

# Grizzly/Growler Anchor II

## Part Number 21700



***SPECTRUM***  
***Products®***

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21700 – Man Rev A

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## **Shipping Information:**

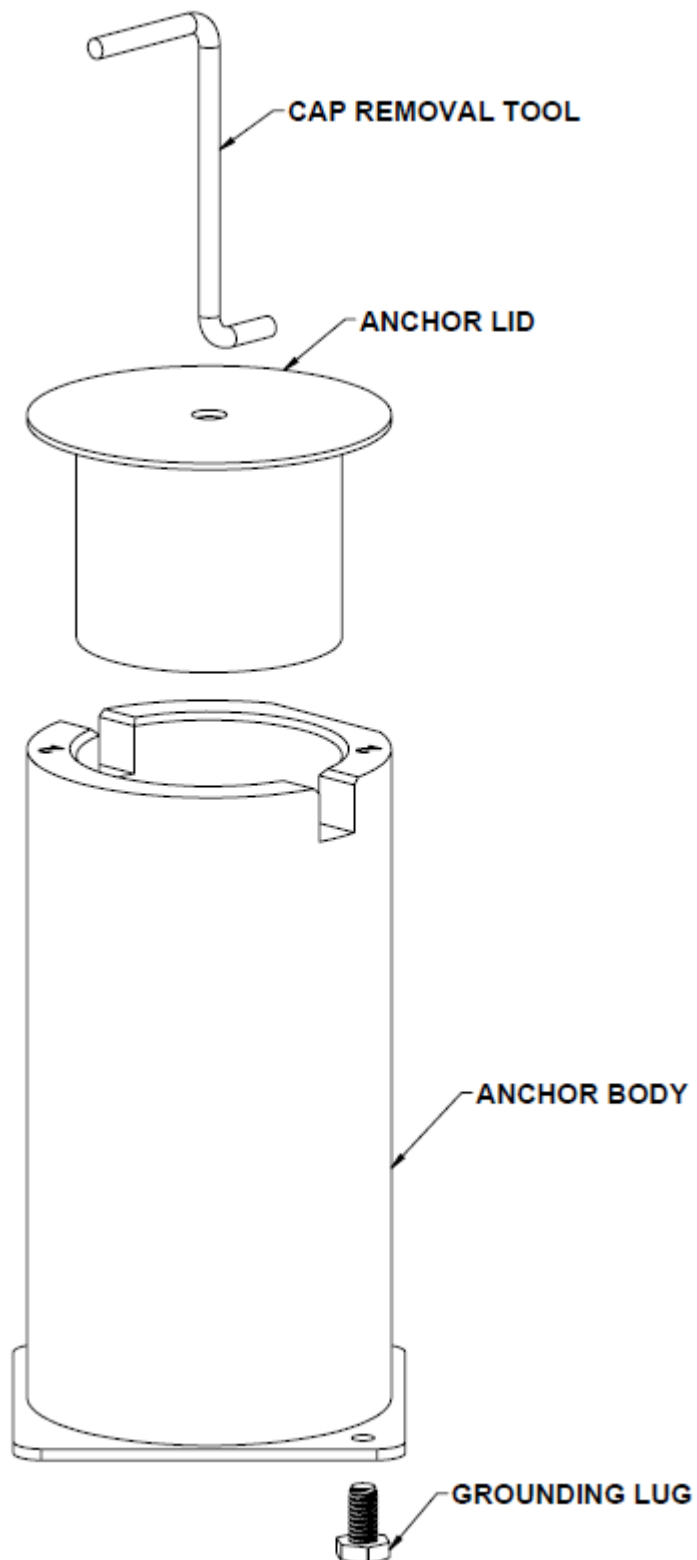
You have purchased a Spectrum Products Grizzly/Growler Anchor. Providing the anchor is installed correctly and properly maintained, it will furnish you with many years of trouble free use. It is important to read this entire manual prior to setting anchor.

Each unit will arrive fully assembled. Before accepting the unit from the carrier, inspect for visible damage and match the contents with those listed below. Spectrum is not responsible for lost or damaged freight.

The crate will contain all structural components and hardware. The following is a list of the components included with your shipment from Spectrum. Use Components and Hardware on page 4 as a reference to identify each item listed below:

1 - Grizzly/Growler Anchor

## Components and Hardware



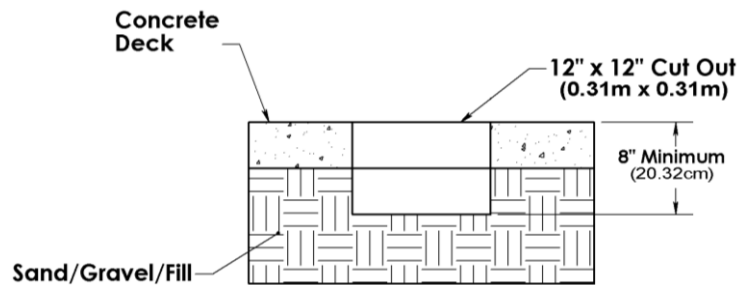
## Installation Instructions

**CAUTION:** Do not install starting platforms before concrete is completely cured.

### **Retro-fit Anchor Installation**

1. Determine the desired location for the platform(s). Generally the starting platform will be installed on center of the racing line tile markers installed in the swimming pool. Refer to the measuring guide (final page of this manual) for the anchor set back distance. If platforms have already been ordered, this dimension may have already been determined. If this is the case, refer to the approved submittal drawings provided by Spectrum.
2. From the center of the desired anchor location, using a marking pen or chalk, mark a 12" x 12" square. This is the concrete to be removed to accommodate the installation of the platform anchor. It is recommended that the anchor be located at least 6" from any expansion joint, crack, drain, or similar structure in the concrete deck.
3. Use a concrete cutting saw; cut the 12" x 12" square out of the existing concrete deck. Using a heavy/sledge hammer to break the cut section of concrete – remove the section of concrete from the deck, see below.

**Note:** If the concrete deck is less than 6" thick, dig out the bottom of the hole to about 8" below the deck surface.



4. Locate a bonding source to bond (ground) the anchor. The steel rebar-bonding grid of the pool deck is the best choice for bonding the anchor. Attach a No. 8 solid copper wire (NEC Section 680-22) from the bonding bolt on the base of the anchor to the bonding grid.

**Note:** If the concrete deck is 8" thick or more, an alternative anchor installation method may be used. In lieu of saw cutting the concrete deck, a concrete core drill may be employed to cut a 6" diameter hole at the desired anchor installation location. Epoxy or hydraulic cement may be used to secure the anchor in place. Make sure the anchor is properly bonded.

5. Insert the anchor cap into the anchor before pouring concrete – not allowing concrete to enter anchor opening.
6. Fill the hole in the deck around the anchor with non-expanding concrete. Set the anchor so that the Anchor Cap is flush to the deck surface.
7. Use a level, to level the anchor making sure that it is vertically plumb in all directions. Allow the concrete to cure for at least 7-days before installing platforms.

## **New Construction Anchor Installation**

1. Determine the desired location for the platform(s). Generally the starting platform will be installed on center of the racing line tile markers installed in the swimming pool. Refer to the measuring guide (final page of this manual) for the anchor set back distance. If platforms have already been ordered, this dimension may have already been determined. If this is the case, refer to the approved submittal drawings provided by Spectrum.
2. Locate a bonding source to bond (ground) the anchor. The steel rebar-bonding grid of the pool deck is the best choice for bonding the anchor. Attach a No. 8 solid copper wire (NEC Section 680-22) from the bonding bolt on the base of the anchor to the bonding grid.
3. Secure anchor in place – proper height – anchor may be mudded in place. Set the anchor so that the finished top is 1/8" to 1/4" below finished deck level – allowing for anchor cap to be put in place when the unit is not in use.
4. Use a level to insure the anchor is be vertically plumb.
5. Place tape over the hole in the bottom of the anchor before pouring concrete deck – not allowing concrete to enter anchor opening.
6. Pour concrete deck and finish. Allow the concrete to cure for at least 7-days before installing and using the unit.

## **Maintenance of Stainless Steel railings and equipment:**

Stainless Steel will discolor and eventually corrode if not properly maintained. Stainless steel is resistant to corrosion but environments of high moisture and temperature mixed with chlorine can lead to premature discoloration and or failure. With proper care and maintenance your product will last many years.

### **Maintenance to prevent rusting and corrosion:**

When a corrosive environment is present, stainless steel must be maintained to prevent rusting of the surface. After installation, procedures must be put in place to regularly clean and re-passivate the surface. Chlorides will bond inter-granularly with the stainless steel and corrosion will begin. Daily rinsing with clean water is the best way to maintain the surface. This removes any chlorides that may have been splashed onto the surface in normal use. If ANY rust is seen during normal use it must be removed immediately. By using Spectra Clean System 1 it will remove the rust and re-passivate the surface.

### **Maintenance of stainless steel that has rusted severely:**

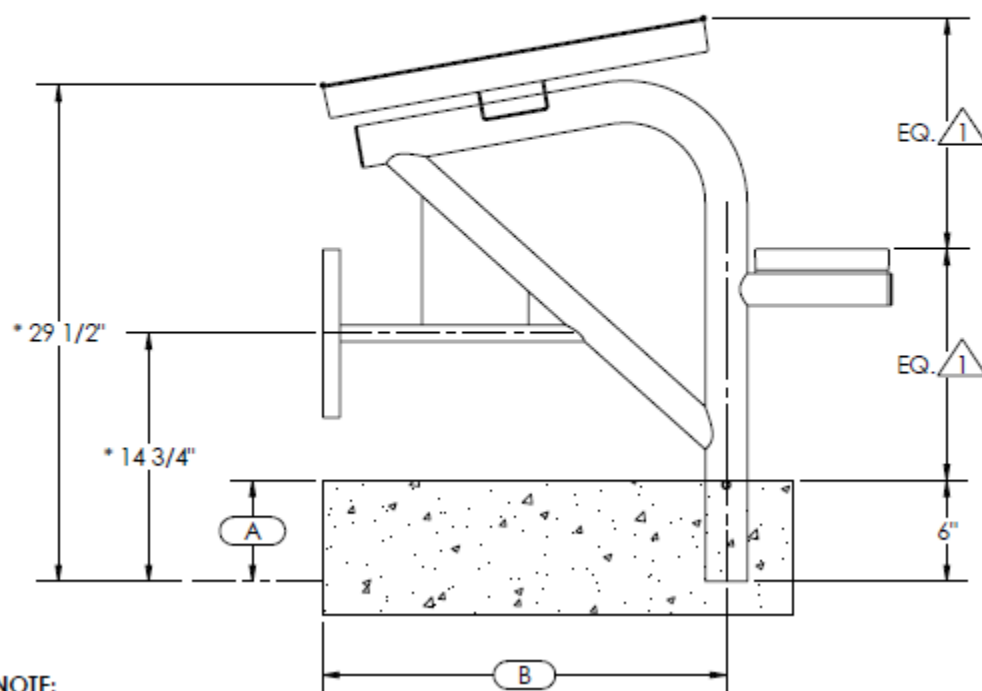
Once the stainless steel has rusted to the degree where pitting of the surface has occurred, special precautions must be taken to protect the integrity of the steel. It is important to keep the rust removed from the surface as rust is self-propagating and will spread rapidly on and within the stainless steel. The first process is to remove the rust. Depending on the severity of the corrosion use either Spectra Clean System 2 or 3. If pitting of the surface has already occurred it is likely that the rust will continue to bleed out of the pits and come to the surface. Constant maintenance is necessary to make sure that the rust is removed as soon as possible after it is evident. Use of non-scratching Scotch-Brite® pads can help to remove rust.

Long term protection of the surface can be attained by applying Spectra Shield after removing the rust and drying the surface. This forms a protective layer in the pits and inter-granular boundaries that prevents air and water from entering the rusted spots. Without the air and water the rust cannot propagate.

There are times other considerations require extra effort not discussed above. For clarification and assistance please call Spectrum Products Customer Care Line: 406.532.6343 or 1-800-791-8056 x.222

# MEASURE GUIDE STARTING PLATFORM

FORM MG-SP



## NOTE:

Field measurements are required for the product you wish to order. Please provide product accurate measurements to eliminate delays or errors in the design and manufacturing.

\* These dimensions are standard production for Spectrum Products and meet FINA, NCAA, USAS, USMS and NFHS height requirements. Please contact your Spectrum Products sales representative if you would like to vary these dimensions.

\*\*Step side is determined by standing behind your starting block facing the pool.

If your deck has a slope, dimension (A) should be taken from the surface of the water to the level where the starting platform post(s) meets the deck.

Please contact your Spectrum Products sales representative for Logo and Powder Coating options.

	DESCRIPTION	MEASUREMENT ROUND TO THE NEAREST 1/2"	X	**STEP SIDE
				LEFT ENTRY
				RIGHT ENTRY
				REAR ENTRY
A	WATER DRAFT		X	STARTING BLOCK COLOR
				BLUE
				GREEN
				RED
				WHITE (STANDARD)
				YELLOW
B	SETBACK			

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