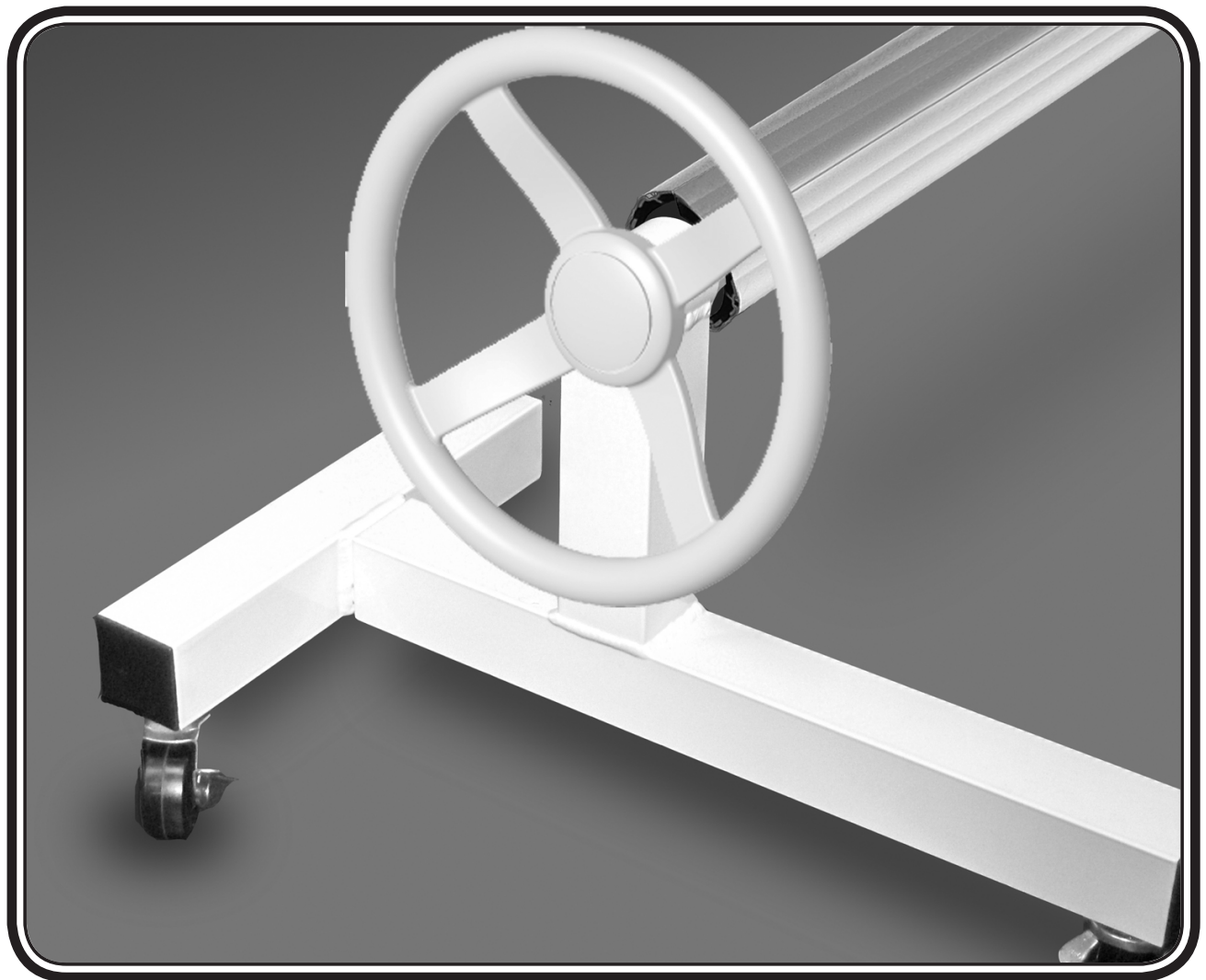


55-0000MS-BK
INSTRUCTIONS

PRO SERIES ALUMINUM REEL SYSTEM FOR INGROUND POOL



REGISTER WARRANTY ONLINE AT WWW.GLIPOOLPRODUCTS.COM.
PLEASE REGISTER WITHIN 10 DAYS OF PURCHASE.

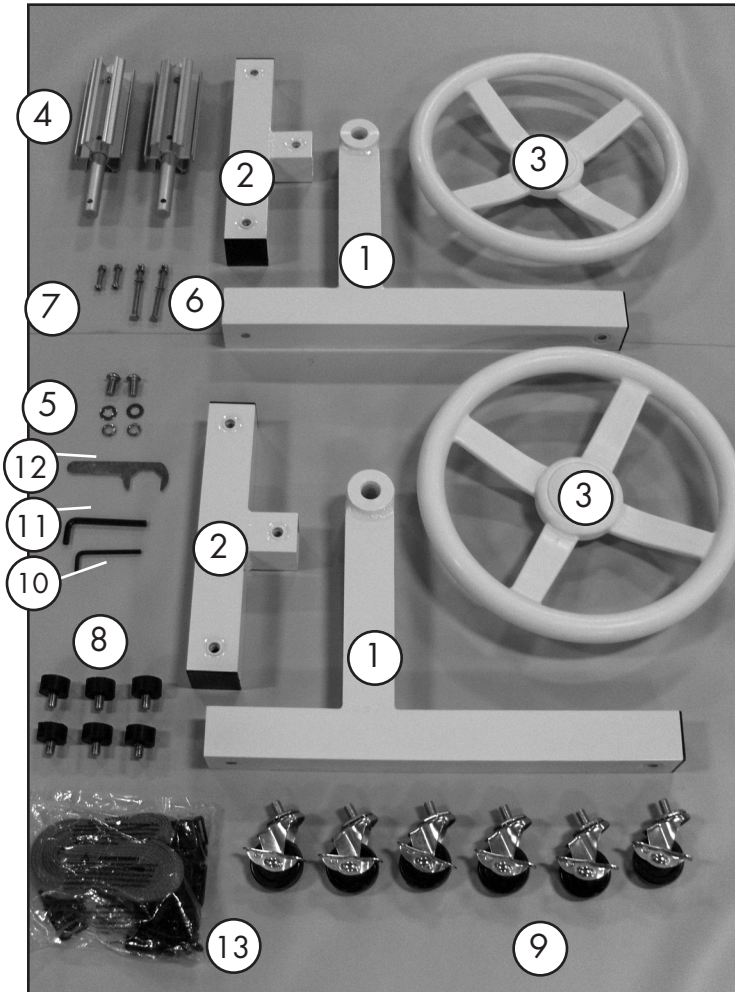
IF YOU WISH TO MAKE A CLAIM, CALL TOLL FREE 1-800-448-2343.
FOR REPLACEMENT PARTS FOR YOUR REEL SYSTEM PLEASE VISIT, WWW.GLIPROMOTIONS.COM.



Youngstown, Ohio 44510 • www.glipoolproducts.com


INSTALLATION INSTRUCTIONS


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





PARTS BREAKDOWN			
	PART NUMBER	DESCRIPTION	QU.
1	99-55-4395078	18" Stand with end cap & bearing	2
2	99-55-4395079	12" Stabilizer with end caps	2
3	99-55-4395077	Large steering wheel	2
-	99-55-4395012	Plastic end caps for base stand	6
4	99-55-4395015	3" Aluminum tube inserts with axle	2
5	99-55-4395019	Base kit attachment bolt with washer and locking washer	2
6	99-55-4395013	3' Axle bolt & nut	2
7	99-55-4395081	1.25" Steering wheel/axle bolt with locking nut	2
8	99-55-4395045	Screw-in rubber foot pads	6
9	99-55-4395018	Screw-in casters	6
10	99-55-4395009	Small allen wrench	1
11	99-55-4395049	Large allen wrench	1
12	99-55-4395020	Custom caster wrench	1
13	99-55-4395015	IG 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)

- Depending upon the size of your pool you will also require one of the following tube kits: (Tube Assembly is detailed on next page.)

PART # IGR4390012
12' X 3" IGR TUBE KIT
(2) 59.5" x 2.75" Dia. Inner Tube
(1) 59.5" x 2.95" Dia. Outer Tube
(4) 3" Through Bolt with Nut
(1) Drill Bit
Max. finished length = 13' 3/8"

PART # IGR4390016
16' X 3" IGR TUBE KIT
(2) 72" x 2.75" Dia. Inner Tube
(1) 72" x 2.95" Dia. Outer Tube
(4) 3" Through Bolt with Nut
(1) Drill Bit
Max. finished length = 16' 1/2"

PART # IGR4390002
20' X 3" IGR TUBE KIT
(3) 59.5" x 2.75" Dia. Inner Tube
(2) 59.5" x 2.95" Dia. Outer Tube
(8) 3" Through Bolt with Nut
(1) Drill Bit
Max. finished length = 21' 3/4"

PART # IGR4390420
20' X 4" IGR TUBE KIT
(3) 59.5" x 3.75" Dia. Inner Tube
(2) 59.5" x 4.0" Dia. Outer Tube
(8) 4" Through Bolt with Nut
(2) 3.75" Axle Bolt with Nut
(2) 4" Aluminum Insert
(2) 4" Resin Insert
(1) Drill Bit
Maximum length = 21' 3/4"

PART # IGR4390024
24" X 4" IGR TUBE KIT
(4) 68" x 3.75" Dia. Inner Tube
(3) 68" x 4.0" Dia. Outer Tube
(12) 4" Through Bolt with Nut
(2) 3.75" Axle Bolt with Nut
(2) 4" Aluminum Insert
(2) 4" Resin Insert
(1) Drill Bit
Max. finished length = 25' 3/8"

5. Positioning Your Solar Reel:

For Rectangular pools, place Stands at either end of pool. (See Fig. A)

For Irregular shaped pools, place Stands at some convenient midway point. You will need to fold Blanket and allow Blanket to unwind in two directions. (See Fig. B)

Fig. A

RECTANGULAR

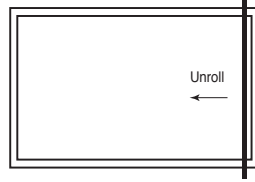
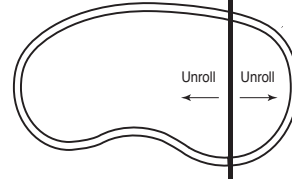


Fig. B

IRREGULAR



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 Fig. B above)
- With scissors trim blanket to fit shape of pool. Be sure to clear pool edge coping.

7. Base Kit Assembly

Image 1



Image 2



- Insert 12" stabilizer into 18" stand. Be sure that the caster holes are facing down. (Image 1) Attach 18" stand to 12" stabilizer using Base Kit attachment bolt with washer and locking washer. (Image 2)
- For stationary use, screw in rubber foot pads. (Image 3)
- For mobile use, screw in casters. Secure using custom caster wrench. (Image 4)

Image 3



Image 4



8. 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 Insert Requires CAREFUL ALIGNMENT!

Image 5



Image 6



TUBE KIT ASSEMBLY:

- All tube kits consist of hexagon shaped aluminum tubing. There are two diameters of tubing; the smaller diameter will insert into the larger diameter.
- 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 pre-drilled axle bolt holes on one end. The pre-drilled end will be connected to the base unit. (Image 5)

Image 7

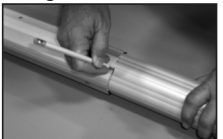
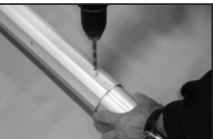


Image 8



- 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 6) The tube must be inserted at least to your pencil mark. It is ok if tube is inserted more than 9", but not less.

Image 9

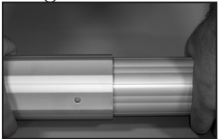
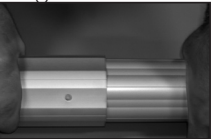


Image 10



- Once you determine length and have proper spacing of tubes, mark each tube at the connection point for reference. (Image 7) This will eliminate the need to re-measure if your tubes get moved during the remainder of the installation process.

Image 11



Image 12



- 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 8) Twist tubing to remove excess play prior to drilling holes. (Image 9 - before twisting, Image 10 - after twisting) (Fig.C on last page) Drill from each side with the drill bit supplied. (Image 11)

Image 13



Image 14



- Fasten with 2 bolts and nuts at each connection. (Image 12, Image 13, Image 14)

*CONTINUE ON BACK OF PAGE FOR ATTACHING TUBE ASSEMBLY TO BASE KIT.

Image 15



Image 16



Image 17

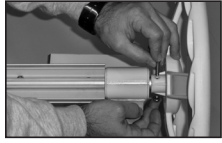


Image 18

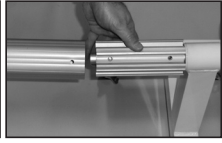


Image 19



Image 20

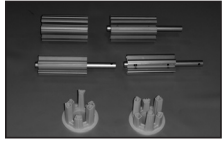


Image 21



Image 22



Image 23



Image 24

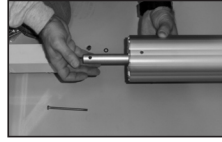


Image 25

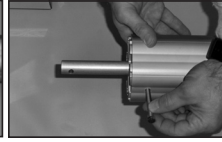


Image 26

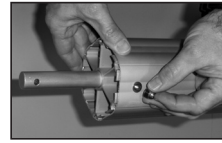


Image 27

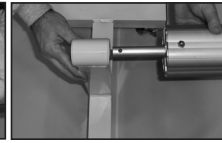


Image 28

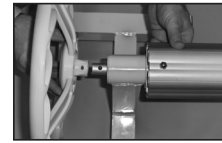
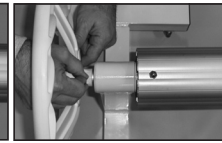


Image 29



3" DIAMETER TUBE KITS: ATTACH TUBE ASSEMBLY TO BASE KIT

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

- Insert "aluminum tube insert axle" into the base unit. (image 15)
- Attach steering wheel to axle. (image 16)
- Align hole in wheel with hole in axle and fasten together using the 1.25" Steering Wheel/Axle bolt. (image 17)
- Attach aluminum tube to the aluminum tube insert. Be sure to properly align the bolt hole in the insert with the bolt hole at the end of the aluminum tube. (image 18)
- Fasten the Tube and aluminum tube insert together using the 3" axle bolt. (image 19)
- Repeat same procedure on opposite end.

4" DIAMETER TUBE KITS: ATTACH TUBE ASSEMBLY TO BASE KIT

Note: The 4" tube kit is packaged with two large (4") diameter aluminum inserts and two resin inserts. See pictures of each below. You will only use the large (4") aluminum inserts for your installation. (Image 20)

- In addition, there are 2 small (3") aluminum inserts packaged in with your base kit. Remove the two small (3") aluminum inserts from your base kit. Each of the small (3") aluminum inserts will have an axle pre-attached that will need removed and installed on the 2 large (4") aluminum inserts.
- Remove the axle from the small 3" aluminum insert using the small Allen wrench (Image 21) and install the axle on the large (4") aluminum inserts **Note: Be sure to properly line up the hole in the axle with the hole in the aluminum insert (See Image 22 & 23).**
- Next, insert the 4" aluminum insert and axle into the end of the tube. Line up the holes of the tube with the hole in the aluminum insert and the hole in the axle (Image 24).
- Insert the 3.75" axle bolt that is packaged with your tube kit to connect the three pieces together (Image 25 & Image 26).

Note: The small (3") aluminum inserts and the resin inserts that were packaged with the base kit can now be discarded as they will not be used.

Note: One of the 4" Aluminum inserts will have an axle pre-installed. You will need to remove that axle and replace it with the axle from the small 3" aluminum insert.

You may discard the axle that was pre-installed in the 4" aluminum insert.

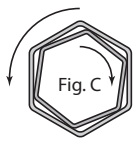
- Insert "aluminum tube insert axle" into the base unit. (Image 27)
- Attach steering wheel to the axle and fasten together using the 1.25" Steering Wheel/Axle bolt. (Image 28 & 29)
- Repeat same procedure on opposite end.

9. 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)

10. 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.



Twist Tubing To Remove Excess Play Prior To Screwing Together.



Thread Strap as Shown

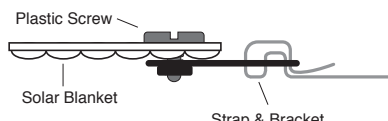


Fig. E

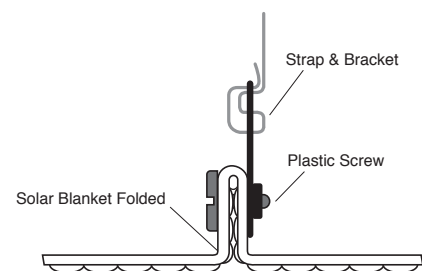


Fig. F

