



Aqua Creek Products

THE LEADERS IN RECREATION, FITNESS AND ABILITY!



10" EZ ANCHOR PART NUMBER: F-30220

Installation Instructions

400 LBS [181 kg] MAXIMUM LIFTING CAPACITY

MANDATORY – LEAVE THIS MANUAL WITH LIFT OWNER

- WARNING -

IMPORTANT SAFETY INSTRUCTIONS

1. READ AND FOLLOW ALL INSTRUCTIONS. LIFT SAFETY CAN ONLY BE ENSURED IF THE LIFT IS INSTALLED AND OPERATED PROPERLY – ACCORDING TO THESE INSTRUCTIONS.
2. TO REDUCE THE RISK OF INJURY, DO NOT PERMIT CHILDREN TO USE THIS PRODUCT UNLESS THEY ARE CLOSELY SUPERVISED AT ALL TIMES.
3. DO NOT PERMIT CHILDREN TO PLAY ON OR AROUND THIS PRODUCT.
4. NEVER APPLY DIRECT WATER PRESSURE TO THE ELECTRONIC COMPONENTS.
5. SAVE A COPY OF THESE INSTRUCTIONS IN A SAFE AND EASILY ACCESSIBLE PLACE.

**Aqua Creek Products
9889 GARRYMORE LANE
Missoula, MT 59808**

Toll Free: 1-888-687-3552 • Fax: 1-406-549-2602 • Web: www.aquacreek.com

10" EZ POOL LIFT ANCHOR INSTALLATION

NOTE: The 10" EZ Pool Lift comes standard with a 10" deep anchor socket that is installed into a concrete deck. The 10" EZ Pool Lift Anchor system can be installed in an existing pool deck (Retro-fit installation) or when pouring a new concrete pool deck (New construction installation). If the anchor has already been installed you can move on to the assembly section of this manual that is appropriate to the lift you purchased.

EZ POOL LIFT RETRO-FIT ANCHOR INSTALLATION

NOTE: The concrete deck around the anchor system should be a minimum of 8" thick and should be reinforced with #4 reinforcing bars spaced on 10" centers in each direction. The total concrete pad area should be at least 60" wide (measured away from the pool edge) and 60" long (parallel with the pool edge).

REQUIRED TOOLS (Core Drilling Method)

Tape Measure	Core Drill
4" [10 cm] Core Drill Bit	Electrical tape
2-part Epoxy or Hydraulic Cement	Small Carpenters Level
Felt Tip Marking Pen	Vacuum or compressed air source

STEP 1:

Determine the best location for the lift. Be sure to mount the lift at a location that provides at least 42" [107 cm] and no more than 48" [122 cm] from deck level to the bottom of the pool. Make sure the location includes enough clear deck space to easily transfer into the lift seat. Keep in mind this lift will require assistance from another person to operate and you should locate it in an area that can accommodate another person. The lift should also be located so as to provide at least 6' [1.8 m] of unobstructed deck to each side of the lift to accommodate easy maneuvering of the lift over the water and back.

STEP 2:

Locate the concrete anchor socket that came with your lift. Be careful to not lose the protective cap on the anchor. This will be used to keep dirt and debris out of the socket when the lift is not installed in the anchor.

STEP 3:

The setback to the center of the anchor must be no less than 12" [30.5 cm] and no more than 20" [51 cm] from the pool wall. The anchor location must also be at least 6" [15 cm] from any control joint or edge of concrete slab. Measure the location out using your tape measure and marking pen. (Reference the drawing on the next page for details).



STEP 4:

Core drill at least a 4" [10 cm] diameter hole at the desired location for the lift anchor socket. The hole will need to be at least 7" [18 cm] deep to allow for the grounding lug which protrudes from the bottom of the anchor. Depending on the thickness of your concrete slab, you may drill completely through the slab and into the underlying dirt. If you have drilled all the way through your deck you need to saw cut the deck and pour a new footing according to the deck requirements at the beginning of this section.



TIP: Use the electrical tape to make a mark on your drill bit at 7" [18 cm] as a depth mark to tell you when to stop drilling.

STEP 5:

Clean out the hole and make sure your hole is deep enough to allow the anchor to be flush with the finished surface.

STEP 6:

Ground the anchor according to your local code requirements. (This may require additional drilling and/or other tools).

STEP 7:

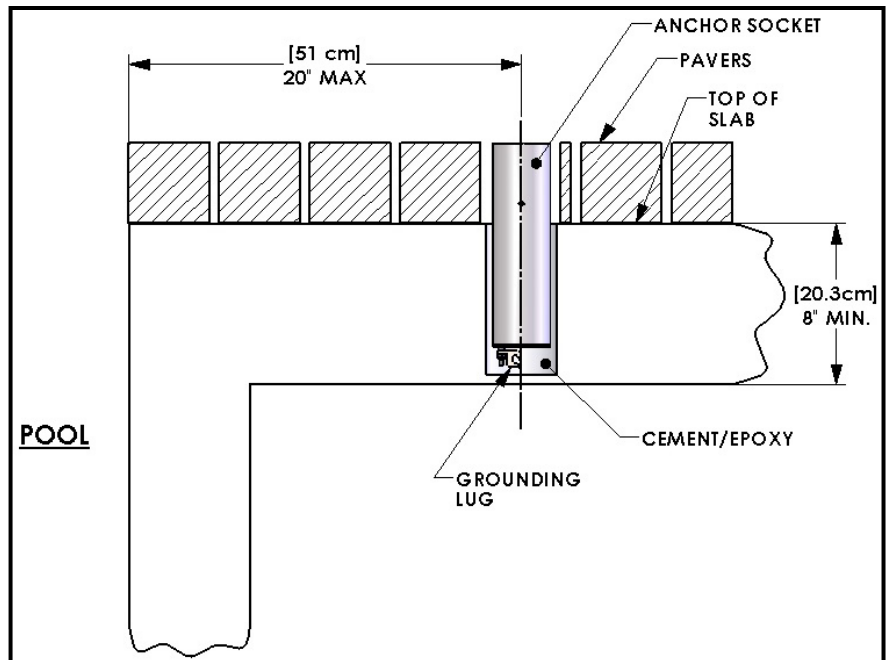
Carefully insert the anchor into the hole and pour some cement or epoxy around the anchor to provide support enough to check for plumb.



TIP: Fill the hole about 1/3 full of cement or epoxy prior to inserting the anchor. As you insert the anchor rotate it back and forth so that you can evenly distribute the cement or epoxy around the anchor.

STEP 8:

Check the anchor for level and plumb and pour hydraulic cement or high strength epoxy into the remaining space around the anchor making sure there are no void spaces. Let cement or epoxy cure for 24 hours (or minimum manufacturer's recommendations) before using lift.



NEW CONSTRUCTION ANCHOR INSTALLATION

NOTE: The concrete deck around the anchor system should be a minimum of 8" thick and should be reinforced with #4 reinforcing bars spaced on 10" centers in each direction. The total concrete pad area should be at least 60" wide (measured away from the pool edge) and 60" long (parallel with the pool edge).

REQUIRED TOOLS

Tape Measure
String Level

Small Carpenters Level
String Line

STEP 1:

Determine the best location for the lift. Be sure to mount the lift at a location that provides at least 42" [107 cm] and no more than 48" [122 cm] from deck level to the bottom of the pool. Make sure the location includes enough clear deck space to easily transfer into the lift seat. Keep in mind this lift will require assistance from another person to operate and you should locate it in an area that can accommodate another person. The lift should also be located so as to provide at least 6' [1.8 m] of unobstructed deck to each side of the lift to accommodate easy maneuvering of the lift over the water and back.

STEP 2:

Locate the concrete anchor socket that came with your lift. Be careful to not lose the protective cap on the anchor. This will be used to keep dirt and debris out of the socket when the lift is not installed in the anchor.



STEP 3:

The setback to the center of the anchor must be no more than 20" [51 cm] from the pool wall and at least 6" [15 cm] from any control joint or edge of concrete slab. Measure the location out using your tape measure. (Reference the drawing on the previous page for details).

STEP 4:

Ground the anchor according to your local requirements.

STEP 5:

Place the anchor in the proper location using the string level and string line to make sure the top of the anchor will be flush with the finished surface of the new deck. Place a small amount of concrete at the location of the anchor to hold it in place.

STEP 6:

Verify all your measurements for accuracy and pour the deck as you normally would, making sure not to get any concrete inside the anchor system. Allow the concrete to cure before installing and using the lift.