



# Single Panel WALL SCREEN

## OWNER'S GUIDE AND INSTALLATION INSTRUCTIONS SINGLE PANEL RETRACTABLE WALL SCREEN

Thank you for choosing the LARSON Single Panel Retractable Wall Screen. These instructions describe installation on a large opening patio door. However, the screen can also be installed on various other types of doors, windows, and other openings. For help installing, please contact us or visit [www.LARSONdoors.com](http://www.LARSONdoors.com)

Please read the complete installation instructions before proceeding.

### INSTALLATION TOOLS

**Power Screw Driver**  
**Long Phillips Bit**  
**2mm Allen Wrench (Provided)**  
**Tape Measure**  
**Flat Head Screw driver**

**Square**  
**Pencil**  
**Scissors**  
**Flashlight (Recommended)**  
**Step Ladder (Recommended)**

**Appropriate Personal Protective Equipment**



Installation Questions?  
 Replacement Parts?

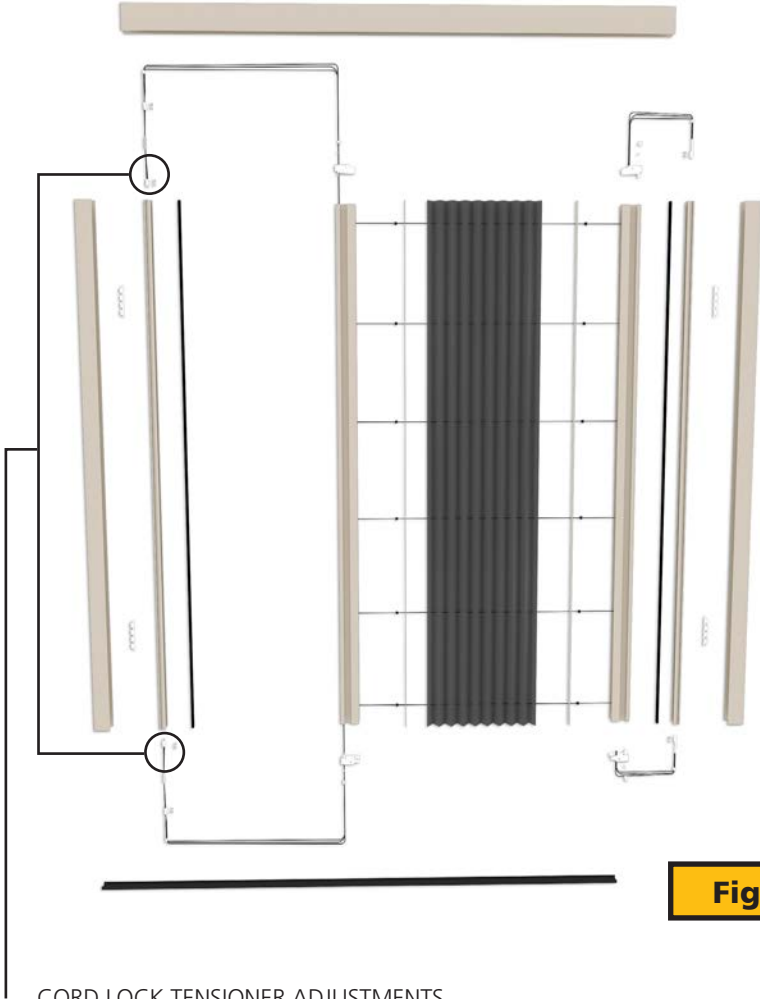
**WE CAN ASSIST YOU.**  
**888-483-3768**



# Single Panel WALL SCREEN

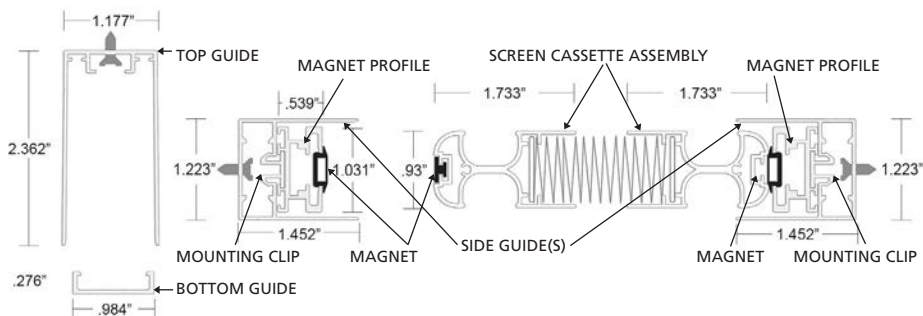
## INTRODUCTION

The LARSON pleated retractable wall screen arrives pre-fabricated for the exact net screen opening dimensions that you have provided.



### CORD LOCK TENSIONER ADJUSTMENTS

(MUST ADJUST AT STEP 4. ALWAYS ADJUST THE CORD LOCK IN EQUAL INCREMENTS AND NEVER MAKE THE CORDS TIGHT – SEE STEP 4 AND FIG. K & L)



# 1 STEP

Before beginning ensure the opening is plumb. Level and square and that the bottom sill has a flat, stable and smooth mounting surface. The screen must be inset (recess) mounted and a depth of at least 1-3/16" is required. If a framework does not already exist to inset (recess) mount the screen within then you will need to create this using decorative trim or brick molding. Keep in mind that the screen can be installed on either the exterior or interior of the opening.

Begin by locating the SIDES GUIDES and install these one on each side of the opening using the screws provided [see Figure B]. Install the TOP GUIDE by centering it in the opening, tucking each end inside of the SIDE GUIDES and securing it with the screws provided. Note: For a wider opening the Top and Bottom Guides may come in 2 pieces. If the guides are supplied in 2 pieces then center the ends of the 2 pieces and make the joint as flush as possible before securing with screws. If desired apply a small section of clear packing tape across the inside of the Top Guide to prevent any clicking as the screen Pull Bar encounters to center joint.



**Figure B**

**Figure C**



## 2 STEP 2

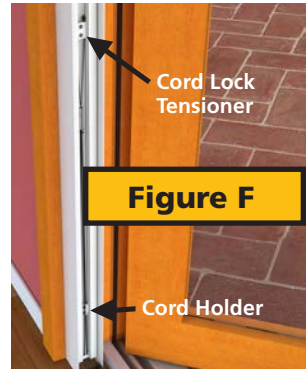
Check to ensure that the bottom area where the BOTTOM GUIDE will rest is a solid, flat and level surface and completely supported from the bottom. If necessary, create a flat, smooth and level surface by using a flat aluminum extrusion or other material before you install the BOTTOM GUIDE. Keep in mind that 1-3/16" or more of mounting depth is required. Locate the BOTTOM GUIDE and reveal a short piece of the special ADHESIVE TAPE on the bottom. Position the BOTTOM GUIDE so that it is centered in the opening with the ends of the BOTTOM GUIDE ARE tucked just inside of the SIDE GUIDES. Be aware that the Adhesive Tape is very sticky so use care to position is correctly the first time. Peel back an inch or so of the protective covering at each end of the BOTTOM GUIDE then remove the protective covering from the ADHESIVE TAPE and stick the BOTTOM GUIDE to the sill [Figure C].

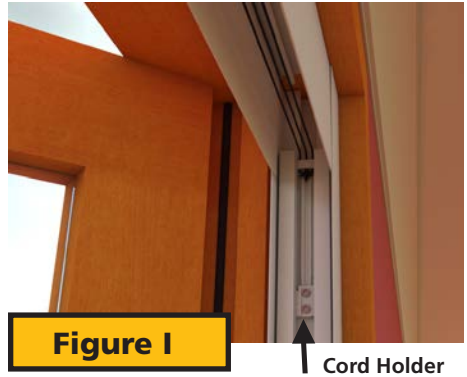
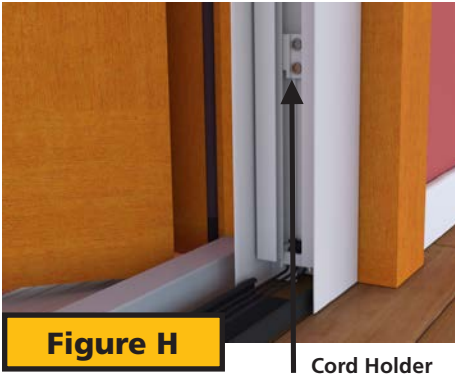
## 3 STEP 3

The SCREEN CASSETTE ASSEMBLY with each of the SIDE GUIDES, MAGNET PROFILES AND MAGNETS have been pre-sized. The CASSETTE ASSEMBLY AND MAGNET PROFILES arrive packaged in tandem. During STEP 3 do NOT to open the SCREEN CASSETTE and expose the screen fabric. Position the SCREEN CASSETTE ASSEMBLY with the MAGNET PROFILES to the left side of the opening. Grasp the right MAGNET PROFILE and gently pull it to the right side of the opening. Using great care to be sure that none of the cables are tangles, twisted or pass over another cable, position the Magnet Profile into the aluminum Side Guide and apply pressure until it snaps onto the Recess Mount Clips. Repeat this step for the left side while again using care to be sure that none of the cables are tangles, twisted or pass over another cable [Figure D-I].

You will need to adjust the CORD LOCK TENSIONER [Figure K & L] by loosening the screws in both the upper and lower CORD LOCK and the adjusting these in equal increments just enough so that the cords have some slight tension. Do not over tension!

**Attention: Take care not to twist or tangle the cords! Always apply any adjustments to the Cord Tensioners in equal increments and DO NOT over tension the cords!**



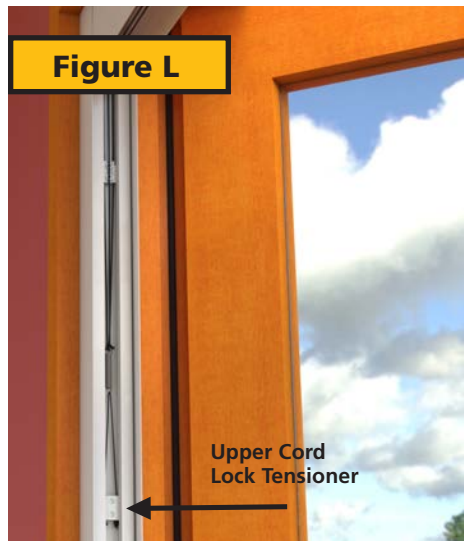


## 4 STEP 4

Test the operation of the screen [see Figure J]. Now gently open the SCREEN CASSETTE and operate the screen. During the first operation of the screen use your fingers to gently separate the folds of the screen fabric.

If needed you may slightly increase or decrease the tension of the cords to help sliding by adjusting the CORD LOCK TENSIONER adjustments [Figure K and L]. The cords should not be over tensioned or made tight. Too much tension will cause the screen to operate poorly and can damage the cords. When adjusting the tension always do it uniformly using both CORD LOCK TENSIONER ADJUSTMENTS. If desired lubricate the inside of the TOP & BOTTOM GUIDE using silicone spray to improve sliding. If after adjusting the CORD LOCK TENSIONERS it is noticed that any of the individual cable are slack then refer to the adjustment and adjustment guide on the last page of these instructions.

Now take the MAGNETIC STRIPS and push them into the receiving groove of the MAGNET PROFILE [Figure J & Components Drawing on page 2] and snap the Magnet Profile into position.





**Figure J**

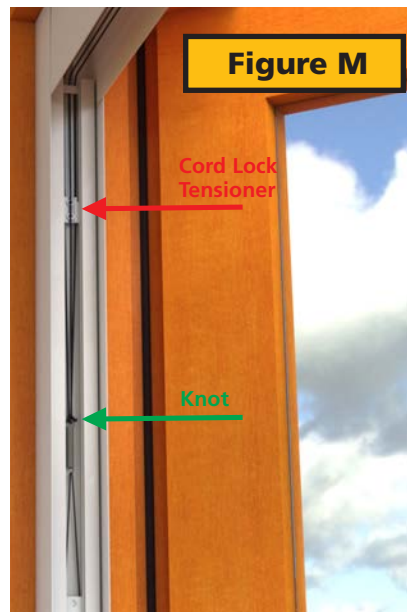
## ADJUSTMENTS

### Issue

1. One or more cables droop down from the top guide or one or more cables are slack in the bottom guide
2. If one or both of the Pull Bars is tilted
3. If the opening is narrower than originally planned and you have shortened the Top and Bottom Guide Rails or, for other extreme circumstances

### Resolution

Remove the Magnet Profile to reveal the Cord Holder and Cord Lock Tensioner. Loosen the Allen Head set screws on the CORD LOCK TENSIONER adjustment(s) to release some tension [Figure K & L]. To adjust the top cables adjust the top tensioner adjustment and to adjust the bottom cables adjust the bottom tensioner adjustment. Untie the knot shown in this image (Figure M) and gently pull the cable(s) that exhibit any slack until the slack is gone. Retie the knot and re-tension the cables using the CORD LOCK TENSIONER adjustments in equal increments and then tighten the Allen Head set screws. Now snap the Magnet Profile back into position and once again test the screen.



**Figure M**

**FOR TECHNICAL ASSISTANCE  
PLEASE CALL LARSON  
CUSTOMER CARE AT  
888-483-3768**

## WARRANTY

### RETRACTABLE SCREEN WARRANTY LARSON MANUFACTURING COMPANY RETRACTABLE SCREEN LIMITED FIVE YEAR WARRANTY

The five year limited warranty applies to the original purchaser of owner occupied homes and covers mechanical components excluding screen fabrics. LARSON warrants the cassette, mounting rails and latch to be free from defects in manufacturing, materials, paint adhesion or workmanship, under normal use, for the period stated above.

Fading is only covered by this warranty during the first year. In order to obtain performance under this limited warranty, the original owner shall notify LARSON with proof of purchase. The obligations of this warranty will be completed within ninety (90) days after notice of a defect or malfunction has been furnished directly to LARSON.

The following are limitations and exclusions from the warranty:

- If usage, adaptation, or installation are not in accordance with LARSON installation and operation instructions.
- If the products have been used to perform functions they were not designed to perform.
- Damage due to acts of nature, abuse, or misuse.
- Damage including tears to the screen are not covered under warranty.
- Acts of nature including wind damage and flooding are not covered under warranty.
- Damages resulting from improper installation or misuse are not covered under the warranty.
- Labor cost, reinstallation fees are not covered under warranty.
- Water damage due to lack of rain diversion or structural overhang is not covered under warranty.
- Certain coastal applications, chemicals or airborne pollutants such as salt or acid rain are not covered under warranty.
- Your exclusive remedy is limited to the repair and replacement of the defective product.

Upon receipt of goods ordered, please examine for proper models, size, and colors. LARSON will replace products if a manufacturing or shipment error is made.

**FOR WARRANTY ASSISTANCE PLEASE CALL:**

**1-888-483-3768**

The following information is necessary to process your warranty:

1. Registration Number
2. Proof of Purchase