

TUBE KIT ASSEMBLY:

- Loosely assemble extruded tubes together. Slide excess width into adjoining tubes, dividing it up as equally as possible.
Note: You must have a minimum of 9" of overlap in each tube!
- Measure the width across the pool from tube adaptor surface to tube adaptor surface & adjust length of the tube assembly to fit the span.
- Lock the tubes together by rotating each adjoining tube in the opposite direction. (See Figure C Below)
- Attach the tube assembly into the Crank and Tubing Adaptor and check for fit. Assemble Tube assembly together with Crank Handles and Tube Adaptor by lining up hole in the end of each tube fitted into Crank Handle and secure with metal Axle Bolt and nut provided in the strap kit. If using 4" tube kit, use the (2) 4" axle bolts provided in the 4" tube kit hardware pack.
- When all is OK drill holes for the through bolts to connect the tubes. Use the pre-drilled holes in the outer tube as a guide to drill the smaller inner tube. Drill from each side with the drill bit supplied.
- Fasten with 2 Bolts & Nuts at each join. Bolts are at right angles to each other. The 3" tube kits will use one 3^{1/8"} bolt and one 3^{1/4"} bolt at each join. The 4" tube kits will use one 4^{3/16"} and one 4^{3/8"} bolt at each join.

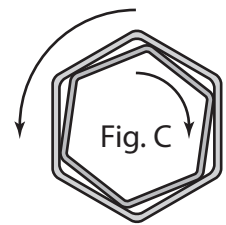
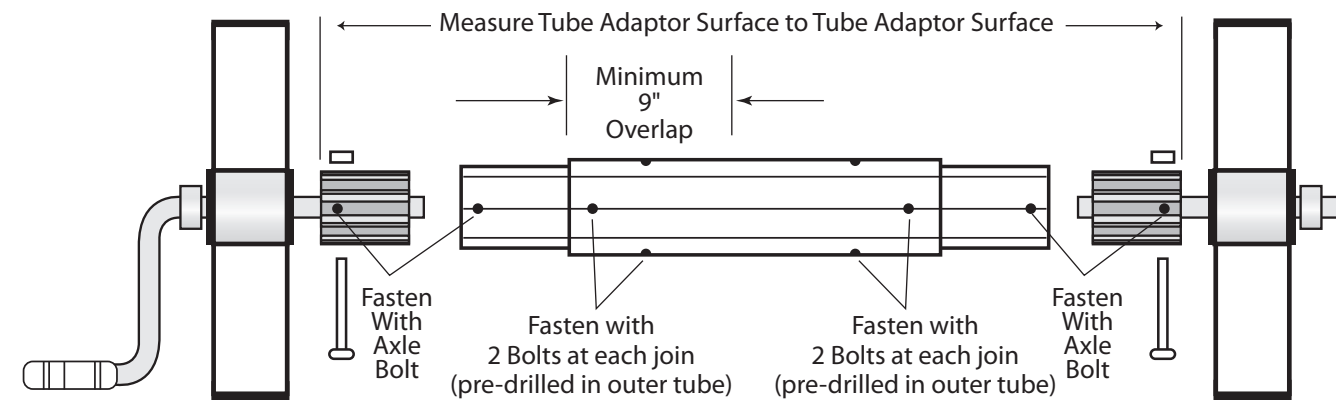


Fig. C
Twist
Tubing To
Remove Excess
Play Prior
To Screwing
Together.



Fig. D
Thread
Strap
as Shown

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. (See Figure D)

9. Attach Solar Blanket to Straps:

If Wheel is to be placed at the end of the pool, attach cover to strap plate with plastic screw as shown in Figure E Below Left. If Wheel 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 as shown in Figure F Below Right. Bubbles should face down.

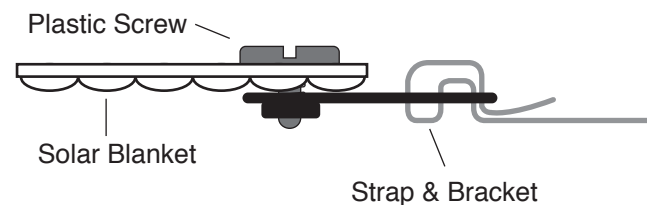


Fig. E

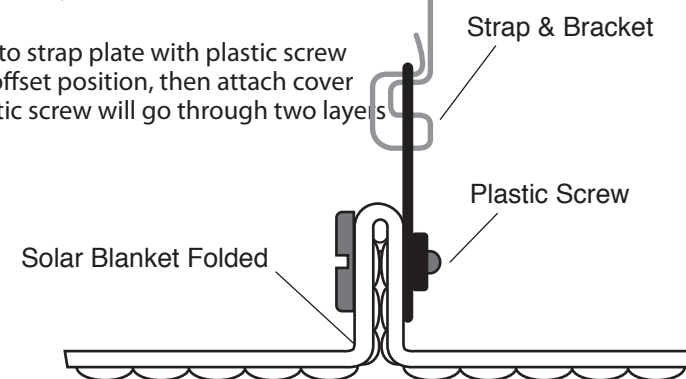


Fig. F

#4390000
INSTRUCTIONS

PRO SERIES ALUMINUM REEL SYSTEM FOR INGROUND POOLS

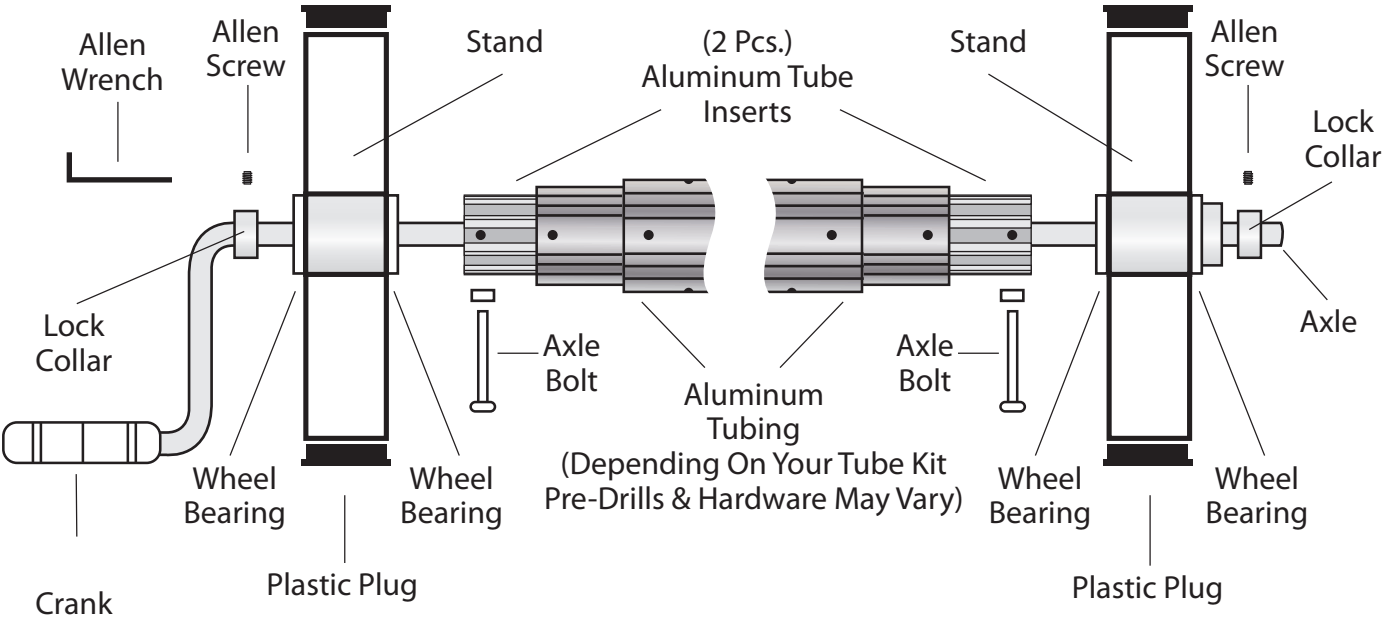


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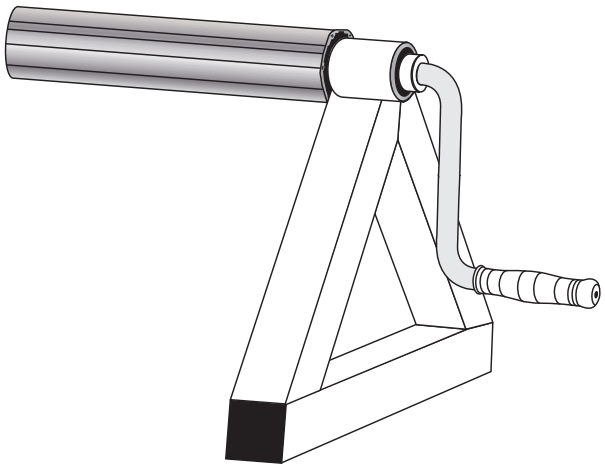
PRO SERIES ALUMINUM REEL SYSTEM FOR INGROUND POOLS

1. Congratulation on your purchase of our PRO SERIES Solar Reel for In Ground Pools. Please follow the instructions carefully so as to not void our 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 LIST**
- (2) Base stands
 - (4) Sealed bearings (installed)
 - (4) Plastic end caps for stands
 - (1) Crank handle with grip & lock collar
 - (1) Axel with lock collar
 - (2) Aluminum tube inserts
 - (2) Axle Bolts with nuts
 - (1) Allen Key for locking collar
 - (4) Rubber feet with attachment hardware

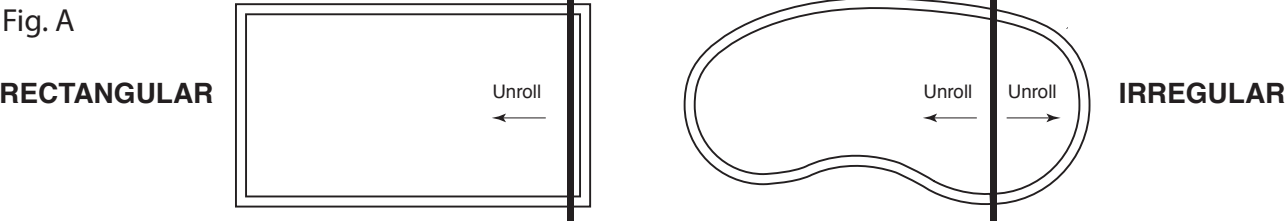
- STRAP KIT**
- (11 Pcs.) Plastic Screw (1 extra piece)
 - (21 Pcs.) Plastic Strap Plate (1 extra piece)
 - (11 Pcs.) Stainless Steel Self-Drilling Screws (1 extra piece)
 - (1 Pc.) Driver Bit
 - (10 Pcs.) Fabric Straps (1 extra piece)



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

Part #4390012 Tube Kit Fits up to 12' width pool Contains: (1) 59-1/2" x 2.920" Diameter extruded aluminum shaft (2) 59-1/2" x 2.745" Diameter extruded aluminum shaft (2) 3 1/8" Through Bolts (2) 3 1/4" Through Bolts	Part #4390016 Tube Kit Fits up to 16' width pool Contains: (2) 72" x 2.920" Diameter extruded aluminum shaft (1) 72" x 2.745" Diameter extruded aluminum shaft (2) 3 1/8" Through Bolts (2) 3 1/4" Through Bolts (1) Drill Bit	Part #4390020 Tube Kit Fits up to 20' width pool Contains: (2) 59-1/2" x 2.920" Diameter extruded aluminum shaft (3) 59-1/2" x 2.745" Diameter extruded aluminum shaft (4) 3 1/8" Through Bolts (4) 3 1/4" Through Bolts (1) Drill Bit	Part #4390420 4" Tube Kit Fits up to 20' width pool For larger pools and/or heavy guage solor covers Contains: (2) 59-1/2" x 3.920" Diameter extruded aluminum shaft (3) 59-1/2" x 3.745" Diameter extruded aluminum shaft (2) 4" Axle Bolts (4) 4 3/16" Through Bolts (4) 4 3/8" Through Bolts (2) 6" Long Aluminum Inserts (2) 4" Dia. Plastic Tube Inserts (1) Drill Bit	Part #4390024 4" Tube Kit Fits up to 24' width pool For larger pools and/or heavy guage solor covers Contains: (2) 68" x 3.920" Diameter extruded aluminum shaft (3) 68" x 3.745" Diameter extruded aluminum shaft (2) 4" Axle Bolts (4) 4 3/16" Through Bolts (4) 4 3/8" Through Bolts (2) 6" Long Aluminum Inserts (2) 4" Dia. Plastic Tube Inserts (1) Drill Bit
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5. Positioning Your Solar Reel:
For Rectangular pools, place Stands at either end of pool.
For Irregular shaped pools, place Stands at some convenient midway point. You will need to fold Blanket and allow Blanket to unroll in two directions. (See Figure A below)



6. Trimming Your Solar Blanket:
 - Lay your Solar Blanket (not provided) on top of water. **IMPORTANT!** Irregular Shaped Pools will need to have their solar covers folded at point of placement of Stands! The cover will unroll left and right of Stands & 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 Illustrations above)
 - With scissors trim blanket to fit shape of pool. Be sure to clear pool edge coping.
7. Assembling The Tube Kit:
All Tube Sets consist of 6 sided Hexagon shaped aluminum tubing. There are two diameters of tubing, the smaller size nesting into the larger size. All Tube Kits Begin and End with Small Tubes. The Tube Plug Requires **CAREFUL ALIGNMENT!** (See Illustration Below For Proper Plug Insertion)

