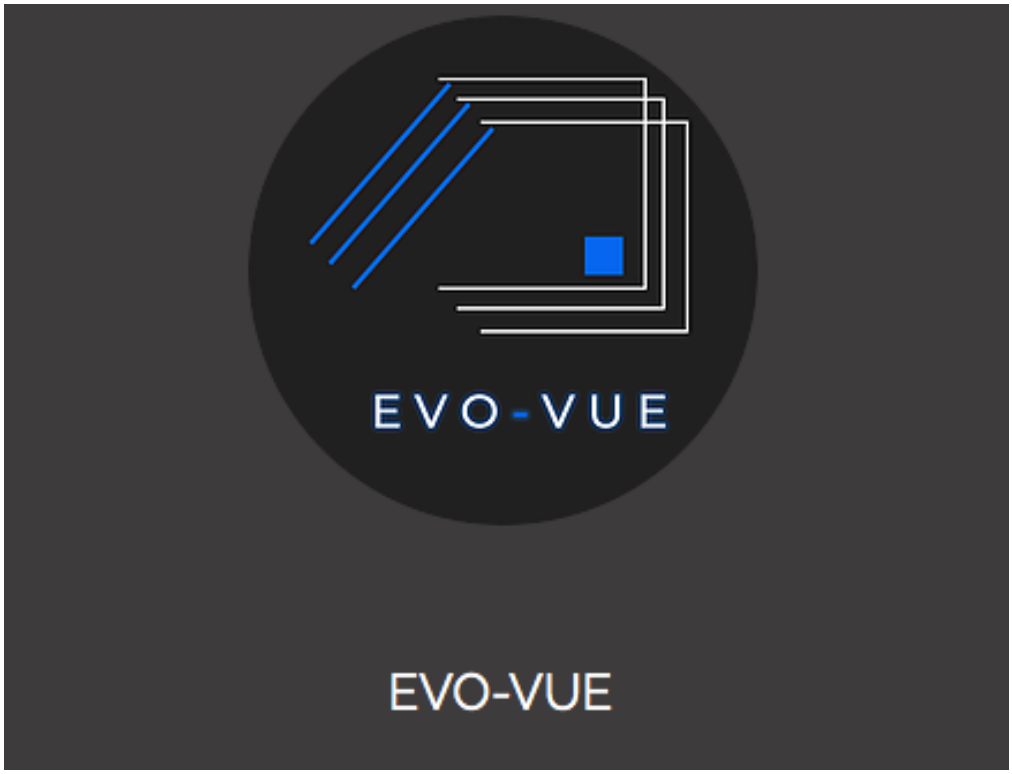
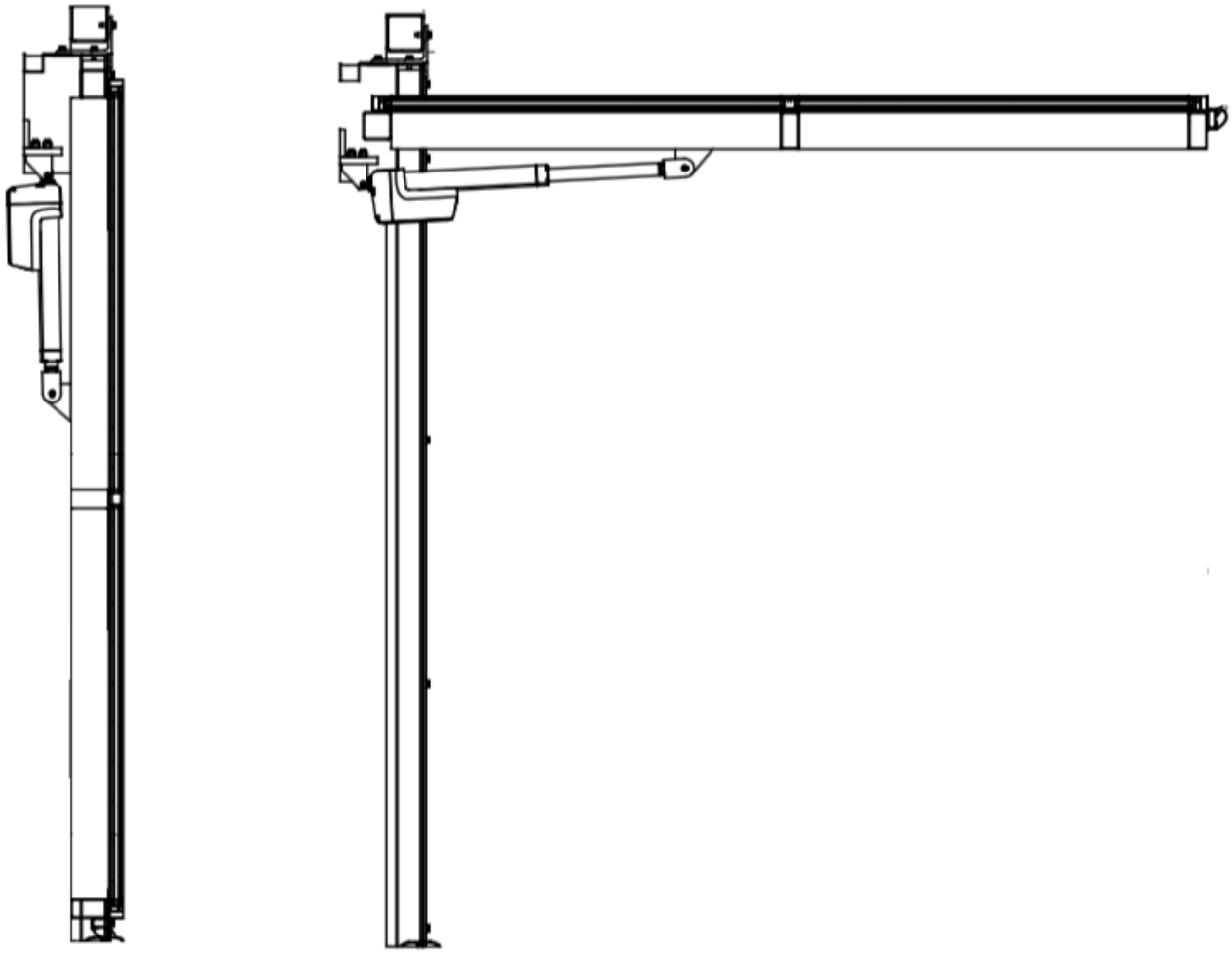


EVO-VUE Installation Manual
Rev. 1
4-2020



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What you need to know before you begin:

- Make sure you obtain and follow the shop drawings in each shipment because they alone specify each door's particular configuration. **Do not begin an installation without them**.
- Never substitute the hardware and components that are provided. If you need new parts, contact 507-736-5482.
- Use the appropriate tools, equipment, and personal protective gear to install the door so that you ensure a safe and quality installation.

Process 1 - Preparations

Bring these tools and materials

A.Tape measure
B. Slip-ring pliers- *Provided With Door*
C. Rubber mallet
D. Pry bar
E. Power drill and drill bits- (Phillips, flat-head, sockets, etc.)
F. Laser level or a long level (A laser level works best.)
G. Sockets and wrenches
H. Utility knife or sheers
I. Wooden shims
J. Glazing suction cups - *Provided With Door*
K. Alcohol Wipes - *Provided With Door*
L. Zip ties - *Provided With Door*

M. Lubricant - *Provided With Door*

Process 2 - Examine the area

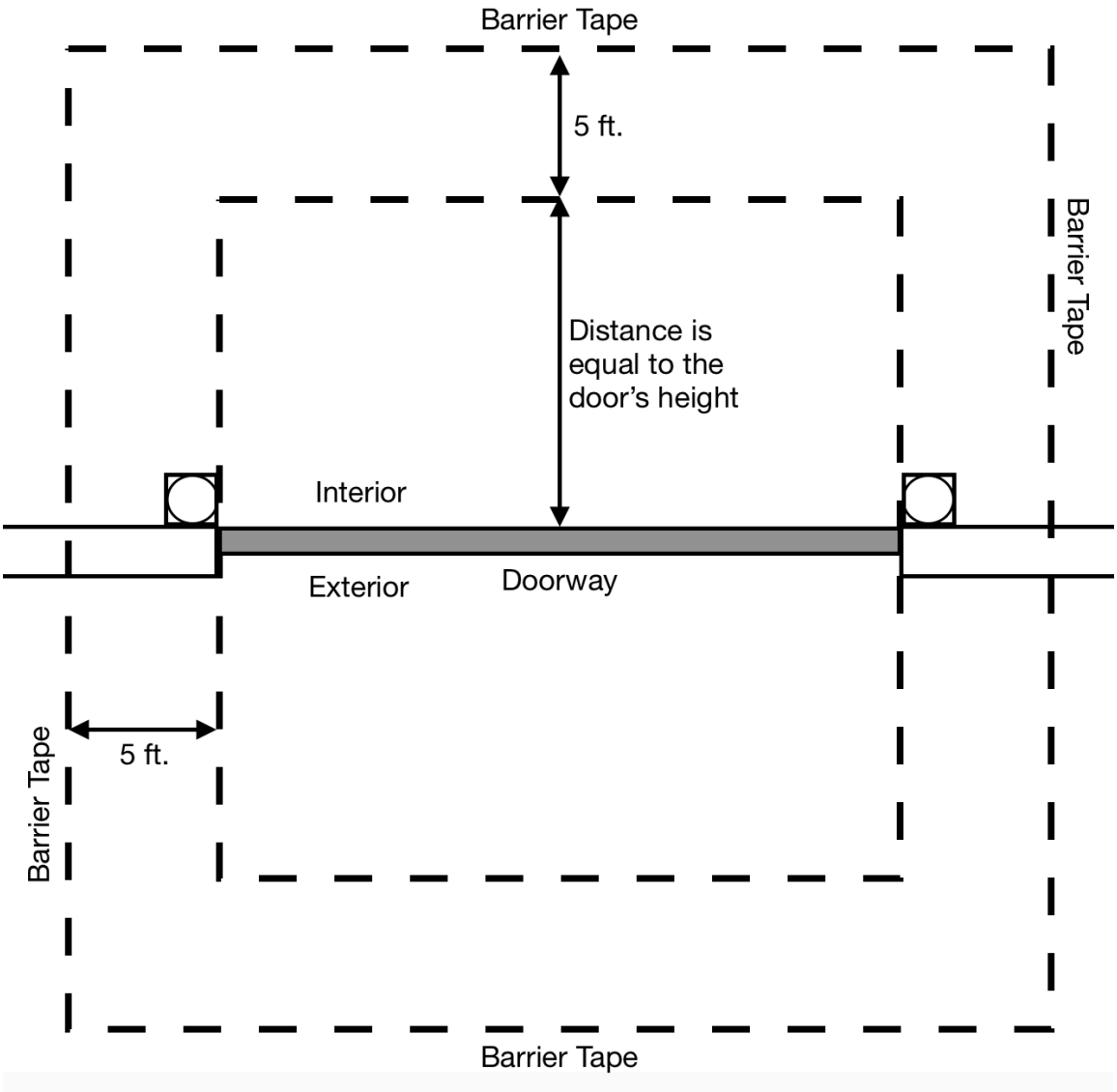
A. Compare the shop drawings to the doorway to ensure it has these things:

- A finished-floor height that matches the drawings
- Space for the door to open and close without hitting the floor or the ceiling's furnishings
- Space in the doorway for the door
- Space on the doorjambs and at the ceiling for the operating channels doorjambs that are the same material as those in the shop drawings

Process 3 - Set up a work zone

A. Let other construction workers in the area know that the doorway will be inaccessible from the time you begin until you complete your installation. No one should run hoses or cords through the doorway because you will need total clearance.

B. Set up a safety zone according to the illustration.



Process 4 - Prepare the pieces

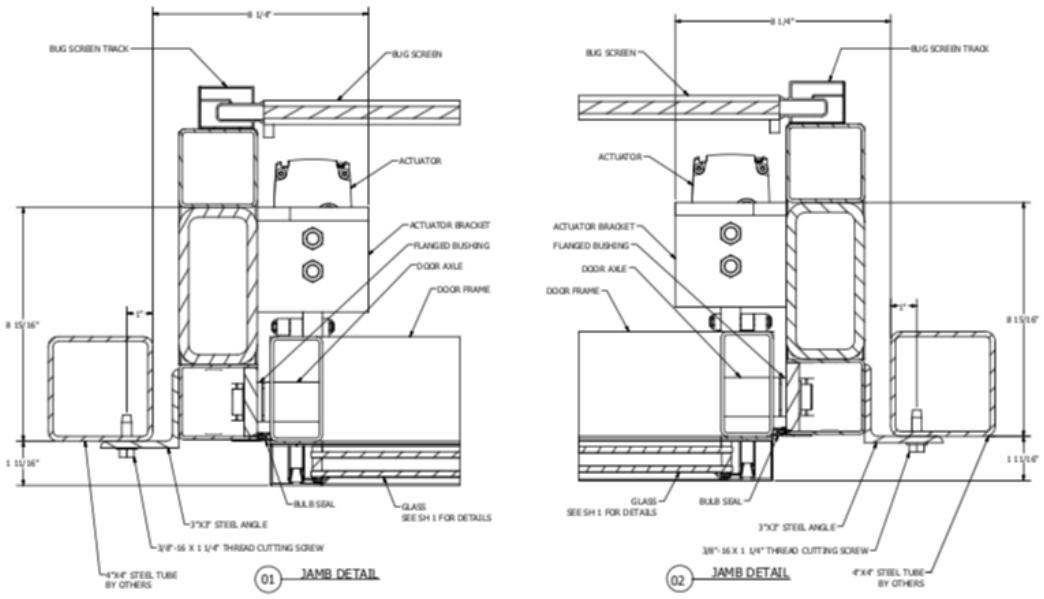
1. Place the glass panels and glazing caps out of the way, if you have them, to protect them from damage.

2. Insert the side seals into the operating channels.

3. Position the rails for assembly. **As shown below**.

4. Locate the Header Angle.

Interior side of door



Exterior side of door

Process 5 - Positioning the door

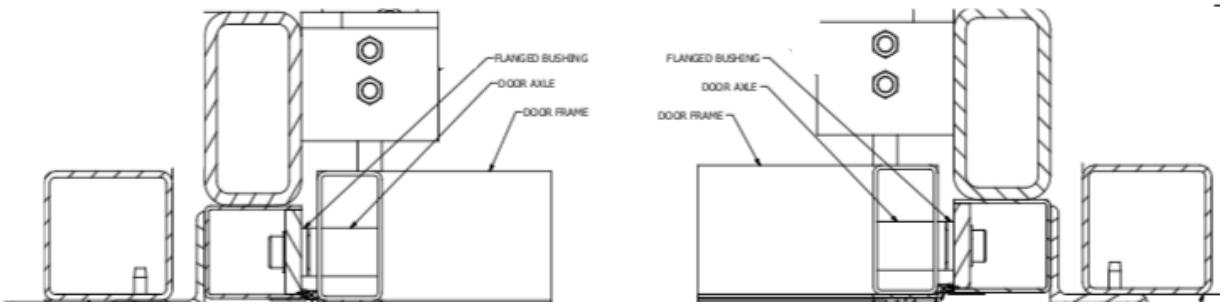
1. Set the door on the mounting side of the jambs

A. Lay the door flat on the ground in front of the door way on the exterior side with the glazing system on the bottom.

B. Set the door on a soft material so that you will not accidentally mar the finish. Cardboard or plywood works well for this.

2. Slide the flanged spacer onto each axle. **As shown below**.

3. Position the header angle at the top on the door above the rails.

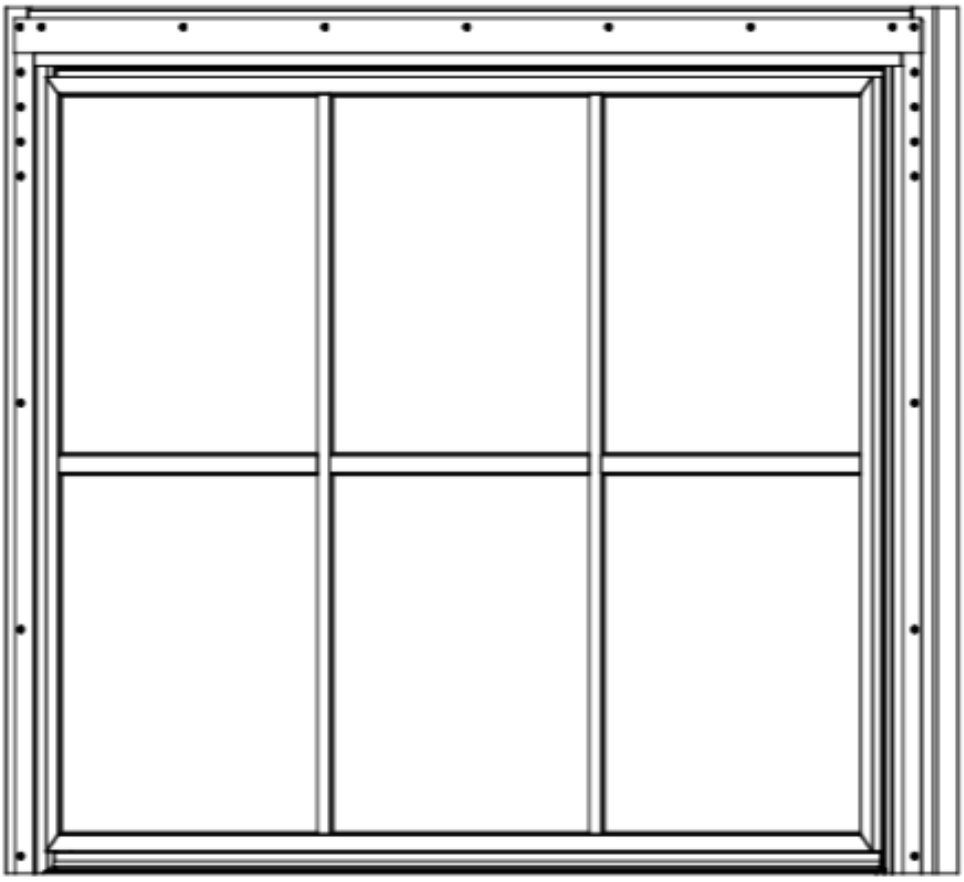


Process 6 - Assembling of the rails to the door frame

1. With the flange bushing on and the door in front of the opening on the exterior side laying face down.
2. Slide the rails on each side so the the hole in the rail receives the flange bushing. The flange side of the bushing will be in between the door and the rail.
3. The header angle will bolt to the top of each rail with 2 bolts in the top of each side. MAKE SURE THE CORRECT RAIL IS ORIENTED PER THE DRAWINGS

Process 7 - Fastening The Door

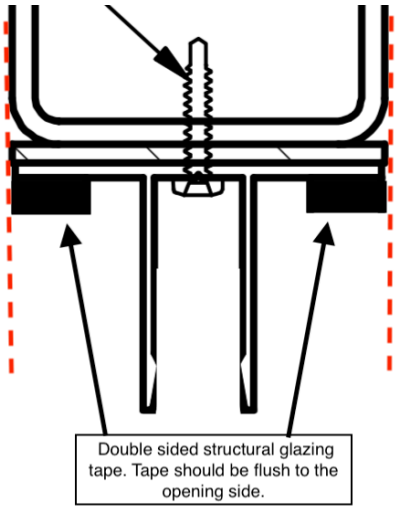
1. *Standing the door into the opening. With a person on each side of the door lift the door from the top and stand into the opening.*
2. *Secure the frame temporarily to the jambs using clamps*
3. *Level the door in the opening using a laser level. DOOR MUST BE LEVEL*
4. *Center the door in the opening and clamp back into place to hold the set position.*
5. *Using the drill bit provided drill a hole into the jamb through one of the existing holes in the header angle.*
6. *Once the door is secured at the top using the side seal as a judge. Set each jambe to where the seal is just touching the frame member. DO NOT SMASH THE SEAL.*
7. *There should be a fastener in each hole provide in the frame. DO NOT LEAVE ANY HOLE EMPTY.*

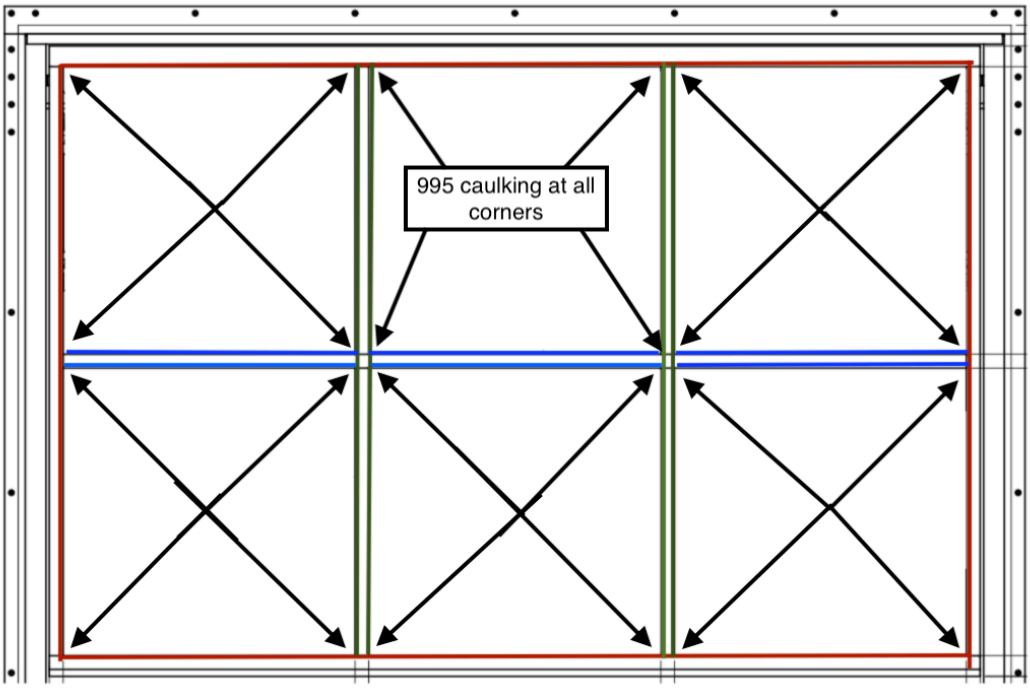


Process 8 - Installing the Glass

1. NOTE: Glass MUST be installed in above 30 degrees and in a dry environment

1. Clean the base off With the wipes provided. See Picture below.
2. Following the pictures below, the tape should be flush to the inside of each aluminum piece. Doing the red line- Perimeter first, followed by the green lines- The verticals, and then the blue line- the horizontals.
3. Once the tape has been installed. Remove the blue plastic cover.
4. Install the rubber shims provided 1/4 inch thick 1 inch wide. There should be two per piece of glass. Usually about 6 inches from each side.
5. Apply caulking at the seams shown in the picture. It just takes a little.
6. Using the suction cup provided, take your first piece of glass and wipe it off with the wipes provided. Make sure you know which side goes to the exterior side (Refer to 1st Page of the drawing)
7. Easily set the glass on the rubber shims and center the glass within the glazing system. Then push all around the glass(***DO NOT hit the Glass).*** Proceed until completed. In high wind take the small caps from the glazing bundle and snap them in to hold the glass in place.





2. *Insert the glazing caps*

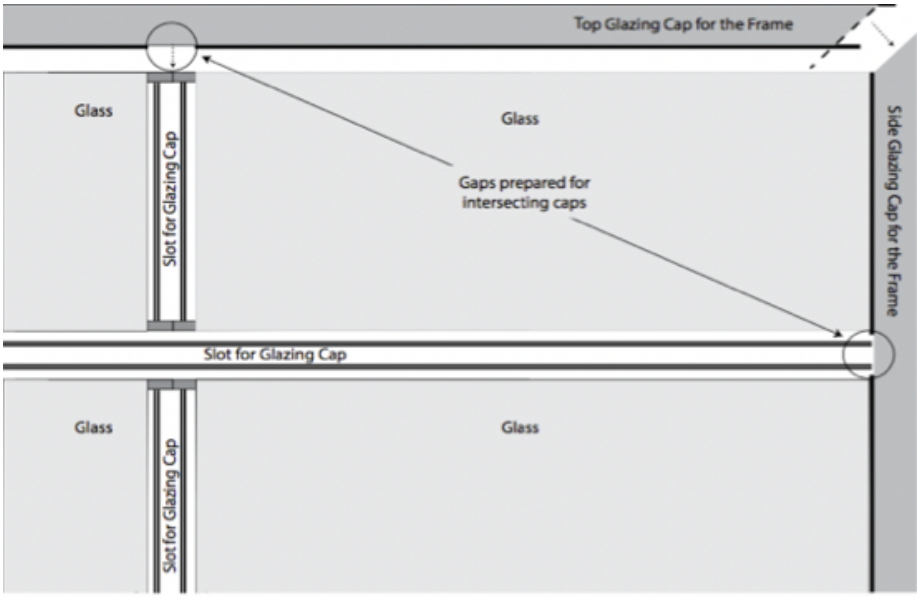
A. Trim the ends of the caps **SEALS** at a **45°** angle so that their seals will not push up the seals of the caps they intersect. (See the illustration on the side.)

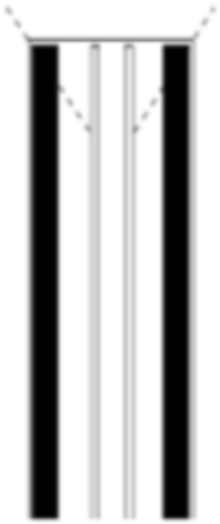
B. Cut a gap in the seals of the long, horizontal caps where the shorter caps will intersect them. Cut a similar gap in the seals of the long, vertical caps where the long, horizontal caps will intersect them.

NOTE: Do not trim the caps because they have been fitted in the factory.

C. Cut the seals of the outer caps flush at the caps' ends. (See the thick dotted line in the illustration below.)

D. Install the caps by aligning their grooves to the inside of the mullions' grooves and tapping them in place **with a rubber mallet.** The caps will have labels to indicate their place on the door.

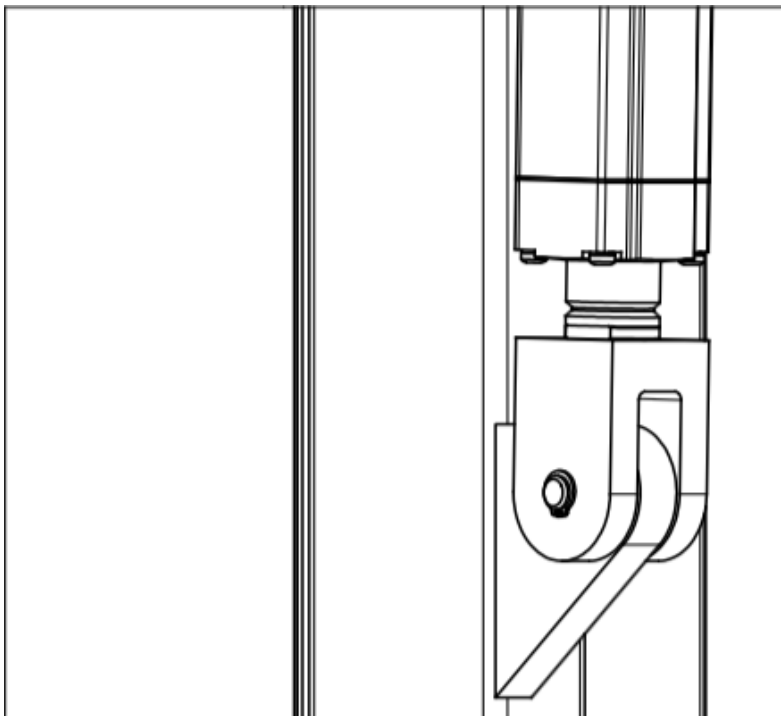


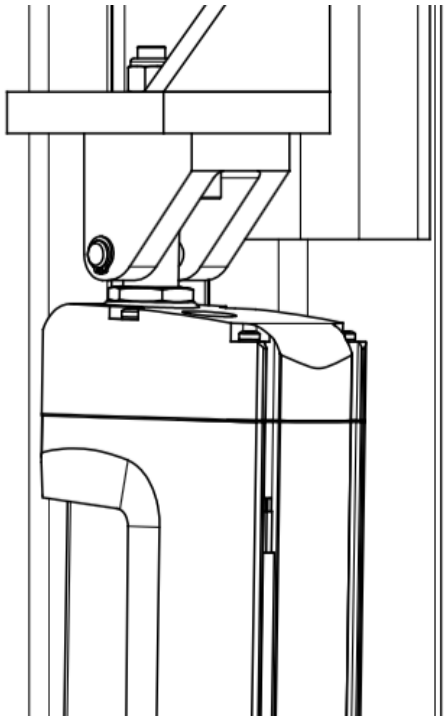


Process 9 - Engaging the Motor to the Door

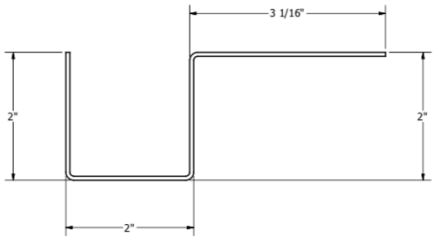
1. Mount the mounter brackets to the door frame and the rails. Use the bolts provided

2. Mount the actuators with the motor side to the top. Like the illustration below.





3. Install the wire tray to hold the wires. This tray mounts to the top angle with the channel up to hold the wires.



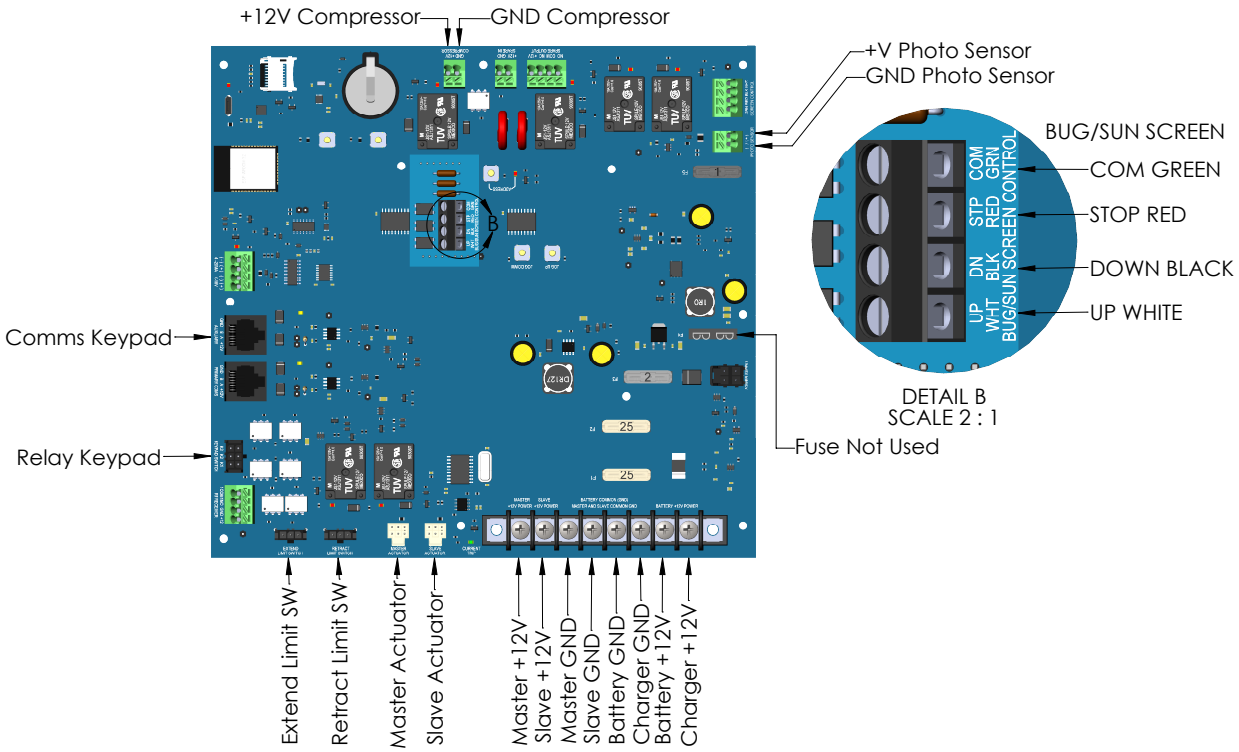
CABLE TRAY
QTY 1 @ 10'-11 3/4"

Process 10 - Make Connections to the Motor Control Unit

1. Each door will have a master actuator and a slave actuator. The master actuator will provide instructions to the slave actuator on speed and operation in order to ensure that both actuators remain synchronized.

2. All connections except the photo eyes are plug and play. Follow the illustration below to make connections of actuators, touch screen, and battery.

3. The photo eyes have a solid black wire and a black/white striped wire. The solid black wires from each photo eye must be twisted together in a pair when plugged into the control panel.



Process 11 - Set Door Limits

1. Inside the control panel, push the jog open button momentarily to ensure that the door panel moves upwards.

2. Push the jog open button until the door reaches the desired open position. Install the up limit switch inside track on the master actuator and slide the switch until it illuminates. Once illuminated secure the limit switch by turning the lock screw 90 degrees.

3. Push the jog closed button until the door reaches the desired close position. Install the down limit switch inside the track on the master actuator and slide the switch until it illuminates. Once illuminated secure the limits switch by turning the lock screw 90 degrees.

4. From the touch screen, tap on the screen. You will be asked a series of questions to properly configure the settings for your door. (Bug screen installed?, etc.). Answer the questions as appropriate for your installation.

5. Push the open button to test the operation of the up limit switch. **NOTE: The door will travel first to the full extended position and then will reverse back to the limit switch setting.** If adjustments are needed on the position, loosen the lock screw and adjust the position of the limit switch.

6. Push and hold the down button until the door reaches the full closed position. **NOTE: constant contact of the close button is required until the door reaches the full closed position.**

7. Finally, while closing the door have another person test the photo eyes by blocking one of the sensors during operation. The door panel should stop and reverse to the full open position.

Troubleshooting:

Problem: Door will not operate.

- Check battery and power connections.
- Check connections for touch screen, photo eyes, and actuator power.
- Press Jog up or Jog down buttons to see if door moves. If yes, contact Renlita.
- Check dimensions on each actuator. If difference of more that 1/2" is present then contact Renlita / EVO Doors.

Problem: Touch Screen displays warning sign "Low Voltage"

- Check battery connections.
- Check indicator lights on battery charger.
- Check Voltage on battery while disconnected from the charger. If below 11.5 Volts then replace battery.