

### Series 7500 Installation Instructions (For Surface Mount Doors)



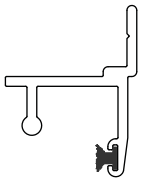
Partially Assembled Unit

**TOOLS REQUIRED:**

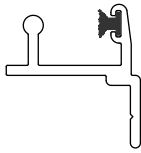
- Tape Measure
- Standard Screwdriver
- Phillips Head Screwdriver
- Drill Motor
- 1/8" Drill Bit
- 3/16" Drill Bit
- Hack or Chop Saw
- Framing Square
- Level

**IMPORTANT:  
REVIEW ALL INSTRUCTIONS  
THOROUGHLY  
BEFORE STARTING STEP 1**

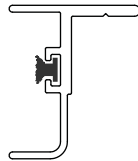
**PARTS INCLUDED:**



Head Track  
#R6046



Sill Track  
#R6041



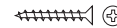
Closer  
#R6052



Handle Set  
# R7467XX



#4 Lock  
Nut



Flat Head Screws  
#6 x 3/4"  
#6 x 3/8"



Pan Head Screws  
#4-40 x 1/2"  
#8 x 1"

## Step 1

### Fabricate / Verify Part Lengths Required

**Note:**

- Assembled Roll-Away® Screens have already been cut to size. Verify cut size below and proceed to Step 2

Closer (#R6051)  
Opening Height minus 1-1/8"

Track (#R6041 & #R6046)  
Opening Width minus 3-1/8"

- For K.D. "Kit" Roll-Away® Screens, please refer to Page 1 of the **Fabrication Instructions**.

## Step 2

### Install Housing/Hinge

Drill three (3) 3/16" clearance holes in the housing hinge, one approximately 2" from each end, one approximately in the middle. Locate the holes using the groove in the hinge flange (Figure 1). Note: These hole locations may be pre-drilled from the factory.

Carefully, making sure not to damage the screen, install the Housing Hinge against the stop in the jamb using three (3) #8 x 1" pan-head screws provided. The hinge should extend past the opening 1/2" on both the header and sill.

A #6 x 3/8 pan head screw has been installed to lock the hinge to the housing.

Place the hinge against the jamb as shown (Figure 2) and screw it into place. Make sure the housing is fully seated on the hinge.

Screw Hole Groove

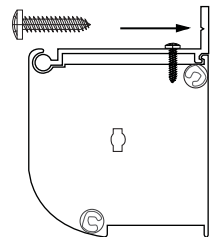


Figure 1

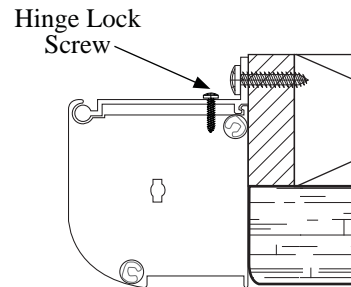


Figure 2

### Install Head & Sill Tracks

Drill three (3) 3/16" holes in each track, one approximately 2" from each end, one approximately in the middle. Locate the holes using the groove in the track flange (Figure 3). Note: Holes may be pre-drilled from the factory.

Insert the head track into the drawbar roller guide and slide it into the pocket in the housing end cap. Carefully align the track with the housing, using a framing square (Figure 4) to insure accuracy. Make sure the track is fully seated in the housing end cap pocket (Figure 5) and attach the track to the opening using the #8 x 1 pan head screws provided. Repeat this process for the sill track (Figure 6).

Screw Hole Groove

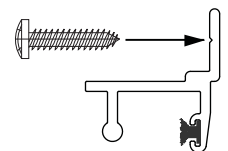


Figure 3

**NOTE: It is the responsibility of the installer to insure the installation screws are firmly fastened surrounding frame. R. Lang Company makes no implication that the screws provided are suitable for every application, and will not be responsible for damage, poor operation, or failure that result from improper installation.**

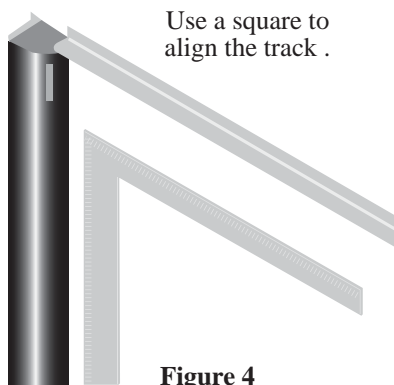


Figure 4

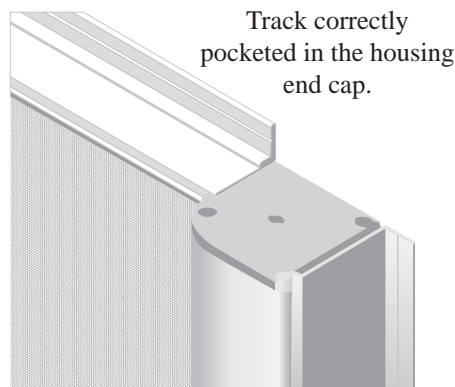


Figure 5

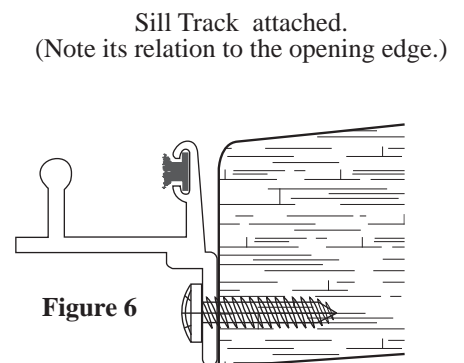


Figure 6

### Step 4

### Install Closer

Drill three (3) 3/16" holes in the closer (#R6051), two approximately 4" from each end, one approximately in the middle using the groove in the closer flange (Figure 7). Note: Holes may be pre-drilled from the factory. The closer is designed to pocket the tracks. It may be installed without modifying the tracks, leaving a small gap. For a flush fit, the tracks may require a slight radius trimmed on them with a file as shown (Figure 8).

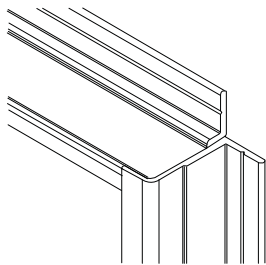


Figure 9

Install Closer over the ends of the tracks (Figure 9) using #8 x 1" pan head screws provided, on the jamb opposite the housing (Figure 10).

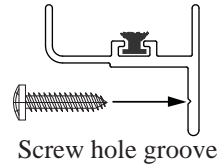


Figure 7

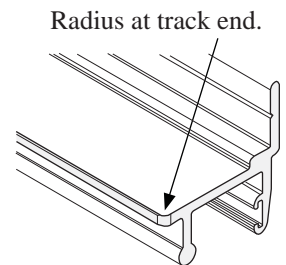


Figure 8

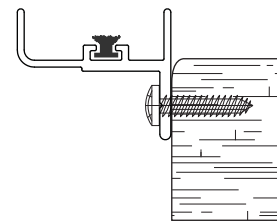


Figure 10

Installed Closer.

*Note its relation to the opening edge.*

### Step 5

### Install Handles

Set the inside handle in the desired location on the drawbar, insuring clearance for the main door handle/knob, mark the screw hole locations. Using a 3/32" drill bit, drill two holes and secure the handle to the drawbar using #8 x 3/4 flat head screws. Repeat for the outside handle.

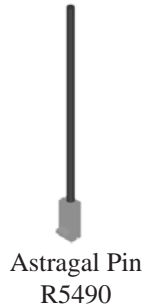
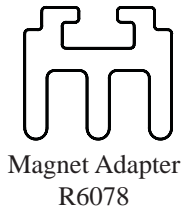
### Installation Complete

Make sure all components are properly installed. Check the overall operation of the door. Drawbar guides should move freely over both the bottom and top tracks and connect squarely with the closer. If properly installed, the door will want to return to the housing quickly after breaking contact with the magnet.

## French Door Instructions

### Amendments To Installation Instructions For French Door Opening

#### ADDITIONAL PARTS INCLUDED:



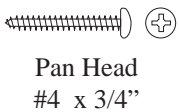
**Step 1**

(See Page 1 for Step 1)

**Step 2**

#### Install Housing / Hinge

Install both Housing/hinge assemblies in the jambs directly opposite of each other. The R6078 magnet adapter with magnet is installed on the active door drawbar.



**Step 3**

#### Inactive Door

The astragal with the R5490 astragal pins installed will be the inactive door.

**Steps 4**

#### Install Head Track

Both doors in a French set will travel along the same tracks. Locate the Head Track (R6046) and feed it on to the top roller guide of the inactive door. Now take the opposite end of the Head Track and align it into the Housing end cap notch on the active door (See Figure 5 on Page 2). The Head Track on the inactive side should now be in the housing notch location. Fasten the Track to the header using the #8 x 1" flat head screws provided.

**Steps 5**

#### Install Bottom Sill Track

Repeat Step 4 for installing the Sill Track. After this step the drawbar and screen for the inactive door will operate on the track. The active door will not.

**Step 6**

#### "Snapping" in the Active Door

**Carefully...** and while making sure the screen is properly guided within the top and bottom tracks, pull on the center of the drawbar until approximately two (2) feet of screen is exposed. Line up the top drawbar guide with the top track, and the bottom drawbar guide with the bottom track (*this will require the drawbar to be at a slight angle*) and "snap" into place (Figure 12). Allow the screen to retract back into the housing. Test for smooth operation.

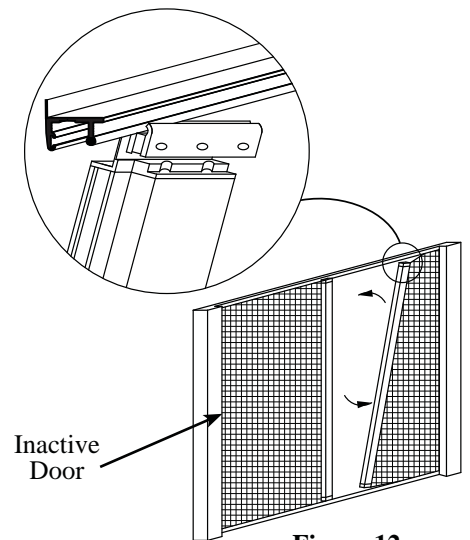


Figure 12

**Note: It is necessary to keep the drawbar guides aligned with the tracks during this process to prevent damage to the guide assemblies!**

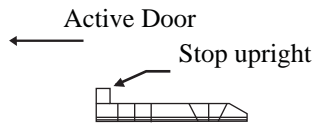
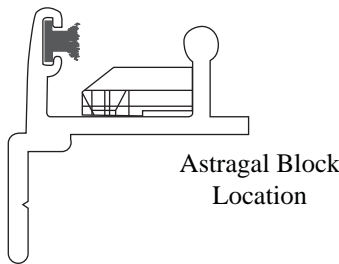
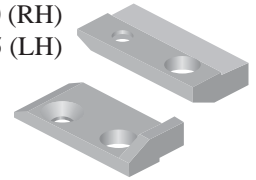
### Step 7

#### Install Astragal Stops

Install Astragal Stops (#R6490/R6495) into head and sill track. Fasten using one (1) #4-40 x 1/2" pan head screw with nut through hole and into track. The astragal blocks are keyed on the bottom to fit in the screw groove in the track, and the stop upright will point at the operable door. Make sure stops are evenly placed, top and bottom, and hold stationary door in required position. The stop upright should be placed at that position in the track. Operable door should easily open and close, latching at the stationary door when required. If more depth for the astragal pins are desired, a 7/32" drill bit can be used to drill through the astragal stops into the track. Be careful here, that this process does not compromise the integrity of the building structure or weather barrier. R. Lang Company will not be responsible for any damage as a result of improper application of this process.

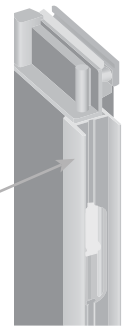
R6490 (RH)

R6495 (LH)



Drawbar with Astragal Pin.

(Pin is in Slot in Drawbar)



### Step 8

#### Install Handles

The handle set can be positioned as desired. Set the inside handle in the desired location on the drawbar, insuring clearance for the main door handle/knob, mark the screw hole locations. Using a 3/32" drill, drill two holes and secure the handle to the drawbar using #6 x 3/4 flat head screws. Repeat for the outside handle.

#### Installation Complete

Make sure all components are properly installed. Check the overall operation of the door. Drawbar guides should move freely over both the bottom and top tracks and connect squarely with the closer. If properly installed, the door will want to return to the housing quickly after breaking contact with strike.

## WARRANTY

### Roll-Away® LIMITED WARRANTY

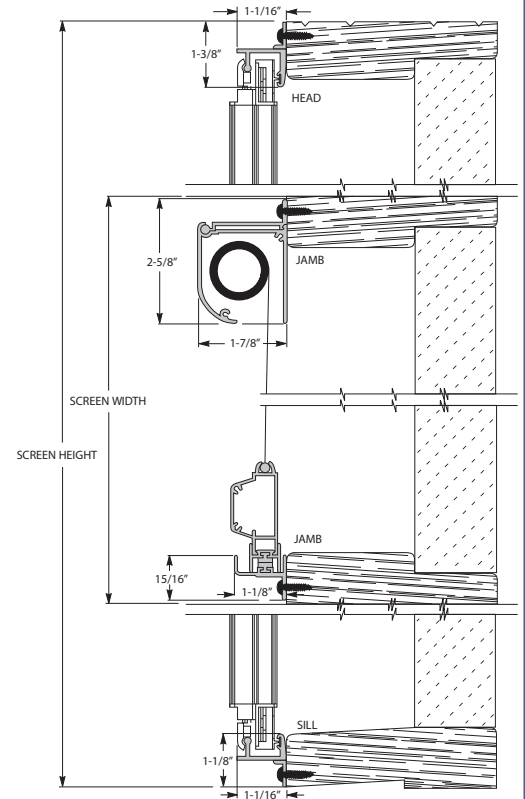
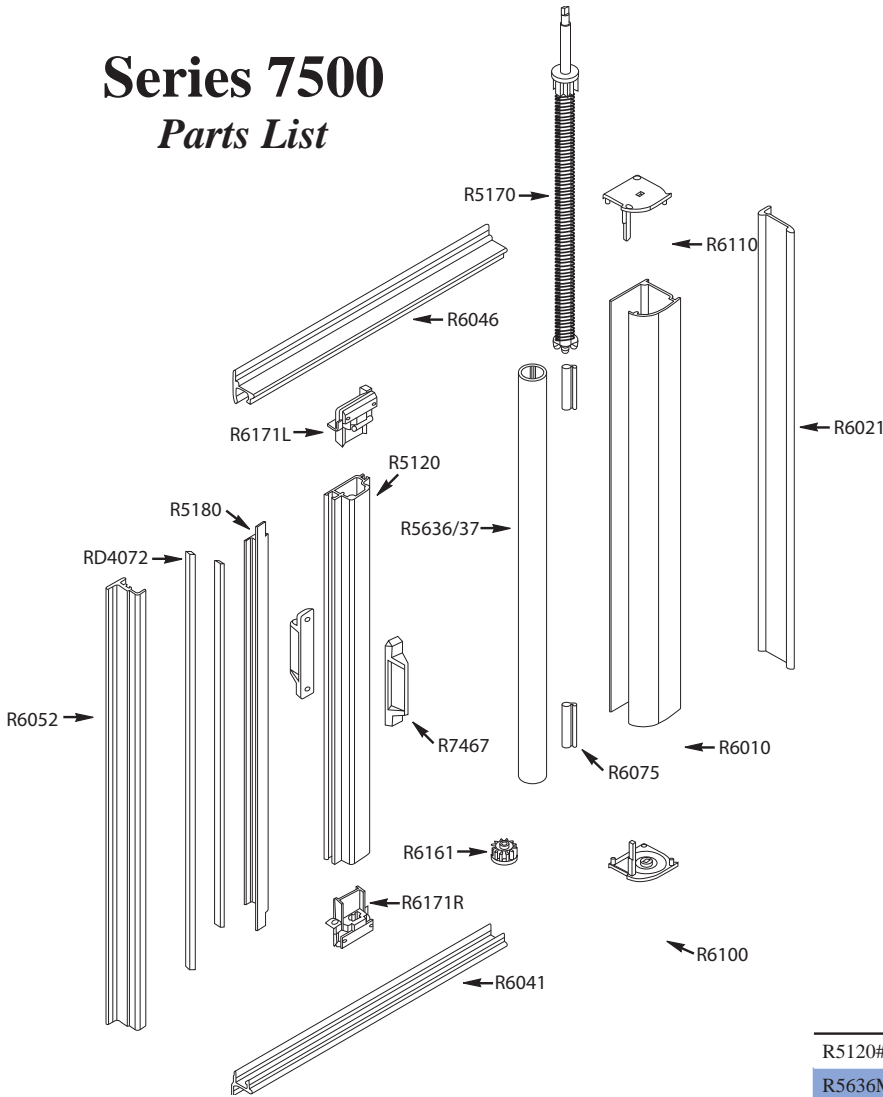
To the original purchaser, R. Lang Company warrants this product and its components parts to be free of defects on materials and workmanship for a period of one year from the date of purchase.

Damage caused by accident, improper installation or abuse, is specifically excluded from this warranty. Manufacturer's liability on any claim shall not exceed the cost of the product. In no instance shall manufacturer be responsible for consequential damage from the use of this product, including damage to existing door during installation or operation.

For a period of one (1) year from the date of purchase, any defective product or part may be sent, freight prepaid, to R. Lang Company, 8240 West Doe Avenue, Visalia, California (93291) for replacement or repair at no charge. Proof of purchase date and a pre-approved Return Materials Authorization must accompany any returned item. For further information about this warranty, write to Consumer Affairs Manager at R. Lang Company.

This warranty replaces any and all previous warranties, either written, oral, or implied, and is the only warranty made on this product by the R. Lang Company. This warranty gives you specific legal rights. Rights may vary from state to state.

# Series 7500 Parts List



## Series 7500 Surface Mount Parts List

R5120##	Drawbar
R5636MF	Tube with Screen 82"
R5637MF	Tube with Screen 96"
R5170	Spring Roller Assembly
R5180##	Astragal
R6052##	Surface Mount Closer Jamb
R6010##	Housing
R6021##	Surface Mount Closer Jamb
R6041##	Sill Track
R6046##	Head Track
R6075	PVC Cushion
R6110BL/WH	Housing End Cap - LH
R6100BL/WH	Housing End Cap - RH
R6161BL/WH	Bushing with Pin
R6171(BL/WH)L	Drawbar End Cap Assembly - LH
R6171(BL/WH)R	Drawbar End Cap Assembly - RH
R7467BL/WH	Pull Handle
RD4072	Magnet

## - Door color

[www.rollaway.com](http://www.rollaway.com)

