



## MOTORIZED SCREEN INSTALLATION INSTRUCTIONS

A major advantage of the Dreamscreens motorized screen is the ability to fully install the unit which comes mostly preassembled, plug it in, and make the screen location settings after installation with the remote! It couldn't be simpler! Following are the instructions for installing the unit and attached are the separate instructions for the "Somfy" remote control.

The unit width has been precut to the dimensions specified on your order. All components with the exception of the guide rails are ready to install.

### PARTS LIST:

- 1) Overhead screen unit assembled:



Includes screen tube, screen with screen bars, motor, motor mounting brackets (the motor is mounted per your specification of LH or RH as determined from the outside looking in (OLI)). Housing end caps, LH and RH, one of the end caps has a motor bracket and snap ring preassembled to the end cap. (If you specified a LH door, the motor bracket is mounted on the LH end cap, etc.). The screen housing and housing cover are preassembled and covered with a protective plastic film that must be removed before installing.

- 2) Tracks (2), a LH and RH, with mesh lock fiber installed with #2 x  $\frac{3}{4}$  screws that hold the mesh lock in place on the top of the tracks. The tracks are about 3" longer than required.
- 3) 3 prong electrical plug
- 4) Remote with holder
- 5) (2) "bayonets": legs that fit into the end caps
- 6) Plastic entry guides, LH and RH
- 7) #8x3/8 hex head tech screws for fastening cover to housing
- 8) Instructions- both installation and remote programming

### SUGGESTED TOOLS

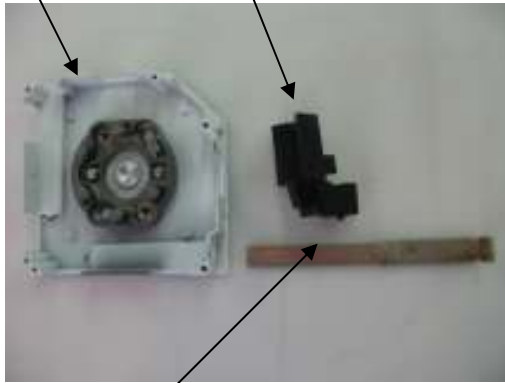
- \* Ladders and/or step stools, one for each end during installation
- \* Hammer drill for concrete or masonry installations (use TAPCON screws for best results)
- \* Level (4 ft or longer)
- \* Mitre saw or Chop saw to cut the tracks to length

### Step 1

Install the "bayonets" to the end caps. Insert the LH and RH plastic entry guides into the bayonets and end caps. You may need a pair of pliers to push the entry guides tightly to the bayonets.

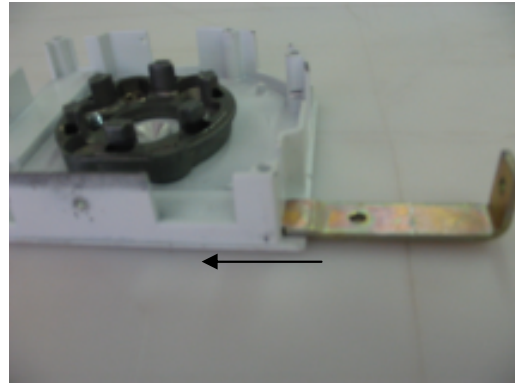
End cap

entry guide

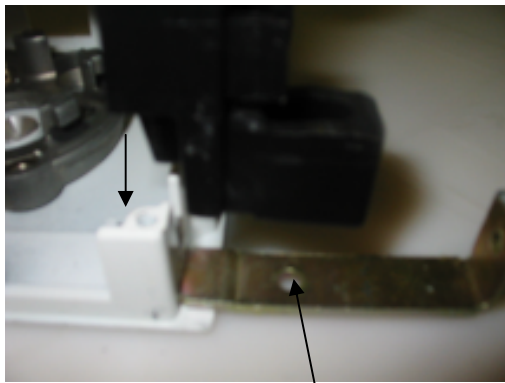


bayonet

assemble bayonet



assemble entry guide



Boss on entry guide lines up with the Hole in the bayonet

flat edge of entry guide towards rear, curved edge towards front of end cap



note the relationship of angled front of the end cap to the bayonet (shown is a RH end cap)

### Step 2

Assemble the end caps with bayonets and entry guides attached, both LH and RH, to the housing using the #8 x 3/8" self-drilling screws provided.

### Step 3

Determine where you will locate the motor cord. If flush mounting, you may need to drill through the jamb and the screen housing for the motor cord. Make sure you allow clearance in the end cap or screen housing for the motor cord. Notch or drill out the cover for cord clearance



#### Step 4

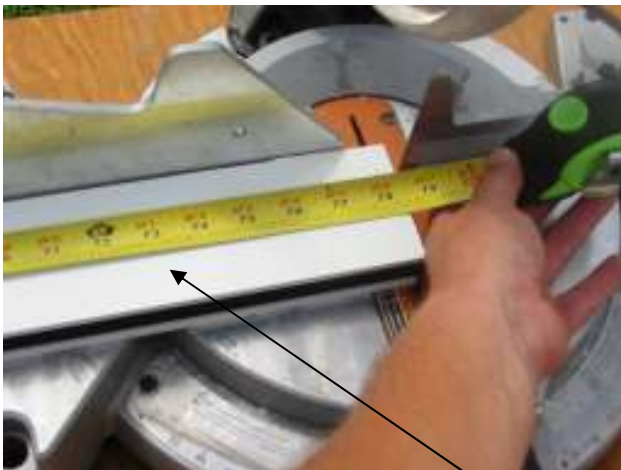
Place the housing and end cap assembly from step 2 into its proper location of where it is to finally to be located. Make sure the housing is level. (If it is not level, the screen may not roll up straight and may cause wrinkles or tears in the screen). Hold or temporarily fasten the end caps in place and measure from the bottom edge of the end cap to the surface that the screen will sit on. The left side may be a different length than the right side.

Measure to bottom edge  
Of end cap



#### Step 5

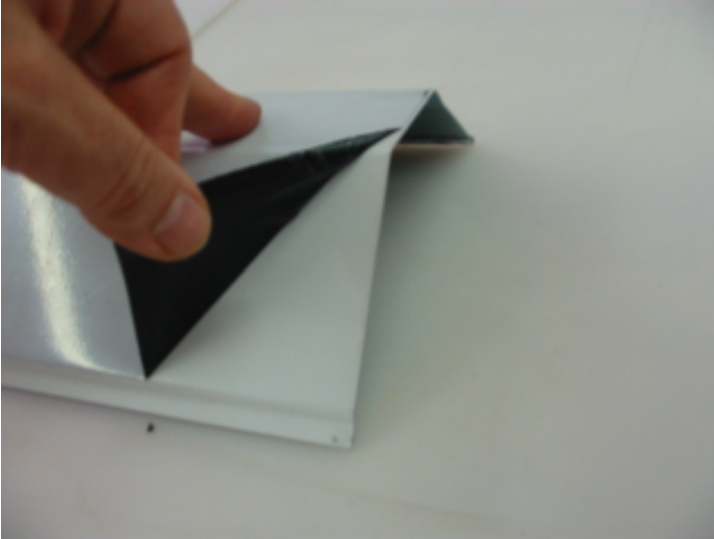
Cut the track lengths to the dimensions measured. Again, the LH track may be a different length than the RH track. There are #2 x 3/4 screws holding the screen lock material in place in each track. **Cut the end without the screws,** use the end with the screws as the top of the track. Also note that there is a small bevel cut on the top front edge of the track. This bevel cut must face the front.



track

**Step 6**

Remove the protective paper wrap from the housing and the housing cover. (You may choose to do this step earlier in the process to save time).



**Step 6**

Assemble the cut-to-length tracks to the housing and end cap assembly. This is most conveniently done in a large area like the yard or driveway. Lift the entire track and housing assembly into position. The tracks will support the unit. Fasten the screen housing to the wall or to the header using hex head tech screws or TAPCON masonry screws through the end caps for flush or inside mounts. Small self-drilling screws are most often used to mount the housing against the header (flush mount) or against the wall (face mount) with screws spaced about 3 to 4 ft apart. This will keep the housing from sagging across wide openings.



### Step 7

Fasten the tracks into position. Use your level to make sure they are plumb. If you've specified the screen as a flush or inside mount, the holes in the guide rails will be predrilled. For a face mount, drill through the width of the track at the section where the bayonet is inserted into the track so that the screws will not interfere with the screen. Screw holes should be about 6" from the top of the tracks (to clear the bayonet) and about 6" to 8" from the bottom and about 3 1/2 ft between holes.

### Step 8

Insert the screen and tube assembly into the housing by sliding the spring loaded bearing against the side of the end cap and then snapping the motor end into place.



Pivot the motor end of the screen assembly into place and be sure that the motor cord is flush with the face of the motor end cap before trying to insert the motor end into the motor bracket. Line up the motor with the motor bracket until the grooves for the wire clip line up. After the motor end is installed, install the wire clip.

### Feed wire thru notch

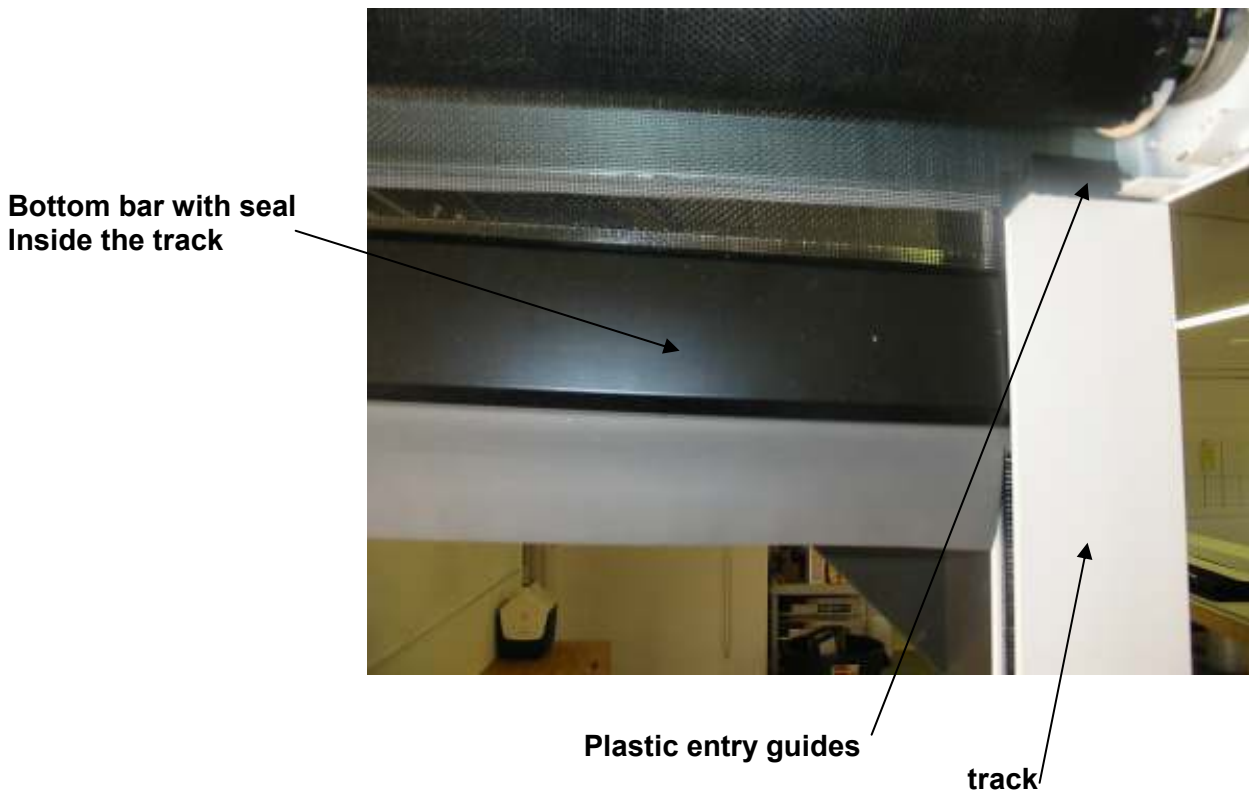


### line up motor & motor bracket



**Step 9**

Slide the bottom bar with bottom seal into the plastic guides and track on both sides. If the screen bar and screen is not in the guide rails, it can be inserted by lowering the screen during the programming of the motor and then tilting the bar at an angle and inserting it into the guide rail.



**Step 10**

Attach the plug to the end of the wire and plug in the motor cord and adjust the height settings using the Dreamscreens Remote Programming instructions as a guide.

**Step 11**

Trim the edges of the rubber bottom seal with a razor knife. Remove the sides of the seal where it rides inside of the track. It is easily trimmed by lifting the bottom rail out of the track, one side at a time, then trim the seal. If it isn't trimmed, the seal may tend to hang up in the track.



### Step 11

Install the housing cover into the groove of the housing and fasten in place. Use #8 x 3/8" hex head tech screws for easiest installation



### NOTE: FOR MULTIPLE SCREEN INSTALLATIONS

Each screen motor must be wired separately with a separate plug or an in-line on-off switch so that the motors can be programmed individually.

If there are screen wrinkles from packing, they can be removed with a hair dryer.

## PROGRAMMING THE SOMFY REMOTE

- 1) Provide power to the motor
- 2) Press the UP and DOWN buttons at the same time until the motor jogs up and down, then release the buttons.
- 3) Check the direction of operation. If the motor goes up when you press the down button, press the STOP button until the motor jogs, then release.
- 4) First, set the upper limit by jogging to the upper location, then press the STOP and DOWN button at the same time until the motor is moving, then release. When the screen gets to the lower position press STOP.
- 5) Set the bottom limit by jogging UP or DOWN until you've found your bottom limit. Then press the STOP and UP buttons at the same time until the motor is moving up, then release the buttons. The motor will stop at the upper limit by itself.
- 6) Press and hold the STOP button until the motor jogs up and down, then release.
- 7) Press the button on the back of the remote (using a ball point pen or pointed object) until the motor jogs up and down, then release.

YOU'VE FINISHED!

## PROGRAMMING A SECOND REMOTE

- 1) Press the button on the back of the already programmed remote until the motor jogs, then release.
- 2) Press the button on the back of the new remote until the motor jogs, then release.

## RESETTING THE MOTOR

- 1) Perform a double power cut: Unplug for 2 seconds, plug in for 10 seconds, unplug for 2 seconds, plug in. The motor will move in one direction by itself for 3 to 5 seconds, wait until the motor stops. You must reprogram within 2 minutes of the power cut.
- 2) Program the remote

## RESETTING TOP / BOTTOM LIMITS

- 1) Let the motor run to its current top limit. To reset, press and hold the UP and DOWN buttons at the same time until the motor jogs.
- 2) Reset the top limit to its new location.
- 3) Press and hold the STOP button until the motor jogs
- 4) Let the motor run to its current bottom limit. Repeat the same steps that were used for the top limit.

### **NOTE: FOR MULTIPLE SCREEN INSTALLATIONS**

**Each screen motor must be wired separately with a separate plug or an in-line on-off switch so that the motors can be programmed individually.**

***If all else fails you may call Mike Grady @ SOMFY, the motor manufacturer at 877-227-6639 who can help you solve any programming problem!***