

# TUFF POOLS

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## ROUND ASSEMBLY

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### **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 YOUR INSTALLATION VIDEO 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 your 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 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 pressure treated lumber installed under each support leg and leveled with the ground is very effective. Make sure the entire base of each leg 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 legs or frame in any manner may cause excessive stress on the liner and frame, and may void the pool warranty. (Refer to your Installation Video or visit [Tuffpools.com](http://Tuffpools.com), click on Assembly, then at the bottom click on Tips for 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.

- Blue liner (Letter A)
- 120 cm tubes (Letter B) 115 cm legs (Letter C) w/plugs
- Parts bag containing instructions, gloves, patch kit, and quick disconnect springs.

- Each pool will contain the following number of part B and part C components. The 10' round contains 8, the 13' round contains 10, the 15' round contains 12, and the 20' round contains 16.

### **Pool Assembly**

- Unfold and spread out liner (A) on prepared area.
- Align (C) legs with cut outs at top of liner. Each leg will need (2) bottom caps to enclose the bottom of the leg & (1) top cap, in which the tubes (B) are placed.
- Insert (B) tubes through sleeves at top of liner.
- Connect (B) tubes and (C) legs. ***Ensure that the tips of the (C) legs are pointing away from the liner.***
- Hook (C) legs to straps at bottom of liner.
- While pool is filling make sure the legs and top rails stay in proper position until pool is fill at least ¼ full.
- Refer to your Installation Video for more detailed instructions for this procedure.

### **Connecting Skimmer Wall Fitting (see Attachment #1)**

**\*CUT ONLY INSIDE ROUND REINFORCED DESIGNATED AREAS OF THE LINER.  
(See Notes on Attachment #1 before cutting)**

- Cut out inner portion of the round welded gasket (2) located on the side of the pool.  
*(Note: On some models holes may be pre-cut and require little or no trimming to fit fitting (8) through the wall)*
- 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; thread the male portion the threaded 90 (5) into the slide valve (11). (Use provided Teflon Tape on all threads)

### **Skimmer Assembly (See Attachment#1)**

- Feed the metal posts of the Skimmer Hook (14) through the dedicated holes (13) in the collars and replace the rubber tips.
- Align skimmer with reinforced skimmer cut-out and hang in position.
- Fasten Male Adaptor (3) to skimmer base, using the skimmer nut (12).
- Thread Male Adaptor (7) into wall fitting (8).
- Press pipe (4) into (3). Then (4) into (5), (5) into (6) and (6) into (7). DO NOT GLUE ANY OF THESE FITTINGS TOGETHER.

### **Connecting Return Wall Fitting (see Attachment #2)**

**\*CUT ONLY INSIDE ROUND REINFORCED DESIGNATED AREAS OF THE LINER.**

- Cut out inner portion of the round welded gasket (2) located on the side of the pool left of the skimmer. *(Note: On some models holes may be pre-cut and require little or no trimming to fit fitting #8 through the wall)*

- 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; thread the male portion the threaded 90 (5) into the slide valve (11). (Use provided Teflon Tape on all threads)

### **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 the other on the return port of the filter.
- Cut the provided 25' of flexible PVC to length measuring from the skimmer fitting (5) to the equipment and then from the return fitting (5) to the equipment. Use the provided glue to secure to the fittings.

### **Placarting your pool**

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

### **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.
- Keep water balanced within NSPI standards for vinyl liner pools (see your local pool and spa retailer for details).
- Do not leave pool set up while empty.
- Do not leave pool filled with water without proper chemical treatment and pool maintenance.
- Take pool down if in an area where harsh winter weather occurs.
- 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.

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