



RECTANGLE ASSEMBLY

Positioning

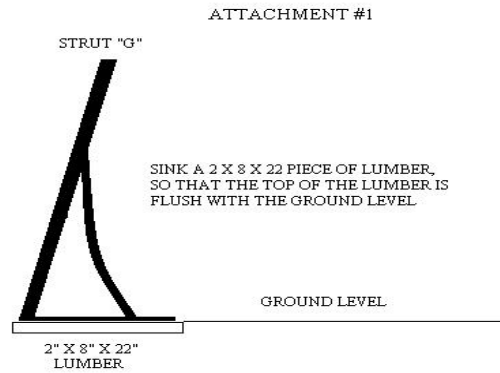
To ensure maximum enjoyment and efficiency, consider the following steps when selecting the desired location of your pool.

- Select a location that receives maximum sunlight for increased heat and extended use.
- Select a location with as little wind exposure as possible to minimize heat loss.
- Be aware of the amount of trees and shrubbery around your pool to limit the amount of debris.
- Select a location with accessibility to water and electric sources.
- Consider privacy when selecting a location.

Ground Preparation

NOTE: PLEASE REVIEW ATTACHMENT (#1) ON THE NEXT PAGE FOR POTENTIAL “**SOFT GROUND**” INSTALLATIONS.

- The surface the pool is to be assembled on, must be firm and level. The pool must be installed as level as possible, within 2”- 3” of level (from the highest point to the lowest point of the pool). If you are going to be 2”– 3” off level, be sure to install the skimmer on the lower side to ensure you skimmer will not suck air into the pump.
- If the ground is not level, take the earth from the high side of the surface; do not add earth to the lower area of the surface.
- Once the surface is level, clear any debris or sharp objects that may be uncomfortable to walk on, or could potentially puncture the liner. A foam flooring may be added under the liner for additional comfort. *See your dealer for details.*
- The supporting legs (Strut-G) burden much of the weight of the pool and may need additional support in “soft ground” installations, or in areas that may experience excess ground water. A 2”x 8” x 22” piece of lumber installed under each support leg and leveled with the ground is very effective. Make sure the entire base of each leg (Strut G) is on the 2” x 8” lumber; any over-hang may result in bending of the leg. A concrete slab (not a paver) of the similar dimensions may be used as well. Please note that any support(s) added under the pool structure must be sunk so that the top of the support is level with the ground surface. Lifting the struts or frame in any manner may cause excessive stress on the liner and frame, and may void the pool warranty. (See Attachment #1 or visit Tuffpools.com, click on Assembly, then at the bottom of the page there is a picture of this procedure)



Parts For Assembly

Your pool is comprised of various parts according to the size and model selected. Therefore, before proceeding with installation, ensure that all necessary parts are present and group like parts.

Items included:

Description	Quantity
(A) Liner	1
(B) Top 130 cm straight tubes	see next page for quantity
(C) Top 60 cm straight tubes	4
(D) Top corner tubes	4
(E) Bottom corner tubes	4
(F) Straight bottom tubes	(same as B) see next page for quantity
(G) Struts	(equal to B+C) see next page for quantity
(*) Vinyl bag with pins & patches	1

Pool Assembly

- Unfold and spread out liner (A) on prepared area.
- Align the legs (G) with cut outs at top of liner.
- Connect bottom tubes (F) to struts (G) one at a time. Remember to feed the corner bottom tubes (E) through the straps before connecting.
- Connect the (B) and (C) tubes together according to your specific model (refer to model chart on next page for details)
- Please note that the (C) tube (shorter tube) is always the last tube on the right when facing the pool wall.
- Feed the connected tubes into the corresponding sleeves of the liner. Remembering to align top rail slots with matching cut outs in liner. Align slots in top rail with corresponding struts (G) and insert.
- Insert and connect the top corner tubes (D). It may be helpful to insert both ends of corner tube (D) into the corresponding liner sleeves, followed by pulling back and connecting one side at a time to top rail.
- Ensure all tubes are connected correctly and that the struts are perfectly aligned.
- **Refer to your Installation Video for more details on this procedure.**

Model Charts

<u>Pools</u>	<u>Long Side x 2</u>	<u>Short Side x 2</u>
9x17	B+B+B+C	B+C
9x21	B+B+B+B+C	B+C
13x17	B+B+B+C	B+B+C
13x21	B+B+B+B+C	B+B+C
13x25	B+B+B+B+B+C	B+B+C
13x47	B+B+B+B+B+B+B+B+B+C	B+B+C
17x31	B+B+B+B+B+B+C	B+B+B+C
17x34	B+B+B+B+B+B+B+C	B+B+B+C

Skimmer Assembly

- Slip skimmer gasket onto each side of the supporting pocket, making sure to align the holes with each other.
- Put the skimmer into the pocket with the throat against the gasket.
- Align and place the face plate on the outside of the gasket and affix by using provided screws.
- Snap in Weir door, add basket and push the lid into place. Only use the included skimmer plate if using a Vacuum or Suction Cleaning system (i.e. Starfish, Aqua Bug, etc...)

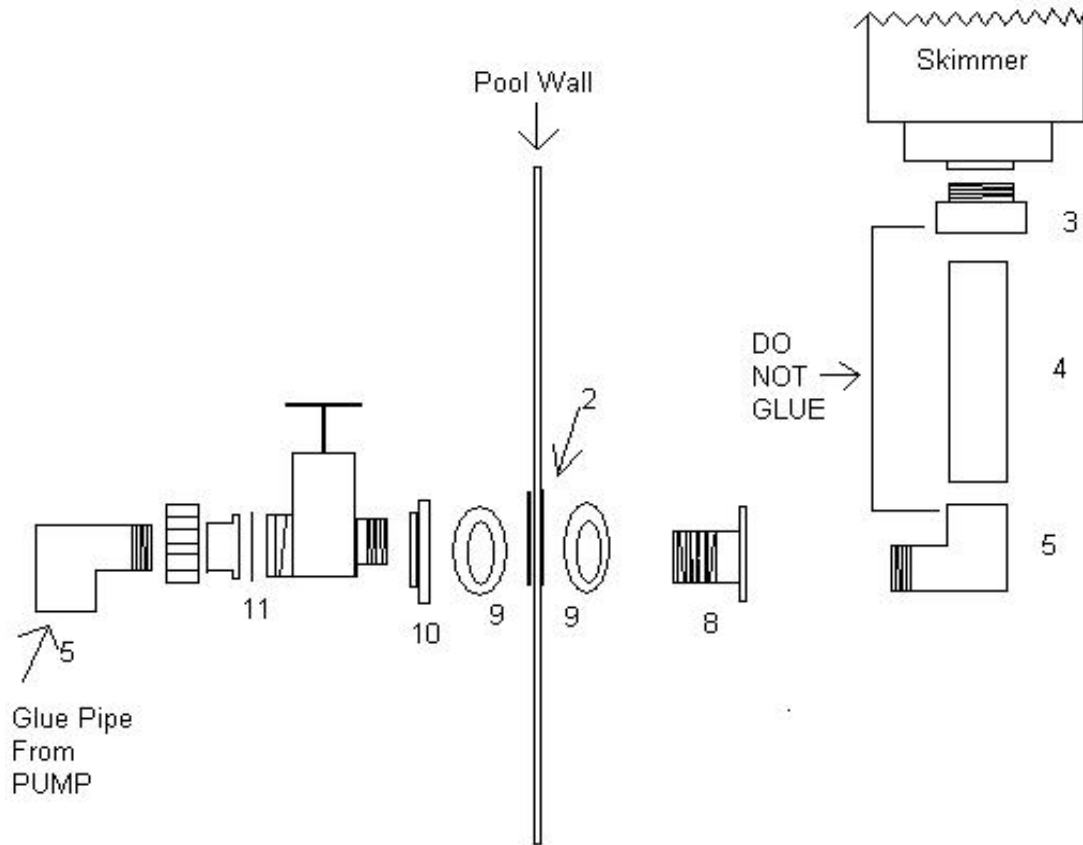
Connecting Skimmer Wall Fitting (see Attachment #2)

- Push fitting (#8) thru the wall of the pool from the inside. MAKE SURE TO USE A GASKET (#9) on both sides of the wall of the pool. Secure the wall-fitting nut (#10) to (#8) now sticking out of the wall of the pool. Again, make sure to have a gasket (#9) on both sides. Tighten with a large pair of channel locks. Make sure the nut is very snug but do not over-tighten, as this may crack your fitting.
- Thread the male portion on the Male Adpador (#3) into the bottom of the skimmer.
- Thread the male portion of the threaded 90 (#5) into the wall fitting (#8)
- Press the connection pipe (#4) into the skimmer fitting (#3) then press the other end of the pipe into the lower fitting (#5). *Note: you may have to lift slightly on skimmer to make this connection.*
- Thread the provided slide valve (#11) into the wall fitting (#10) then; make sure the gasket is in place and the Union Nut is securely fastened to the body of the valve then; thread the male portion the threaded 90 (#5) into the Tailpiece of the slide valve (#11). (Use provided Teflon Tape on threads in this step)

Attachment #2

Rectangle Skimmer Diagram - Part List

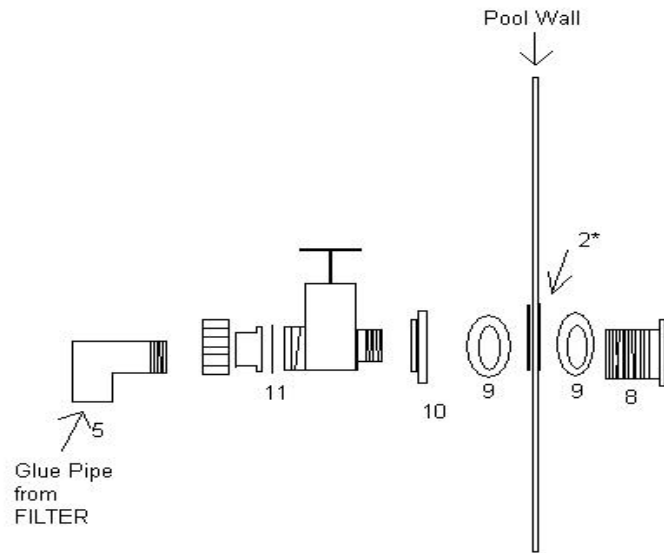
- *Threaded Male Adaptor (#3)* ● *8 ½" Connection Pipe (#4)*
- *(2) 90° Thr. Elbow (#5)* ● *(2) Wall Fitting Gaskets (#9)*
- *Wall Fitting (#8)* ● *Wall Fitting Nut (#10)*
- *Slide Valve w/ Union Nut, Gasket and Tailpiece (#11)*



Connecting Return Wall Fitting (see Attachment #3)

- Push fitting (#8) thru the wall of the pool from the inside. **MAKE SURE TO USE A GASKET (#9) on both sides of the wall of the pool.** Secure the wall-fitting nut (#10) to threaded portion now sticking out of the wall of the pool. Again, make sure to have a gasket (#9) on both sides. Tighten with a large pair of channel lock. Make sure the nut is very snug but do not over-tighten, as this may crack your fitting.
- Thread the provided slide valve (#11) into the wall fitting (#10) then; make sure the gasket is in place and the Union Nut is securely fastened to the body of the valve then; thread the male portion the threaded 90 (#5) into the Tailpiece of the slide valve (#11). (Use provided Teflon Tape on threads in this step)

Attachment #3 **Wall Fitting Diagram**



Plumbing from Wall Fittings to Equipment

- Thread the two male adaptors (provided with the plumbing kit) into your equipment package. One into the pump pot and the other into the return port of the filter. This step varies depending on type of equipment. *Note: Some equipment may come ready to glue into or provide slip fittings for you, therefore the provided adaptors may not be needed.*
- Cut the provided 25' of flexible PVC to length measuring from the skimmer fitting (#5) to the pump side of the equipment and then from the return fitting (#5) to the filter side of the equipment. Use the provided glue to secure to the fittings. *Note: Be sure to cut enough pipe so that the pipe lays on the ground. Do not pull the pipe tight from pool to equipment. Press and hold glued connections for at least 20 seconds.*

Placarding your pool

- Place the included (8) ***no diving into pool/keep children supervised at all times*** stickers on all four sides of your pool on the inside and outside top rail area of your liner, before using the pool.

Caring for your Pool

- Pre-dissolve all dry chemicals before putting them into the pool. Failure to do so may result in bleaching or damaging your liner. Always have your pool running when adding chemicals, liquid or dry.
- Keep water balanced within NSPI standards for vinyl liner pools (**see your local pool and spa retailer for details**). Care of a Tuff Pool is the same as any Above Ground Vinyl Lined Pool.
- Do not leave pool set up while empty.

- Do not leave pool filled with water without proper chemical treatment and pool maintenance.
- Take the pool down if in an area where harsh winter weather occurs. If you only close the pool know that “Winterizing” is specific to the climate the pool is located in. Tuff Pools require no special preparation for the off-season. Tuff Pools are treated the same as any other Above Ground Pool. “Winterizing” generally refers to the treatment of the water in the pool, draining below the ports and draining your equipment, again the pool itself requires no special attention. Visit your local pool store and tell them you would like to “Winterize” or “Close” your Above Ground Pool for the season. They will be able to get you what you need and instruct you based on your location's climate, again **see your local pool retailer for details.**
- If you DO choose to winterize, you must drain the pool below all wall fittings and view ports (if applicable).
- When storing your pool, thoroughly clean and dry liner and carefully roll up. Store your pool in a dry safe place. Always store the hard parts and the liner in separate boxes.
- Disassembling pool: Before disassembling pool please read the following: Once the pool is drained, reach in each corner pocket and pull the liner away from the top rail tubes. Once the liner is loose from the top rail walk around the outside perimeter of the pool moving the wall back and forth to loosen the top rail and corner joints. Begin disassembling rectangle or oval pools by taking off all of the corners. **BE VERY CAREFUL TO SLOWLY AND CAREFULLY PULL CORNERS FROM TOP RAILS, JOLTING OR FORCING THE CORNER OUT OF THE TOP RAIL CAN CREATE A TEAR IN THE CORNER OF THE LINER.** Once corners are off, lift top rails off of the legs and disassemble the remainder of the pool. Make sure the liner is rinsed and fully dry before storing.

***NO DIVING* into pool!**
Keep children supervised at *ALL* times!



LIMITED LIFETIME WARRANTY
Inlet & Outlet Fittings, and Skimmer- One Year
Seams and Fabric Defect in Seam Areas- Twenty (20) Year Proration
Metal Structure Frame- Twenty (20) Year Proration
Ripping and Tearing of Non-Welded Fabric, Sun Scorching – Lifetime

WHO IS COVERED?

This Limited Lifetime Warranty applies only to the original purchaser and is non-transferable. You must have your original sales receipt, proof of identity and register with Tuff Pools™ to receive warranty service.

WHAT IS COVERED?

Warranty coverage begins the day you buy your pool. After the original purchase date, Tuff Pools™ warrants that the following components of the swimming pool will be free from manufacturer's defects for the periods listed as follows:

- Inlet & Outlet Fittings, and Skimmer – One Year
- Seams and Fabric Defect in Seam Areas- Twenty (20) Year Proration
- Metal Structure Frame- Twenty (20) Year Proration
- Ripping and Tearing of Non-Welded Fabric and Structural Damage due to Sun Scorching – Lifetime

Tuff Pools™ will repair, free of charge for parts and accessories, claims covered by the above warranty terms, unless Tuff Pools™ decides, in its sole and absolute discretion, to replace the pool or accessory.

If Tuff Pools™ decides to replace the pool, the following terms and conditions apply: replacement due to seam separation or ripping and tearing in the liner due to a manufacturer's defect will be free of charge during the applicable warranty coverage. During the period of twenty (20) year proration, you will be responsible to pay Tuff Pools™ a percentage of the purchase price (the price that appears on the original sales receipt) of the warranty covered item as follows:

Years 1-5=0% Years 6-10=25% Years 11-15=50% Years 16-20=75%

If Tuff Pools™ replaces the pool liner, Tuff Pools™ may, at its option, replace it with a liner of comparable quality without structural defects. Any replacement pool or accessories will be deemed to be under warranty as of the original purchase date.

You pay for any replacement or repair parts or accessories not covered by the warranty terms and for all applicable labor charges at Tuff Pools™ then-current rates. Any cost of shipping will be the responsibility of the purchaser.

WHAT IS EXCLUDED?

Your warranty does not cover problems arising in whole or part from:

- Purchaser's negligence, misuse, abuse, abnormal use or application.
- Set-up of pool more than 3" out of level, improper maintenance, improper storage, improper use of or damage caused by chemicals, failure to follow all safety precautions, or having the pool up without being full of water.
- Acts of God, abnormal weather conditions, circumstances beyond the control of Tuff Pools™, or damage from plants or animals.
- Bad odors emanating from the pool liner, puncture, abrasion, or cutting. Aesthetic tears or rips caused by any type of undue stress or during assembly/disassembly. Aesthetic blemishes or tears not compromising structure or pools ability to hold water.
- Accident and injury or damages from diving, sliding or jumping into the pool.
- A product used for commercial or institutional purposes.

THIS WARRANTY IS EXCLUSIVE AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. The sole obligation of Tuff Pools™ and the purchaser's sole remedy is limited to repair or replacement, as set forth in this warranty notice. Your warranty does not cover special, incidental or consequential damages resulting from the product, whether or not Tuff Pools™ is aware of the possibility of such damages, including, but limited to loss of chemicals, loss of water, labor or material costs, flooding, injuries to persons or property, or loss of use. (Some states do not allow the exclusion of incidental or consequential damages, so the above exclusion may not apply to you).

WHERE IS SERVICE AVAILABLE?

Warranty service is available in the United States of America. Tuff Pools™ will require, request and authorize the purchaser to carefully clean, package and ship the pool or accessory (insured freight prepaid) to Tuff Pools™ at the purchaser's sole expense.

TO GET WARRANTY SERVICE:

Contact Tuff Pools™ at (623) 939-0851 or Toll Free at 1-866-939-0851. Please record the pool size and model found on the product below. Also, please fill out and mail your warranty registration promptly so we can better serve you.

NO DIVING
CHILDREN MUST BE SUPERVISED AT ALL TIMES

Tuff Pools™
7112 West Frier Road
Glendale, AZ 85303

Warranty Registration:
Mail this in with a copy of your receipt

Name _____ Date of Purchase ____/____/____
Address _____ Phone _____
City _____ State _____ Zip _____ Size _____