

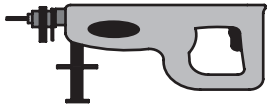


Safety Cover Installation

General Information

Congratulations!! A Garrett safety cover is manufactured to provide years of peace of mind that comes from unbeatable protection for your family and your pool. Proper installation of the safety cover is essential to achieve this high level of pool security. Garrett Covers provides installation kits that make covering even the most unusual pool configuration simple and secure. Be sure to read the instructions in this booklet completely before installing your Garrett Safety Cover, and to keep them available for reference during installation. By following the instructions carefully, we are sure that you will be able to quickly and easily install your cover. At least two people are needed for most installations.

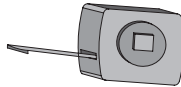
Tools Required for Installation on Normal Concrete Deck



Heavy Duty Hammer Drill with extension cord



3/4" Concrete Drill Bit



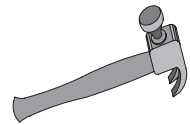
Tape Measure



Spray Lubricant



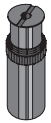
Chalk



Hammer or Mallet

Hardware Supplied with Your Cover

Every Garrett Safety Cover comes supplied with all the hardware you will need for proper installation. Hardware items common to all Garrett Safety Covers are:



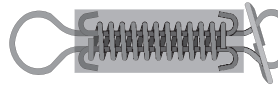
Threaded Brass Anchor



Anchor Tap-in tool



Steel Installation tool



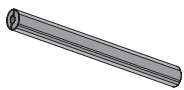
Stainless Steel Springs w/ pvc covers



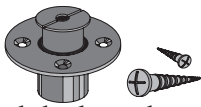
Hex-wrench

Additional Hardware for Special Applications

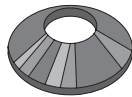
Other hardware that may be supplied with your cover are intended for special installation requirements. These may include some or all of the following:



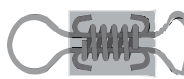
Lawn Tubes



Wood deck anchors with screws



Anchor Flange



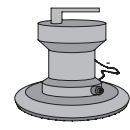
Short springs



Y-Strap



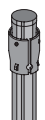
Snap-Hook



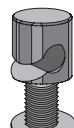
Pump (Optional)



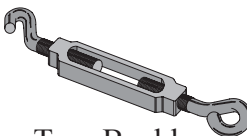
D-Ring



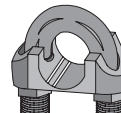
Wall Anchor



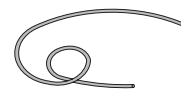
Cable Mate



Turn Buckle



Cable Clamp



Vinyl Clad Cable

Step up gap filler kits

Rules for Safety Cover Use

1. The water level of the pool must be maintained at no more than 18" below the cover during the snow season. This provides support under the cover in case of a heavy snow load. Check the pool water level every month. Failure to maintain the proper water level produces undue strain on the cover and will void the warranty.
2. Standing water on a solid cover must be removed in a timely manner.
3. The cover must be used on the pool for which it was manufactured.

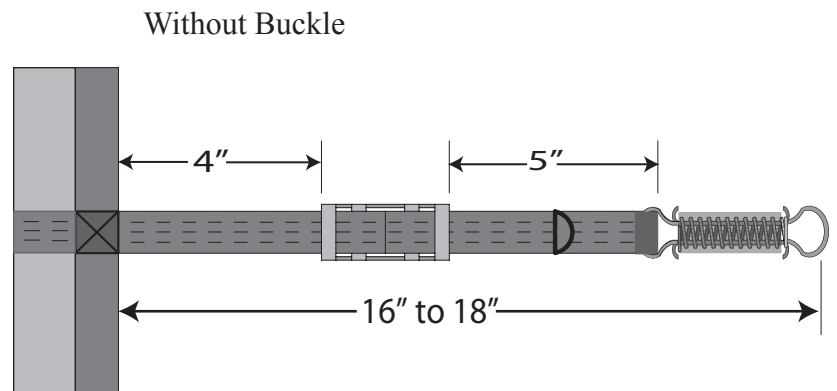
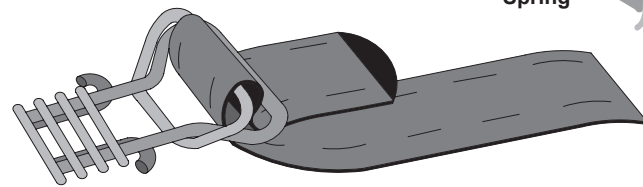
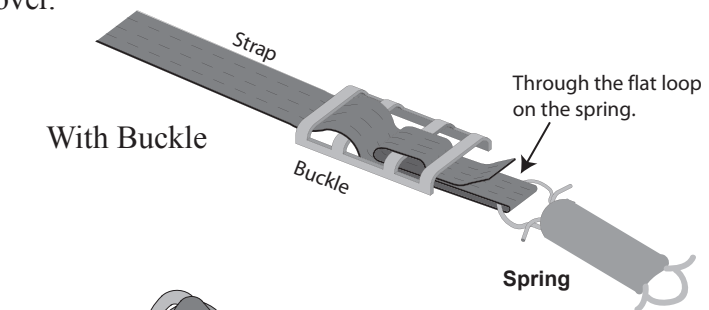
Preparation

1. Place box as indicated on drawing, with the label facing the pool.
2. Pull the cover carefully over the pool. Note: keeping the water level up in the pool helps support the cover during initial installation.
3. Temporarily anchor several straps with weights (5 gallon buckets filled with water or sand work well for this). Important – Placing the weights on the cover material may cause damage to occur. Place weights on the straps only.
4. Adjust the cover so that it overlaps the pool evenly on all sides and corners. Usually, rectangular style covers up to 1200 square feet will overlap the pool by 12". Rectangular style covers over 1200 square feet and freeform shaped pool covers will overlap the pool by approximately 15" to 18". Overlaps may vary slightly. Be sure to check that the overlap is even on all sides of the pool.
5. Attach springs to all straps of the pool cover. Garrett's unique spring design allows you to do this in your choice of two ways: using buckles or using square rings. The illustrations below show proper attachment of spring to strap by both methods. Initially, attach the springs so that the end of the spring is approximately 16" to 18" from the edge of the cover.

6. If the cover you are installing is a solid cover, it is important to keep water from getting on top of it during installation. If the solid cover came with a pump, set the pump up as soon as possible. Refer to the manufacturer's instructions included with the pump for proper installation. **CAUTION:** Garrett strongly recommends that the pump be kept running at all times. Failure to do so will result in voiding the cover warranty.

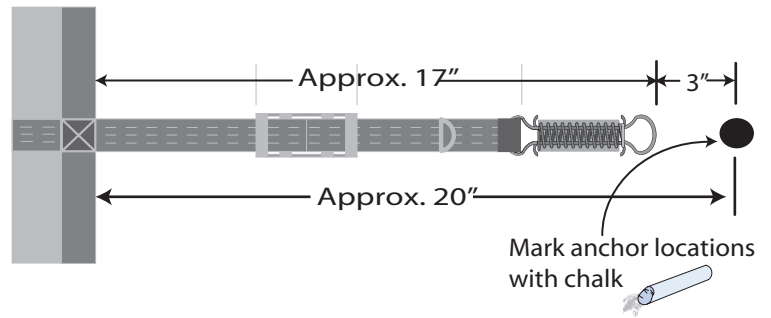
7. If the cover is one that has a raised wall section or an "up-and-over", please refer to the enclosed insert with detailed instructions for such installations. For these covers, you must start your installation in these special areas in order for the cover to fit properly.

8. Be sure that you have put the cover on the pool with the correct side up. The "top" side has the warning label on it, and the "bottom" side has the flexible plastic chaffing strips around the edge of the pool at each strap.



Marking Anchor Locations

Always begin with the center straps along the length and width of the cover. To locate where the hole for the anchor will be installed, pull the strap with spring attached straight out from the cover, keeping it in line with the webbing running across the cover. Do not offset the strap from this, as this can cause wrinkles and create excess stress on the cover that may result in premature failure not covered by warranty. Measure 3" beyond the end of the spring, and mark the spot for drilling (See the drawing at right).



Rectangular Pools

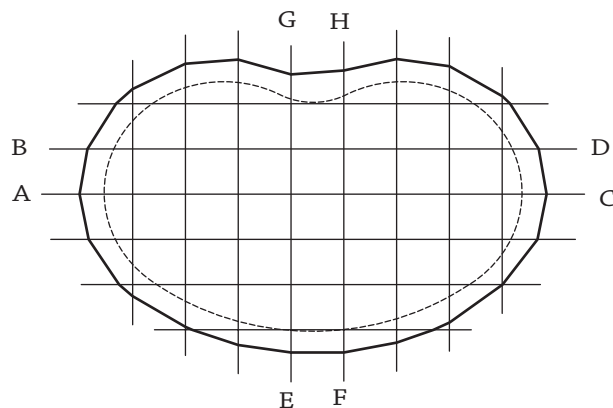
Once the anchor locations of the center straps have been established, snap a chalk line along the width and length so that the anchors will be installed evenly parallel to the cover.

Grecian Pools

For Grecian pools or pools with large radius corners that have angled corners on the cover, it is best to offset the straps coming off the angled corners approximately 1" toward the middle of the cover. This will help keep the cover tight in the corners and prevent wrinkles. Note: Do not offset the anchor locations more than this as this can cause wrinkles, and create excess stress on the cover that may result in premature failure not covered by warranty.

Custom Pools

Locate the two center straps along both the length and width, and mark the locations of these anchors (see drawing below).

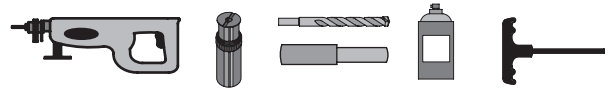
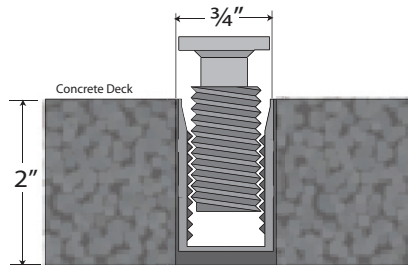


After these center anchors have been installed, and the springs attached and secured to the anchors, mark and install the remaining anchors. Work outward from these center straps, alternating sides and ends, installing each spring onto its anchor as you proceed.

Installing the Anchors

Standard Brass Anchors (for concrete decks)

Using the $\frac{3}{4}$ " drill bit, and wearing safety equipment such as safety glasses or goggles, drill holes approximately 2" deep at the locations marked by chalk. Use a piece of tape to mark the proper depth on the bit. Remove the anchor screw from the anchor body. Spray lubricant on the anchor screw, body, and tap-in tool. Insert the anchor body into the hole and, using the aluminum tap-in tool supplied with the cover, gently tap it into place until it is flush with the top of the hole. Reinsert the anchor screw into the body and screw it down using the hex wrench provided. If the cover is already stretched out over the pool, leave the anchor screw partially raised, with the rounded shank (but not the threads) exposed. This will allow the springs to be attached to the cover. Always screw the anchors down flush with the deck when the cover is removed and never drag the cover over raised anchor heads. Do not install anchors too close to the edge of the desk, as this might allow the anchor to break through the edge.

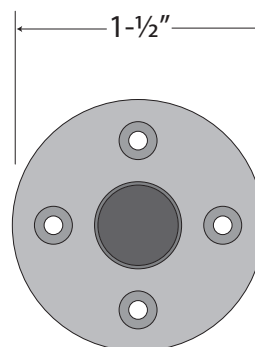
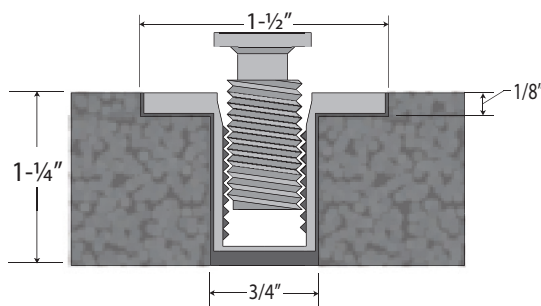
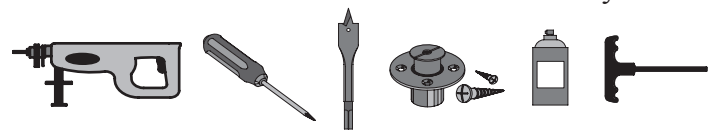


Wood Deck Anchors

(Optional at extra cost)

Additional tools needed: 1 1/2" diameter wood paddle bit, and phillips head screwdriver.

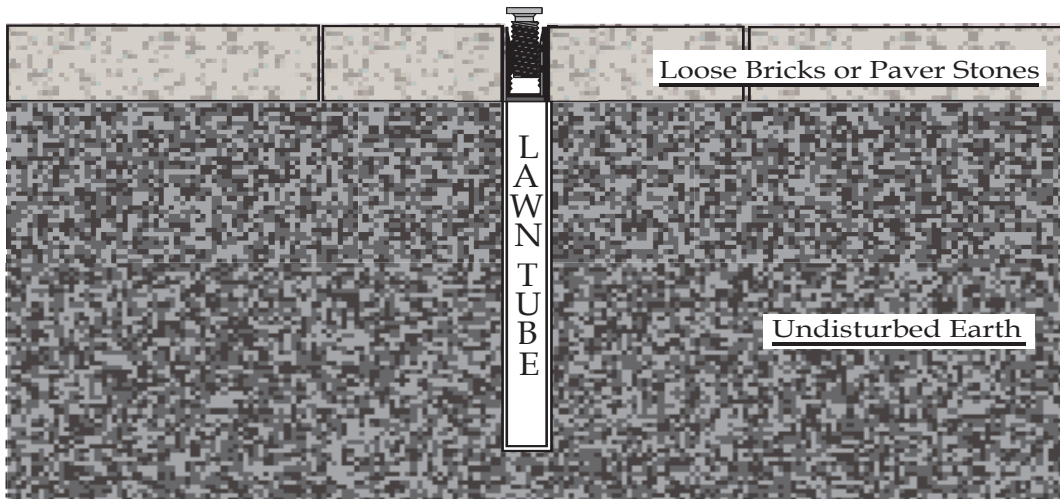
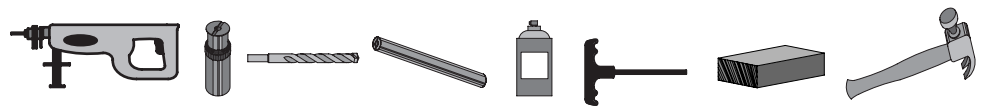
Install wood deck anchors by first drilling a 1 1/2" diameter hole 1/8" deep with a wood paddle bit. Drill a 3/4" diameter hole in the center of this hole to a minimum depth of 1 1/4". Insert the anchor into the hole, making sure that the top is flush with the deck. Secure the anchor lip with the brass screws provided. Remove the anchor screw from the anchor body and coat both with spray lubricant. Reinsert the anchor screw into the body with the hex wrench provided.



Loose Brick, Paver Stones, Stone, or Lawn (optional at extra cost)

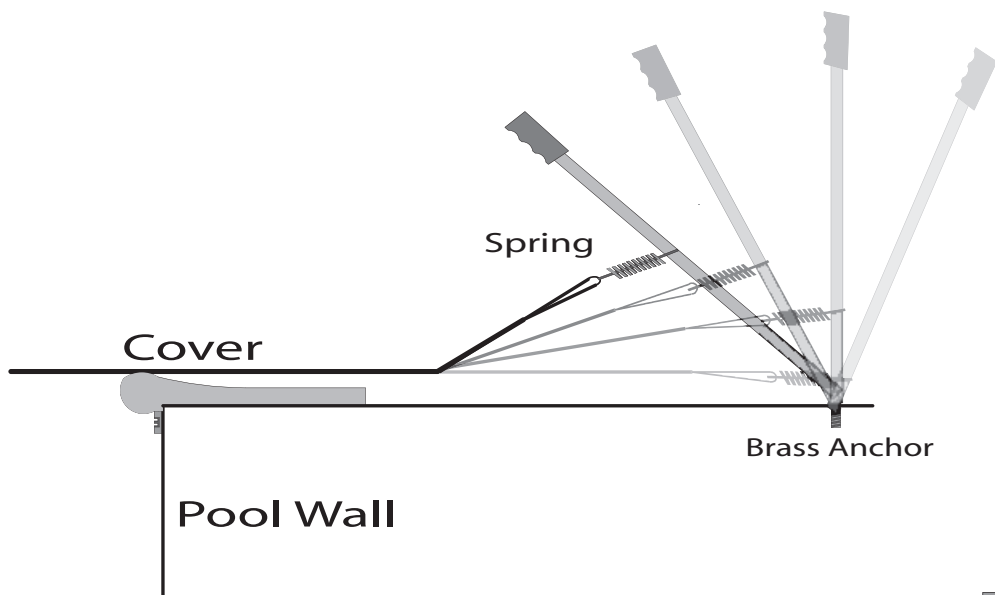
Additional tools required: 1" concrete drill bit; wood block.

Since certain deck materials, like loose brick or pavers, or stone or lawn, do not provide enough support for standard brass anchors, Garrett provides aluminum tubes with anchors to enable a secure installation of the cover. Drill a 1" diameter hole in the loose brick or pavers 15" down to provide a snug fit for the anchor tube. Remove the anchor screw from the anchor before driving the tube into the ground. Drive the anchor tube through the deck surface into the underlying earth until the top of the tube is flush with the surface of the deck. So as not to damage the end of the tube, place a wood block over the end to drive the tube into the ground. Spray lubricant on the anchor screw and body. Reinsert the anchor screw into the body with the hex wrench provided. Caution - Be sure not to contact any underground electrical lines or water pipes.

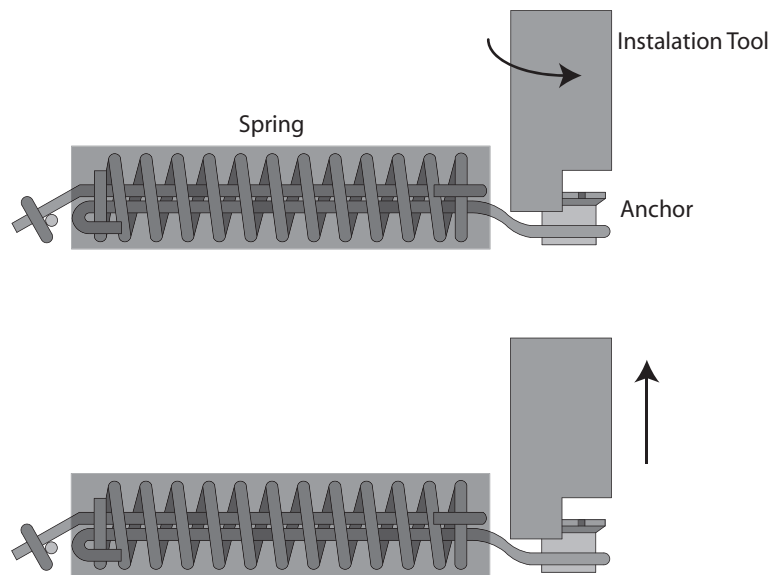


Installing the Cover

Note: The straps should be installed and tightened on the springs so that, when the cover is installed, all springs are compressed between 50% and 70%. Stretching of the cover may occur after installation, so the straps will have to be adjusted while the cover is on the pool so that the springs remain at the 50% to 70% compression. Begin the installation of the cover with the center straps located in the previous section. Place the installation tool through the round end of the spring, sliding the spring up until it is located about midway on the tool. Place the long side of the installation tool behind the anchor. The installation tool should be tilted toward the pool wall. Keeping the tool securely behind the anchor, pull the handle away from the pool wall until it is slightly past vertical. Using your foot, slide the spring down the installation tool until it is at the bottom. Turn the installation tool until the notch at the bottom is facing away from the pool. This will release the end of the spring onto the anchor. Lift the installation tool up and away.

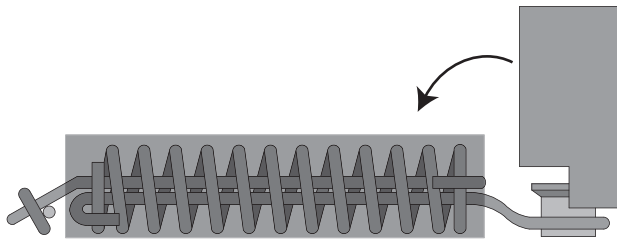
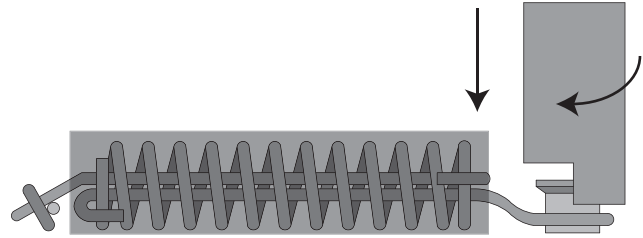


After all springs have been installed, re-inspect them to ensure that each is compressed between 50% and 70% of total. Remove the spring from the anchor and adjust any straps on springs that are not properly compressed. Next, inspect the cover looking for any places that are hanging lower than the rest of the cover. Adjust the straps and springs around those areas until the entire surface of the cover is uniformly taut. (Note: this is especially important for the installation of solid covers, as this will prevent puddling in areas that are not serviced by either a drain strip or an automatic cover pump. You can test this by spraying the cover with a garden hose to make sure that the water goes to the drain strip or automatic cover pump.)



Uninstalling the Cover

To release the springs from the anchor pop-ups, insert the installation tool over the anchor in the round part of the spring, with the notch facing away from the pool wall. While maintaining downward pressure on the installation tool, rotate the tool one-half turn, until the spring is against the outside of the tube. Tilt the installation tool toward the pool until the spring slides up and away from the anchor. Pull the installation tool out of the anchor, and proceed to the next anchor. After releasing the springs on one side of the cover, the springs on the other side can be easily removed.



After all the springs have been released, use the hex wrench provided and screw all the anchors down until they are fully seated. It is recommended that this be done before the cover is removed to prevent any possibility of the cover snagging on the pop-ups.

Inspect the cover for any damage so that it can be repaired in a timely manner.

Remove the cover from the pool, hose it off if needed, and allow it to dry before folding and storing. Fan-folding the cover for storage will make installation easier the next time. Fold the cover and store it in the mesh storage bag provided. Store the cover in a cool dry location, away from pests. Garrett recommends that the cover be hung off the floor.