

R6000 Series Installation Instructions (For Inside Mount Doors)

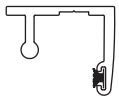


TOOLS REQUIRED:

- Tape Measure
- Standard Screwdriver
- Phillips Head Screwdriver
- Drill Motor
- 3/32" Drill Bit
- 1/8" Drill Bit
- 3/16" Drill Bit
- Hack or Chop Saw
- Framing Square
- Level

IMPORTANT:
REVIEW ALL INSTRUCTIONS
THOROUGHLY
BEFORE STARTING STEP 1

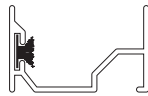
PARTS INCLUDED:



Head Track
#R6047



Sill Track
#R6040



Closer
#R8025



Strike
#D2160



Flat Head Screws
#6 x 3/4"
#6 x 1"



Pan Head Screws
#4 x 3/4"

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 (#R8025)

Opening Height minus 1/16"

Track (#R6040 & #R6047)

Opening Width minus 2-1/8"

Hinge/Housing assembly opening height minus 1/16".

- 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" holes in the housing hinge, one approximately 2" from each end. One approximately in the middle. Locate the holes using the screw groove in the hinge (Figure 1). Note: 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) #6 x 1" flat-head screws provided (Figure 2). Butt the hinge against the stop in the jamb as shown, and screw it into place.

Rotate the housing to its closed position. Snap the housing onto the hinge. Make sure the housing is fully seated on the hinge (Figure 3).

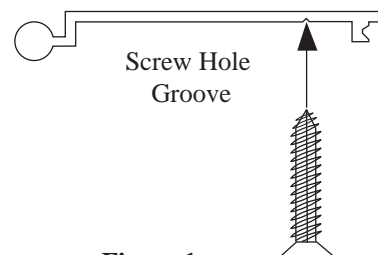


Figure 1

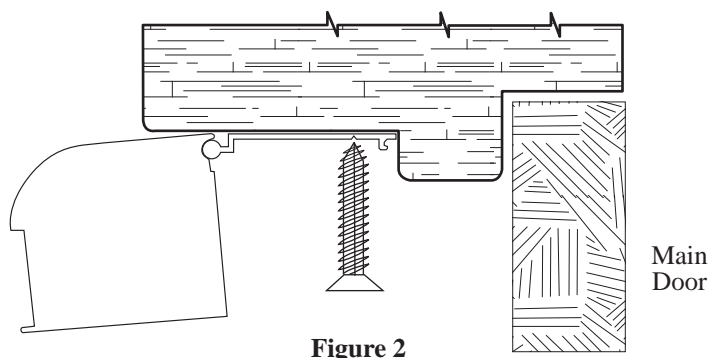


Figure 2

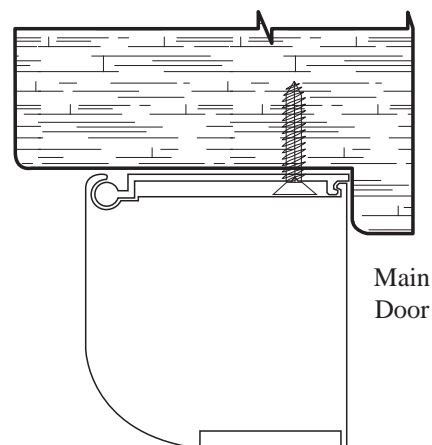


Figure 3

Step 3

Drill two (2) 3/16" holes in the closer (#R8025), approximately 4" from each end, using the mounting screw groove. (Figure 4). Note: Hole locations may be pre-drilled from the factory. Install the closer using #6 x 1" flat head screws provided in the same position the hinge was installed, in the opposite jamb. Proper positioning of the closer is indicated by the weather-strip towards the door stop and main door (Figure 5). This must be on the same side as the flat of the housing. The closer is notched on both ends to accept the head and still tracks.

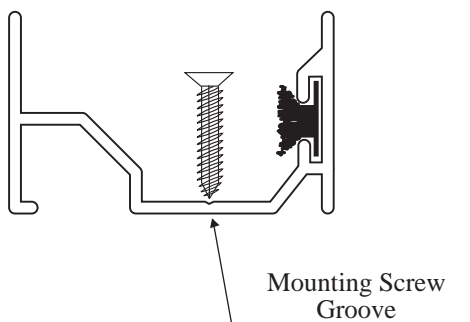


Figure 4

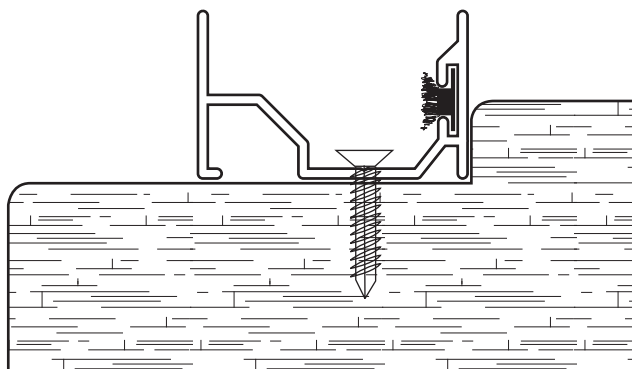


Figure 5

Step 4 Install Head Track

Carefully slide the Head Track (#R6047) into the Top Guide (Figure 6), while making sure the weather-stripping is on the same side as the flat of the housing (Figure 7). Gently move the Head Track down, until the track end clears the Closer legs. Pocket the track in the closer notch (Figure 8), and fully seat the top track in the Housing end cap pocket, and screw in place using the #6 x 3/4" flat head screws provided.

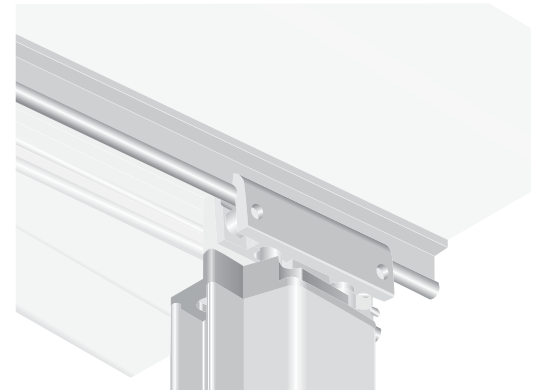


Figure 6

Step 5 Install Sill Track

Carefully repeat (Step 4) for installing the sill track.

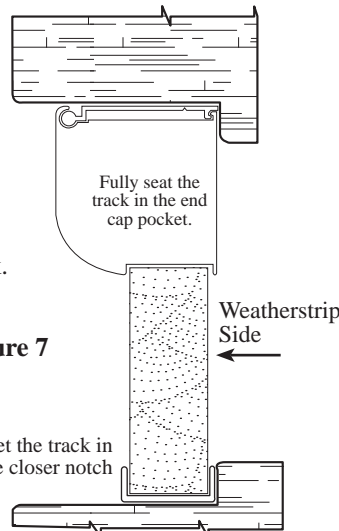


Figure 7

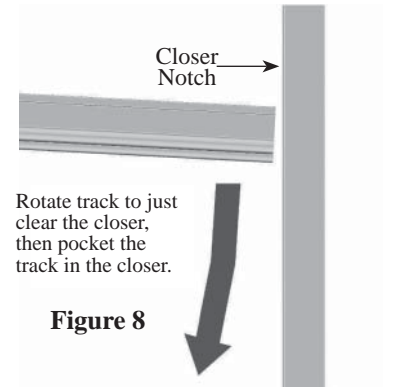


Figure 8

Step 6 Strike Installation

The strike (D2160) is mounted nose down (Figure 9), with the #4 x 3/4 screws going into the same groove as the closer (R8025) installation screws. The nose of the strike should be approximately 1/8" below the latch, as measured from the sill track (Figure 10). The strike mounting holes will locate 3/4" and 1 1/4" above this point. Drill (2) 3/32" holes at these locations. Adjust the strike up or down as needed to get a secure latch.

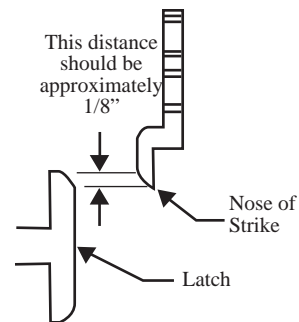


Figure 9

WARNING!

Adjusting the strike too far down will not allow the latch to engage the strike.

Installation Complete

Make sure all components are properly installed. Check the overall operation of the door. Drawbar guides should move freely over both the top and bottom 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.

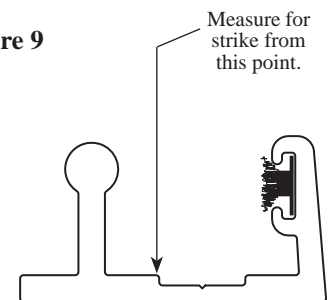
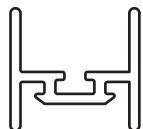


Figure 10

French Door Instructions

Amendments To Installation Instructions For French Door Opening

ADDITIONAL PARTS INCLUDED:



R5180
Astragal



R5490
Astragal Pin

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 active door will have a latch projecting from the drawbar at the handle center.

Step 3

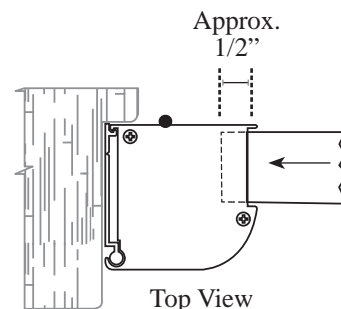
Inactive Door

The astragal and astragal pins are installed on the inactive door. The strike is pre-installed in the astragal center pocket of the inactive door.

Step 4

Install Head Track

Both doors in a French set will travel along the same tracks. Locate the Head Track (R6047) and feed it on to the top roller guide of the inactive door (See Figure 6 on Page 3). Feed the same head track end into the screen tube area under the housing end cap about 1/2" (Figure 11). Now take the opposite end of the Head Track and align it into the Housing end cap notch on the active door. (To accomplish this, pull the active door out a few inches and gently wrap the drawbar and screen around the outside of the housing to clear the track opening.) The Head Track on the inactive side should now be in the housing notch location. Fasten the Track to the header using the #6 x 3/4" flat head screws provided.



Top View

Figure 11

Step 5

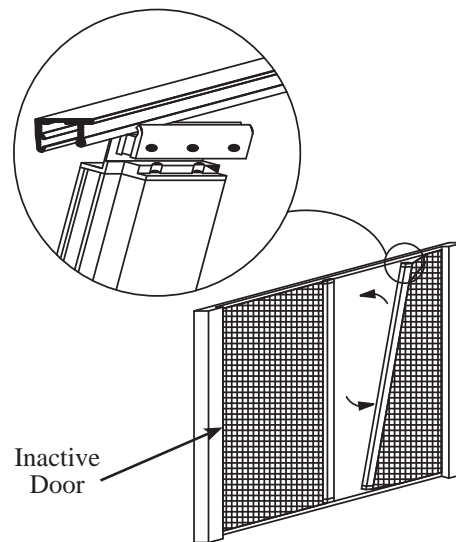
Install Bottom Sill Track

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.



Inactive Door

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

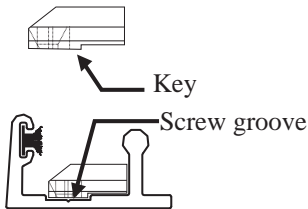
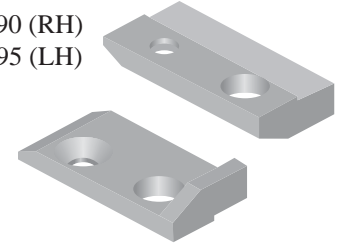
Install Astragal Stops

Install Astragal Stops (#R6490/R6495) into head and sill track. Fasten using one (1) #6 x 3/4" flat head screw 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 active 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. The active door

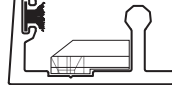
should easily open and close, latching at the inactive door when required. If more depth for the astragal pins are desired, a 7/32" drill bit can be used to drill through the astragal stops into the track. Be careful here, that this process does not compromise the integrity of the building structure 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)



Stop in place

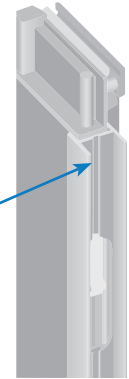


Active Door



Drawbar with Astragal Pin.

(Pin is in slot in drawbar)



Step 8

Adjust Strike

Follow the instructions in Step 6, Page 3 for adjustment of the strike if necessary.

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.

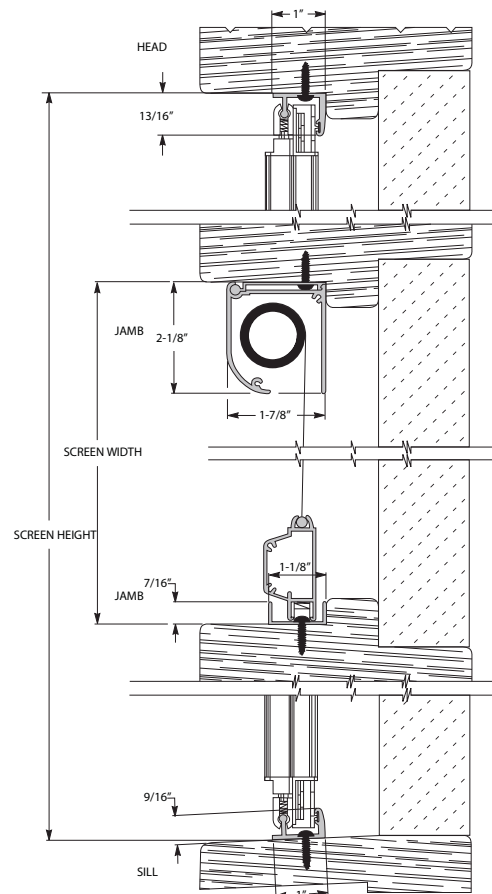
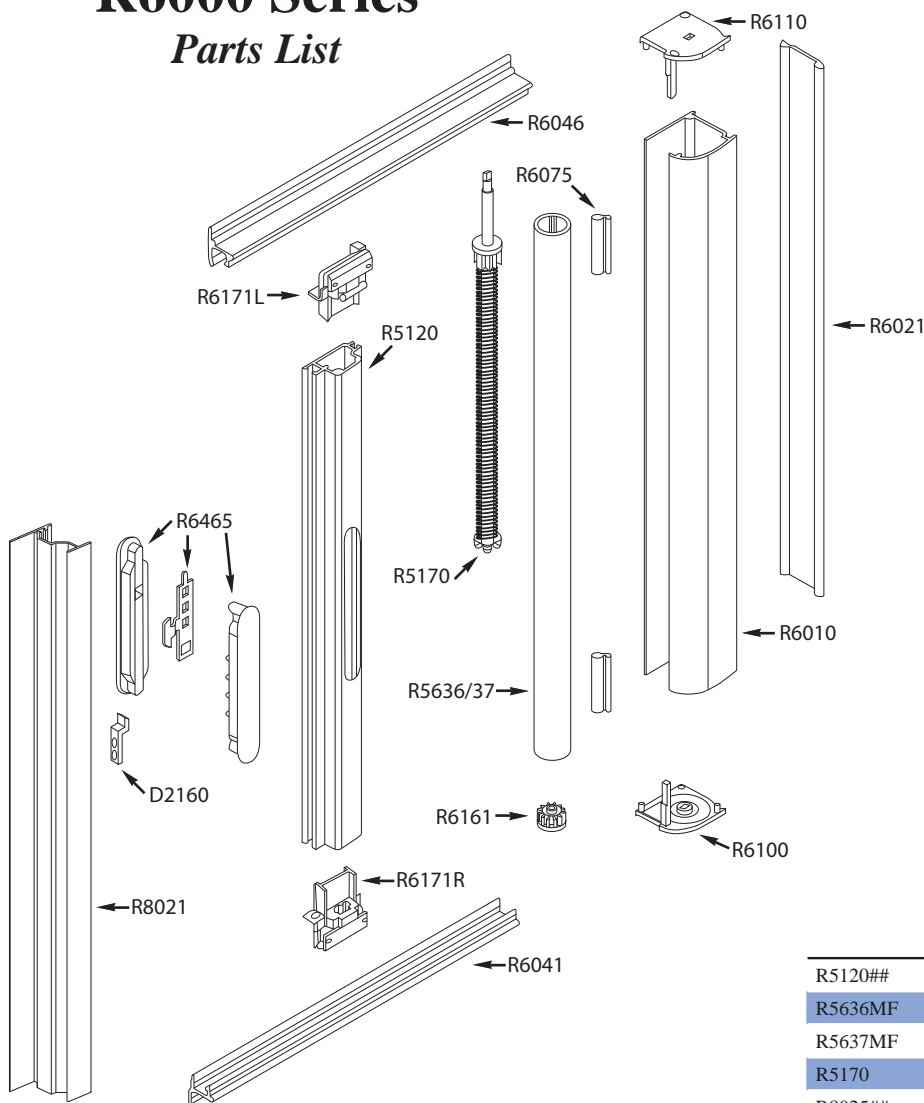
Damage caused by accident, improper installation or abuse, is specifically excluded from this warranty. Manufacturer's liability on any claim shall not exceed the cost of the product. In no instance shall manufacturer be responsible for consequential damage from the use of this product, including damage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

R6000 Series

Parts List



Series 6000 Inside Mount Parts List

R5120##	Drawbar
R5636MF	Tube with Screen 82"
R5637MF	Tube with Screen 96"
R5170	Spring Roller Assembly
R8025##	Closer
D2160	Die Cast Strike & Screw Assembly
R6465BL/WH	Handle Assembly with Strike
R6010##	Housing
R6020##	Hinge
R6040##	Sill Track
R6047##	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
##	- Door color

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