

# Deck-Loc by Loop-Loc Installation Guide

The Deck-Loc by Loop-Loc system has been designed to be installed on composite deck systems utilizing hidden fasteners and maintaining a minimum deck board spacing of 1/8". Deck-Loc is not recommended for real wood decking applications.

## GENERAL INSTRUCTIONS

**Step 1:** Refer to Anchor Plan provided with cover. Cover must be laid out according to the plan to ensure proper installation.

**IMPORTANT:** DO NOT DRAG COVER

**Step 2:** Suspend a rope grid across the pool as shown in figure 1. Rope must be tight enough to support the cover while you install it.

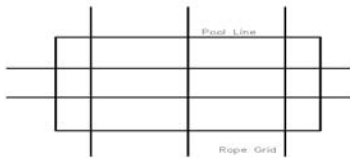
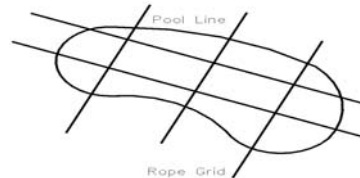


Figure 1



**Step 3:** Stretch cover across pool, align to raised obstructions and/or cutouts and adjust for equal overlap on all sides. Overlap may vary 2" - 4" from approximate overlap given depending on cover size and shape. **Please note overlap on commercial covers may vary 6" or more.**

**Step 4:** Locate anchor positions on Anchor Plan for straps numbered 1-8 (see figure 2). Measure and mark anchor positions on deck 20" from edge of cover (22" for commercial covers). **NOTE:** Rectangle corners should be installed last.

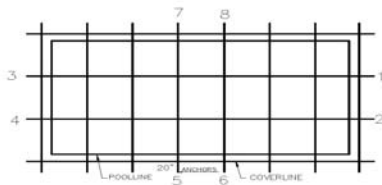
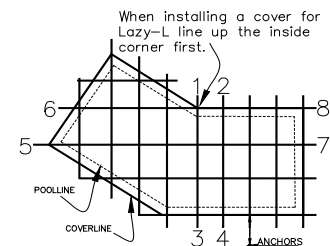
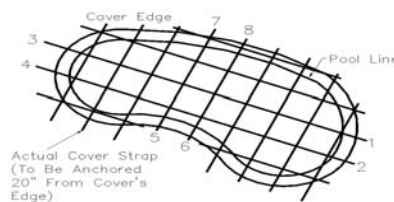


Figure 2



**Step 5:** Install the Deck-Loc Anchor by placing (2) "U-Locs" through the oblong holes and into the spaces between the deck boards (see Fig. 3A)

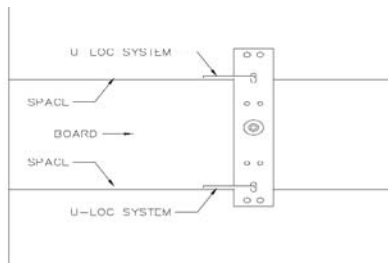


Figure 3A

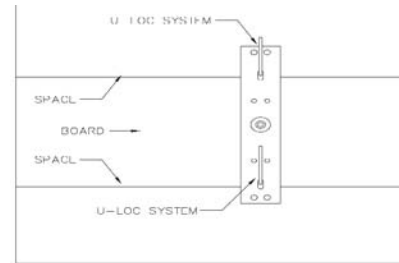


Figure 3B

**Note:** Whenever possible, rotate the U-Loc so that the legs point towards the pool.

Using pliers, rotate the "U-Loc" 90 degrees so that it is positioned under the deckboard and between the 2 raised bumps of the Deck-Loc anchor (see fig. 3B). Attach springs to staps of anchor points #1 through #8 (see fig. 4 pg. 2). Install springs to anchor points #1 through #8 in number order (see fig. 5 & 6 pg. 2). To ensure proper fit, follow spring compression guidelines on pg. 2.

## Step 6:

With first 8 anchors secured, locate and install remaining anchors in an alternating pattern, working from the middle of the cover to the ends. Secure each spring as individual anchors are installed.

## Step 7:

When all anchors and springs are installed conduct a final check. Adjust all springs so that tension is equal on all parts of the cover and the cover lies flat on deck, with no bunches or creases.

## IMPORTANT:

Required water levels listed below **MUST** be maintained:

Loop-Loc MESH Safety Cover	15-18" below top of pool
Loop-Loc SOLID Safety Cover	12-16" below top of pool

**WATER LEVEL:** In snow areas, water level must be maintained high enough to support the cover and prevent excess wear. Emphasize to customers that they must not allow the water level to fall below the above recommendations throughout the winter, or **their warranty will be void.**



# Spring Installation

## Attaching Springs To Straps

Lace straps around the squared-off end of springs using the method pictured in Figure 4. This allows for easy adjustment of straps, thus ensuring proper compression of springs.

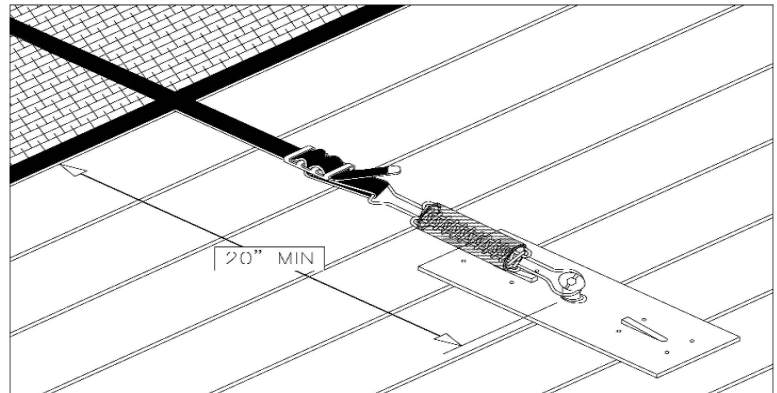


Figure 4

## Installing Springs On Anchors

**Note:** Always use the provided Nylon Installation Tool to prevent scratching / staining of the Deck-Loc Anchor.

### Step 1:

Insert Installation Rod through retaining ring on end of spring (see Figure 5).

### Step 2:

Place heel of rod behind anchor bolt. Pull rod handle away from cover edge, until retaining ring on spring slides over anchor bolt (see Figure 6).

### Step 3:

Rotate rod until heel is free from anchor bolt. Cover is now secured to anchor.

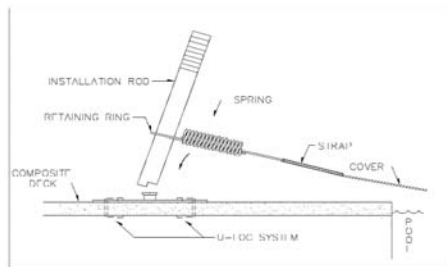


Figure 5

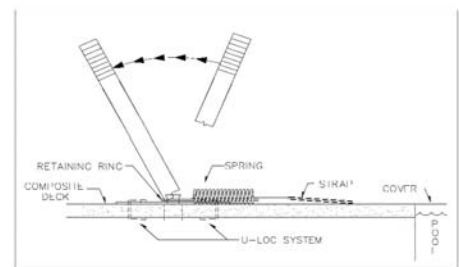


Figure 6

### BEFORE LEAVING INSTALLATION SITE:

Proper spring compression is crucial for a correct fit in all installations. Spring tension adjustment is accomplished by shortening the strap length between the frame of the cover and the spring assembly via the stainless steel buckle. The spring must be removed from the anchor in order to do so. Please adhere to the following compression instructions:

**LOOP-LOC Super Dense & Aqua-Xtreme Mesh Safety Swimming Pool Covers (In-Ground):** New mesh covers tend to shrink in their cartons. By compressing springs almost totally (at least 85-90%) during the initial installation, you will ensure that the cover will stretch back to its normal size. It is also recommended that the springs be retightened 2 to 3 weeks after initial installation to ensure that they remain approximately 70-75% compressed at all times. Initial compression of 85-90% results in a coil length of 2 1/4" and maintained compression of 70-75% results in a coil length of 2 1/2". The water level in your In-Ground pool should be maintained between 15" to 18" below coping level and 14" below coping level for On-Ground pools.

**ULTRA-LOC SOLID Swimming Pool Covers (In-Ground):** Due to the very minimal stretch of Ultra-Loc material, initial spring compression for our Ultra-Loc covers should be set to approximately 60%. 60% compression results in a coil length of 2 3/4". Tension adjustments may be necessary to promote proper drainage. When equipped with drain panels, spring tension adjustments may be necessary to promote proper drainage. Before leaving jobsite, run a garden hose over the entire cover for at least 5 minutes, simulating a heavy rainfall. If water accumulates, adjust the springs tension until the water drains completely. To maintain safety, any standing water must be pumped off immediately and water levels should be maintained between 12" - 16" below coping level for In-Ground pools and 12" - 14" below coping level for On-Ground pools. An approved automatic cover pump is available from Loop-Loc.

Only when the above steps are followed, has a correct and complete installation occurred!

## Removing Springs From Anchors

### Step 1:

Insert Installation Rod over anchor bolt with heel of rod facing cover (see Figure 7).

### Step 2:

Pressing downward, rotate rod 180 degrees so that heel of rod is between anchor bolt and retaining ring (see Figure 8).

### Step 3:

Tilt rod slightly toward cover until retaining ring slides off anchor bolt. Cover is now released from anchor.

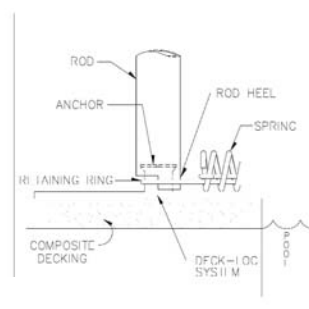


Figure 7

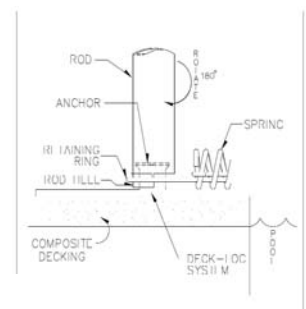


Figure 8