



# Ultimate Knock-Down Door Kit Assembly Instructions

## CONTENTS INCLUDED:

Description	QTY	Appearance
Frame with Handle	1	
Frame without Handle	1	
Top/Bottom Rails & Expanders	2	
48" x 84" Roll of Screen Mesh	1	
Strike and Screw Set	1	
Roll of Spline	1	
Bugstrip	1	
Spline Roller	1	
Tension Springs	2	

## TOOLS REQUIRED/RECOMMENDED:



Pliers



Utility Knife

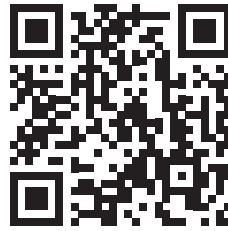


Safety Glasses



Phillips Screwdriver  
or Drill

**SCAN THE QR CODE**  
FOR EASY TO FOLLOW VIDEO  
ASSEMBLY



## INSTRUCTIONS FOR ASSEMBLY OF YOUR PATIO SCREEN

(Tools required: Philips head screwdriver/drill, Utility knife, safety glasses/goggles, pliers, roller tool (supplied))

### USE SAFETY GLASSES/GOGGLES FOR EYE PROTECTION DURING SCREEN ASSEMBLY

**STEP 1.....**Remove the outside handle from the long side piece by removing the 3 screws and set screws aside to be reinstalled later (FIG. 2). (NOTE: Inside handle will now be loose).



**STEP 2.....**Remove expanders that are taped inside the short top & bottom rail pieces (FIG. 3) and fasten top/bottom rails to long side pieces (FIG. 4).

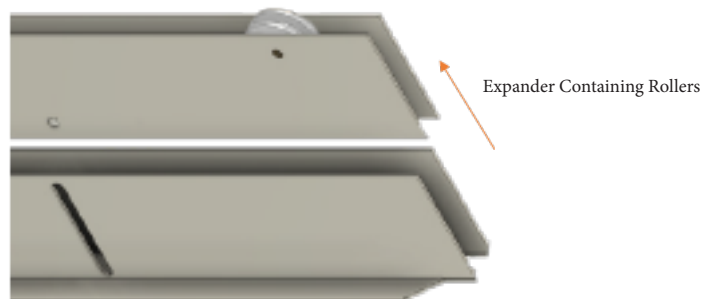


Figure 3

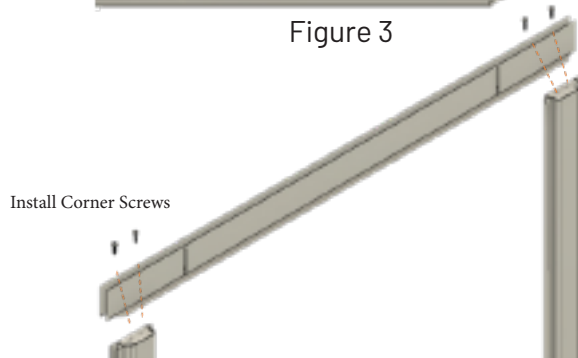


Figure 4

# RITE SCREEN™

1. Remove tape to separate the expanders from both the top and bottom rail pieces (note that the top and bottom rail pieces containing the expanders are identical to one another, and either can be used at the top or the bottom).
2. Place the top/bottom rail against the long side piece which contains the corners in both ends (FIG. 4). Make sure to orient both pieces as shown, aligning the screw holes in the top/bottom piece with the "dimples" in the corner. Using a Power Drill with a 2.5" #2 driver, install (2) No. 8 x 3/4" screws (the LONGER screws provided), through the holes in the top/bottom rails and into the corner dimples in the long piece. Then attach the other end of the top/bottom rail to this long piece similarly. Now attach the other top/bottom rail to the remaining long sides as before.

**STEP 3.....**Install screen mesh into frame (Scan QR code on mesh bag, (SEE FIG. 5), see instructions on mesh bag, and/or follow below steps)

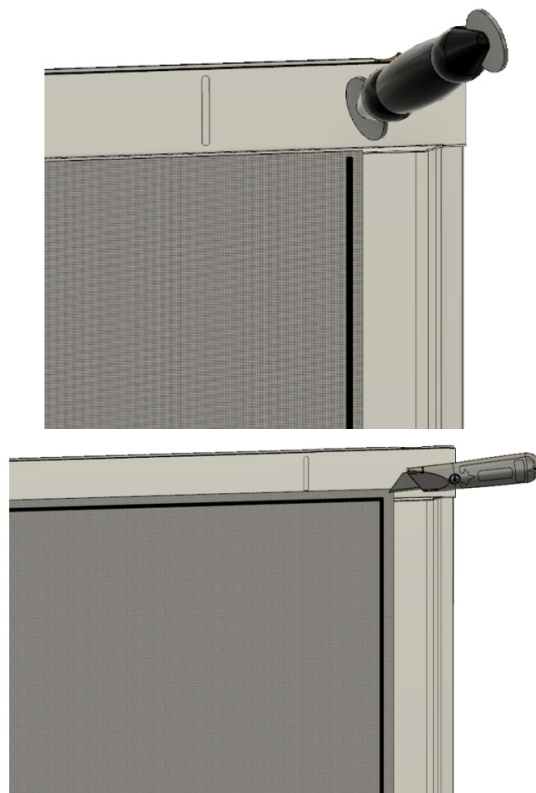


Figure 5

1. Place assembled frame on two sawhorses (or a large table) which will support the frame near the extreme long ends with the flat side of the screen laying against the sawhorses. The non-flat side of the screen will then be facing upward so that the groove into which the mesh and spline will be installed is accessible.
2. From the left side of the frame, place the end of the unrolled mesh down onto the frame so that the edges of the mesh are flush with the edges of both the LONG and SHORT side of the now assembled frame.  
**IMPORTANT:** The strands of mesh should be aligned with the frame so that they are as close to parallel with the frame as possible throughout the spline/mesh insertion process. Unroll the mesh until it completely covers the frame (Note: You will likely have more mesh length than you will need).

3. Beginning at the left-most lower corner of the long side of the frame, place the end of the spline down onto the mesh and using the roller tool provided, start to roll the spline so that both the mesh and spline go down into the frame groove. Do not overstretch the spline as you insert it. (Note that the roller tool has slightly different rollers on each end—you may find that one end is easier to work with than the other). Mesh should be held/pulled reasonably taut while you continuously insert the mesh and spline down into the frame groove by rolling the tool as you proceed to the right end of the frame.
4. Once you get to the right most edge of the frame groove, push the spline and mesh down into the very corner of the frame.
5. Then proceed to install the mesh into the first SHORT side of the frame, similarly to how you installed it into the first LONG side. Remember to always pull the mesh taut while installing spline, for all (4) sides of the frame.
6. When you get to the SHORT side corner of the frame, again, tuck the spline and mesh down into the frame corner as you did previously.
7. Continue inserting the spline and mesh into the other LONG side and tuck both in at the corner, as before.
8. Finally, insert spline and mesh into the remaining SHORT side of the frame, as before.
9. Using a utility knife (not provided), cut the spline and push the end of it down into the final frame corner.
10. You should now have mesh protruding above all four sides of the frame.
11. Using a utility knife, cut all the mesh that protrudes above and beyond the frame.

**STEP 4**.....Install tension spring, expander, adjustment screws into top/bottom rails.

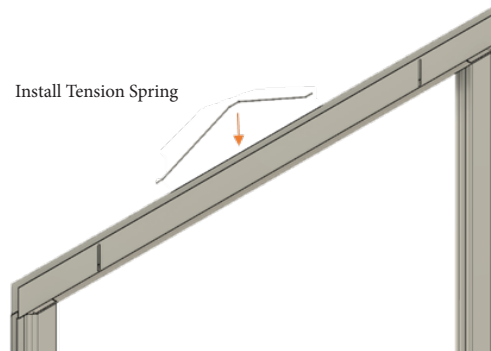


Figure 6

1. Install the tension spring as shown into the top/bottom rail (FIG. 6).
2. Then, place expander with rollers over the tension spring and into the top/bottom rail (FIG. 7). Make sure that the (2) round "dimple" marks near the bottom of the expander align with the (2) long slots in top/bottom rail.

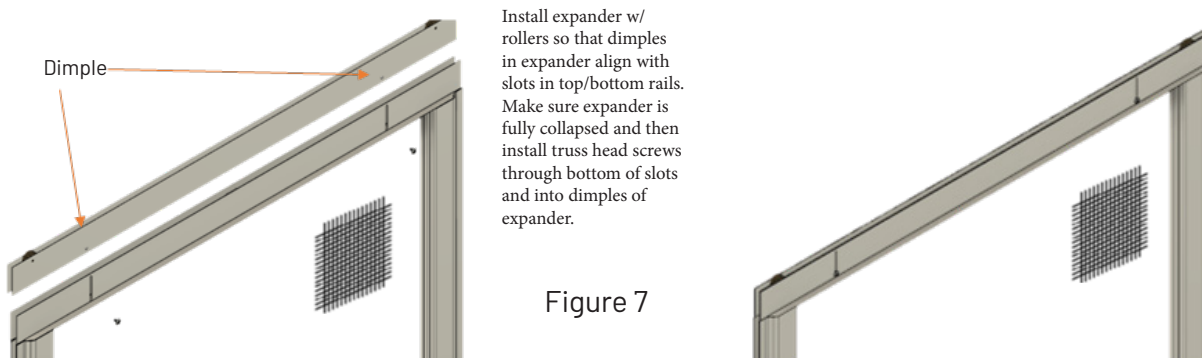


Figure 7

# RITESCREEN™

3. Compress the expander to collapse it as far down into the top/bottom rail as possible. With expander in this fully collapsed position, install the two No. 8 x 3/8" long TRUSS head screws thru the bottom of the slots and into the dimples of the expander——DO NOT COMPLETELY TIGHTEN SCREW SO THAT EXPANDER CAN MOVE FREELY.
4. Repeat steps 1-3 for the other expander.

**STEP 5**.....Re-install outside handle that was removed in STEP 2 (FIG. 8).

Reinstall Handle

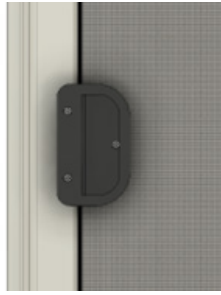
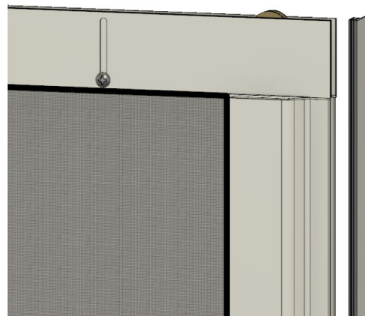


Figure 8

1. Reinstall the (3) screws into the handle that were removed in STEP 2. Use a hand screwdriver instead of a drill to snug screws only. Do not overtighten screws to avoid stripping them.

**STEP 6**..... Follow instructions in hardware bag for installing screen into your door, adjusting top & bottom expanders, and installing handle strike.

**STEP 7**.....Install Bugstrip in screen height rail OPPOSITE the handle as shown (FIG. 9).



Install and trim bugstrip

Figure 9

1. Insert bugstrip into the edge of the frame as shown. The bugstrip contains "cutting lines" so that if necessary, it can be easily cut with a scissors to a size that will make contact with your door glass panel.
2. If needed, trim the bugstrip shorter at the top and/or bottom to allow it to seal against your glass panel while also allowing screen to slide freely without binding.

**NOTE: REFER TO RITESCREEN WEBSITE FOR VIDEO OF THIS PATIO SCREEN ASSEMBLY**