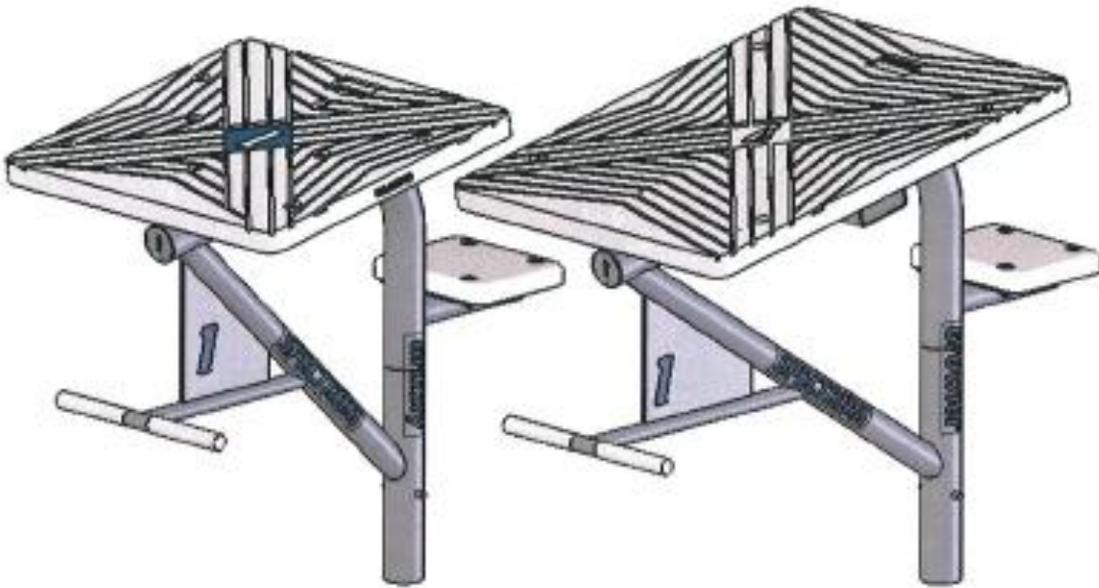


Grizzly/Growler SP



Owner's Manual Measuring Guide and Installation



7100 Spectrum Lane
Missoula, Montana
406.542.9781
Fax: 406.542.1158

Contents

Measuring Guide:	1,2
Step 1: Determine Anchor Location	
Step 2: Measuring the deck-to-water profile	
Step 3: Anchor Installation	3
Unpacking and Inspection	3
Installation Instructions	3
Instructions for Removal	3
Parts	3

Starting Platform

Measuring Guide

The measuring guide is intended to aid the installer in determining the proper location of the starting platform on the swimming pool deck. The measuring guide will also provide Spectrum with the information needed to design the starting platform specifically for the customer's pool. Spectrum starting platforms are custom engineered to comply with the regulations of FINA, FR 2.7, USS regulations 103.11.1-6, and NCAA Article 7. It is important that accurate measurements be provided by the projects architect/consultant and/or the installer, to assure that the platforms installation will comply with the foregoing regulations.

NOTE: If platforms are being ordered before pool construction, architectural drawings and specifications will be used for deck to water level dimensions.

CAUTION: Grizzly starting platforms should not be installed on swimming pools with water depth less than 4 feet.

Step 1: Determining Anchor Location

The anchor setback distance will need to be determined first. The anchor setback is the distance from the pool wall to the centerline of the anchor. When determining anchor location, architectural specifications take precedence over all other dimensional requirements. If not specifications are given, Spectrum recommends a set back of 30 inches. If a different anchor location is desired, the anchor setback distance can be between 20-30 inches. Any anchor location in this range is acceptable. However, do not position anchors within 6 inches of the obstructions such as expansion joints, seams, or cracks in the concrete.

Step 2: Measuring the deck-to-water profile

Tools Needed:

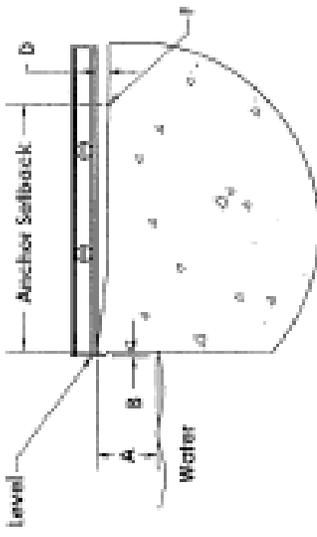
- 1) Tape Measure
- 2) Carpenter's Level (At least 3" long)

IMPORTANT: if installing multiple starting platforms on a swimming pool facility, it is imperative that all anchors be installed at the same elevation. It is therefore important that the installer determine the highest point of the swimming pool deck and obtains all measurements from that point.

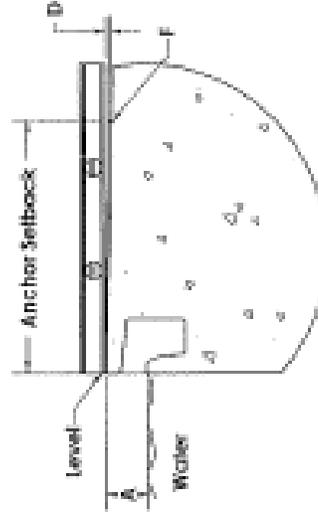
Fill out the deck-to-water profile diagram included, using the wall profile that most closely resembles the installation site. Use the carpenter's level along with a tape measure to obtain accurate measurements. See figure 1.

The dimension "D" is the elevation difference between the bottom of the carpenter's level and the finished swimming pool deck, at the anchor point location, "F". To measure for dimension "D", lay the carpenter's level on the surface of the finished swimming pool deck as shown in the deck-to-water profile diagram. With the bubble of the level being centered, obtain measurement "D" from the bottom edge of the carpenter's level to the finished swimming pool deck. The "D" dimension measurement will establish the location of the top of the starting platform anchor with the anchor lid in place.

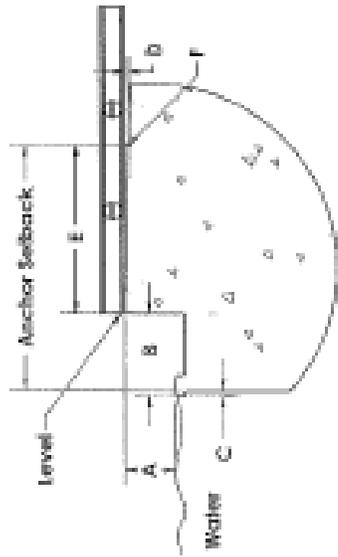
The completed deck-to-water diagram must be returned to Spectrum so that Spectrum engineers can design the platform(s) in accordance with the customer's pool and the regulations mentioned previously. Diagrams may be faxed to Spectrum at 800.791.8057.



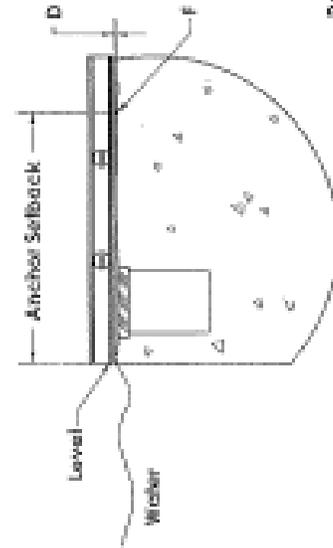
Skimmer



Deep Trough



Trough



Rollout

Please Circle Diagram That Matches Your Deck-to-Water Profile
 Take Measurements To The Nearest 1/16 Inch
 Mark X In Dimensions That Do Not Apply To Your Profile

_____ Anchor Seelback

_____ A

_____ B

_____ C

_____ D

_____ E

Deck-to-Water Profile Diagram

Figure 1

Starting Platform

Thank you for purchasing the Grizzly starting platform from Spectrum Products®. We appreciate your business. To assure trouble-free installation and use of your new Grizzly starting platform it is recommended that you read the entire Installation and User's Guide before attempting to install and or use the platform.

REMINDER: It is your responsibility to inspect product shipments, checking for the following:

- Check the number of cartons/boxes/crates against the shippers' bill of lading.
- Check the boxes/cartons/crates for freight, handling and/or suspected hidden damage.

Refer to our published freight policy for more information related to shipping. If you have any questions or problems related to your shipment we will do everything in our power to assist you. Please feel free to contact us at 800.791.8056. Our support team is there to help you.

Spectrum employs heavy-duty shipping materials/cartons/boxes/crates to protect product finishes and components from freight handling damage. Our quality control department guarantees that the proper quantities of items/components are packaged in each individual shipment, having a two-counter sign-off responsibility, insuring that there are no shortages of items/components.

If freight damage or shortages of cartons/boxes/crates should occur you must file a claim with the carrier, noting damage or shortage on the bill of lading, before accepting shipment.

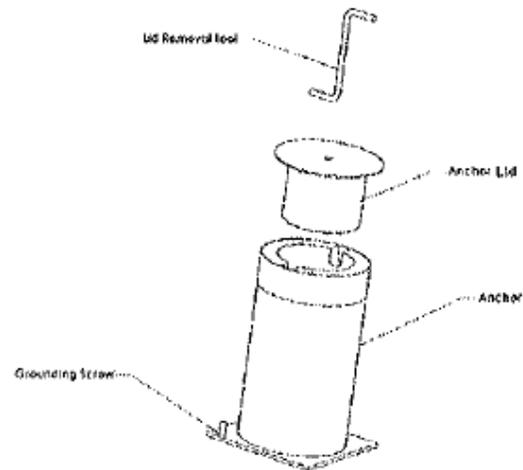
It is Spectrum's desire to provide you with superior products and services. Unfortunately we cannot control circumstance related to the shipment of products beyond our freight docks.

Unpacking and Inspection

Each Grizzly will arrive in three boxes being partially assembled. Before accepting the Grizzly shipment from the carrier, inspect for visible damage and match the contents of the boxes.

Step 3: Anchor Installation

Starting platform anchors are sold separately and on new construction projects are often shipped well in advance of the starting platforms. Anchor shipment will include an anchor body with bonding screw and anchor lid, see figure 2. One (1) anchor is required for each Grizzly starting platform.



Anchor Assembly

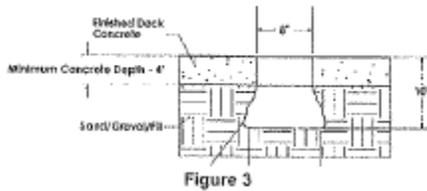
Figure 2

a) Retro-fit anchor installation:

Tools Needed:

- 1) Concrete Saw
- 2) Carpenter's Level
- 3) Tape Measure
- 4) Chalk

- 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 step 1 of the measuring guide 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.
- Using a concrete saw cut a 12 inch x 12 inch square hole in the concrete swimming pool deck. The hole should be cut completely through the concrete deck. After removing the concrete from the hole, dig down below the surface of the concrete swimming pool deck to a depth of 10 inches. Refer to figure 3.



NOTE: If the concrete swimming pool deck is more than 8 inches thick, an alternative anchor installation method may be employed. Use a 6" core drill to cut a 6" diameter hole to a depth of 8" at the anchor installation location. Epoxy or hydraulic cement can be used to secure the anchor in place.

- Insert the anchor (with anchor lid) into the hole. Be careful not to bend, nick, or damage the anchor in any way.
- Make sure the anchor is properly bonded.

NOTE: The National Electric Code requires that all stationary equipment must be properly bonded to the pool-bonding grid. Use the grounding screw provided with the anchor. Bonding to a common grid may promote a galvanic condition, enhancing the possibility for a corrosion and discoloration of metallic materials. Be aware, corrosion of the least noble metal may occur.

- Position the anchor in the hole at the appropriate dimension as determined in Step 2 of the measuring guide.
- The top of the anchor, with the anchor lid installed, should be set at the "D" elevation, as determined in Step 2 of the measuring guide. See figure 4.

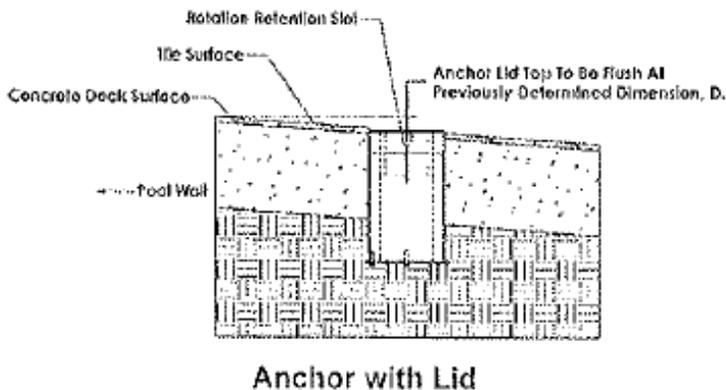
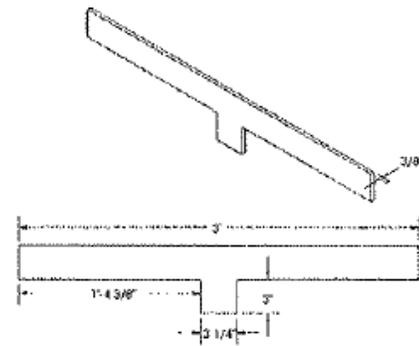


Figure 4

IMPORTANT: If installing multiple starting platforms on a swimming pool facility, it is imperative that all anchors be installed at the same elevation. It is therefore important that the installer determines the highest point of the swimming pool deck and obtains all measurements from that point.

- Level the anchor from front to rear, and side-to-side, using the carpenter's level. The rotation retention slots of the anchor body must be aligned so that they are parallel with the swimming pool wall.

NOTE: An anchor aligning tool may be constructed using 3/8" thick plywood (or any rigid material of the same thickness). To use the anchor aligning tool, insert the bottom part of the "T" into the rotation retention slots. Align the anchor so that the perpendicular distance between the pool wall and each end of the anchor aligning tool is the same. See figure 5 for anchor aligning tool dimensions.



Anchor Aligning Tool

Figure 5

WARNING: Failure to align the rotation retention slots of the anchor body so that they are parallel with the swimming pool wall will result in starting platforms being noticeably crooked.

- Slowly fill in the hole around the anchor with concrete. Be careful not to allow any concrete to enter the anchor body. Be sure to cover anchor slots and lid with tape before pouring concrete.
- Once anchors have been positioned correctly, allow appropriate time for the concrete to cure before installing the starting platform.

b) New Construction Anchor Installation:

Refer to architectural specifications to determine the starting platform location.

- Position the anchor at the pre-determined anchor set back distance, perpendicular to the pool wall. See step 1 of the measuring guide.
- Make sure the anchor is properly bonded.

NOTE: The National Electric Code requires that all stationary equipment must be properly bonded to the pool-bonding grid. Use the grounding screw provided with the anchor. Bonding to a common grid may promote a galvanic condition, enhancing the possibility for a corrosion and discoloration of metallic materials. Be aware, corrosion of the least noble metal may occur.

- The top of the anchor, with the anchor lid installed, should be set at the “D” elevation, as determined in step 2 of the measuring guide. See figure 4.

IMPORTANT: If installing multiple starting platforms on a swimming pool facility, it is imperative that all anchors be installed at the same elevation. It is therefore important that the installer determines the highest point of the swimming pool deck and obtains all measurements from that point.

- Level the anchor from front to rear, and side-to-side, using the carpenter’s level. The rotation retention slots of the anchor body must be aligned so that they are parallel with the swimming pool wall.

NOTE: An anchor aligning tool may be constructed using 3/8” thick plywood (or any rigid material of the same thickness). To use the anchor aligning tool, insert the bottom part of the “T” into the rotation retention slots. Align the anchor so that the perpendicular distance between the pool wall and each end of the anchor aligning tool is the same. See figure 5 for anchor aligning tool dimensions.

WARNING: Failure to align the rotation retention slots of the anchor body so that they are parallel with the swimming pool wall will result in starting platforms being noticeably crooked.

- Slowly fill in the hole around the anchor with concrete. Be careful not to allow any concrete to enter the anchor body. Be sure to cover anchor slots and lid with tape before pouring concrete.
- Once anchors have been positioned correctly, allow appropriate time for the concrete to cure before installing the starting platform.

Installation Instructions for the Grizzly Starting Platform:

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

Step 1: Install Starting Platforms

Remove the anchor lid. Slide the Grizzly starting platform support post into the anchor, making sure that the rotation retention rod is aligned with the rotation retention slots. The support post should rest on the bottom of the anchor, while the rotation retention rod should fit tightly into the rotation retention slot.

Step 2: Seating Platform

Step up onto the platform top and bounce forward, back and side-to-side to test for stability on the platform.

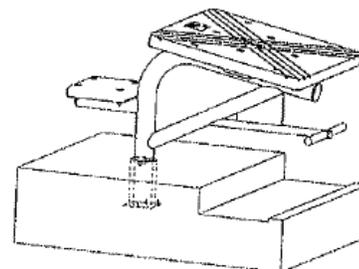
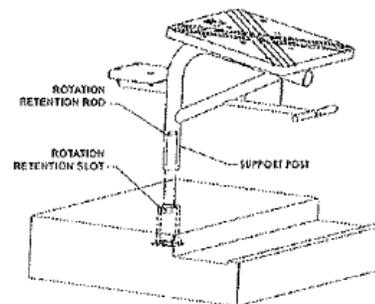
Instructions for Removing the Grizzly Starting Platform:

Step 1: Remove the Platform

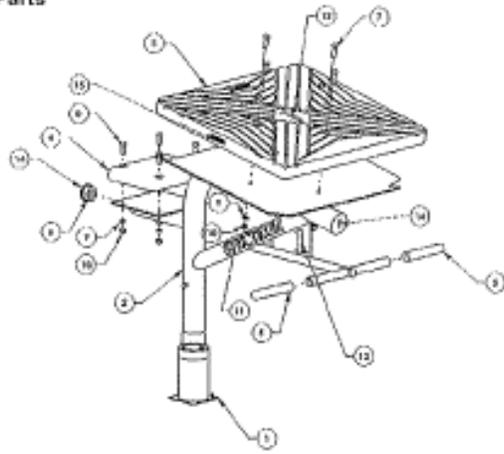
Using the support post as a grip, pull the platform straight up, out of the anchor.

Step 2: Inserting the Anchor Lid

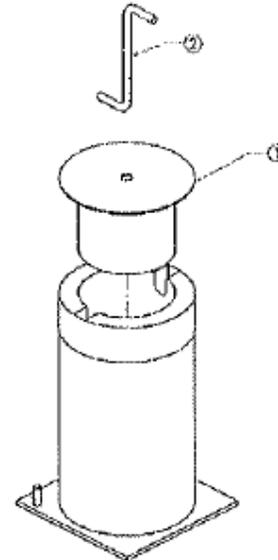
Insert the power start anchor lid into the anchor body when the platform is not in use.



Parts



Number	Description	Quantity	Part #
1.	Grizzly Anchor	1	21700-00
2.	Grizzly Starting Platform Weided Frame	1	N/A
3.	Footboard 22"x24" White HDPE	1	555120-03
4.	Footboard 8"x10"x1-3/8" HDPE	1	555075-03
5.	Handle Grip White 1" Dia. 6" Long	2	557050-03
6.	HDPE Lid 1.90"x.145"	1	522520-03
7.	Carriage Bolt 3/8"-16x1-1/2"	4	564650-03
8.	Carriage Bolt 3/8"-16x1-1/4"	4	564625-03
9.	Lock Washer 3/8"	8	565200-03
10.	Acorn Nut 3/8"	8	565100-03
11.	Sticker-Spectrum Die Cut Blue	2	557111-03
12.	Number 3" Blue Vinyl (#1-8)	2	557191-03 to 557198-03
13.	Number 3" Square (#1-20)	1	558301-03 to 558320-03
14.	Number 1" Blue (#1-8)	2	557160-03; 165, 170, 175, 180, 181, 182, 183
15.	Starting Platform Warning Sticker	3	557150-03



Number	Description	Quantity	Part#
1.	Anchor Cap Removal Tool	1	21701-04
2.	Grizzly Anchor Lid	1	21702-04