

## Picture Installation Guide

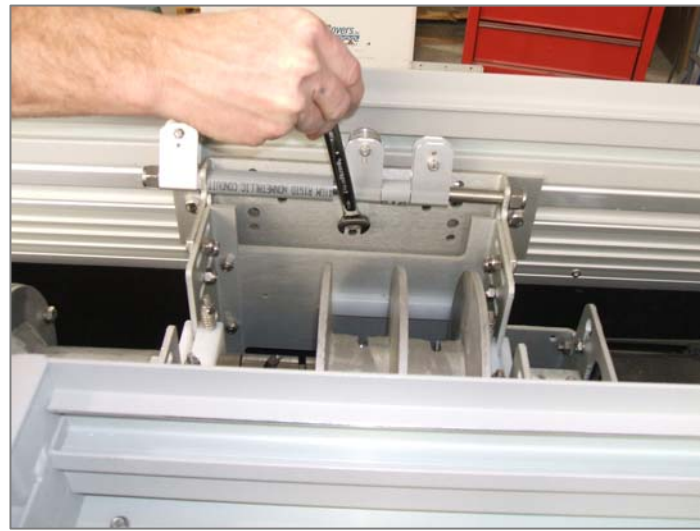
\*\*Confirm all track dimensions and cover dimensions before installation\*\*



With (2) 3/8" x 3/4" bolts, install the motor end and opposite end mounting brackets into the lowest set of holes, preparing for the AutoGuard unit.



Drop the AutoGuard into the mounting brackets, and align the center mark on the tube with the center of the track. Then tighten all bracket bolts.



With (1) 3/8" x 1 1/4" bolt, secure the AutoGuard frame to the mounting brackets. There should be (2) bolts total for the motor end, and (2) bolts for the opposite end.



Now we will cut the track length. Measure the encapsulation (allowing for the end track pulley assembly see picture 1 above) PLUS the track must come 3/4" past the inside of the coping and into the box end (see picture 2). Cut the track to this length and FILE and COUNTERSINK the cut end of the track. Lay the track on top of the deck in preparation for the ropes.



Unroll the vinyl from Left to Right. Pull the rope from through the correct guide, THEN pinch the rope thru the poolside of the track and pull to the end of the track. Next (picture 3) take the pulley around the pulley housing and thru the back channel of the track. Pull the track pieces together & tie the rope into a knot. This will make the track easier to slide into the coping.

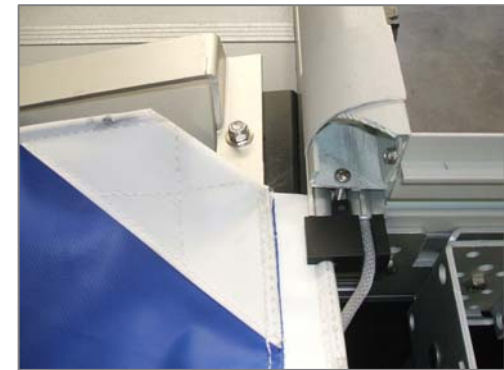
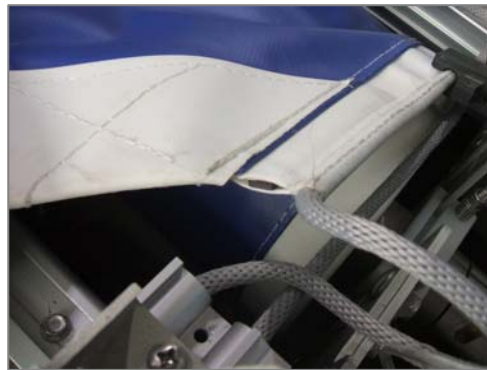


Slide the track into the coping. Be aware and keep the track from going into the pool. The pulley should be to the end of the encapsulation and the track should be  $\frac{3}{4}$ " into the box. THEN add the rubber wedge UNDERNEATH the track. This will hold the track in place. Continue to pull the rope around the opposite pulley and across the back of the polybox – leaving the rope by the motor end.



Drill a hole thru the coping and TRACK ONLY. Do not drill thru the guide yet. Then bolt the track to the coping. Now add the threaded sensor to the motor side guide. **TIGHTEN THE SENSOR ONLY TO THE TOP OF THE THREADS – NO HIGHER!** Pull the 4 feet of wire off to the side for wiring at a later time.

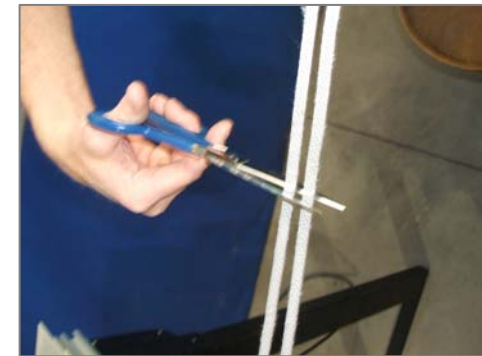
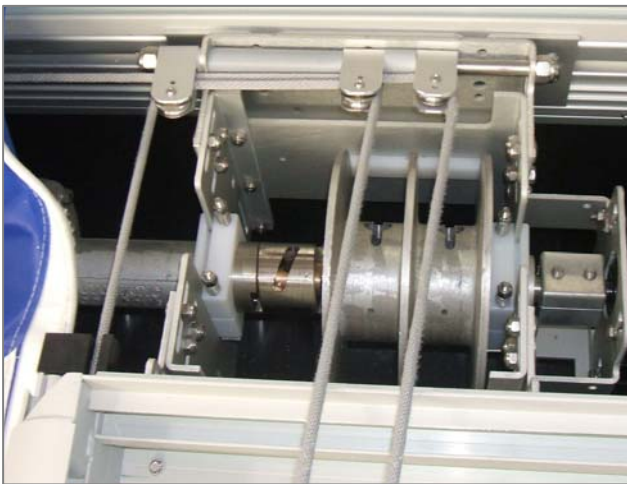
The third picture shows the Guide being pulled onto the front of the cover in preparation of picture 4. Finally, pinch the glider onto the rope. We will slide it back against the cover after the magnet is inserted. Please note that the bolt holding the glider to the glider bracket is not too tight. The glider should be able to rotate without much resistance. Firm but not too tight.



On the motor side of the cover only, we will now insert the magnet that stops the cover in the open position. Remove the tape from the magnet and insert the magnet into the webbing until it is fully inside the webbing. Now slide the glider back against the webbing and into the track.



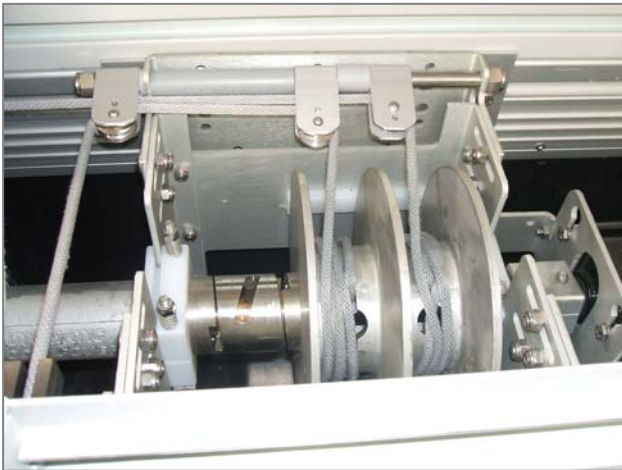
With a 5/32” drill bit, drill thru the guide and into the track. Fasten the guide to the track with the nut/bolt provided. Now we will slide the lead edge bar onto the front of the cover (be careful not to scratch the coping) The top of the lead edge has the cover channel “lower” or closer to the water. Then continue and slide the lead edge bar onto both glider brackets (into the middle slot) and align the cover perfectly square with the pool wall as shown in picture 4. Then add a #10 x 1/2” screw to hold the vinyl into the lead bar.



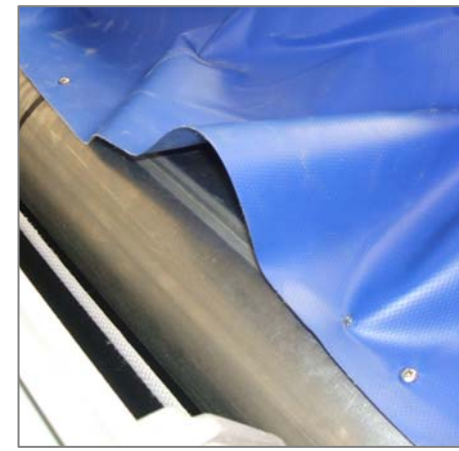
Pull the ropes around the pulleys as shown in picture 1. The rope coming across the back of the box goes thru all 3 pulleys. The motor side rope only goes thru 2 pulleys! Make sure they do not cross. Pull both ropes tight to remove all extra rope from the track and back of the box – keeping the lead bar square to the pool wall. THEN cut the ropes exactly equal with an extra 6 feet for the roll up on the rope reels.



Tie a not at the same point on both ropes and insert them into the appropriate slot on the rope reel. Then wire the motor and key switch as explained in the wiring diagram.



Turn the key to feed the ropes onto the rope reels. **BE CAREFUL! WATCH YOUR FINGERS!** Make sure the cover sides **ARE ALIGNED STRAIGHT** to feed directly into the track. Continue to pull the cover over the pool and **RELEASE THE KEY** when the cover is fully closed, the auto stop is not activated yet.



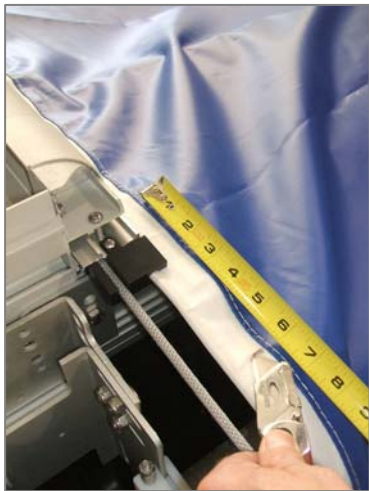
Attach the back of the vinyl to the roll up tube. All #10 x 1/2" screws are put 1" from the tail end of the vinyl into the pre-drilled holes in the tube. Start with one end as if the vinyl was coming straight out of the track; fasten the first screw thru the vinyl and into the first pre-drilled hole.

There will be no extra material between hole #1 and hole #2. Add screw #2 now.

Between hole # 2 and hole #3, there will be 2" of extra vinyl (see picture 4)

**NOW GO TO THE OTHER END OF THE TUBE and REPEAT THE PROCESS** on the first 3 holes in the tube.

Finally, center the remaining extra vinyl equally between holes #3 and 4 on both ends of the tube. Then add the remaining screws to the tube.



Finally, add the magnet to the tail end of the cover's webbing only when **THE COVER IS IN THE CLOSED POSITION**. 6 – 8" back from the guide, cut a slot in the webbing from the vinyl to the rope. Insert the magnet into the webbing and 1" past the center of the guide. This will stop the cover in it's current position. Now open and close the cover as needed. If adjustment is needed, adjust the knot & rope length.  
 Congratulations! You're Done !