



Shaver Industries

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Assembly Instructions Manual Crank Vertical Vinyl Curtain Door “Face Mount”

Valued Shaver's Customer: We have pre-assembled the roller, valence, and bracketry components for your door assembly. This should dramatically simplify the installation procedure. While the installation is very straightforward, please note the following details.

System Overview:

Your Shaver's Manual Crank Vertical Curtain Door is a high quality, high performance flexible door system based on proven components and our many years of experience in the vinyl partition fabrication business. We are confident that it will bring you and/or your customers years of reliable and trouble-free service.

Your specific system is a vinyl roll-up curtain door with face-mount bracketry. The “back-to-back” mounting dimension for your vertical extrusions will be the door opening width plus 8” (eight inches). The vertical extrusions are cut to the same height as your stated door opening, which will place the entire aluminum roll, upper bracketry, and valence box above the door header. We have selected a horizontal stiffening extrusion diameter of .75”.

Unpacking and Inspection:

Please unpack your systems carefully and notify the factory immediately if there are any shortages or if any items have been damaged during transit. Your kit(s) should have all of the necessary hardware and components for a complete installation with the following exceptions (installer-provided hardware):

1. Mounting hardware for securing the custom extrusions and bracketry to the building fascia.

System Assembly:

Custom Extrusion Mounting:

The Shaver's Custom Extrusion should be mounted “flush” to the fascia surface with three or four galvanized J1 angle brackets per extrusion. The “back-to-back” overall width of the extrusions should be 8” wider than your door opening (4” per side).

It is suggested that the galvanized brackets first be mounted to the extrusions. Typically one bracket is mounted approximately 5” in from each end of the vertical extrusion and one bracket is mounted at the mid point. This can be accomplished by laying the extrusion and the bracket on a flat surface, transferring at least one bracket hole location to the extrusion, drilling a .28” diameter hole in the extrusion, and securing the bracket to the extrusion with a 1/4-20 x .50 Pan Head Screw, 1/4” Flat Washer, and a 1/4-20 Hex Nut as shown in the following diagram (Diagram 1) and photo (Photo 1)(EPDM side seals removed for clarity). Note that the extrusion must be oriented in such a manner that the “Radius Profile” is **not** adjacent to the building fascia. The extrusions have been marked with a “TR” (Top Right) and “TL” (Top Left) to assist with the orientation. Be very careful when drilling the Vertical Extrusions as to not damage the EPDM side seals.

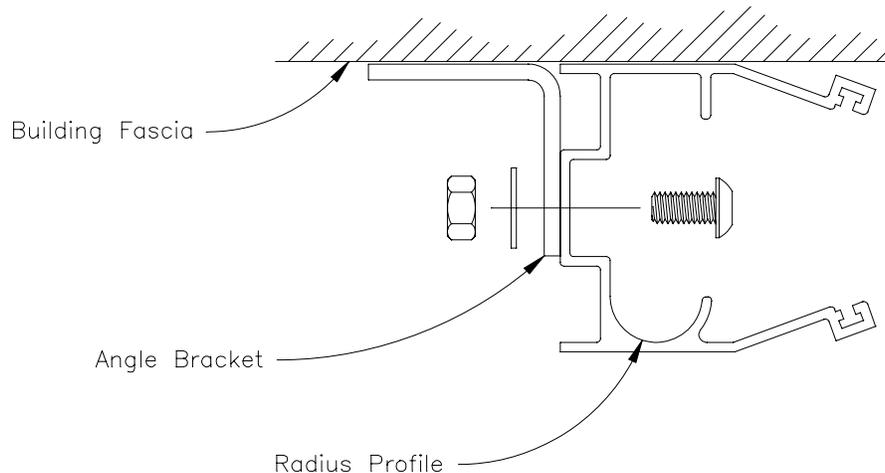


Diagram #1
(Extrusion, Bracket and Fascia Orientation)



Photo #1

(Angle Bracket Mounting to Extrusion)

After the angle brackets have been secured to the custom extrusions the assemblies can be mounted to the fascia using “best practices” as a function of the building material. The total width (back-to-back) dimension of the extrusion mounting is critical and should be held to a $\pm.5$ ” tolerance while keeping the existing door opening “centered” between the extrusions.

Roller Assembly Installation:

The complete roller assembly (roller tube, bracketry, and box valence) should be mounted using the same “best practices” as applied with the installation of the custom extrusions. Particular care must be taken with the positioning of the brackets with respect to the extrusions. As shown in Photo 2, the “funnel lead-in” of the bracket should be positioned approximately .10” above the custom extrusion, and should be positioned in such a manner to provide a smooth transition into the extrusion track. Shim or otherwise adjust the position of the vertical extrusion brackets to ensure that any misalignment does not exceed .10”.



Photo #2
(Bracket to Extrusion Alignment)

Manually unwrap one to two turns of material from the roll and check the engagement and transition of the roller from the side brackets into the custom extrusion. Adjust and/or shim the brackets or vertical extrusions as required to ensure a smooth and repeatable roller transition into the extrusion.

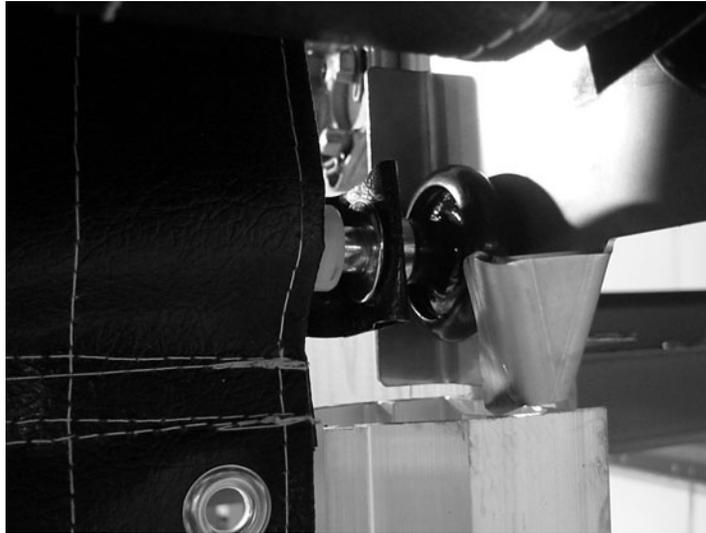


Photo #3
(Roller into Extrusion Transition)

Final Setup and Operation:

Operation:

The operation of your Shaver's Manual Crank Vinyl door is quite simple, although a little training is sometimes required.

To lower the door, simply operate the hand crank (brace) until the bottom of the door contacts the floor. To raise the door, rotate the hand crank in the opposite direction. Stop when the bottom set of door rollers are at the top of the custom vertical extrusions. There are no “hard stops” built into the system!

Warning: The curtain door is attached to the roller tube with Velcro™ for ease of field replacement. There is an additional “safety wrap” of approximately 18” of material around the roller tube when the door is in the fully closed position. If an operator continues to crank the door down after it has reached the closed position it is possible for the Velcro™ to “unzip” allowing the door to become detached from the roller tube. If this happens it will be necessary to reattach the vinyl door to the roller tube.

The assembly, installation, and set-up of your Shaver's Manual Crank Curtain Door is now complete and it is ready for typical operation. It is a virtually maintenance free unit and should give you years of reliable service.

We want to thank you again for your business and the opportunity to partner with your firm on this project. Please don't hesitate to contact us if you have any questions regarding these instructions or encounter any problems with the installation or performance of your door.