

# Installation Instructions

## 5 Star & Cross Star Safety Pool Covers



Please read all assembly / installation instructions before the installation or removal of this product.



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# ANCHOR SAFETY POOL COVER WARRANTY

**To whom does the Limited Warranty apply?** This Limited Warranty is extended to the original consumer purchaser only, and IS NOT transferable or assignable to any subsequent user of the pool cover.

**What is covered by the Limited Warranty?** Anchor warrants that the pool cover fabric will be free from defects in materials and workmanship during the Limited Warranty coverage period.

**What will Anchor Industries, Inc. do in the event of a product defect?** Anchor will repair or replace, at Anchor's sole discretion, the pool cover at no charge at any time during the first twelve (12) months of the Limited Warranty coverage period. After the first twelve (12) months of the Limited Warranty coverage period, Anchor will either, at Anchor's sole discretion, repair the pool cover, or give an allowance towards the replacement of the pool cover. The amount of the allowance will be determined by dividing the number of months remaining in the Limited Warranty coverage period by the total warranty period, and multiplying that percentage times the current dealer price.

**How long is the Limited Warranty coverage period?** For Mesh pool covers, the warranty period is one hundred and forty four (144) months, beginning on the date of purchase. For Solid and Five-Star covers, the warranty period is one hundred and twenty (120) months, beginning on the date of purchase.

**What is not covered by the Limited Warranty?** This Limited Warranty DOES NOT cover: (1) replacement of rubber ties, stainless steel springs, or other hardware, (2) damage caused by wear or abrasion at the coping edge, (3) incidental damages to the deck or surrounding surfaces of the pool [see additional limitations on incidental and consequential damages below], (4) damage caused by fire, vandalism, animals or insects, abuse and neglect, improper installation, acts of God, or use for any purpose other than covering a swimming pool, (5) premature deterioration from sun or chemical over-exposure, (6) damage caused by water levels that drop more than 1'-3" below the coping, and/or (7) adjustments to the pool cover not made by the dealer.

**What you must do to receive service under the Limited Warranty:** Contact your pool cover dealer if you believe there is failure covered by this warranty. The dealer may arrange for inspection of the cover and assist in determining the nature of the problem. You may contact Anchor directly for further instruction regarding the problem and possible resolution. During the first twelve months of the warranty period, Anchor will reimburse for freight charges returning the cover to the factory. You, or your dealer, must obtain Return Goods Authorization (RGA) prior to returning the cover to the factory. Covers returned without prior authorization will be refused and returned at your expense. Anchor will not reimburse freight charges for warranty claims after the first twelve (12) months of the Limited Warranty coverage period. Questions regarding warranty service should be directed to 1-800-255-5552.

## LIMITATION OF IMPLIED WARRANTIES

ALL IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, IN ANY WAY CONNECTED WITH THE SALE OR FURNISHING OF GOODS, THEIR DESIGN, SUITABILITY FOR USE, INSTALLATION AND/OR OPERATION SHALL BE LIMITED TO THE DURATION OF THE COVERAGE PERIOD OF THE LIMITED WARRANTY DESCRIBED ABOVE.

**SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.**

## LIMITATION OF LIABILITY

BUYER'S SOLE AND EXCLUSIVE REMEDY AGAINST ANCHOR FOR DEFECTIVE OR NONCONFORMING GOODS IS FOR REPAIR OR REPLACEMENT OF DEFECTIVE PARTS OR, AT THE SOLE DISCRETION OF ANCHOR, FOR AN ALLOWANCE TOWARDS THE PURCHASE OF A REPLACEMENT PRODUCT. THIS EXCLUSIVE REMEDY SHALL NOT FAIL FOR ITS ESSENTIAL PURPOSE SO LONG AS ANCHOR IS WILLING AND ABLE TO REPAIR OR REPLACE DEFECTIVE PARTS OR, IN THE SOLE DISCRETION OF ANCHOR, TO GIVE AN ALLOWANCE TOWARDS A REPLACEMENT PRODUCT IN ACCORDANCE WITH THESE TERMS. BUYER AGREES THAT NO OTHER REMEDY, INCLUDING, BUT NOT LIMITED TO, THE RIGHT TO REJECT OR REVOKE ACCEPTANCE OF GOODS, INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR LOST PROFITS, LOST SALES, LOSS OF PRODUCTION, INJURY TO PERSON, DAMAGE TO PROPERTY, OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL LOSS SHALL BE AVAILABLE TO IT AND ANCHOR SHALL NOT BE LIABLE FOR SUCH INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR LOST PROFITS, LOST SALES, LOSS OF PRODUCTION, PROPERTY DAMAGE, PERSONAL INJURY, OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL LOSS ARISING OUT OF THE USE OF OR THE INABILITY TO USE THE GOODS.

**SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.**

## INTRODUCTION:

Thank you for your recent purchase of an Anchor Industries Inc. quality crafted 5 Star Safety pool cover. With proper installation and care, your pool cover will provide protection for years to come.

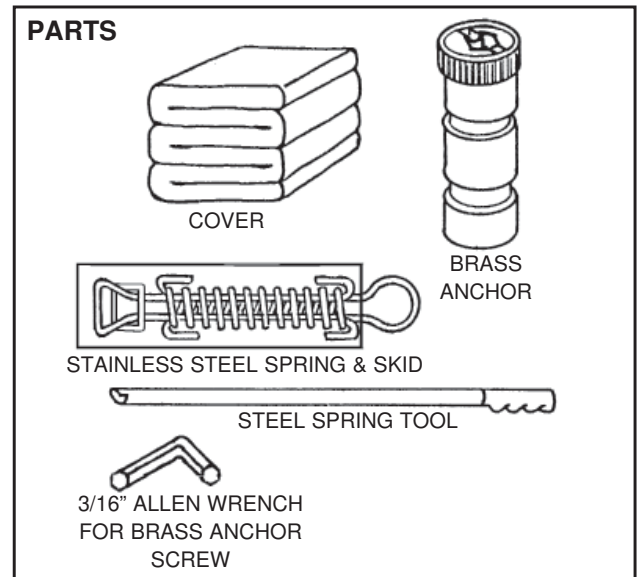
Every precaution has been taken to ensure that the product has arrived at its destination in good shape. Thoroughly inspect the condition of the containers and note any damage to the shipper's representative at the time of delivery.

### TOOLS REQUIRED:

HAMMER DRILL  
3/4" MASONRY BIT  
HAMMER

TAPE MEASURE  
LARGE FLAT HEAD SCREWDRIVER

**NOTE:** Due to the weight of the cover, we suggest making the initial installation with the water at operating level.



### IMPORTANT NOTE:

Installation of pool cover **must** begin at any areas with cut-outs or zero tolerance areas (such as at cable-construction). When there are several areas like this, start at most complicated of these areas. See pages 9 to 11.

### WARNING AVOID DROWNING RISK

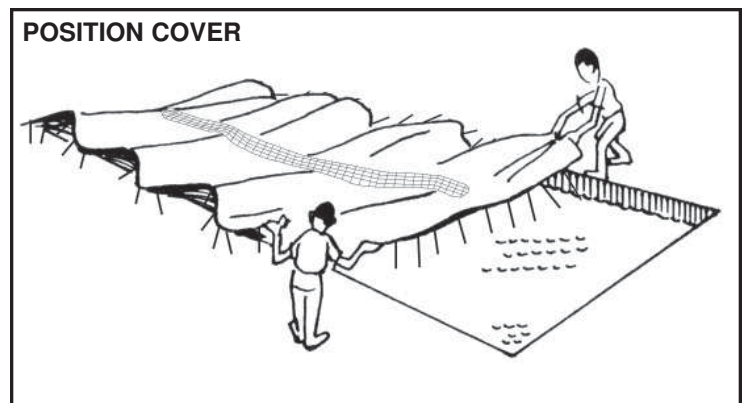
1. Remove cover(s) completely before entering the pool - entrapment possible.
2. Use the pool cover in accordance with manufacturer's instructions.
3. Remove standing water on solid covers - child can drown on top of cover.
4. Pool covers are not play areas - supervise children at all times.
5. Keep all fasteners in good condition - Inspect regularly - repair or replace any fastener showing wear.
6. Do not walk on cover except in emergency, life-saving rescue situation.
7. Visually inspect condition of fabric for sun or chemical over-exposure resulting in discoloration, brittleness of fabric or broken hardware. This is an indication that cover is no longer a safety cover.
8. Non-secured or improperly secured covers are a hazard.
9. Covers should be stored in an environment that prevents sun, chemical exposure, or access by insects and rodents, and protects cover from tearing or physical damage.

**SHOULD WARNING LABEL(S) ON POOL COVER BECOME UNCLEAR, PLEASE CONTACT ANCHOR INDUSTRIES FOR REPLACEMENT(S).**

## 1. POSITION COVER:

Remove the cover (and attaching hardware) from the shipping containers. Use caution when maneuvering the cover around the pool. Pool decks are abrasive and holes will develop if the cover is dragged over concrete or sharp objects.

Position the cover (web side down) over the pool making the overlap consistent around the entire perimeter. Line up cut-outs & cable areas. Be certain the cover aligns properly with these objects first. When all appears satisfactory, proceed by attaching the stainless steel springs to the cover's web ends.





## **ATTACHING SPRINGS**

**STEP A:** Slide spring skids over the standard steel springs to protect the deck. (See “PARTS” on previous page.)

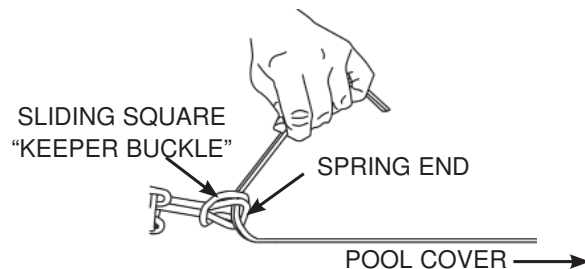
**STEP B:** Feed the web flat up through the spring end and then up through the sliding square “keeper buckle” from the bottom side.

**STEP C:** Loop the web around the “keeper buckle” and back down through the spring end as shown.

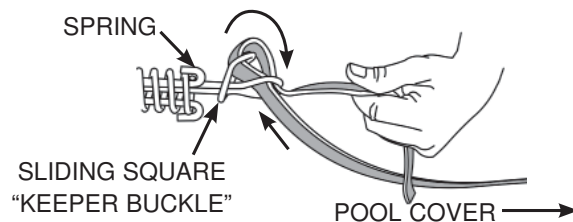
**STEP D:** Bring the end out on top of the web that leads back to the pool cover. Pull the loose end of the web to tighten.

## **ATTACHING SPRINGS**

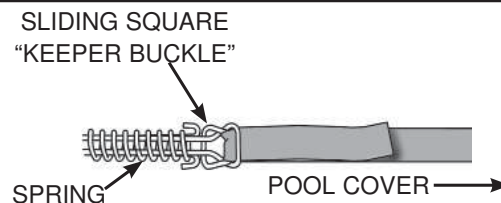
### **STEP B**



### **STEP C**



### **STEP D**



## **2. LOCATE CENTER ANCHORS:**

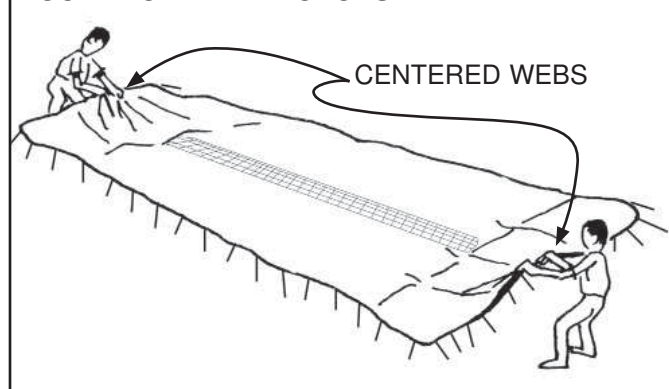
Before setting ANY anchors, check to see if there is a CENTER WEB to be located at the center of the pool's length. Sometimes, diving boards or other obstructions prevent the use of a CENTER WEB at the exact center of the length of the pool cover. In these cases, there are TWO CENTER WEBS that run parallel and on either side of the exact center of the pool's length. Together, they will provide what you need to correctly position the cover so that there is approximately 15" of consistent overlap.

Having located the CENTERED WEBS, you will now begin drilling and setting anchors at opposite ends of the pool, directly in line with the CENTERED WEBS.

**PLEASE NOTE:** This cover is meant to be tensioned and SUSPENDED ABOVE the water level. It is not designed to rest on the water.

Special consideration should be given to covers suspended above the water in geographic areas where snow and ice can build up. It is recommended that the “winterized” pool water be no lower than 15" below the deck itself (just below the skimmers). In the event of excessive snow/ice accumulation, the water will act as a support until such time as the snow/ice has been removed. Cover and/or coping damage can result if the water level is lower than what is recommended above, thus voiding the cover's warranty.

## **LOCATE CENTER ANCHORS**



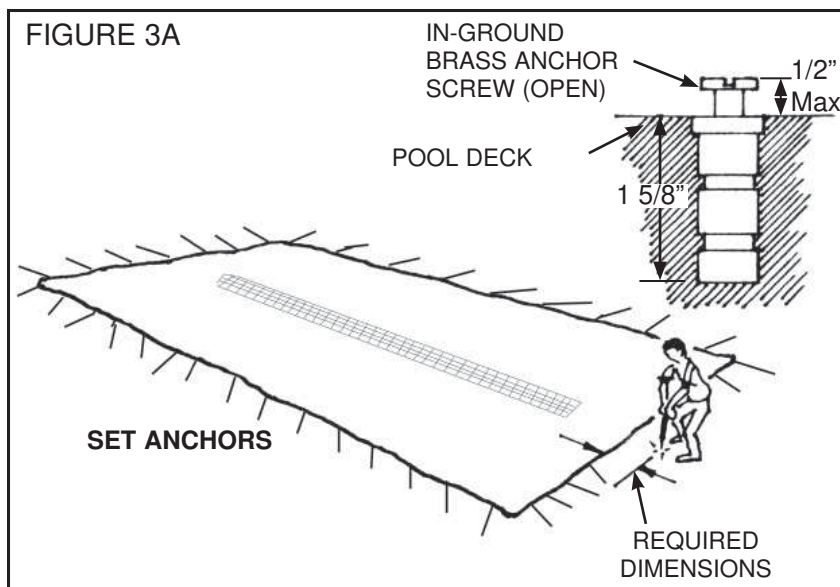
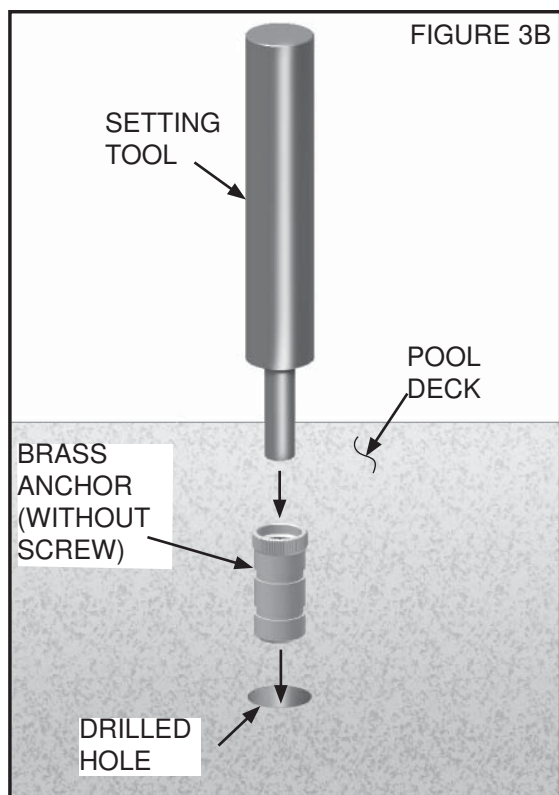
### 3. SET ANCHORS

The anchors are set approximately 14" beyond the edge of the cover in line with the webs.

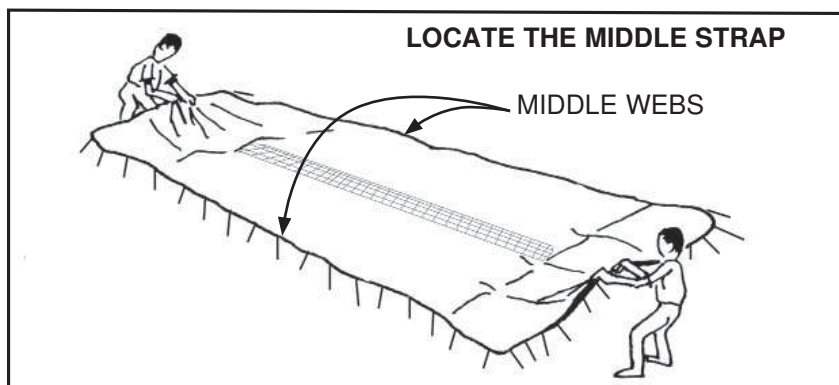
Using a 3/4" Masonry Drill Bit and a Rotary Hammer Drill, drill the hole into the deck NO MORE THAN THE DEPTH of the brass anchor (1 5/8") taking care not to over-ream the diameter of the hole. If this does happen, simply apply some adhesive to the anchor before setting the brass anchor into the hole.

With the screw of the brass anchor removed (using 3/16" allen wrench), use the setting tool and a regular hammer to "tap" in the brass anchor until it is flush with the pool deck. (see Figure 3B) Due to the nature of poured concrete, some chipping is normal. This chipping can be reduced by using a SHARP Masonry Drill Bit and a HIGH SPEED Rotary Hammer Drill.

Once the brass anchor has been correctly positioned and "seated" into the pool deck, replace screw into brass anchor NO MORE THAN 1/2" above level of deck to its OPEN POSITION (see Figure 3A). Slide the round end of the stainless steel spring over the head of the open-positioned brass anchor screw so that it comes to rest just above the threads (or windings) of the insert. "Flattening" of the threads could result if too much of the screw is above deck level.



See direction #5 regarding the use of a spring tool when sliding springs over the brass anchor screws in the "open" position.



Locate the MIDDLE WEB that runs perpendicular to the CENTERED WEB mentioned in directions #2 and #3. Set, fasten and secure these two middle web straps and anchors following directions #2 and #3. At this point, a "cross" should have been formed by the placement of the first four deck anchors.

### 4. LOCATE & SET REMAINING ANCHORS

Working from the middle webs and moving out towards the ends (of each side of the pool), set, fasten and secure the remaining anchors and web straps ONE AT A TIME (alternating sides every other anchor until you reach the corners). DO NOT INSTALL CORNER ANCHORS YET.

When the SIDE anchors and springs have been installed, fastened and secured, follow the same procedure to install the anchors and springs on the SHALLOW AND DEEP ENDS.

To AVOID having a loose perimeter locate anchors at a slight angle toward each end of the pool.

When all 4 sides have had anchors and web straps set, fastened and secured, it is then TIME TO INSTALL CORNER ANCHORS and secure webs and springs. THE STRAP WILL BE AT A 45 DEGREE ANGLE.

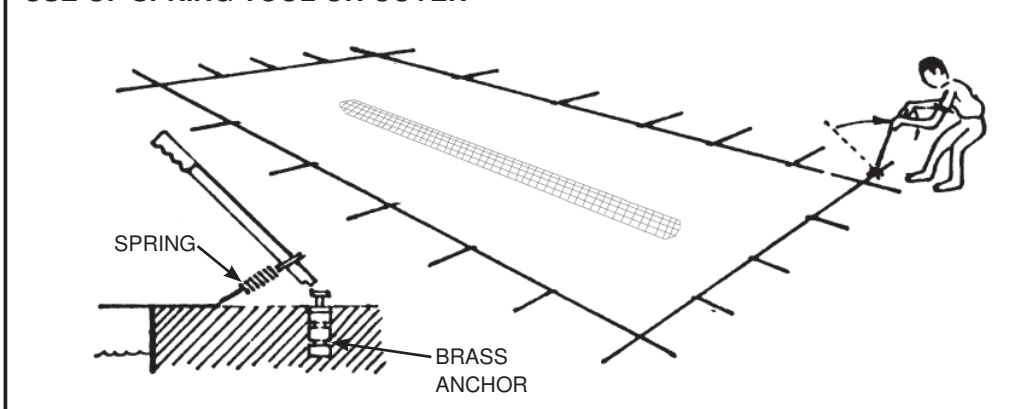
## 5. USE OF SPRING TOOL ON COVER

When installing stainless steel springs over brass anchor screws, screws should be in the open position (See Figure 3a). Care should be taken to place the spring tool over the screw so that the square "tongue" cut-out (located at one end of the spring tool) will not gouge the deck surface.

Simply slide the spring onto the end of the spring tool until it is about 6" up the length of the spring tool. This will allow leveraging of the spring tool onto the brass anchor screw and allow you to "push" the spring down into position with your shoe.

If there is too much tensioning on the web and spring, which does not allow you to slide the spring onto the brass anchor screw, simply loosen the web strap slightly. (Go back to step #4, then to 5-A below.)

### USE OF SPRING TOOL ON COVER



## 5A. ADJUST STRAPS ON COVER

You may re-adjust the overlap around the entire pool by re-adjusting web strap tension where necessary. When the cover is properly installed, you should have 6" to 8" of drop to the center. Springs should not be depressed more than 1" to 1 1/2", or roughly halfway.

## 6. INSPECTION & CLEAN UP

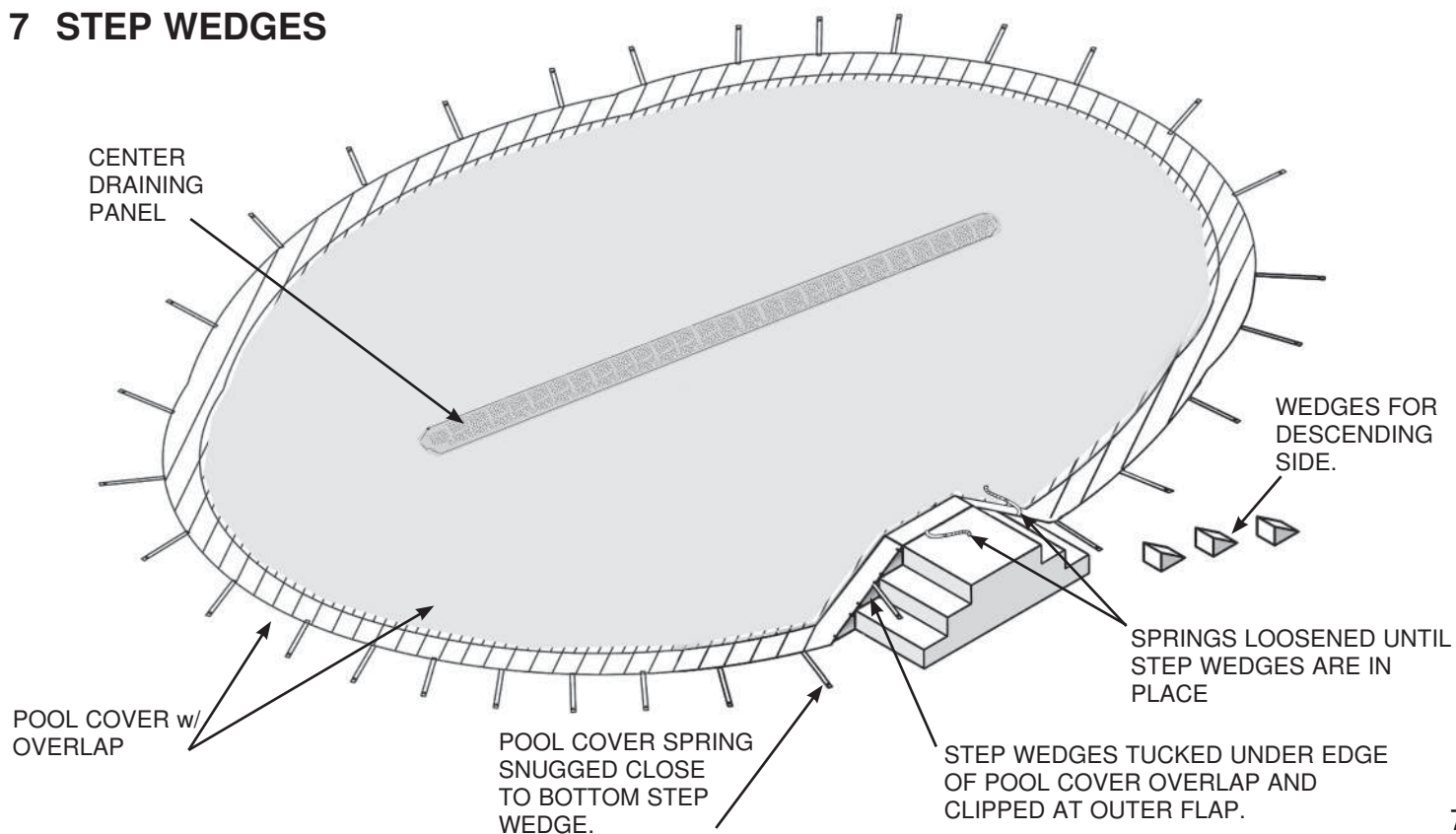
After the cover has been installed, look for any area that may need padding in addition to reinforcement that was attached to the cover during manufacturing. On site padding may consist of carpeting, vinyl liner remnants, etc.

Complete the installation by sweeping up any concrete dust and tucking the straps under the cover and through the web loops.

Leave the warranty card and information packet with the pool owner.

**WARNING:** This cover must be installed with either a factory installed center draining panel (as illustrated), or an automatic pump (not shown). Failure to install either the pump or the drain will result in damage to your deck and pool cover.

## 7 STEP WEDGES



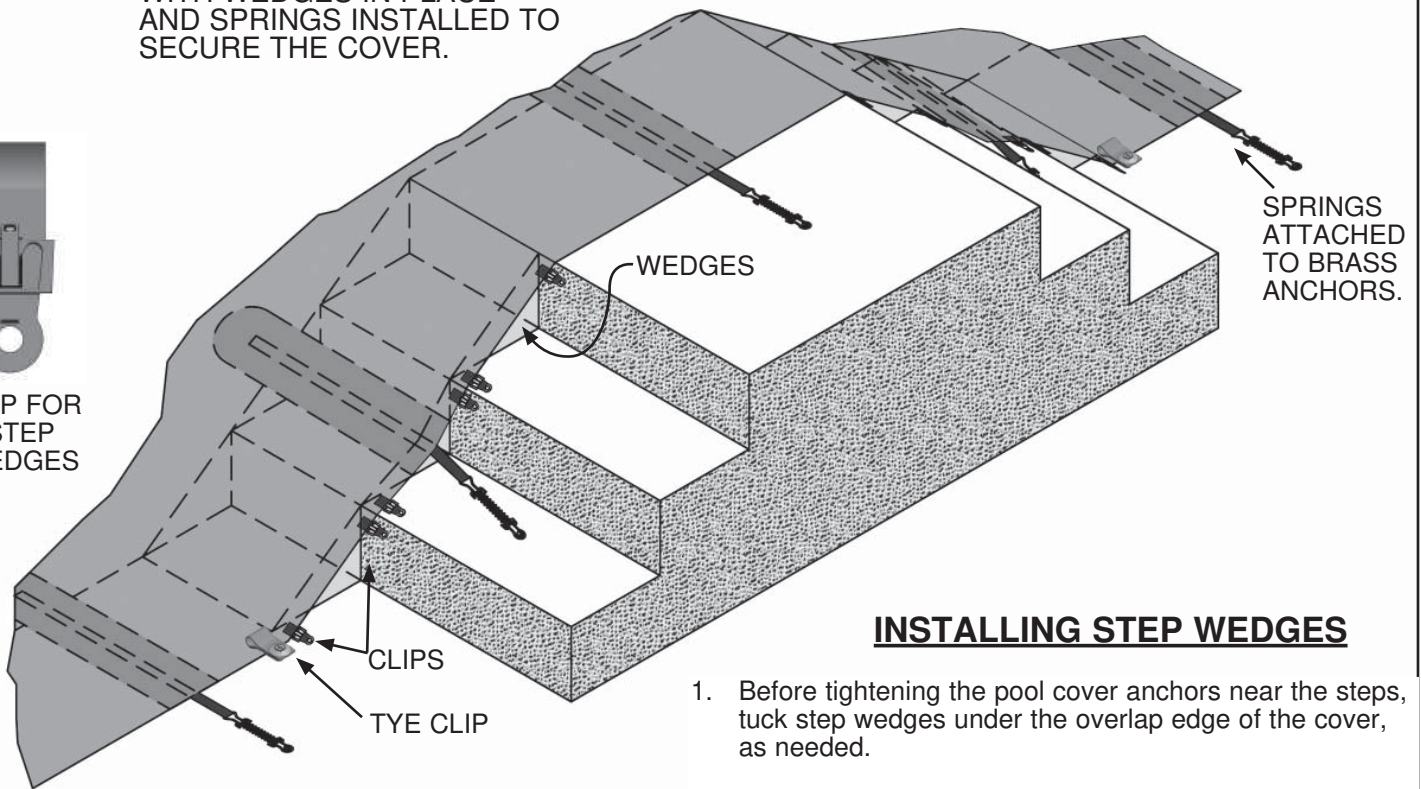


**7B**

COMPLETE STEP COVERING,  
WITH WEDGES IN PLACE  
AND SPRINGS INSTALLED TO  
SECURE THE COVER.



CLIP FOR  
STEP  
WEDGES

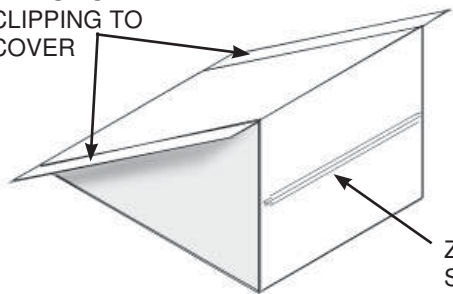


### INSTALLING STEP WEDGES

1. Before tightening the pool cover anchors near the steps, tuck step wedges under the overlap edge of the cover, as needed.
2. Pull the outer edge of the cover to the outside flap of the wedges and clip the flap to edge of the cover using the step wedge clips provided.
3. Install the springs and anchors to tighten the cover.
4. Be sure that the last tie-downs near the top and bottom steps are snugged up close to the wedge to secure it firmly in place.
5. Step Wedges come in standard sizes of 14" and 28" (measured on the horizontal dimension along the step). Custom sized wedges can be made upon request.

**7C**

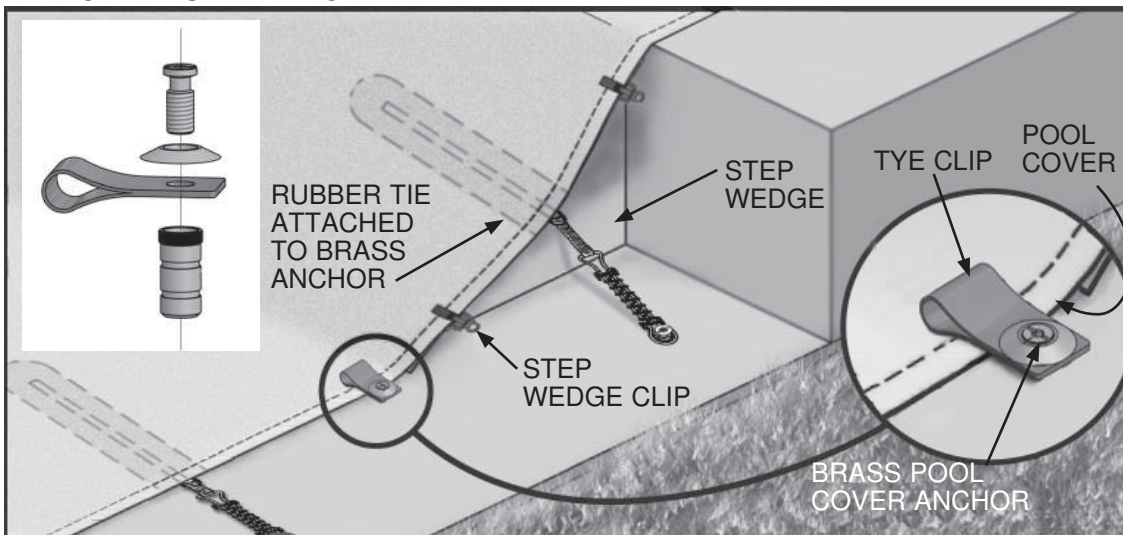
FLAPS FOR  
CLIPPING TO  
COVER



STEP WEDGE

ZIPPER FOR  
STUFFING  
WITH  
DUNNAGE

### **TYE CLIP INSTALLATION**

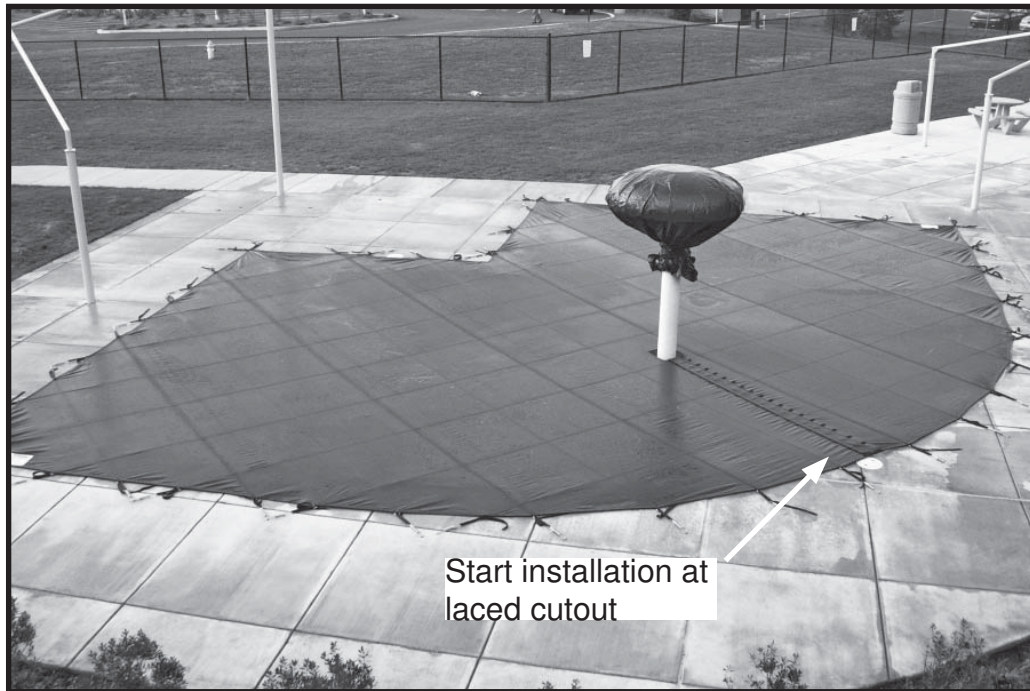


- Determine best placement for Tye Clip Assembly.
- Install Brass Anchor butted up next to edge of pool cover.
- Assemble the Tye Clip as shown in drawing to the left.
- Catch pool cover beneath the black or white Poly Strip. (See drawing to the left)



## **IMPORTANT NOTE:**

Installation of pool cover must begin at any areas with cut-outs or zero tolerance areas (such as at cable-construction). When there are several areas like this, start at most complicated of these areas.



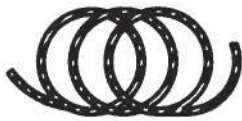
# OPTIONAL CABLE ASSEMBLY INSTALLATION

## IMPORTANT NOTE:

This application is for a standard straight wall installation. A custom shaped cable area's bolt spacing for an inside radius section of a raised wall will require a narrower spacing than a straight wall. Contact your Anchor representative for assistance in defining the requirements.

**INSTALL CABLE HARDWARE AT THE SAME LEVEL AS THE REST OF THE COVER!**

## HARDWARE



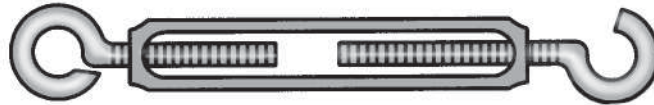
3/16" STAINLESS  
STEEL CABLE



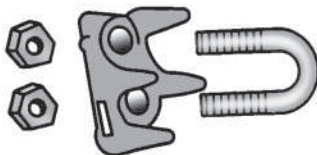
SETTING TOOL



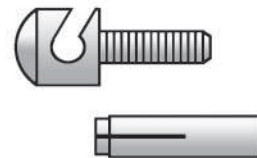
3/8" MACHINE THREADED  
EYEBOLT AND DROP-IN ANCHOR



TURNBUCKLE



CABLE CLAMP



3/8" SLOTTED CABLE ANCHOR  
BOLT AND DROP-IN ANCHOR

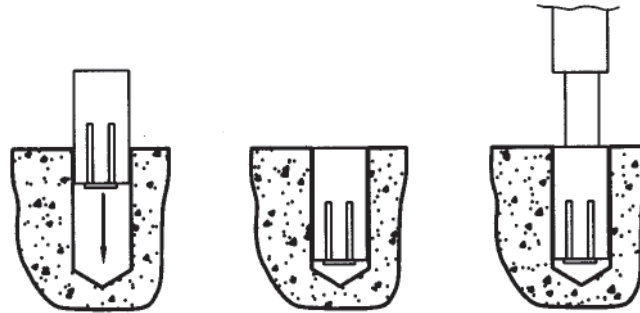
1) Install 3/8" drop-in anchor with 3/8" eyebolt on one end of cable area. Install 3/8" drop in anchors at the opposite end of the cable area and approximately 18" apart for the 3/8" cable anchor bolts. See FIG.11A.

2) When installing the cable anchor bolt to the cable area, align the hole in the anchor bolt in the direction of the cable. See FIG. 11B. Run the cable through the in-line holes. see FIG. 11C. Run one end of the cable through the cable anchor at one end of cable area and loop. Attach (2) cable clamps and tightly secure cable, see FIG. 11B. Run other end of cable through eyebolt on turnbuckle, make loop and attach (1) cable clamp for now. With turnbuckle fully extended out, attach hook end of turnbuckle to the eyebolt at the end of the cable area. Loosen the (1) cable clamp and pull cable as taut as possible. Tighten (1) cable clamp and add second cable clamp now. Be sure all cable clamps are tight to secure the cable. Rotate mid-section of turnbuckle to tighten cable further, see FIG. 11D.

3) Attach the snaps located under pool cover in cable area onto cable. See FIG. 11E.

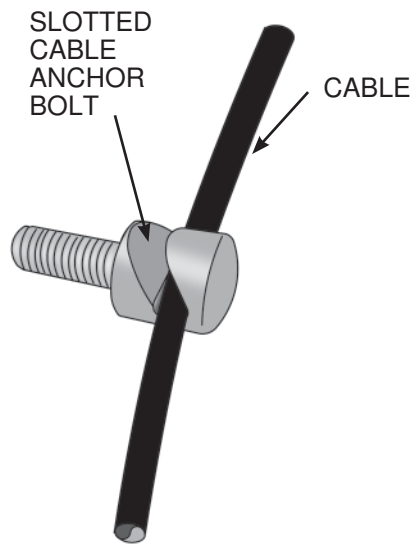
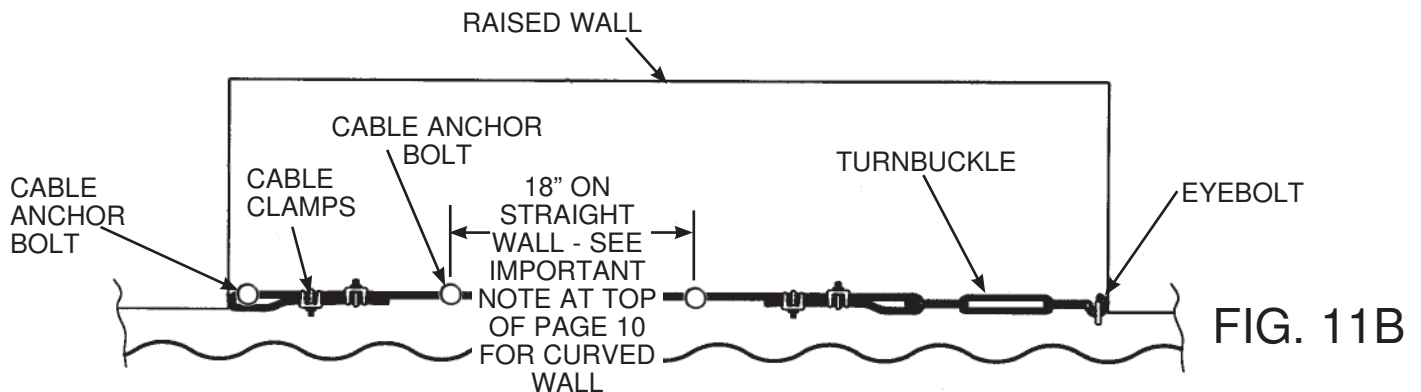
# FIG. 11A

Drilling/Setting of 3/8" Drop-in Anchors



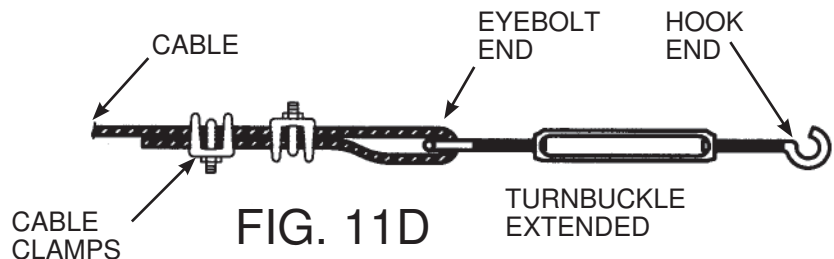
EMBEDMENT  
3/8" Drop-in Anchor  
Drill Diameter - 1/2"  
Minimum Depth - 1 7/8"

1) Drill a hole into base material to the depth of embedment (see information above) required. Do not over drill hole. Blow the hole clean of dust and other material. Insert the drop-in anchor into the hole and tap flush with surface. Using setting tool, set drop-in anchor by driving the tool into the drop-in anchor until the shoulder of the tool is seated against the drop-in anchor.



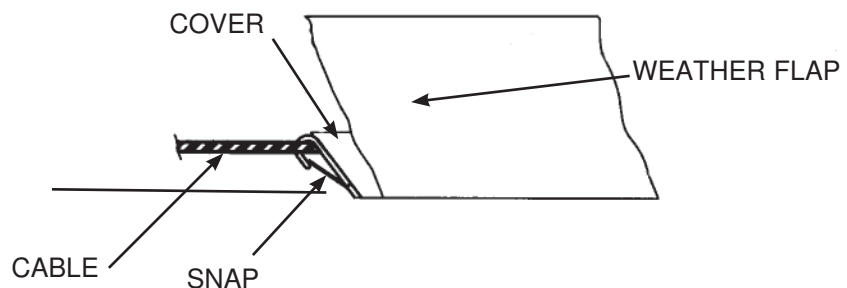
## FIG. 11C

RUNNING CABLE THROUGH  
IN-LINE HOLES ON SLOTTED  
CABLE ANCHOR BOLTS



## FIG. 11D

ATTACH CABLE TO EYEBOLT ON TURNBUCKLE



## FIG. 11E

ATTACHING SNAP TO CABLE

## Pool Cover Storage When Not In Use

Your pool cover is made from tough synthetic materials. Remove or protect all hardware (including springs) as it can cause damage not covered by warranty. Store the cover dry and cleaned off in a cool, dry place. Rodents, ants, and other pests are known to eat pool covers if stored outdoors, on the garage floor or in a place where critters can get to it. Your storage bag serves as a convenient method of keeping the cover contained for storage on shelf, hanging above the floor, or elevated in the pool shed.





Thank you for purchasing an Anchor product. In return, we pledge Quality, Service and Craftsmanship and are available for any questions you may have or assistance you may need.

PHONE NUMBER  
812-867-2421

FAX NUMBER  
812-867-1429

Anchor products are of superior design and operate best within the parameters of these instructions. It is **IMPERATIVE** that the instructions be carefully read and **COMPLETELY FOLLOWED**. Please read installation instructions before the installation or removal of this product. Installation instructions are also available at: **[www.anchorinc.com](http://www.anchorinc.com)**.

### CAUTION

1. Anchor Products are of superior design and operate best within the parameters of these instructions. It is imperative that the instructions be carefully read and completely followed.
2. For each installation, the installer is solely responsible for evaluating the site for the proper securing methods and fasteners to be used. Standard fasteners furnished may be inadequate, site unseen by Anchor, thus requiring additional or alternate method of fastening.
3. Inasmuch as the weather is unpredictable, good judgment and common sense must be incorporated within installation guidelines. Proper safety equipment should be used at all times to insure a safe installation and removal. We suggest a careful evaluation be made to determine safety equipment needed, such as hard hats, steel-toe shoes, safety glasses and other as required.
4. Anchor stands behind its products in accordance with its standard Terms and Conditions of sale. A copy of our Terms and Conditions of Sale can be obtained by contacting Anchor at the telephone number and/or address on this document.



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