



**TRU-FRAME®**  
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## Series 7000

### Fabrication & Assembly Instructions (For Inside Mount K.D. Kits)



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

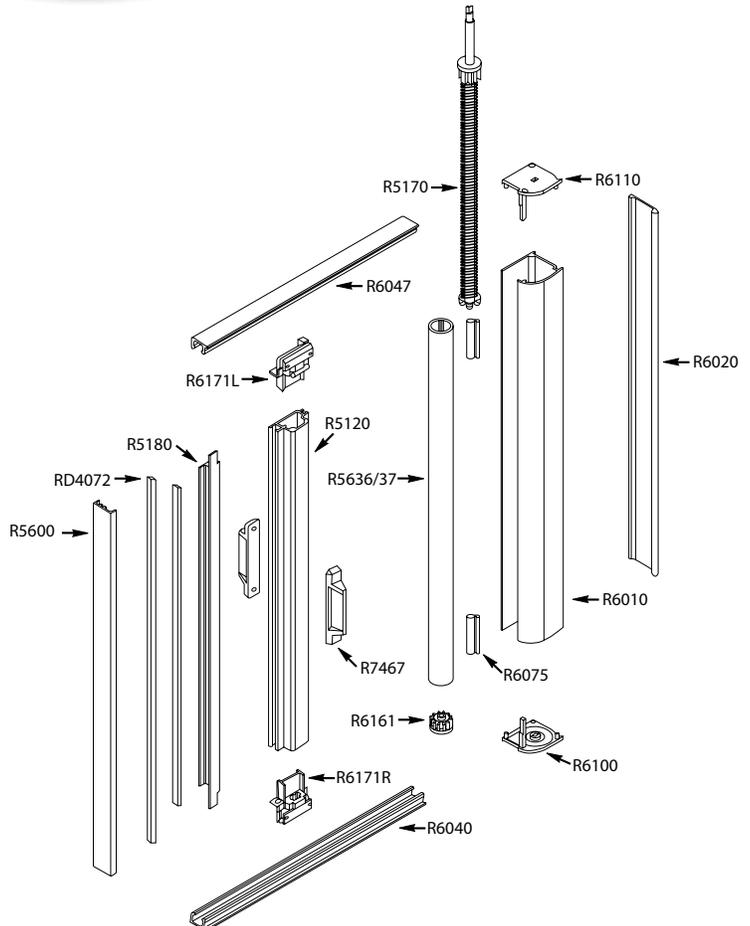
**TOOLS REQUIRED:**

- Tape Measure
- Hack or Chop Saw
- Drill Motor
- 1/8" Drill Bit
- 13/64" Drill Bit
- Phillips Head Screwdriver
- Pencil or Scriber
- File

**Series 7000 Inside Mount  
Part List**

R5120##	Drawbar
R5636MF	Tube with Screen 82"
R5637MF	Tube with Screen 96"
R5170	Spring Roller Assembly
R5180##	Astragal
R5600##	Closer Jamb
R6010##	Housing
R6020##	Hinge
R6040##	Sill Track
R6047##	Head Track
R6075BL/WH	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





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## Step 1 Measure Door Opening Width & Height

Measure the full door opening width from door jamb to door jamb (see diagram at right) where Roll-Away® Door will be installed.

Measure the opening to the nearest 1/16".  
Record measurements below.

Width: \_\_\_\_\_

Measure the full door opening height from threshold to top door stop (see diagram) where Roll-Away® Door will be installed.

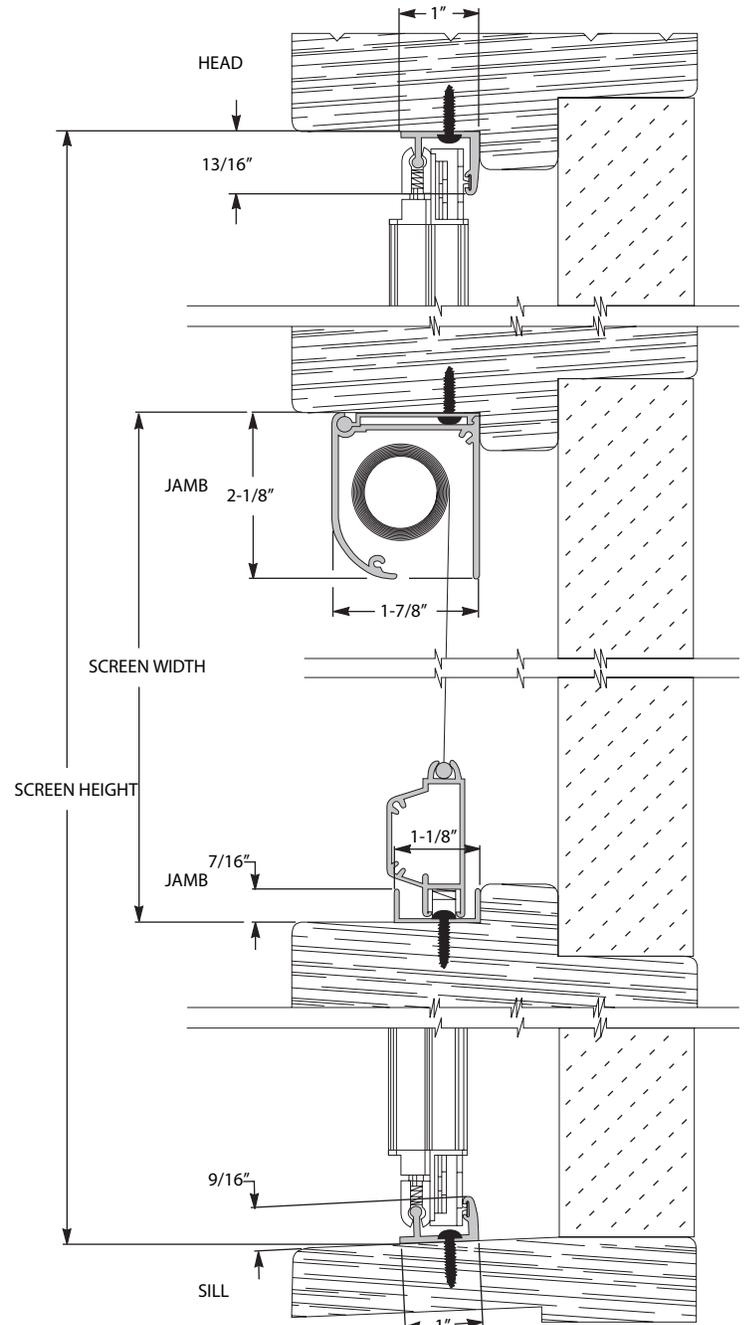
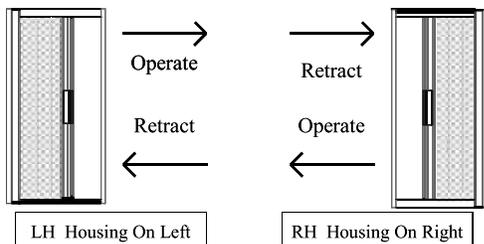
Measure the opening to the nearest 1/16".  
Record measurements below.

Height: \_\_\_\_\_

## Step 2 Determine the Proper Side of Opening to Install Door

For a normal installation the Roll-Away® Door will be installed on the same side as the hinges on the main door. Will the door operate from Right to Left, or Left to Right?  
*Note: French door installations have 1 each (1 Left to Right and 1 Right to Left).*

- LH Door will operate from Left to Right
- RH Door will operate from Right to Left





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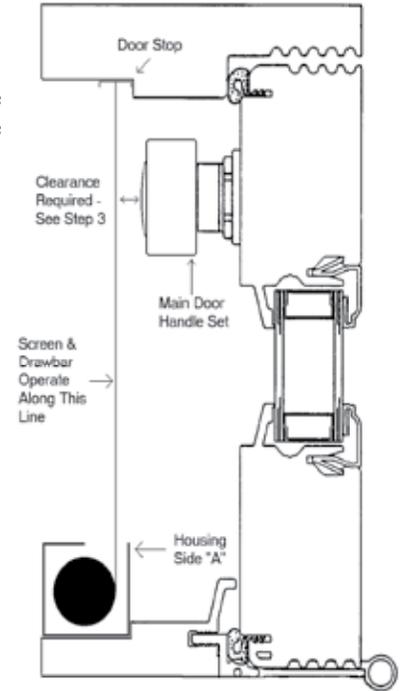
### Step 3 Determine Clearance Required For Normal Operation

In order to assure the Roll-Away® doors operation doesn't interfere with the prime/main doors operation, you must allow proper clearance between the two. The prime/main doors handle set normally determines the minimum amount of clearance required. Hold housing only, with side A (drawing 3) closest to the door and against the jamb it will be installed on. Do you have room against the jamb to install the housing? Will you have room on the opposite jamb to install the closer? Is there sufficient threshold and header space to attach the bottom and top tracks required?

Yes, there is enough clearance to install all parts for normal operation. Proceed to Step 4.

NO, there is not enough room for normal operation. In this case, sometimes the housing can be reversed (side A farthest away from prime/main door). If reversing the housing, and following the directions above with regard to clearance, allows all parts to be installed properly then Proceed to Step 4. NOTE: The REVERSE method WILL NOT WORK if installing against a door stop that exceeds 1/8" in depth.

If neither location method above allows the door to be installed properly, you might not have enough room with the application to install a Roll-Away® door system. *Contact the factory before cutting any parts or proceeding further.*



### Step 4 Screen Tube Fabrication

*Note: These fabrication instructions create a door that allows 1/16" of opening clearance. For a precise fit, subtract 1/16" less at each step.*

Carefully remove all the Roll-Away® Door parts from the carton and place on a

flat table or bench. You will need the following parts to complete step 4: #R5630. The Screen Tube Assembly (#R5630) is poly-wrapped on each end and is ready to cut to size. Locate the tube end with the RED tape and cut exactly 5/8" shorter than the opening height of the door (Step 1). Tube is easiest to cut with wrapping and tape intact (remove in Step 6).

*Example:*

*Opening Height = 80" (Step 1) Cut the "RED" end of the tube until the overall tube measures 79 3/8".*



CORRECT Screen Placement In Housing



WRONG Screen Placement In Housing

### Step 5 Hinge, Housing, Drawbar & Astragal Fabrication

Locate the Hinge (#R6020). Cut the Hinge exactly 1/16" shorter than the opening height of the door (Step 1)

Locate the Housing (#R6010). Cut the Housing, at either end, exactly 5/16" shorter than the opening height of the door (Step 1).

*Example:*

*Door Height (Step 1) - 5/16". If Door height is 80", then cut Housing at 79 11/16".*

Locate the Drawbar (#R5120). Remove the Astragal (#5180). Cut the Drawbar, at either end, exactly 2 1/2" shorter than the opening height of the door (Step 1).

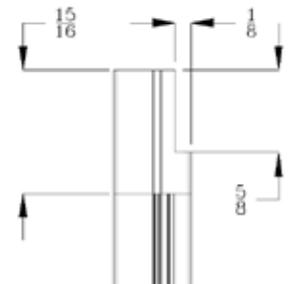
*Example:*

*Door Height (Step 1) - 2 1/2". If Door height is 80", cut Drawbar at 77 1/2".*

Locate the Astragal. Cut the Astragal (#5180) 11/16" shorter than the opening height of the door (Step 1). Notch cut end of astragal to match machined end.

*Example:*

*Door Height (Step 1) - 11/16. If Door height is 80" cut Astragal at 79 5/16.*



Astragal (#R5180) Notching Dimensions



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**NOTE: MAKE SURE ALL CUTS ARE SMOOTH AND FREE FROM BURRS**

## Step 6

### Door Unit Assembly

- A. Insert the spring (#R5170) into the **CUT** end of the screen tube from Step 4. Make sure that the spring is firmly seated before proceeding. Lightly tap end cap (#R6110) onto top of spring in notch provided (Figure 8). Regardless of operation, spring must be installed in the end shown in figure 8.
- B. Insert the tube bushing (#R6160) into the opposite end of the screen tube.
- C. Remove all packaging materials and labels from the screen tube assembly.
- D. Carefully insert the screen tube into the housing. Make sure that the screen will roll out in the proper direction (Step 4). **DO NOT PULL ON SCREEN.** Insert the hinge into the housing.
- E. Thread spline end of screen onto the drawbar. Spline should overhang each end of drawbar equally. Insert Astragal (#R5180) into drawbar.
- F. Insert top and bottom guides (#R6171L & #R6171R) into ends of drawbar. Push remaining lengths of spline into notch on guides at either end of drawbar.
- G. Be sure that the Drawbar guides are firmly in place. Insert two #6 x 1/4" pan-head screws through the holes in the drawbar guides. These screws will hold drawbar guides firmly in place. Fasten securely.
- H. Tension the spring by rotating end cap in the direction that puts tension on the screen (clockwise). (See figure 8) Rotate the cap 5 times. It is recommended that you rotate the cap several times and release it to take out any slack in the spring or screen mesh prior to the final rotations. This will bring the drawbar handle taut against the housing and provide the optimum tension on the screen. Holding the wound cap firmly, insert the cap and fasten to the housing using two (2) 3/8" flat head screws provided.
- I. Insert bearing pin into bushing, then screw bottom cap onto opposite end of housing. Make sure the bearing pin is properly seated in the bottom end cap and fasten with two (2) 3/8" flat head screws provided.
- J. Test the tension of the screen by grasping the housing at the mid-point with one hand, and the drawbar in the other, and slowly operate the screen. The screen should unroll evenly, with no binding. Operate the screen several times to fully seat the screen fabric. It may be necessary at this point to add an extra wind to the spring, to take up any slack that may have appeared during seating.
- K. Move the cushions to their respective positions on the housing face. The housing end caps are equipped with posts, notched to set the cushion height. (Figure 9.) While the cushions will remain in place in normal operation, it is recommended to apply a couple of drops of cyanoacrylate adhesive between the cushion and the outside of the housing to prevent accidental dislodgement.
- L. The handle set can be positioned as desired (Figure 10.) Set the inside handle in the desired location on the drawbar, insuring clearance for the main door handle/knob, and with a felt tip pen, mark the screw hole locations. Using a 1/8" drill, drill two holes and secure the handle to the drawbar using #8 x 3/4" flat head screws. Repeat for the outside handle.

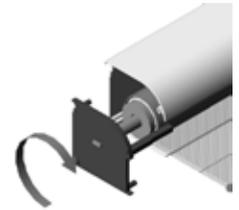


Figure 8



Figure 9

Housing cut away for clarity. The cushion is positioned against the notch in the end cap post

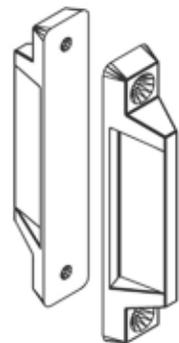


Figure 10  
Handles

**ASSEMBLY COMPLETE**  
**PROCEED TO STEP 1 OF INSTALLATION INSTRUCTIONS**