

TOOLS NEEDED

- | | | | |
|-----------------------------------|--|------------------------------|-----------------------------|
| 1. Cordless drill | 2. Hammer drill | 3. Phillips screwdriver | 4. Hammer |
| 5. Hacksaw with 18 tooth blade | 6. 1/2" Round bastard file | 7. Saw (with aluminum blade) | 8. 25' & 100' tape measures |
| 9. Box knife | 10. Scissors | 11. Extension cords | 12. Lighter |
| 13. Wrenches/sockets: 1/2", 9/16" | 14. Bits: 1/4", #2 & #3 Phillips, countersink, 1/4"x 6" & 3/8"x 6" mason | | |

STEP 1: TOP TRACK INSTALLATION

INSTRUCTIONS

1.1 Verify the track space that was ordered for your system. This can be found on all of the packing slips. **Ex. T/W [FT] 20.25 T/L [FT] 43**
The mechanism, main tube, lead edge and cover are based off the ordered track space.

1.2 Determine **TRACK LENGTH**: Measure 1' past the waters edge to the opposite end of the pool and add 2' for overlap.

1.3 Layout the tracks on one side of the pool, insert a track splice, found in kit KA-0150, and cut off any excess track with a hacksaw or circular saw at the recessed housing end. **Make sure to file and countersink all ends of the tracks.**

HINT: Do not cut the track where the splices will meet. It is best to keep the manufactured cuts at the splice.

1.4 If the manufactured holes are cut off after cutting, drill new holes 3" from the splice end. Use a 1/4" drill bit and countersink. File and countersink all ends of the tracks to make sure there are no sharp edges for the rope or webbing to rub on.

1.5 Align the tracks on both sides and measure the distance between the tracks. **This is the edge to edge measurement. Add 1" for the track width.**

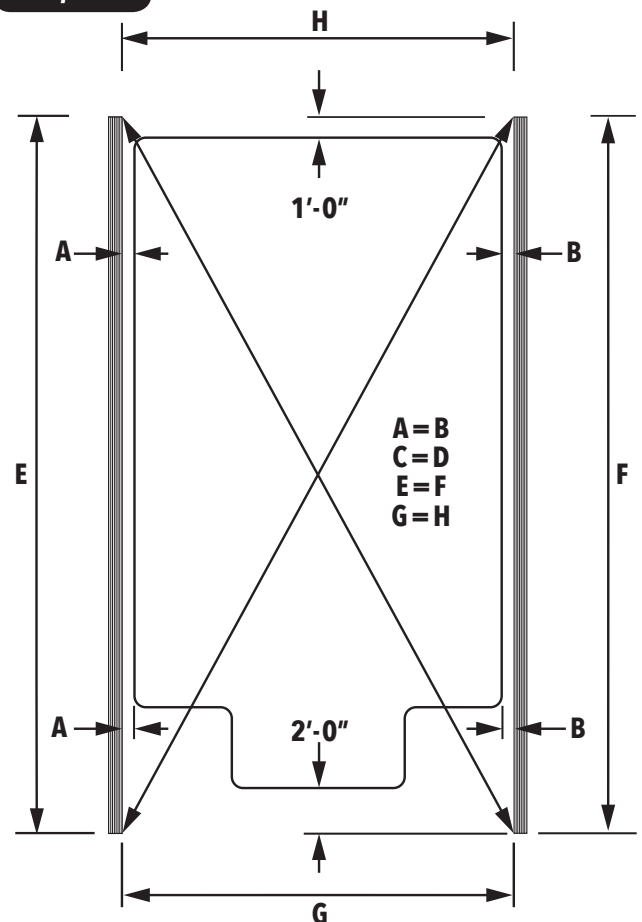
1.6 Place the tracks equal distance from each side of the pool. The track space needs to be the same at the mechanism end, the splice and the opposite end to make sure they are parallel.

1.7 To insure the layout is square, take a diagonal measurement and adjust accordingly.

FOOT DECIMAL TO INCH CONVERSION

Decimal	.08	.17	.25	.33	.42	.50	.58	.67	.75	.83	.92
Inches	1	2	3	4	5	6	7	8	9	10	11

Step 1.7



STEP 2: TOP TRACK INSTALLATION

INSTRUCTIONS

- 2.1 Locate kit KA-0006 and insert each track screw into the red anchors by twisting the track screw into the red anchor.
- 2.2 Starting at the unit end, position a cedar shim under the track. Use a hammer drill with a 1/4" masonry bit and drill through the closest hole 3" deep.
- 2.3 Install a track screws and anchors by tapping it through the track into the deck so that the anchor is flush to the top of the concrete. **Do not tighten down the track screw at this time.**
- 2.4 Make sure the track splice is snug together and walk down to the opposite end and drill the last hole 3" deep.
- 2.5 Install one of the track screws and anchors by tapping it through the track into the deck so that the anchor is flush to the top of the concrete. **Do not tighten down the track screw at this time.**

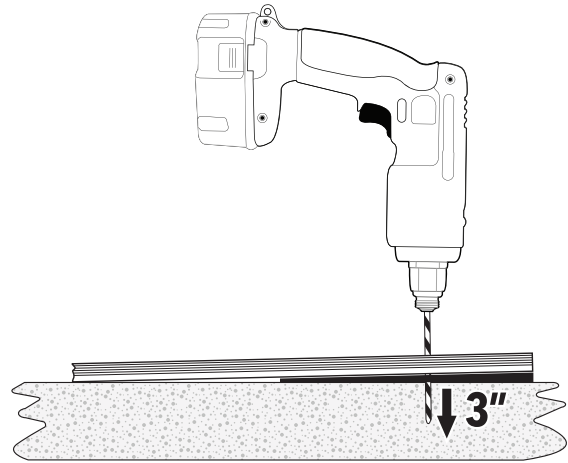
HINT: Stand on the track while drilling to prevent the track from shifting.

- 2.6 To keep the track straight, run a string down the track from one end to the other by using the track screws installed, allowing the rest of the holes in the tracks to line up.
- 2.7 Drill the remaining holes and insert the track screws and anchors. **Do not tighten down the track screw at this time.**
- 2.8 Repeat Steps 2.1 - 2.7 on the opposite side.

NOTE: An angle drill may be necessary to drill holes under a slide.

- 2.9 When all the tracks are drilled and loosely secured with the track screws and anchors, locate the pulley casting assembly in kit KA-0150 and insert the pulley casting assembly in the far end of the pool.
- 2.10 Tap the top of the pulley casting to create a mark in the deck, remove the pulley casting and drill a 1/2" diameter hole 1/2" deep on the mark to recess the pulley nut into the deck.
- 2.11 Repeat the steps 2.9 - 2.10 for the opposite side.

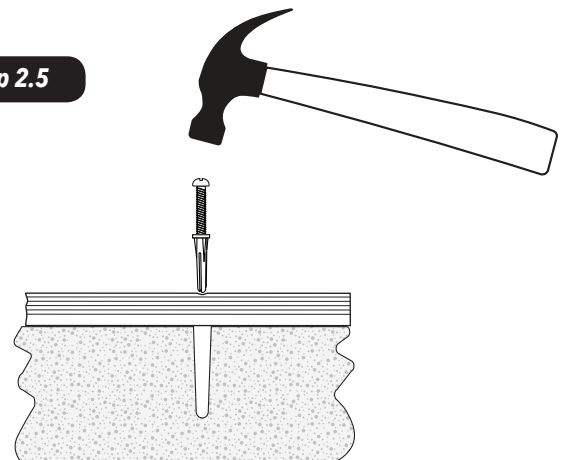
Step 2.1



Step 2.4



Step 2.5



Step 2.10



STEP 3: INSTALLING THE COVER

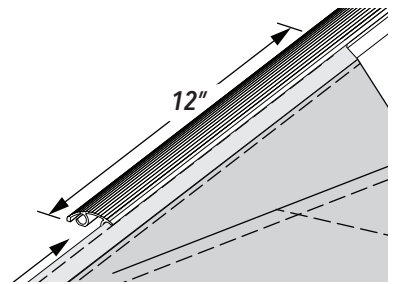
INSTRUCTIONS

- 3.1 Move the cover to the left side of the system. To allow the cover to unroll properly, be sure the label facing the pool water. Carefully remove the wrap.

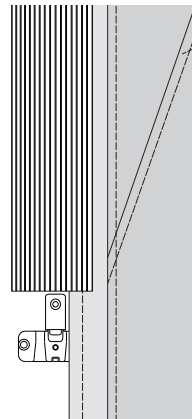
NOTE: Make sure the matte side (smooth side) of the cover is facing upward showing the warning label.

- 3.2 Starting on one side, insert the webbing at the front of the cover about 12".
- 3.3 Locate the bottom half of the guide in kit KA-0150 and position the guide with the rope in one slot and the rope/webbing in the other slot. Slide the bottom half of the guide into the center channel of the track.
- 3.4 Locate the top half of the guide in kit KA-0150 and position it on the bottom half. Mark the center of the hole on the track.
- 3.5 Remove the guide and drill a hole where the mark is on the track with a 5/16" drill bit.
- 3.6 Reinsert the bottom half and top half of the guide to the track and secure the halves together with the button head screw through the guide and flat head screw through the track.
- 3.7 Repeat Steps 3.2 - 3.6 on the opposite side.
- 3.8 Locate the lead edge and slide the front edge of the cover into the lead edge channel. Hold the cover taught and slide the lead edge until it reaches the other end.

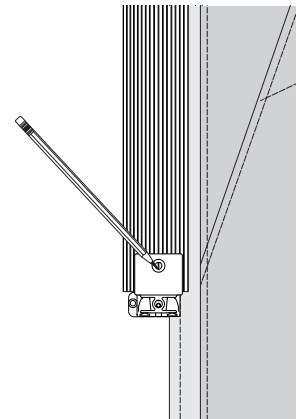
Step 3.2



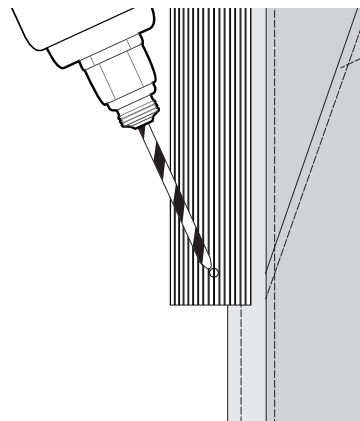
Step 3.3



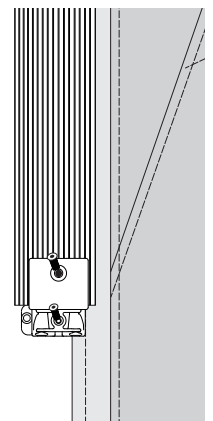
Step 3.4



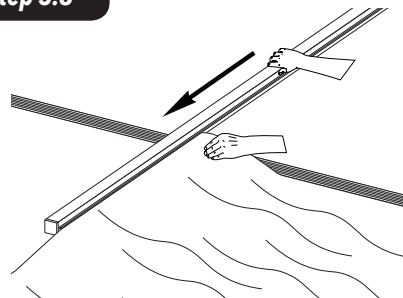
Step 3.5



Step 3.6



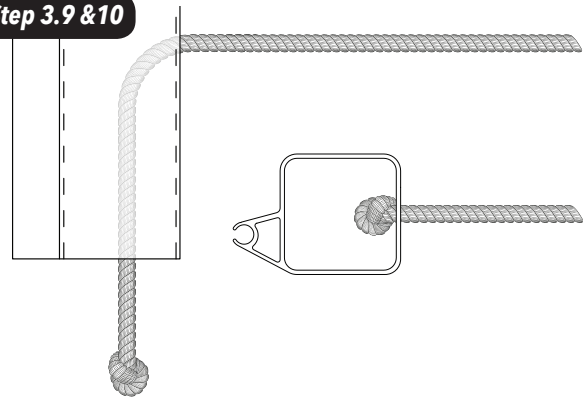
Step 3.8



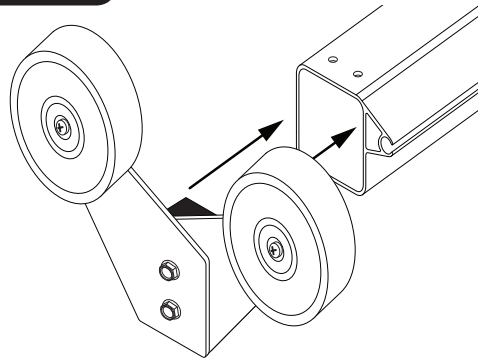
INSTRUCTIONS (CONTINUED)

- 3.9 Locate the 2 long sections of ropes with handles in the small kit box. Insert the end of the rope through the pre-drilled hole in the front of the lead edge on both sides.
- 3.10 Tie a knot at the end of the rope and pull until it bottoms against the inside of the lead edge.
- 3.11 Locate the wheel assembly. Flip the lead edge over and install the wheel assembly on both sides.
- 3.12 Secure wheel assembly with two 1/2" screws in kit KA-0150 through the pre-drilled holes in the lead edge into each wheel assembly.
- 3.13 Flip the lead edge back over and secure the cover with two 1/2" screws, found in kit KA-0150, through the pre-drilled holes in the lead edge channel on both sides. The holes should be centered between the stitched corners of the cover.
- 3.14 Grasp the rope handles and pull the cover closed. If alone, attach the center rope to the existing 2 handles by using the tack hooks to pull the cover closed.

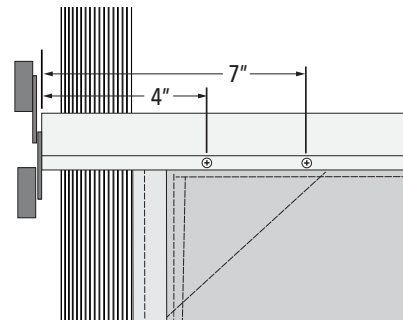
Step 3.9 & 10



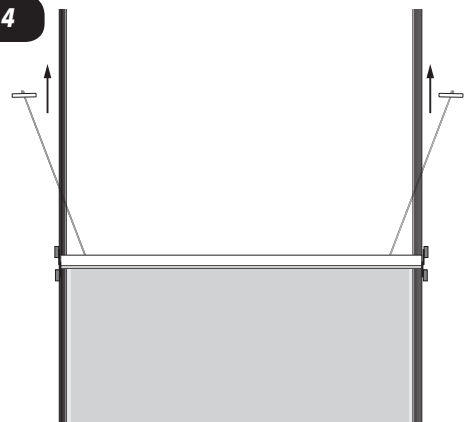
Step 3.11 & 12



Step 3.13



Step 3.14



STEP 4: INSTALLING THE MECHANISM

INSTRUCTIONS

- 4.1 Locate the kit that contains the A-frame and components for the Manual Guard unit.
- 4.2 Assemble the tube, A-frame and cranks with the hardware provided by following the instructions inside the box. Make sure to position the hand cranks 180 degrees from each other.

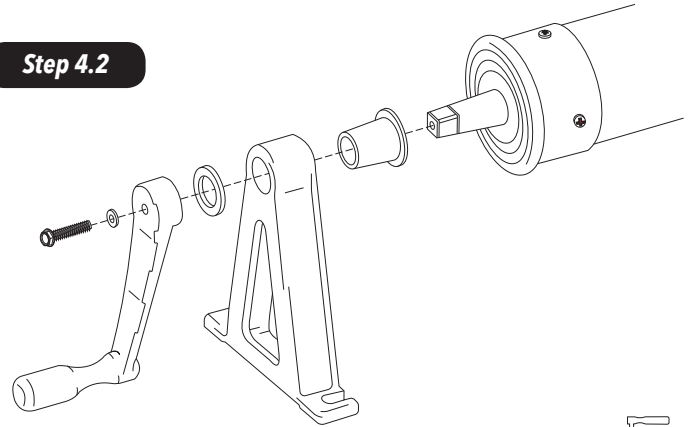
HINT: By applying a marine grade lubricant (not provided) to both the inside and outside of the black bushing may help during operation.

- 4.3 Place the assembled unit into place, 1" behind the track, and center unit with the tracks.
- 4.4 Use a 3/8" masonry bit and drill into the deck 3" deep through the base of the A-frame on each side and secure them with the 3/8" edge anchors found in kit KA-0150 and tighten down the nuts until the washer meets the A-frame base.
- 4.5 Position the tail end of the cover under the tube and attach the cover to the tube accordingly to the diagram provided with 1/2" screws found in kit KA-0150.
- 4.6 Use the handles to open the cover.

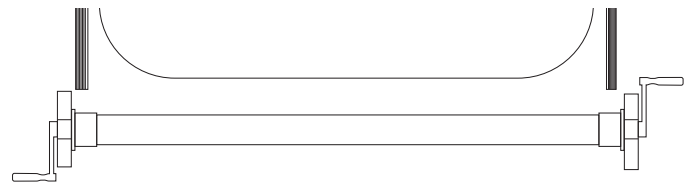
NOTE: Place the pull rope and handles on the front of the cover when opening.

Make sure to put the cover pump on top of the cover when it is in the closed position and not being used.

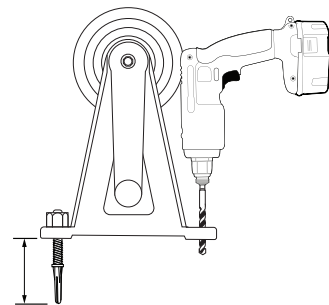
Step 4.2



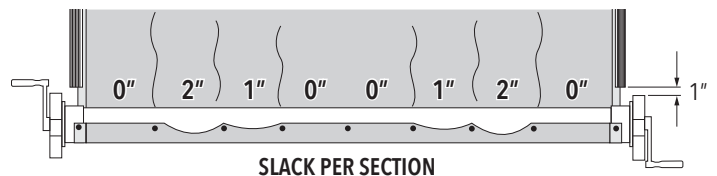
Step 4.3



Step 4.4



Step 4.5



TECHNICAL SUPPORT

If you have any questions about these installation procedures, please contact Technical Support (800) 878-5789 Monday through Friday, 8 am - 5 pm EST.