

**Important Information-** The installation procedure outlined below is a **RECOMMENDATION ONLY**. All pools and pool decks are different and Synergy Global Supply Inc. makes no guarantee that the instructions below will be suited to your particular pool and deck. We recommend that you hire a qualified, insured installation company to mount your Pool Lift. The hardware provided is recommended for many installations but **may not be suitable for all pool and pool decks**. Synergy warrants its products, but does not warranty against accidents or damage due to faulty installation. Please call 804 435 7520 with questions.

**Installation for pool decks made of Cement, Concrete or like material:**

- 1) Install the lift at a location where the water depth **DOES NOT** exceed a depth of 48".  
**This is an ADA requirement.** Insure the cement is in good condition to receive the anchor bolt and strong enough to support the pool lift.
- 2) Tools required for installation - Marking pen/pencil, level and small bubble level, 3/4 inch (19mm) masonry drill bit, and 120v hammer drill best. The mounting bolt and sleeve may need to be slightly driven into the hole after drilling out the concrete. **USE A WOODEN BLOCK** if necessary, **DO NOT HIT THE STAINLESS STEEL BOLT WITH A HAMMER AS IT WILL DAMAGE THE THREADS.** Keep a block of wood between the threads and the hammer.
- 3) Locate the area where the Lift will be installed.
- 4) If the pool deck has irregularities that will not allow the Pool Lift to sit level, shim as needed or consider another area. Do not shim more than 1/4". The lift must be installed as close to level as possible.
- 5) Your Pool Lift may need to be grounded and bonded to the surrounding grid system. Be sure to check all Local and National Electric Codes before installation is complete. Failure to comply with Local and National Electrical Codes may void all warranties offered by Synergy Global Supply, Inc.
- 6) Locate the template included with the Pool Lift and place the middle of the front bolt hole 15 inches away from edge of the pool. This will allow the center line of the seat to be 16 inches from the edge of the pool. **This is an ADA requirement.**
- 7) After confirming the installation location, make a center mark through the 6 holes in the template.

- 8) Measure from the edge of the pool to the edge of the template corners to ensure the template is square to the edge of the pool. The distance from the pool edge to each corner should be the same.
- 9) Using a  $\frac{3}{4}$  inch (20mm) masonry bit, find the center of the 6 marks you have just drawn and drill down at least 4  $\frac{1}{2}$  inches into the cement. Be as accurate as possible otherwise the bolts will not align with the base plate of the pool lift. Remove all debris from the hole.
- 10) Insert the sleeve and tapered bolt into the hole with the treaded end of the assembly facing UP. We recommend hand tightening the nut on the threads until it touches the sleeve, then insert the assembly into the hole. If necessary, place a block of wood on top of the threaded bolts and tap the assembly into place. **NEVER HIT THE THREADED BOLT WITH A HAMMER OR METAL TOOL AS THIS WILL DAMAGE THE THREADS OF THE BOLT.**
- 11) After the assembly is fully inserted into the concrete, place the pool lift over the bolts taking care **NOT** damage the treads. Install the large flat washer and then the lock nut and then the nut to the threaded bolt.
- 12) Begin tightening down the nuts in an even pattern. **DO NOT** tighten any one nut completely until all nuts are approximately the same snugness.
- 13) After all nuts are snug, tighten all securely. Re-check after using the lift several times to insure all nuts have not worked loose.
- 14) **IMPORTANT-** Fully test the unit in all up-down positions using sand bags or other type of weights totaling 300 lbs before allowing **ANYONE** use the lift. It is critical that the Lift be professionally installed and fully tested before allowing persons to use the Lift.

Call Synergy Global Supply with questions:

804 435-7520

9:00-5:00 EST