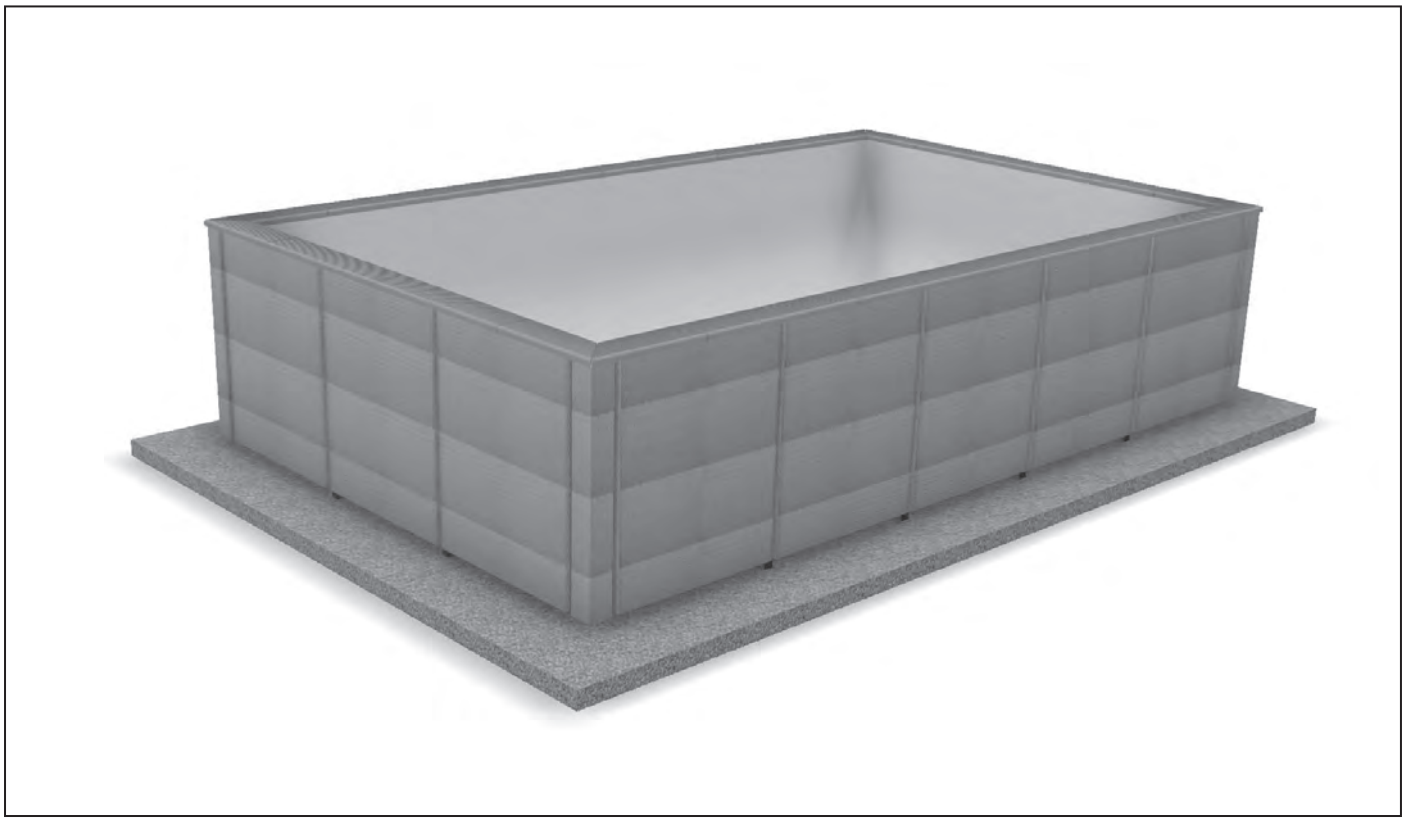
11.2 Adjust after Filling, if necessary

⚠ ATTENTION

If necessary, adjust the structure alignment by loosening the bolt shown.



11.3 Final Assembled Pool



Section 12. Use and Maintenance

12.1 Before First Use

Before first using your pool:

1. The pool must be filled with clean water.
2. Chlorine must be always poured into the skimmer with the pump switched on (or a chlorine tab be placed in the skimmer basket).

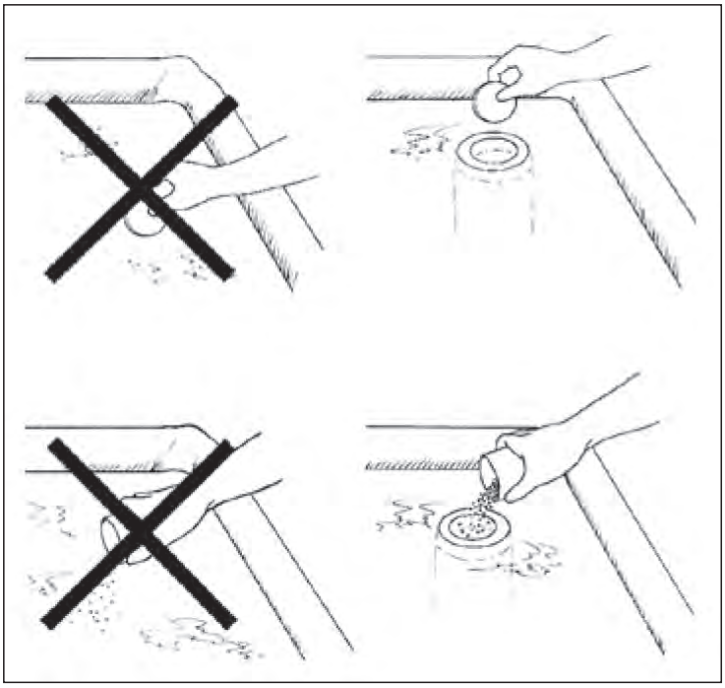
   The contact between chlorine and the liner will cause a fading of the liner colour, but it will not weaken the structure. So you have to pay attention while pouring the chemicals into the skimmer.

   Choline vapour is dangerous, be carefull and avoid breathing it!
3. When you intend to shut the filtration system off for a long period we recommend to remove any undissolved residue of chlorine from the skimmer.

   While dissolving slowly, chlorine would fall over to the bottom of the skimmer with the above-mentioned effects.
4. Your pool liner is made in one piece of a PVC coated polyester membrane with mold and antifungal treatment. This high quality membrane has been developed for more than 40 year and does not require any particular maintenance.

   At the first filling with water, during the first weeks, it might happen to notice some sweating on the surface of the liner. This is a normal characteristic and doesn't effect the strength and the durability of the liner and is not intended as a defect. Let the wet spots dry naturally, dont wipe them. This phenomenon will disappear in few days.

NOTE: The mold treatment is for the most common Swimming Pool Molds. This doesn't effect the strength and the durability of the liner and is not intended as a defect. This is not a valid reason for warranty replacement.



12.2 Cleaning

If any hard calcium deposits appear, use a decalcifier to remove any build up. Your pool shop will recommend certain products.

Always rinse abundantly.

⚠ ATTENTION

Avoid the use of thinners during cleaning.

12.3 Water Chemistry Table

Test and maintain correct water balance throughout the season, according to the table.

	Free Chlorine	pH	Total Alkalinity (ppm)	Calcium Hardness (ppm)	Cyanuric Acid (ppm)
Australian Standard	1 -3	7.2 - 7.8	60 - 200	100 - 400 ***	up to 50
Ideal range	1 - 3	7.4	80 - 140	90 - 300	up to 50
To Increase	Add chlorine or increase equipment output	Add buffer or soda ash (sodium carbonate)	Add sodium bicarbonate	Add calcium chloride	Add cyanuric acid
To Decrease		Add muriatic acid	Add muriatic acid or dry acid	Partially drain and refill pool*	Partially drain and refill pool*
In Season Testing Frequency	Weekly	Weekly	Weekly	Weekly	Weekly

NOTE: Test all equipment sensors quarterly.

* Fill pool with water from the mains water supply. Do not use rain water or well water.

** Do not add salt directly into the skimmer. Do not initiate electrolysis until salt has fully dissolved.

*** Reading is True Calcium Hardness, not Total Hardness.

For full warranty terms and conditions and to register your warranty, visit https://warranty.baracuda.com.au/ and complete your details. Or scan the QR code to go directly to the registration page

Record your equipment details here for quick reference:

Model No. : _____

Serial No. : _____

H0781500

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