

99-55-4376000
INSTRUCTIONS

PREMIUM ALUMINUM REEL SYSTEM FOR ABOVE GROUND POOLS



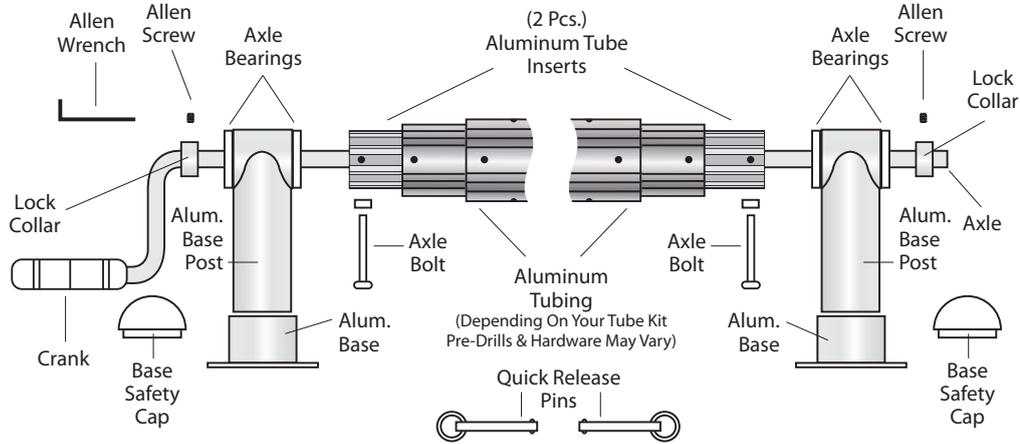
REGISTER WARRANTY ONLINE AT WWW.GLIPOOLPRODUCTS.COM.
PLEASE REGISTER WITHIN 10 DAYS OF PURCHASE.
IF YOU WISH TO MAKE A CLAIM, CALL TOLL FREE 1-800-448-2343.
FOR REPLACEMENT PARTS FOR YOUR REEL SYSTEM PLEASE VISIT, WWW.GLIPROMOTIONS.COM.



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INSTALLATION INSTRUCTIONS

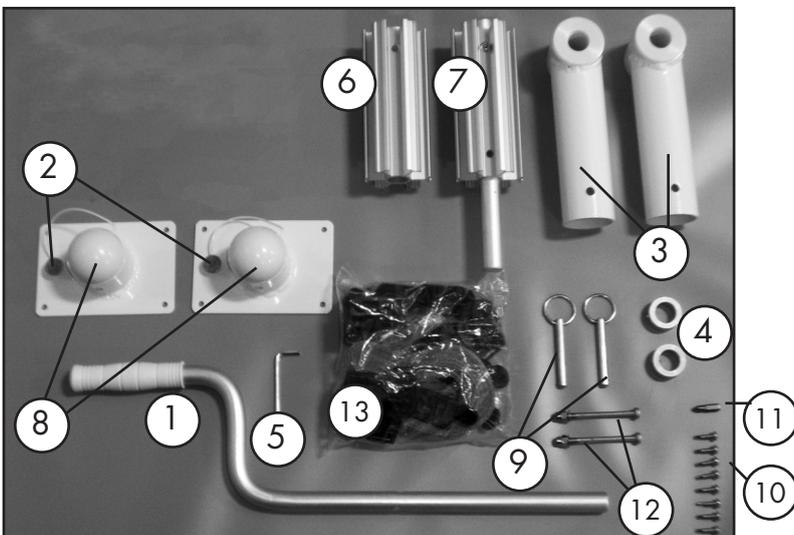
1. **CONGRATULATIONS** on your purchase of our PREMIUM ALUMINUM Solar Reel System for Above Ground Pools. Please follow the instructions carefully so as to not void warranty.
2. Please use your solar blanket and reel assembly in the manner it was intended for:
 - a. Your solar blanket is not a safety cover
 - b. Remove the solar blanket and Solar Reel assembly from the pool completely before swimming use.
 - c. Do not store the solar blanket on the ground in direct sunlight, as it will burn the lawn
3. Preparation & Assembly: Check inventory of all items and assemble as illustrated below:



PARTS BREAKDOWN			
PART NUMBER	DESCRIPTION	QUANTITY	
1	99-55-4375007	Crank Handle	1
2	99-55-4375009	Aluminum Base	2
3	99-55-4375010	Aluminum base post with pre-installed bearing	2
4	99-55-4395009	Locking collar with allen screw	2
5	99-55-4395010	Allen wrench	1
6	99-55-4395014	3" Aluminum insert	1
7	99-55-4375015	3" Aluminum insert with axle	1
8	99-55-4375011	Base safety cap	2
9	99-55-4395032	Quick release pin	2
10	99-55-4375014	Self drilling mounting screws	8
11	99-55-4395038	Driver bit	1
12	99-55-4395013	2.83" Axle bolt	2
13	99-55-4395015	Strap Kit	1

STRAP KIT

- (11 Pcs.) Plastic Screw (1 extra piece)
- (21 Pcs.) Plastic Strap Plate (1 extra piece)
- (11 Pcs.) Stainless Steel Self-Drilling Screws (1 extra piece)
- (1 Pc.) Driver Bit
- (10 Pcs.) Fabric Straps (1 extra piece)



4. Depending upon the size of your pool you will also require one of the following tube kits: (Tube Assembly is detailed below)

AGR4376180 - 18' X 3" AGR TUBE KIT

- (3) 53" x 2.75" Diameter Inner Tube
- (2) 53" x 2.95" Diameter Outer Tube
- (8) 3" Through Bolt with Nut
- Drill Bit
- Maximum Finished Length = 19'

AGR4376240 - 18' x 3" AGR TUBE KIT

- (3) 68" x 2.75" Diameter Inner Tube
- (2) 68" x 2.95" Diameter Outer Tube
- (8) 3" Through Bolt with Nut
- Drill Bit
- Maximum Finished Length = 25'4"

AGR4376284 - 28' X 4" AGR TUBE KIT

- (4) 58" x 3.75" Diameter Inner Tube
- (3) 58" x 4.0" Diameter Outer Tube
- (8) 4" Through Bolt with Nut
- (2) 3.75" Axle Both with Nut
- Drill Bit
- (2) 4" Aluminum Tube Insert
- Maximum Finished Length = 29'4"

5. Positioning Your Solar Reel:

For Rectangular pools, place top-rail brackets at either end of pool. (Fig. A)

For Oval pools, place top-rail brackets at either end of pool where radius begins. (Fig. B)

For Round pools, place top-rail brackets at center of pool. (Fig. C)

Fig. A

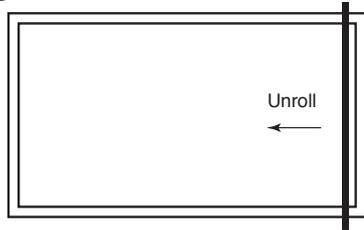


Fig. B

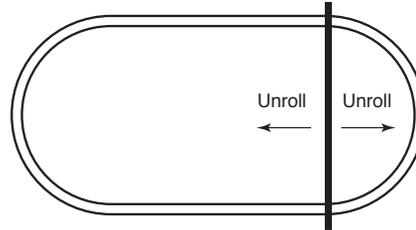
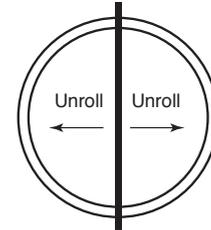


Fig. C



6. Trimming Your Solar Blanket:

- Lay your Solar Blanket (not provided) on top of water. IMPORTANT! Oval & Round Pool owners will need to fold their solar covers at point of placement of brackets! The cover will unroll left and right of brackets & cross pole. Please allow 6 inches more material on length to allow for a fold where straps will be attached for wind onto reel system. (See Fig A, B, C above)
- With scissors trim blanket to fit shape of pool. Be sure to clear the inside top rail of pool.

7. Mounting your Solar Reel Brackets: Exercise caution before drilling any holes in your top rail to avoid damaging the wall or liner. Locate area on top rail of pool where you want to mount your reel system. Aluminum Base is attached to the top rail with self-drilling screws through the four holes in the bracket.

8. Assembling The Tube Kit:

All tube kits consist of 6 sided Hexagon shaped aluminum tubing. There are two sizes of tubing, the smaller size nesting into the larger size. All tube kits begin and end with the smaller diameter tubes. The Aluminum tube inserts require CAREFUL ALIGNMENT! (See illustration below for proper insertion).

Image 1



Image 2



Image 3



Image 4



Image 5

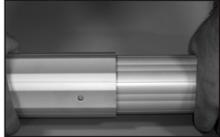


Image 6

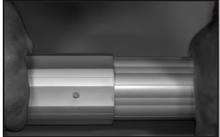


Image 7



Image 8



Image 9



Image 10



TUBE KIT ASSEMBLY:

- a. All tube kits consist of hexagon shaped aluminum tubing. There are two diameters of tubing; the smaller diameter will insert into the larger diameter.
- b. Determine length of tube required for your installation. Note maximum finished length per tube kit size listed above. (In Step 4)

Please note: Smaller diameter tube will be used on both ends of the reel and will connect to the base unit. Two of the smaller diameter tubes will have predrilled axle bolt holes on one end. The pre-drilled end will be connected to the base unit. (Image 1)
- c. Loosely assemble tubes together to match the desired length for your installation, evenly dividing the excess at each connection. Note that the smaller diameter tube must be inserted a minimum of 9" into the larger diameter tube at each connection. Tip: Measure in 9" from end of smaller diameter tube and make a mark with a pencil. (Image 2) The tube must be inserted at least to your pencil mark. It is ok if tube is inserted more than 9", but not less.
- d. Once you determine length and have proper spacing of tubes, mark each tube at the connection point for reference. (Image 3) This will eliminate the need to re-measure if your tubes get moved during the remainder of the installation process.
- e. Each connection will be fastened together with the through bolts supplied in your tube kit. Use the pre-drilled holes in the larger diameter tube as a guide to drill the smaller inner tube. (Image 4) Twist tubing to remove excess play prior to drilling holes. (Image 5 - Before Twisting, Image 6 - After Twisting) (Fig.C on last page) Drill from each side with the drill bit supplied. (Image 7)
- f. Fasten with 2 bolts and nuts at each connection. (Image 8, Image 9, Image 10)

Image 11



Image 12



3" DIAMETER TUBE KITS:

(If you purchased a 4" diameter tube kit, go to 4" diameter tube kit instructions below.)

- a. Attach tube assembly to base unit.
- b. The aluminum tube insert must be inserted into the end of the tube. (Image 11) Be sure to align axle hole in the aluminum tube insert with the pre-drilled axle hole on the tube.
- c. Insert Crank handle through the base unit and into the aluminum tube insert. Be sure to align axle hole. (Image 12)
- d. Fasten tube to base unit using the 2.83" axle bolt that is packaged with your base kit. (Image 13, Image 14, Image 15)
- e. Align and tighten locking collar with allen wrench. (Image 16)
- f. Repeat same procedure on opposite end using insert with axle.

Image 13



Image 14



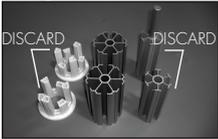
Image 15



Image 16



Image 17



4" DIAMETER TUBE KITS:

Note: The 4" tube kit is packaged with two large aluminum inserts and two resin inserts. See pictures of each. (Image 17) Note: Image 17 also includes the smaller aluminum inserts that were packaged with the base kit. You will use the large aluminum inserts for your installation.

- a. Remove the two small aluminum inserts from your base kit. One insert will have an axle pre-attached that will need removed and installed on one of the large aluminum inserts. Remove the bolt from the small metal insert using the allen wrench and install the axle on one of the large aluminum inserts. (Image 18, Image 19) The small bolt that holds the axle to the small aluminum tube insert will not be used with the large aluminum tube insert. The axle bolt itself will hold the assembly together on the axle end.
- b. The small aluminum inserts and the resin inserts can now be discarded as they will not be used.
- c. The tube insert must be inserted into the end of the tube. (Image 20) Be sure to align axle hole in the tube insert with the pre-drilled axle hole on the tube.
- d. Insert Crank handle through the base unit and into the tube insert. (Image 21) Be sure to align axle hole.
- e. Fasten tube to base unit using the 3.75" axle bolt that is packaged with your tube kit. (Image 22) Note: the 2.83" axle bolt that is packaged with your base kit can be discarded as it will not be used.
- f. Align and tighten locking collar with allen wrench. (Image 23)
- g. Repeat same procedure on opposite end using insert with axle.

Image 18



Image 19



Image 20



Image 21



Image 22



Image 23



8. Attach Straps to Tubes:

Come in 6 inches from each tube end and attach a strap plate to the aluminum tube assembly. Use the self drilling screws on the drill line to attach the plate. Look at the holes that were pre-drilled at the factory and use the same drill line. There are 6 lines on each tube. Take the remaining strap plates and connect them evenly along the length of the tube assembly. Attach Straps to strap plate. (Fig. D)

9. Attach Solar Blanket to Straps:

If Reel is to be placed at the end of the pool, attach cover to strap plate with plastic screw. (Fig. E) If Reel is to be placed in offset position, then attach cover to strap plate forming a fold to act like a hinge and the plastic screw will go through two layers of the solar blanket. (Fig. F) Bubbles should face down.

