

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 Power Touch unit.



Drop the unit 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 Power Touch 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 above) PLUS the track must come 3/4" past the inside of the coping and into the box end. 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. File ends on every piece of track.



Unroll the vinyl from Left to Right. Unravel both ropes. Take the rope and pinch the rope thru the poolside of the track and pull to the end of the track. Next 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 wedge UNDERNEATH the track. This will hold the track in place. Use a rubber mallet for wedge. Continue to pull the rope around the opposite pulley and across the back of the polybox – leaving the rope by the motor end.



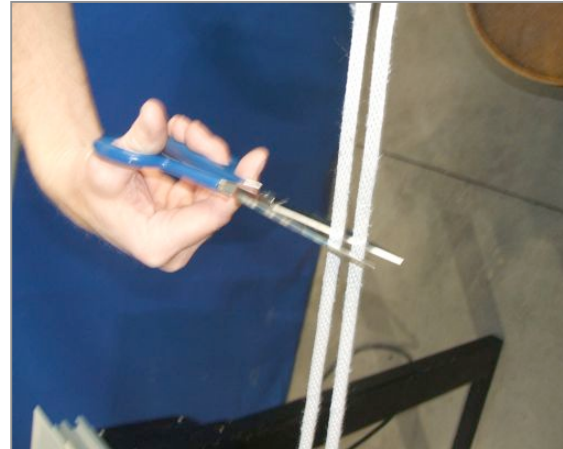
Drill a hole thru the coping and TRACK ONLY. Then bolt the track to the coping. Gently tap the lead edge end caps into both ends of the lead edge. (Patent Pending facing up) Slide the lead edge bar onto the front of the fabric. Pull excess slack into lead edge bar evenly. Then continue to slide the lead edge bar onto both glider brackets (into the middle slot) and align the cover perfectly square with the pool. Note the gliders should already be attached to the fabric. The bolt holding the glider must be installed to the glider bracket.



Make sure it is not too tight. The glider should be able to rotate without much resistance. Firm but not too tight. Gently insert glider into track with fabric. Secure fabric to lead edge bar with #10 x 1/2" screws. Use screw covers to hide heads if desired.



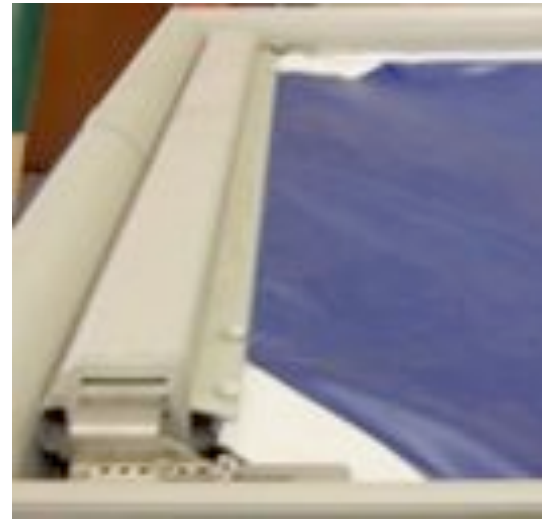
Install stainless guides on end of track. With a 3/16" drill bit, drill thru the guide and into the track. Fasten the guide to the track with the nut/bolt provided. Then slide on positive stop on top of guides. Fasten with bolt and nut provided. This will prevent cover from opening up too far into box.



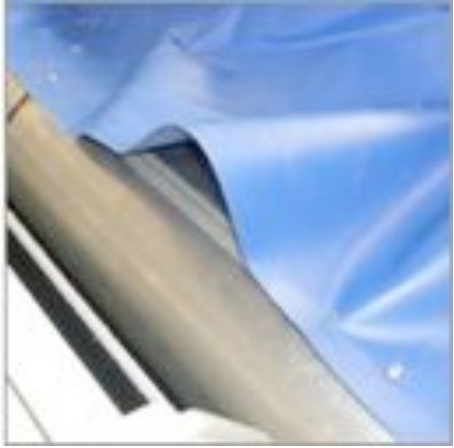
Pull the ropes around the pulleys as shown above. The rope coming across the back of the box goes thru all 3 pulleys. The motor side rope only goes thru 2 pulleys! Make sure they do not cross. Pull both ropes tight to remove all extra rope from the track and back of the box – keeping the lead bar square to the pool wall. THEN cut the ropes exactly equal with an extra 6 feet for the roll up on the rope reels. Never pull cover closed by hand! Let the motor pull the cover closed.



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.



Close the pool cover with the keys witch (assistance may be needed to operate the key switch while guiding the fabric into the track). **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 switch when the cover is fully closed. You should have roughly 3 feet of extra fabric material left on tail end of fabric when cover is closed.



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.



Open and close the cover as needed. If adjustment is needed, adjust the knot & rope length. Reinstall and level lid brackets. Clean out ledge where the flush lid sits and install main lid and lid end. Congratulations! You're Done!