

CLEARDECK ROLLER INSTALLATION GUIDE

NOTE-- IF POOL IS A PAVER STONE DECK, YOU WILL NEED PAVER CLIPS (SEE PAGE 6) AND CENTER ROLLING TUBE ASSEMBLY IS DONE AT TIME OF BLANKET INSTALLATION

SIMPLE INSTALL: LEVEL TO COPING HEIGHT, SQUARE & CENTERED TO POOL, CEMENT IT IN



Step 1: To ensure the correct and square location of the Cleardeck run string lines on both sides of pool to properly align the Cleardeck unit with the outer most edges of the swimming pool surface.



Step 2: Using a carpenter square, run a string line perpendicular to the first string lines to outline an excavation area for the roller location. Roller housing will extend past the string lines on either side. (See Step 11)



Step 3: Excavate an area of 20" wide to a depth of 20" where the Cleardeck will reside. Keep the unit as close to the pool as possible to reduce blanket wear. (Distance from coping can vary depending on the pool)



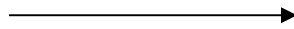
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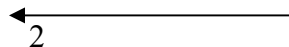
Step 4: Using a piece of coping installed on the pool wall and rebar, determine the elevation of the Cleardeck using a large level. Mark the level on the rebar.



Step 5: The height of the Cleardeck round plastic housing measures 15". Measuring **15" down** from the coping height to determine the base location of the housing, install a cross support at the 15" depth from the frame to the pool wall to form a place to rest the roller.



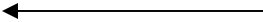
Step 6: Pool braces will need to be modified to create a space for the roller. Using a level, build supports the length of the Cleardeck. If the pool has no steel bracing, create a base to place the unit on out of lumber and stakes. (See Step 7)



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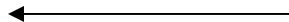
Step 7: Where the Cleardeck extends past the pool frames, construct a wood base to support each end of the Cleardeck unit. Please ensure that the wood braces are level with the supports attached to the deck frames and pool wall.



Step 8: You may now remove the top portions of the braces that were modified. The location has now been properly prepared for the Cleardeck installation.



Step 9: You may now unpackage unit and place it in the prepared location. **PLEASE ENSURE ARROWS ON TOP OF UNIT POINT TOWARDS POOL. DO NOT REMOVE LID PROTECTION UNTIL SOLAR BLANKET INSTALLATION. LID IS ALUMINUM AND WILL MARK IF IT COMES IN CONTACT WITH CONCRETE.**



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Step 10: CENTER ROLLING TUBE ASSEMBLY IS DONE AT TIME OF BLANKET INSTALLATION. Fit drive end and extension ends together tightly. Insert tee fasteners in holes at the side of the housing placing splice bracket over tee's on both sides. Place retaining clips on top and bottom of support legs.

Retaining clips (bottom and top)

Tee Fasteners with Splice Bracket

Step 11: Make certain that the unit is aligned and has the same amount of protrusion past the string lines on both sides of pool. **(6 inches)** Ensure that the unit is still square to the pool, centered on the string lines and remains level.



Step 12: Screw the unit through the bottom lip to the supports that you have created. This will ensure no movement of the unit will occur and you can now carefully backfill and cement in as usual.

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GROUNDING LIDS

If local electrical authority requires grounding of lids, place grounding wire in holes provided at both ends of unit. **Wire can be affixed to the metal grounding lug on the inside of each lid at time of blanket installation.**

ground wire hole



INSTALLATION IN REGULAR OR STAMPED CONCRETE



Install the concrete clips along the top edge of the unit. These clips will help bite into the concrete.

Concrete Clips

Make certain to pack cement under the flange all the way down the unit during the concrete pour. This will preserve and reinforce the straight edge of the unit so that the lid closes even and flush. Ensure lid is protected. **LID IS ALUMINUM AND WILL MARK IF IT COMES IN CONTACT WITH CONCRETE.**



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INSTALLATION WITH INTERLOCKING PAVERS OR STONE

Cleardeck Unit must be installed in cement using paver clips for interlock or laid stone pool deck. (clips are supplied free of charge)



Anytime concrete does not reach under the top flange of the unit, install paver clips. The paver clips are longer and allow concrete to be poured lower down on the profile of the unit leaving space for stone to be laid right to the edge of the unit.

Place the clips in pairs across from each other along the length of the unit.

Paver Clips



Backfill as usual and include the addition of some rebar for strength.

The paver clips must be imbedded in concrete mud mat prior to installation of paving stone to maintain straightness and uniformity.



CLEARDECK SOLAR BLANKET INSTALLATION GUIDE

USE 12MIL (EXTRA HEAVY) SOLAR BLANKET WITH LENGTH LONGER THAN POOL (4' OR MORE)

STEP 1

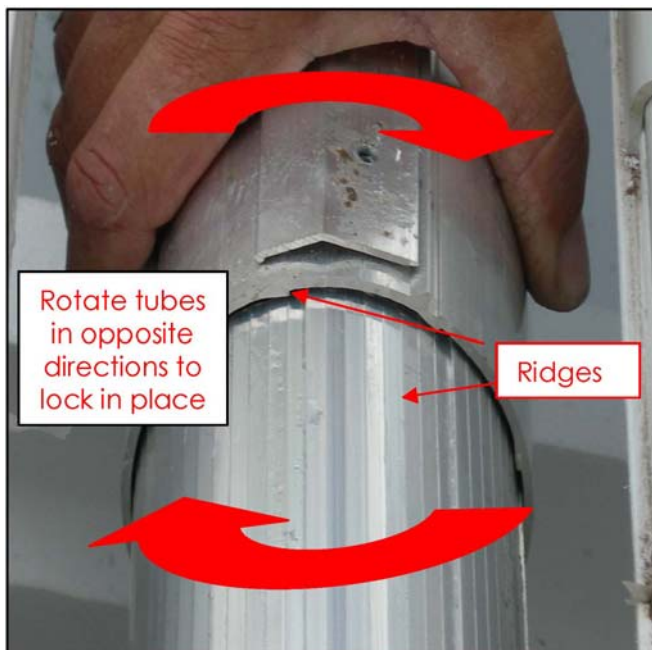
Once the concrete is set, remove knockout panels by cutting within the "V" groove using a Jigsaw or Sawzall.

Note: Instructions use the terms drive and idler. The drive tube is connected to the gear box where the crank handle for retraction is inserted. The idler tube gear box does not have this function.



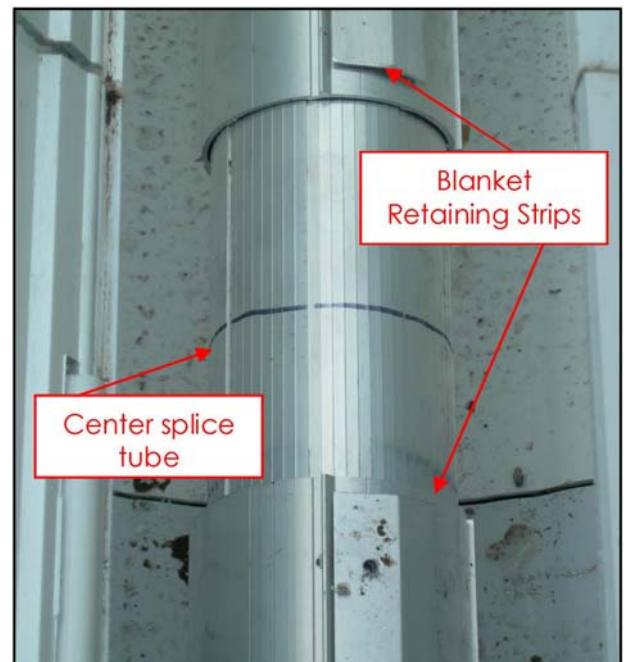
STEP 2

Insert the splice tube to connect the idler and drive tubes ensuring tube ridges are facing in opposite directions (**important**). Centre the splice tube between the idler and drive tube using the black line as a guide and connect the roller tube to the driver and idler ends.



STEP 3

Ensure the blanket retaining strips are aligned and on the top of each tube. **Twist the drive/idler and splice tubes in opposite directions until tight to lock into place making certain the roller tube fits tightly against the drive and idler ends.**



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STEP 4

Unscrew retaining strips from the tubes. Strips will be used to secure the solar blanket to the drive and idler tubes. Place blanket bubble down on the water surface removing wrinkles.

Blanket seams must align 90 degrees to the roller tube to keep the blanket from tracking to one side when rolling. Align the retaining strip to a row of bubbles to ensure the blanket retracts straight.

Screw retaining strip into place. Trim excess material allowing blanket to rest on water surface **with a 1" clearance from pool walls.**



STEP 5

Attach the pull strap by first locating the center line of the blanket. Install the blanket clamps approximately 4" apart on either side of center, reinforcing the area with duct tape front and back. Secure the plastic clamps with the nuts and bolts provided.

TO RETRACT: insert handle and roll, making certain blanket rolls over top of tube into Cleardeck, smoothing wrinkles as necessary.

TO REPLACE: Pull a few feet of blanket out of the unit, take strap to end of pool and pull blanket across pool at 90 degrees to unit. **Don't walk along side and pull.**

