

# Silicone Kit Installation Instructions

## (for above-ground pools)

### IMPORTANT SAFETY INSTRUCTIONS

### *READ AND FOLLOW ALL INSTRUCTIONS*

### SAVE THESE INSTRUCTIONS

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#### **WARNING**

Before installing this product, read and follow all warning notices and instructions accompanying this system. Failure to follow safety warnings and instructions can result in severe injury, death, and property damage. Call (800) 831-7133 for additional free copies of these instructions.

#### **WARNING**

**THIS IS NOT A TOY.** Do not hang on top rail adapter assembly or twist excessively as damage to assembly may occur. Sharp glass or plastic pieces from damaged light adapter cup can create a hazard which could result in serious injury to pool users, and may also cause property damage. Do not pull or hang onto perimeter cable. Loose cable can cause a choking or entrapment hazard which could result in death or serious injury to pool users.

#### **SECTION I. BEFORE YOU BEGIN**

##### A. Tools required to complete the job:

1. Silicone gun
2. Plastic clothespins or tape

***Two people*** are required to complete this installation.

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## SECTION II. INSTALLATION

- A. Install above ground light or bulb body upgrade per instructions provided with above ground light.
- B. For ease of installation, drain pool until water level is just above the bottom of the skimmer port.
- C. Clean backside of top rail inner wall with mild cleaner/soap such as Formula 409® or Fantastik®.  
Rinse with water. Dry thoroughly.
- D. Installing the top rail adapter.
1. Select the location for the top rail adapter. Place the top rail adapter to either side of the vertical center line of the light, allowing the adapter lens to be easily positioned directly in front of the center of the above ground light lens; see Figure 1.
  2. Lay the cable out around the edge of the pool with the adapter assembly close to the proper position. Arrange cable so that the grooved side of the cable tail will mate with the backside of the top rail inner wall.
  3. Seal the cable port (where cables enter segmented hose) on the top rail adapter with silicone sealant; see Figure 2.
  4. Place top rail adapter onto the top rail and lock into place with retaining wedges, as shown in Figure 2. The front of the adapter should be flush with the top rail and far enough up onto the rail to be firmly secure. It may be necessary to help hold the top rail in place with tape temporarily.
  5. Fill top rail adapter with silicone via ports on bottom of the adapter until silicone begins to ooze out sides of adapter.
- E. Installing the cable.
1. Starting from either side of the top rail adapter lay 4 to 10 ft. of the cable out on the top rail with the grooved side facing up.
  2. Apply an 1/8" bead of silicone to the middle of the tail. Have your assistant help keep the cable straight and flat.
  3. Place cable on bottom of edge as shown in Figure 3. Apply pressure to the backside of the tail so that the silicone is evenly distributed on the rail edge. **DO NOT** stretch cable during installation.
  4. Use clothespins or tape (clothes pins work the best) to secure cable in position where necessary; entering and exiting corners, where silicone stops and starts, by top rail adapter, or anywhere the cable begins to sag. Secure the cable at least once every 4 ft.
  5. Wipe off excess silicone off front of cable if necessary.
  6. Continue this process until you are half way around the pool or at the end of the cable (40 ft. model only).

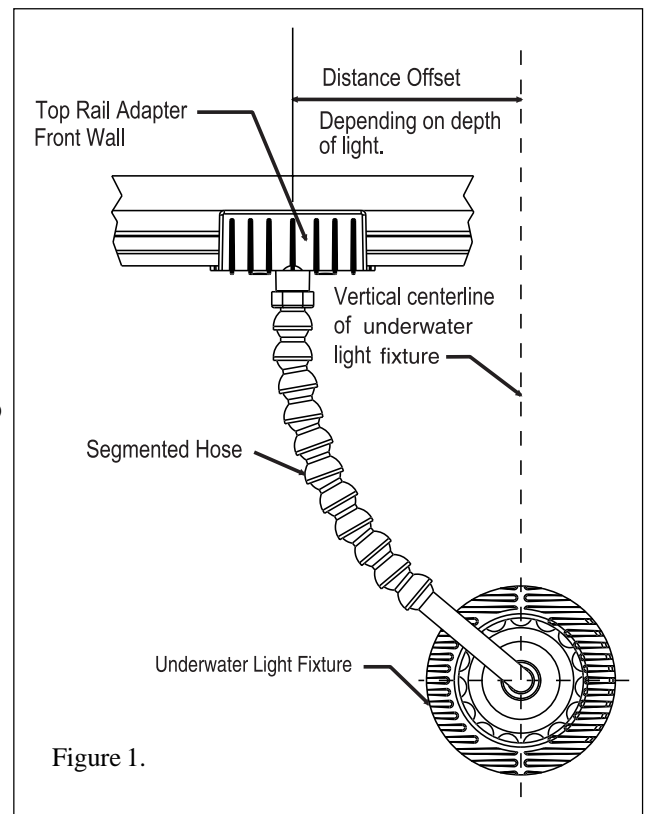


Figure 1.

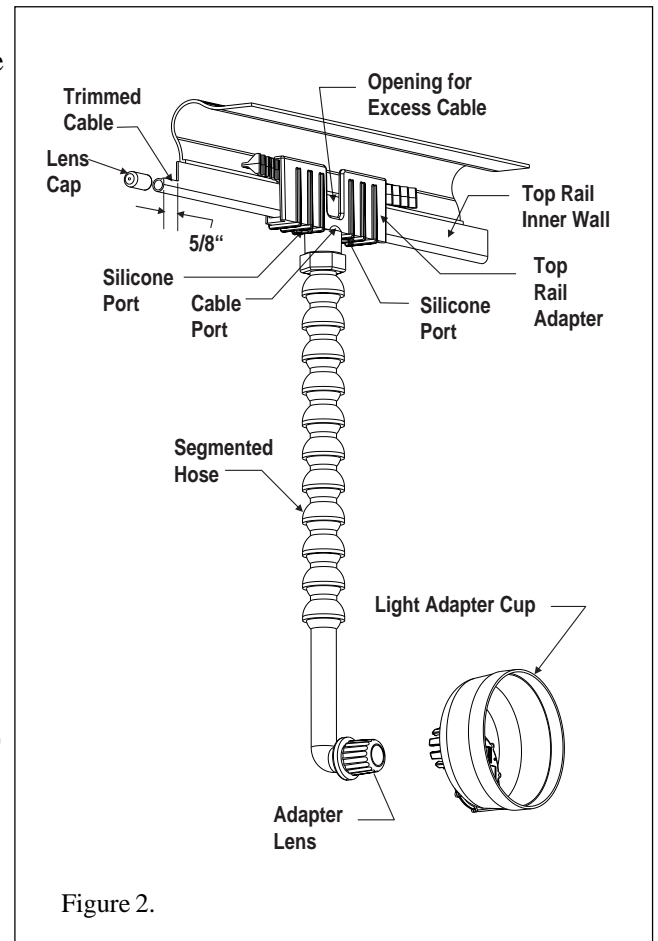
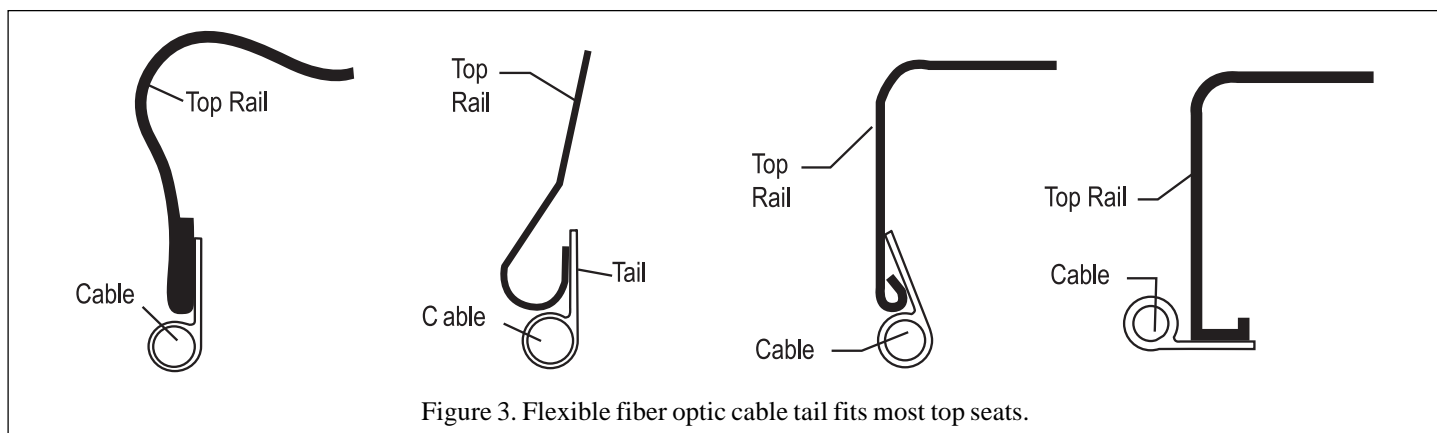
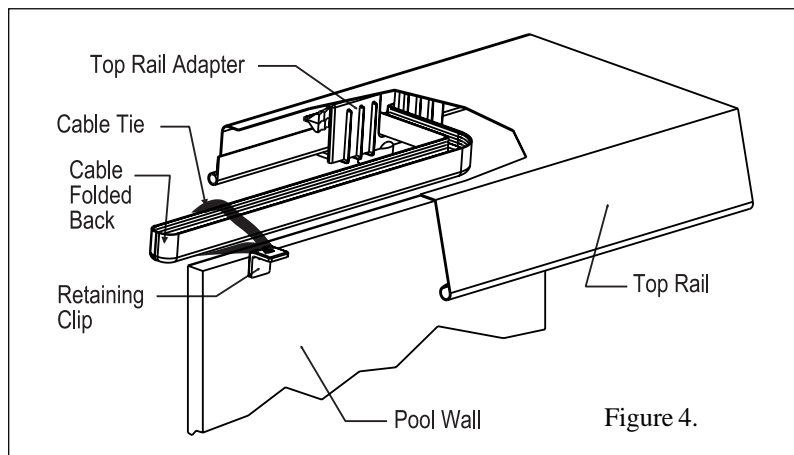


Figure 2.



F. Securing excess cable (for 80, 90, and 100 ft. models only).

1. Position extra top rail adapter so that extra cable is coming out opening in back of adapter. See Figure 2.
2. Place top rail adapter onto top rail and lock into place with retaining wedges as shown in Figure 2. The front of the adapter should be flush with the top rail and far enough up onto the rail to be firmly secure. It may be necessary to help hold the top rail in place with tape temporarily.



3. Fill the top rail adapter with silicone via ports on bottom of the adapter until the silicone begins to ooze out the sides of the adapter.
4. Use cable retaining clips and cable ties to hide the extra cable underneath the top rail as shown in Figure 4. Fold the cable back in 2 to 3 foot sections and secure with clip/cable tie assemblies.

G. Allow at least 24 hours for silicone to fully cure before removing clothes pins/tape and using system.

### SECTION III. OPERATION

#### **⚠ WARNING!**

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#### **⚠ WARNING!**

Operating the FiberLuminator/AquaNeon perimeter lighting system does reduce the amount of light in the pool. Additional light sources may be required to provide adequate lighting of your pool for nighttime use. Failure to provide adequate lighting can result in swimming and diving hazards that can cause severe injury or death.

- A. To enjoy perimeter lighting, position the light adapter cup in front of the above-ground light by bending the segmented hose until the cup is in position. The edge of the cup will fit into the groove between the light lens and flow director. The tension of the segmented hose will hold the cup in place. **DO NOT** excessively twist segmented hose or position adapter cup by pulling on the cup itself.
- B. Select a color by rotating the color wheel on the light adapter cup until the desired color appears and the wheel clicks into position.
- C. To turn off perimeter lighting, simply slip the cup back out of the light and bend the assembly out of the light path. Position the adapter assembly in an inconspicuous location such as under the top rail, against the pool wall, so that the assembly will not get damaged. Remember to move the assembly by bending the segmented hose only.

## LIMITED WARRANTY

PacFab products are warranted to be free of defects in material and workmanship. Should any products or parts OTHER THAN O-rings, cartridge elements, DE grids, external valves, pressure gauges, pump seals and light bulbs become defective within one year from date of purchase they will be replaced or repaired if the defect is proved to be the responsibility of PacFab, Incorporated.

This warranty does not cover stainless steel tank and lighting fixture failures due to chemical corrosion, caused by failure to maintain the water chemistry in conformity with the standards of the swimming pool industry or stray electrical current due to inadequate grounding. No warranty will be allowed if an electric chlorinator having manual control for chlorine levels is installed with any stainless steel filters.

The foregoing warranty does not apply to components manufactured by others; for such products, the warranty established by the respective manufacturers will apply.

Warranty begins on the date of installation. PacFab, Inc. will not be liable for cost of labor of removing or installing its products. This warranty extends to the consumer who made the original retail purchase only and is not enforceable by any other party. Purchaser agrees to prepay all shipping charges to PacFab, Inc.

This warranty does not cover failure in service by improper installation, improper operation, improper environment, fire, wreckage, freezing, willful abuse, improper repackaging or damage incurred in shipping, nor does it extend to consequential damages. This warranty gives you specific legal rights. You may have other rights provided by the law of your state.

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