

EZ™ Anchor Instructions



PART #: F-033EZA

MANDATORY – LEAVE THIS MANUAL WITH LIFT OWNER



Read & follow all instructions
Lift safety can only be ensured if the lift is installed
and operated according to these instructions



NEVER permit children to play on or around the lift
Do not allow children to use the lift without adult supervision



NEVER apply direct water pressure to the electronics



NEVER use the lift with a dry pool



For safety reasons, **NEVER** swim alone

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SAVE a copy of these instructions

Anchor Installation: Retrofit

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

NOTE: The concrete deck around the anchor system should be a minimum of 8" thick and should be reinforced with #4 reinforcing bars spaced 10" on center 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).

STEP 1:

Determine the best location for the lift. Be sure to mount the lift at a location where there is at least 42" [107 cm] of water. Make sure the location includes enough clear deck space to easily transfer into the lift seat. The lift should also be located to provide at least 6' [1.8 m] of unobstructed deck on each side of the lift to accommodate easy maneuvering of the lift over the pool deck and water.

STEP 2:

Locate the concrete anchor socket. 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 a concrete slab. Measure the location for the anchor 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 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 (see "note").

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

STEP 5:

Clear the hole of any debris and make sure your hole is deep enough to allow the anchor to be flush with the finished deck surface.

STEP 6:

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

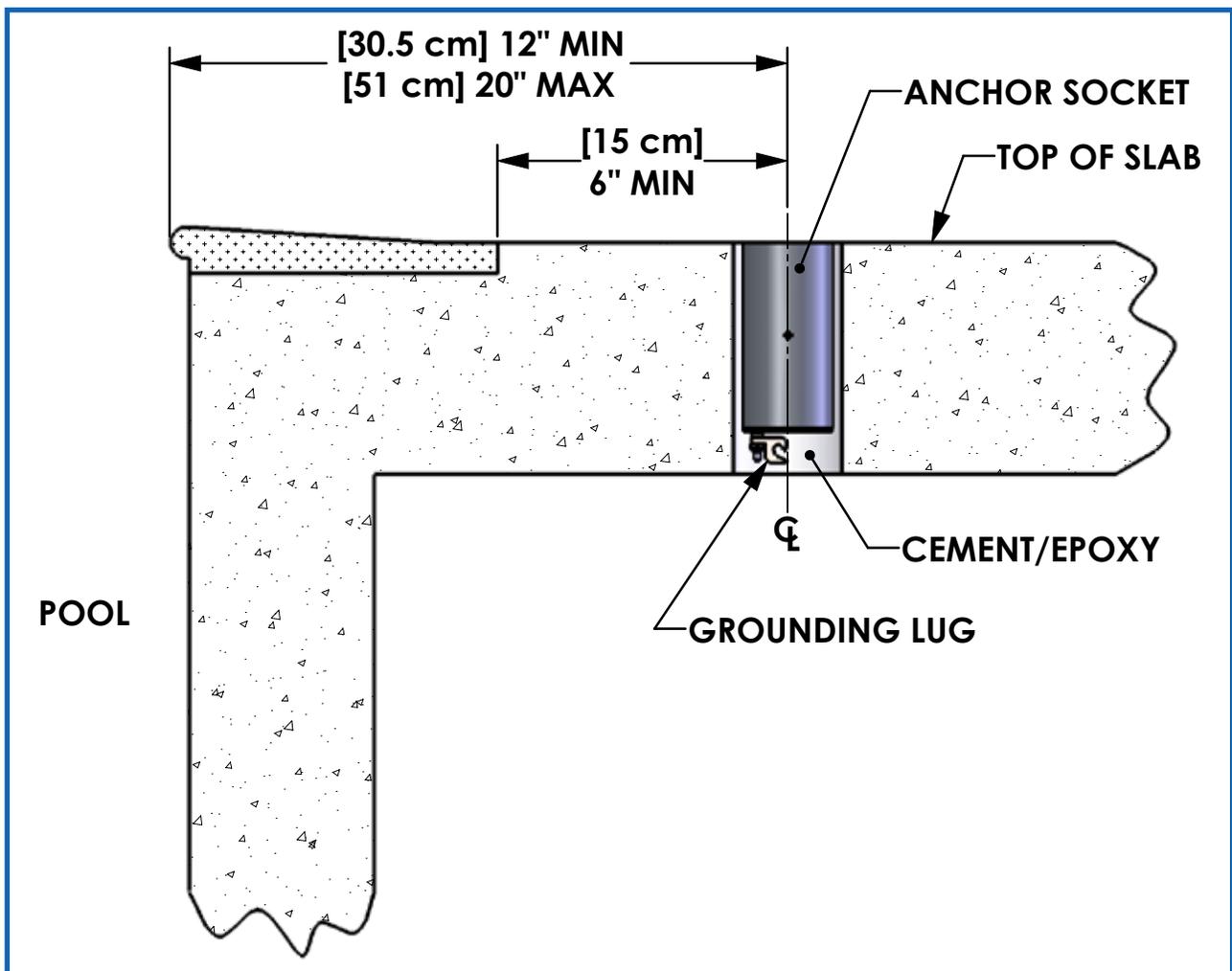
STEP 7:

Carefully insert the anchor into the hole and pour cement or epoxy around the anchor to provide enough support to check if anchor is vertical and perpendicular to the pool deck.

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 you can evenly distribute the cement or epoxy around the anchor.

STEP 8:

Make sure the anchor is level and flush with the pool deck and then 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.



Anchor Installation: New Construction

REQUIRED TOOLS (Core Drilling Method)

Tape Measure
String Level

Small Carpenters Level
String Line

NOTE: The concrete deck around the anchor system should be a minimum of 8" thick and should be reinforced with #4 reinforcing bars spaced 10" on center 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).

STEP 1:

Determine the best location for the lift. Be sure to mount the lift at a location where there is at least 42" [107 cm] of water. Make sure the location includes enough clear deck space to easily transfer into the lift seat. The lift should also be located to provide at least 6' [1.8 m] of unobstructed deck on each side of the lift to accommodate easy maneuvering of the lift over the pool deck and water.

STEP 2:

Locate the concrete anchor socket. 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 the concrete slab. Measure the location using your tape measure. (Reference the drawing on the previous page for details).

STEP 4:

Ground the anchor according to your local code 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.

