

SOLAR ROLLER LITE

ASSEMBLY INSTRUCTIONS
PLEASE READ INSTRUCTIONS CAREFULLY



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TOOLS REQUIRED

- Tape Measure and Pencil
- Scissors
- Electric drill with Philips head drill bit
- 1/4" Metal Cutting drill bit
- Hex socket wrench with 7/16" hex socket

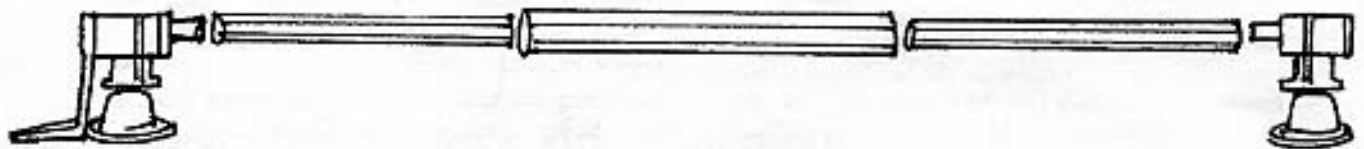
PARTS LIST

QTY	PART#	DESCRIPTION	QTY	PART#	DESCRIPTION
2	2020	Base	26	3066	Metal Tek Screw
2	2021	Bearing	10	2017	Strap Tabs (Plastic)
2	2022	Yoke	10	5008	12" Strap
1	2023	Handcrank (1 Only)	6	3051	1" Base Hex Bolt
6	3053	Base Washer	6	3052	Base Hex Nut

METAL TUBING FOR EACH REEL SIZE

LT-18			LT-24			LT-28		
QTY	DESCRIPTION	PART#	QTY	DESCRIPTION	PART#	QTY	DESCRIPTION	PART#
2	7'0" Tube (Inner)	3025	2	7'0" Tube (Inner)	3025	2	7'0" Tube (Inner)	3025
1	7'0" Tube (Outer)	3026	1	7'0" Tube (Outer)	3026	2	8'11" Tube (Outer)	3027
			1	3'0" Tube (Inner)	3028	1	3'0" Tube (Inner)	3028

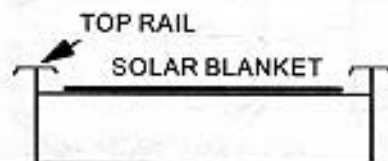
SOLAR ROLLER COMPONENTS:



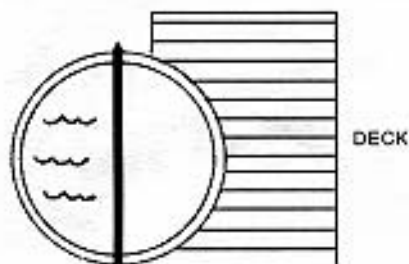
STEP #1 TRIM SOLAR COVER

Using scissors trim your cover so that it clears the inside of your pool's top rail when you rollup the cover.

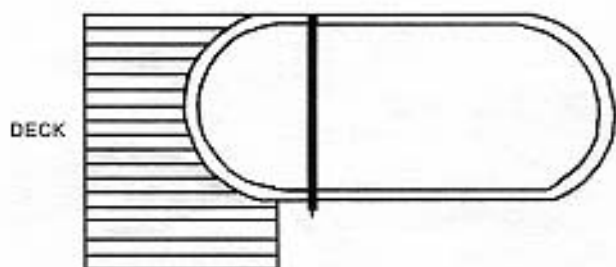
- Examples: Round Pool: Trim cover in middle of pool (see diagram)
Oval Pool: Trim cover on the edges of the pool (see diagram)



STEP #2 PLACEMENT OF REEL



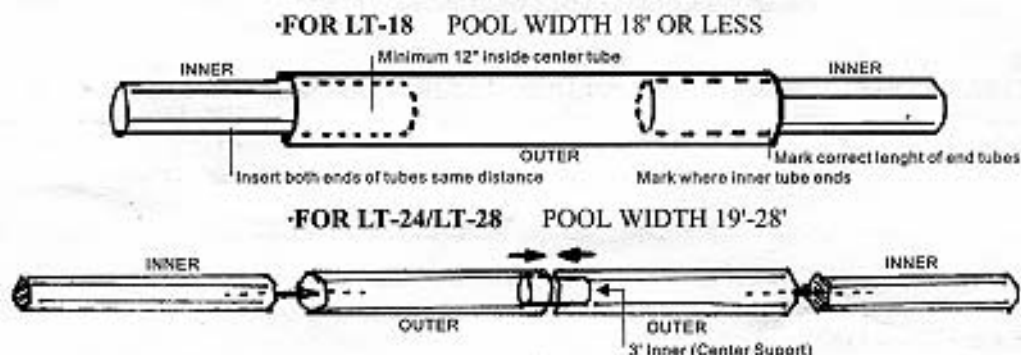
Round Pool: Reel should be placed in the middle of the pool which is the widest point.



Oval/Rectangle Pool: Reel should be placed at the end of the pool just before the pool radius. Place at pool's widest point.

* NOTE: Make certain there is a flat surface on the top rail and there is no obstruction under the top rail to prevent attaching bases.

STEP #3 TUBE ASSEMBLY



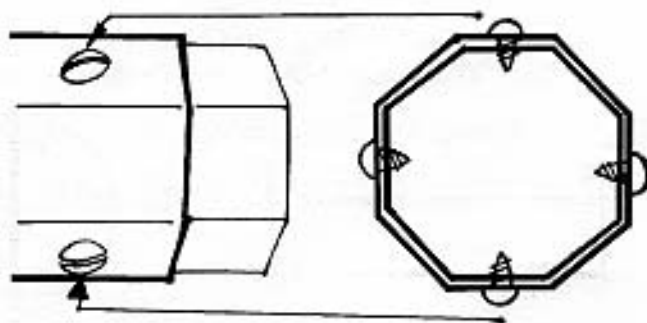
* **MINIMUM TUBE OVERLAP:** 12" All Models (18" on Center Support)

- Measure the approximate width of your pool from the center or your top rails where you will install the reel. Make sure you allow room for the handcrank to turn completely.
- Insert the plastic ends into the inner tube. To secure the plastic ends to tube install (1) Tek screw thru tube into the barrel of the plastic end. Drill Tek screw 1" in from end of tubing. Now install the other plastic end.
- Lay the tubing on the ground and assemble the tubes together per the above drawing on tube assembly. Make sure you overlap a minimum of 12". For models LT-24/LT-28 make sure 3" center support has equal 18" inside each "Outer" tube (per drawing).

Do Not attach tubes together with Tek screws.

- Place the reel on the pool's top rail at the desired placement. Make final adjustments to tube length.
- Secure tubes together with metal Tek screws (per diagram). Use (4) Tek screws per tube attachment. Make sure of minimum 12" overlap of tubing.
- When drilling screw into metal, press firmly until screw drills into metal tubing. Tighten screw into metal.

**DO NOT OVER-TIGHTEN SCREW.
IT WILL STRIP THREADS OF SCREW.**



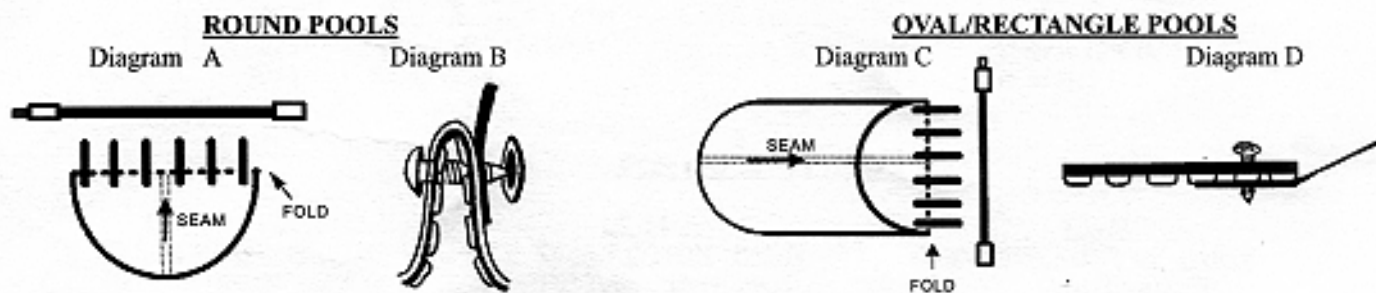
STEP #4 INSTALLING BASE ONTO TOP RAIL

- Place each BASE onto top rail. Make sure there are no obstructions under top rail to prevent attaching BASE.
- Use drill and 1/4" metal bit and drill (3) holes thru the top rail. Use BASE as your guide.
- Insert 1" hex head bolt into hole, place washer and nut under top rail. Tighten down with 7/16 hex socket.
- Put assembled plastic end with tubing into BASE.
- Measure tubing length and make sure of placement of the second BASE. Adjust if necessary the length of tubing or placement of the second BASE.
- Install second BASE onto top rail as indicated previously (#B, #C).

STEP #5 ATTACHING SOLAR COVER

When placing the straps, evenly space them so that the cover will be uniformly attached to the reel.

- Attach straps to cover: Pierce hole thru strap 2" from end using strap tab, then follow Diagram A & B for Round pools or Diagram C & D for Oval/Rectangle pools.



STEP #6 ATTACHING STRAPS TO TUBE

- When attaching straps to tube, it's very important that the attachment of the strap to the tube is directly over the strap tabs. This will ensure a smooth and uniform rollup.
- Mark the tube where straps will be attached.
- Hold strap against the tube and drill a metal Tek screw thru the strap into tube. This attaches strap permanently onto tube.
- If blanket does not rollup evenly: Check the following:
 - Adjust length of strap(s) may be necessary. Do this to get an even rollup.
 - Attachment of strap to tube is not directly over strap tab.

STEP #7 OPERATING INSTRUCTIONS AND FINAL ADJUSTMENTS

- The solar cover when rolled up onto reel should be smooth.
- When unrolling the cover, start unrolling using the handcrank.
ROUND POOLS: Both ends of cover should unroll in opposite directions.
OVAL/RECTANGLE POOLS: Pull the leading edge of cover slowly down the pool. When the leading edge of the short piece of blanket appears -Stop, Then give the short piece a pull in the right direction.
- Extra attention to fine tuning of the installation of your reel will make for easier operation.
- Check screws occasionally and tighten if necessary.
- When reel is removed from pool, ensure that it is stored with the middle being supported. This will prevent the tubing from bending. You can do this by hanging reel/cover on a fence or by laying it on the ground away from the pool.

STEP #8 WINTER STORAGE

The Solar Roller Lite should be stored inside for winter protection. It's not recommended to disassemble the tubing for storage.

SAFE USE OF YOUR SOLAR ROLLER LITE:

Your reel is designed to remove solar covers. They are not designed to support a person's weight, in any circumstance. Use your new reel system and enjoy. The reel must always be removed completely from the pool before swimming.

WARRANTY: 1 YEAR WARRANTY

Your new SOLAR ROLLER LITE is guaranteed by the manufacturer 1 year to be free of defects in material and workmanship under normal use in accordance with manufacturer's installations. All parts shipped from manufacturer on a warranty claim will be freight collect. This warranty does not apply to damage resulting from accident, misuse or abuse of the product, or alteration of modification after purchase. This warranty is in lieu of all other express warranties. Replacement of defective products is the exclusive remedy. The manufacturer will not be liable in contract or tort for any direct, consequential, special, or incidental loss or damage arising out of the use of this product.

To file claim, contact: **Horizon Ventures, Inc.** P.O. Box 513 Deerfield, IL 60015 Attn: Warranty Department

SOLAR ROLLER LITE: TO INSURE PRODUCT GUARANTEE SEND WITHIN 30 DAYS OF PURCHASE

Purchaser: _____ Purchase Date: _____

Address: _____

City/State: _____ Zip Code _____