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Tools you will need for this install

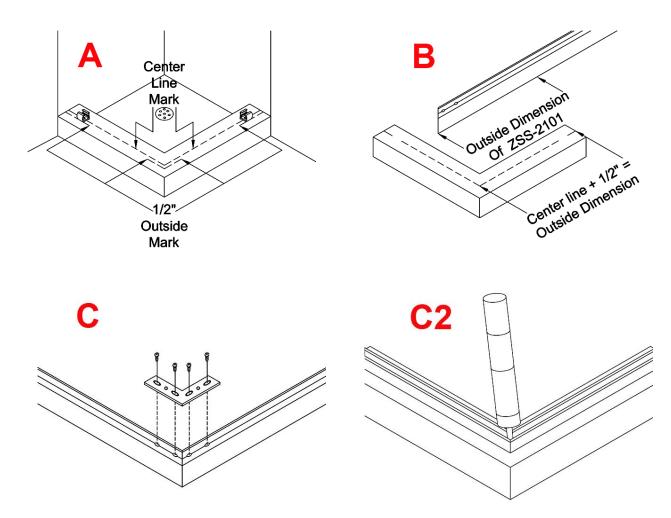
- ✓ Exploded View drawing of shower door
- ✓ 3/16" Masonry drill bit (use 9/64" drill bit for fiberglass)
- ✓ 1/8" drill bit
- ✓ Drill
- ✓ 4' Level
- ✓ Saw (Electric Chop saw or Hacksaw)
- ✓ Side cutting pliers
- √ #2 Phillips drill bit
- √ #2 Phillips screwdriver
- ✓ Tape Measure
- ✓ Pencil or Pen
- ✓ Caulking Gun
- ✓ 1-Tube of 100% Clear Silicone (no latex!)
- √ Vacuum Cleaner or Brush for clean up
- ✓ Glass Cleaner and Paper Towels
- ✓ Rubber Mallet
- ✓ File

INSTALLATION INSTRUCTIONS FOR

MODEL RP-I-90 CLEARVIEW BUTT GLAZE 90° RETURN

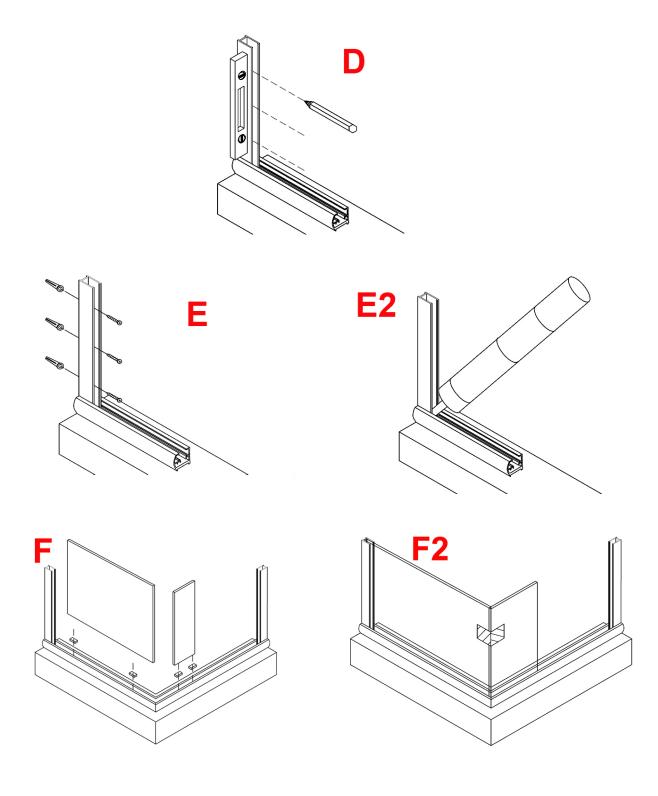
Note: These instructions will refer to the item #'s in the Exploded View drawing. For example, #1, #2, #3 etc... Please read through **all** of the instructions to get an over-view **before** you install the shower door.

1) Find the centerline of where the unit will be installed. This will usually be the center of the curb of the shower pan. Place a mark 1/2" inch to the outside of centerline at each end of the curb where it meets the wall and also at the corner (A). This mark will represent the outside of the ZSS-2101 Curb (item #2 in exploded view) (Note: The ZSS-2101 Curb will have a weep hole drilled into the bottom and inside portion of the extrusion. Depending on the shower style there maybe more than one weep hole). Use the centerline measurements that were given at the time of order to figure your ZSS-2101 sizes. Take the centerline measurement and add 1/2" to get the outside dimension of the ZSS-2101. Measure from the outside edge of the mitered corner, along the outside of the ZSS-2101 to the correct dimension and cut to size (B). Repeat this procedure for the other ZSS-2101 Curb. Lay the curbs on drop cloth or carpet to prevent scratching them. Assemble the two pieces of curb on the floor using the ZH90 90 degree corner clip (#20) and the #8X3/8" Header Curb Bracket Screws (#21). As the curbs are lying open end down, place the ZH90 clip onto the corner and align the miters, corner bracket, and



holes. Fasten the corner together with the #8x3/8" screws and then place the assembled Curb in the position laid out on the shower curb corresponding to the marks that you made. To guard against leakage, make sure to fill with silicone the ends and the corner where the screws were inserted. (C).

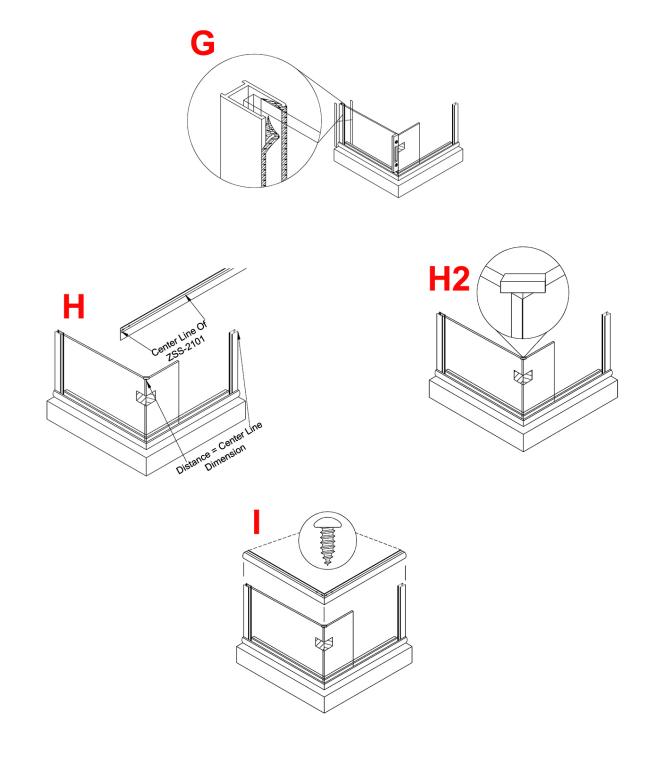
- **2)** Place a Wall Jamb ZD-1006 (#3) against the wall and down into the Curb. Use a level to position the jamb plumb, then mark the installation holes with a pen or pencil (**D**). Repeat this procedure for the other jamb. Now drill the 6 holes with a 3/16" masonry bit (9/64" for fiberglass, & without anchors). Then insert the six (6)-ZV935 screw anchors (#15) in the holes. Fasten the ZD-1006 wall jambs in place using the #8X1-1/4 Phillips Pan Head screws provided (#14). Fill the corner with silicone where the inside of the ZSS-2101 and ZD-1006 meet to protect against water leaks (**E**).
- **3) Butt-Glaze:** Place two Setting Blocks ZV902 (#13) into the Curb on the side of the 90 panel where your panel will be. Insert the Glass into the ZSS-2101 Curb and the ZD-1006 Wall Jamb. Next place two setting blocks ZV902 into the Curb ZSS-2101 where the inline panel will be. Insert the inline glass into the curb and "Butt" the 90° panel to the inline panel. To ensure that the panels do not move, tape (painters tape) the 90° corner together holding the panels in place. **(F)**.
- **4)** Plumb the 90° Corner. Insert the ZV921 Wedge Vinyl (#18) into the vertical jambs on both insides and outside of the glass. (**Note:** At this point only install the ZV921 Wedge Vinyl



into the 90° return panel **not** the inline Panel.) A block of wood will help push the vinyl in. Slightly wet the vinyl with water to ease install. The flat side goes against the glass. Notice the groove that will lock in to the edge of the wall jamb. Make sure the 90° corner is plumb (G).

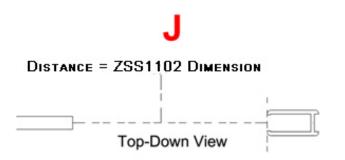
5) Measure from the wall above the ZD-1006 wall jamb, over to the outside corner of the plumbed glass panels. This is your center line measurement of the ZSS-2101 Header. Cut to that dimension. Follow the same procedure for the other header. Assemble the two pieces of header on the floor using the ZH90 90 degree corner clip (#20) and the #8X3/8" Header Curb Bracket Screws (#21). As the headers are lying open end down, place the ZH90 clip onto the corner and align the miters, corner bracket, and holes. Fasten the corner together with the #8x3/8" screws (refer to (C)). Now place a ZV902 setting block at the top of the 90° position where the two glass panels meet.(Note: this will prevent chips and breaks of the two panels) (H). Now place the assembled header pieces over and down onto the vertical posts. Attach the Header to the Wall Jambs from the inside using a 1/8" drill bit to drill through the header and into the wall jambs being extremely careful not to drill into the glass. Secure with the #6X3/8" screws (#16) (1).

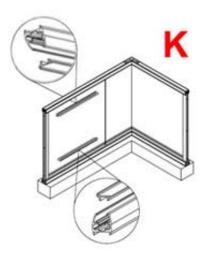
6) Now you need to cut the Snap-In Fillers ZSS1102 (#4). There are a number of ways to calculate the size of the ZSS1102. This simple method will work for standard width as well as custom. Measure the distance in-between the edge of the glass panel and the ZD1006 Wall

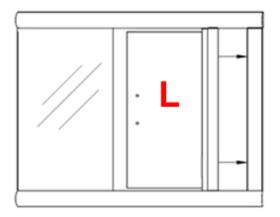


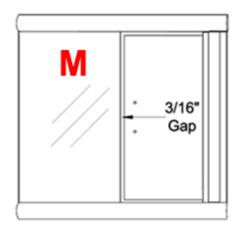
Jamb. This will be the size of your ZSS1102. Cut to that Dimension (J).

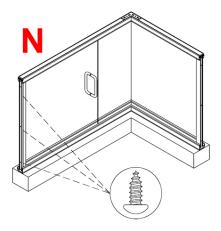
- **7)** Snap the ZSS1102 filler into the ZSS2101 curb piece. There is a small lip on the filler. This faces to the outside of the unit. Next Snap the ZSS1102 filler into the ZSS2101 Header. (K).
- 8) Hang the door. First install the door by sliding the ZD2505A "Door Hinge Jamb" (#10) over the hinge side wall jamb ZD1006. Do not fasten the door at this point. Note: (It will be helpful to have an assistant to adjust and hold the door in place from the outside while you adjust then mark and drill through pre-drilled holes in the ZD2505A to secure the door) (L). (Note: Ensure that the ZD1006 can be seen through the predrilled holes in the ZD2505A and the panel is still pocketed inside the ZD1006 wall jamb. Adjustment is achieved by "sliding" the door back and forth over the ZD1006 wall jamb) Square up the door and align the edge of the door glass parallel with the edge of the glass panel leaving a 3/16" gap between the Panel and the Door Glass (Note: to achieve a more precise measurement of the gap between the panel and door install the ZVP041484MAG (#19) on the panels edge and then adjust the gap to be 1/16" (M). Next attach the door by drilling the three holes on the inside of the unit where the hinge jamb is pre-drilled using a 1/8" drill bit and secure with the 3-#6X3/8" Pan Head screws (#16) (N)





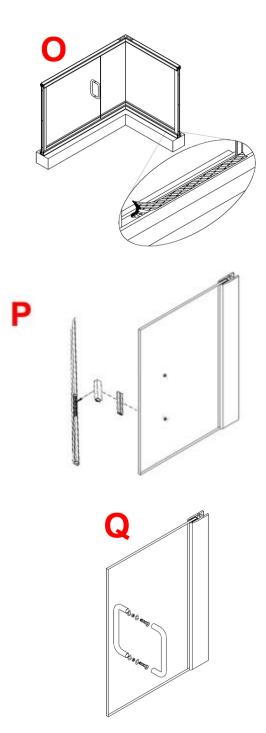






9) Next insert the ZV922 (#17) Horizontal Wedge Vinyl into the header and curb in between the metal and glass without stretching it, both inside and out, top and bottom on both the inline and return panels. Notice the locking groove (O).

10) Attaching the MAG4012 and ASD 8x8 Handle. First you will need to attach the MAG4012 (#4) by placing the ZV 916 for 1/4" glass (#23) over the edge of the glass then tapping the MAG4012 over the gasket and on to the glass with a rubber mallet aligning it to the magnet on the ZVP041484MAG (P). Next attach the ASD 8X8 Handle (#27). Take the two stud head mounting screws and sleeve one clear washer on each screw. Next, insert the clear grommets into the holes in the door. From the outside of the door, push the thread of the screws through the grommets in the holes in the glass. On the inside of the door, sleeve a clear washer onto the screws. Take the pull that has the threaded hole in the end and begin to thread the top screw into it and then the bottom screw. Tighten the stud head screws down with a screwdriver (not a drill). This pull will be on the inside of the door. Place the remaining pull, with the large holes and set screw, onto the stud heads of the screws. Tighten the set screws with Allen wrench provided. (Q).



- 11) NOTE: if the door was ordered hinge specific, this step may already be done. If so skip to 12. Cut the Bottom Poly Rail (ZVP-316WS for 3/16" glass, ZVP-14WS for 1/4" glass) then push over the bottom edge of the glass (R). Run a cap bead of silicone on the inside where the metal and poly meet to prevent water seeping out of the enclosure.
- 12) Now you will need to install the Poly Rail ZVP041484MAG (#19) by measuring the Gap inbetween the Curb filler ZSS1102 and Header filler ZSS1102 pieces. (Note: the ZVP041484MAG may already be cut to size) Cut the ZVP041484MAG to this measurement and then slide the ZVP041484MAG over the exposed side of the glass panel that was previously installed (S).(Note: to ensure proper installation of the ZVP041484MAG the strike portion should align with the inside edge of the glass panel)
- **13)** Run a bead of silicone on the gap between the metal and the shower surface inside and out around the entire unit. Fill all joints and gaps where metal meets metal and fill with a fine bead **(T)**.

