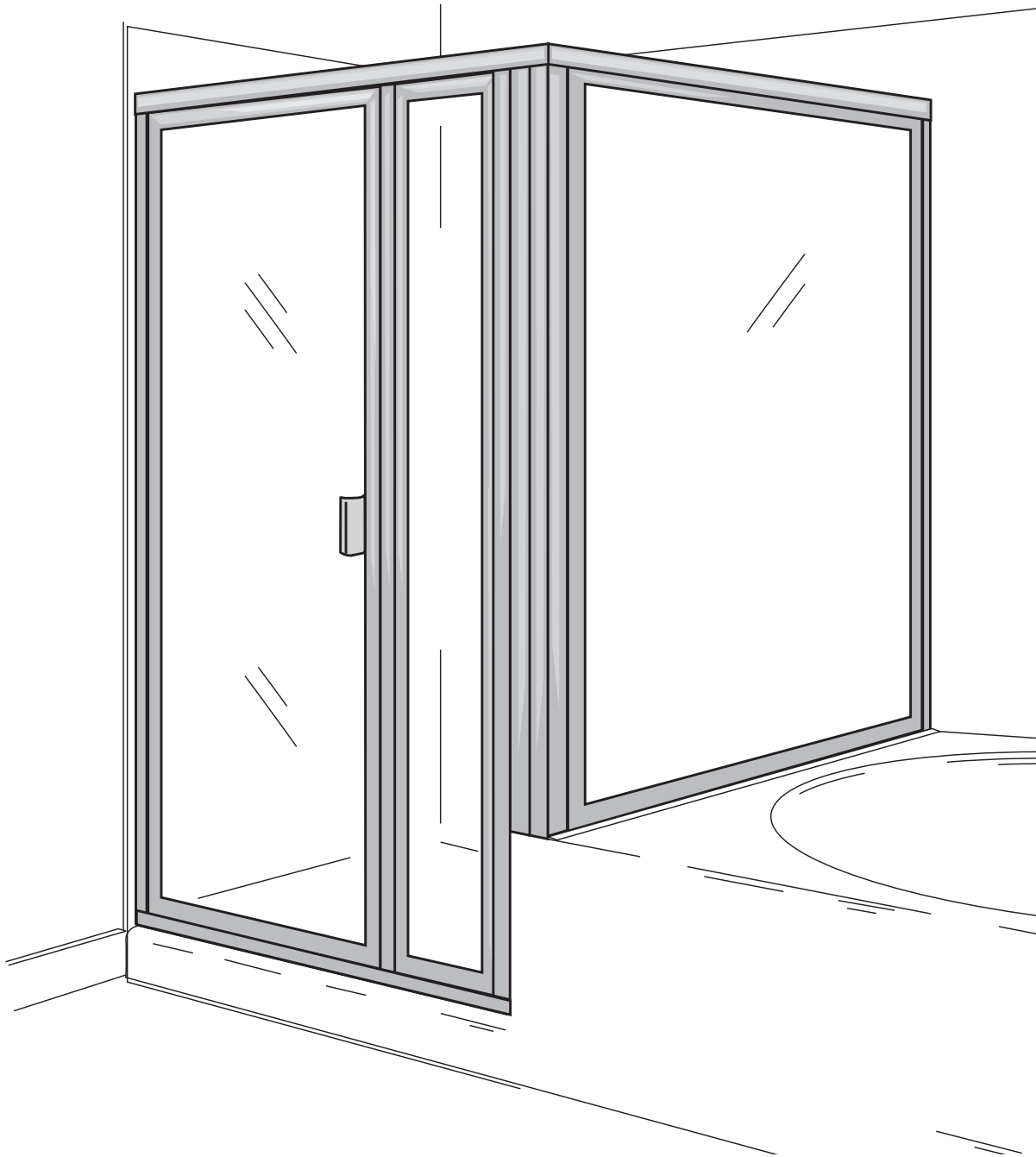


8023-GP

**Swing Door with In-Line Panel and
End Return Step-Up Panel**



Technical Assistance is available Monday - Friday, 8:00 a.m. - 5:00 p.m. (Central Time)

1-877-723-7190 (Toll Free)

PARTS LIST

FRAME PACKAGE

KEY	DESCRIPTION	PART	QTY
A	SILL	A855	1
B	JAMB	A908	2
C	BUTTRESS JAMB	A942	1
D	HEADER	A101	2
E	DRIP RAIL	A710	1
F	CORNER POST	A929	1
G	MAGNETIC DOOR STOP	A954	1
H	DRIP RAIL TAPE (l)	HT52	1
I	DRIP RAIL VINYL SWEEP	VS91	1
J	MAGNETIC STRIP	H170	1
K	EXPANDER	A909	1
L	DOUBLE CHANNEL	A911	1

HARDWARE BAG

R	DRIP RAIL PLUG	HA28	1
M	ANCHOR	H002	10
N	8A X 1 1/4 FLAT HEAD SCREW	H810	2
O	8A X 1 1/4 PAN HEAD SCREW	H480	8
P	8A X 3/8 TRUSS HEAD SCREW	H470	36
Q	ALUMINUM GUSSET	AG90	1
Z**	PULL HANDLE KIT **	HSAD	1
	EXTERIOR PULL HANDLE	HA31	1
	INTERIOR PULL HANDLE	HA32	1
	6-32 X 1 1/4 PAN HEAD SCREW	H485	2

(l) Pre-Installed

** May be Pre-Installed

TOOLS NEEDED

1/8" Drill Bit
 3/16" Drill Bit
 (3/16" Masonry Bit for
 Ceramic Tile)
 Pencil
 Measuring Tape
 Hacksaw
 Phillips Screw Driver
 Silicone Caulk
 File
 Drill
 Level
 Masking Tape

Before starting installation of your new enclosure, carefully read all instructions and lay out parts to become familiar with their identity. Installation is a manageable task for an experienced "Do-It-Yourselfer" and a helper.

USE OF ANCHORS

Anchors are furnished with every enclosure. However, the use of anchors is not recommended when attaching your enclosure to a fiberglass unit or wall surrounds with board reinforced mounting areas. Mounting holes in this case should be drilled with an 1/8" drill bit.

Mounting of this unit on tile requires the use of anchors. Special care must be taken not to crack the tile. Before drilling holes in the tile, lightly chip glazed surface of tile at the desired locations. Drill holes using a 3/16" masonry drill bit. Insert anchors into the holes making certain that ring on large end of anchor meets the surface of the tile.

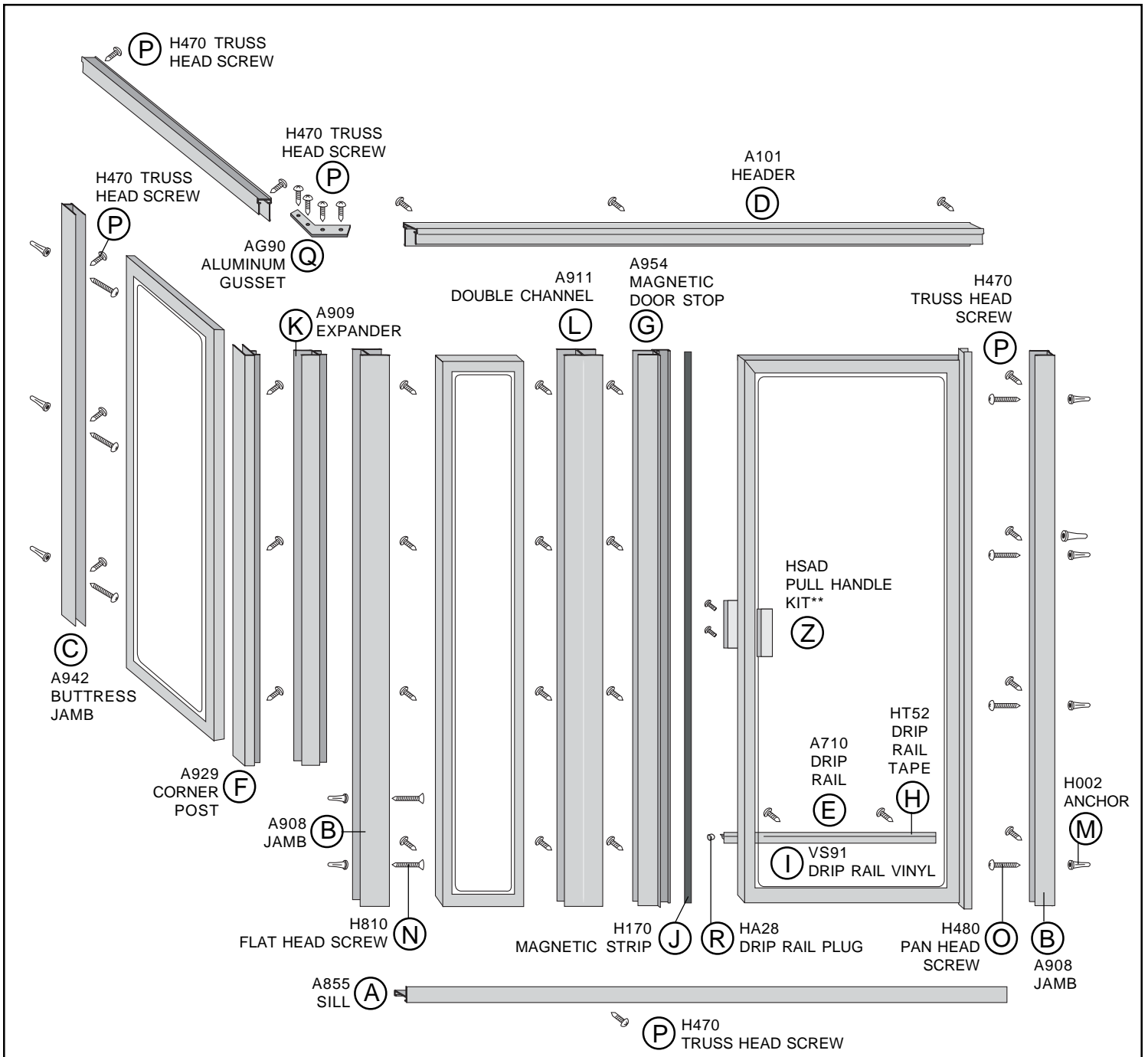
CLEANING

Cleaning and care of your enclosure is important to its lasting beauty. We suggest using a nonabrasive liquid cleaner.
Never use scouring powder or pads.

SEALING

The use of a caulking compound can assure a water-tight seal when applied along outside edge of the enclosure where metal and bath meet. If desired, caulk inside of enclosure where jambs meet walls.


**Do not try to cut the mirrors or glass used in this enclosure.
 Tempered glass and mirrors will disintegrate if cut.**



OUTSIDE OF SHOWER

** May be Pre-Installed

Before beginning installation of this enclosure, make certain that joint between tub and shower along top of threshold is caulked (under location of sill).

(O)  **8A x 1 1/4 Pan Head Screw**
(H480 - Used for Jamb)

(N)  **8A x 1 1/4 Flat Head Screw**
(H810 - Used for Jamb)

(P)  **8A x 3/8 Truss Head Screw**
(H470 - Used for Header, Jamb to Panels, Door Stops to Panels and to Attach Drip Rail)

(Z)  **6-32 x 1 1/4 Pan Head Screw****
(H485 - Used for Pull Handle)

1

Sill (A)

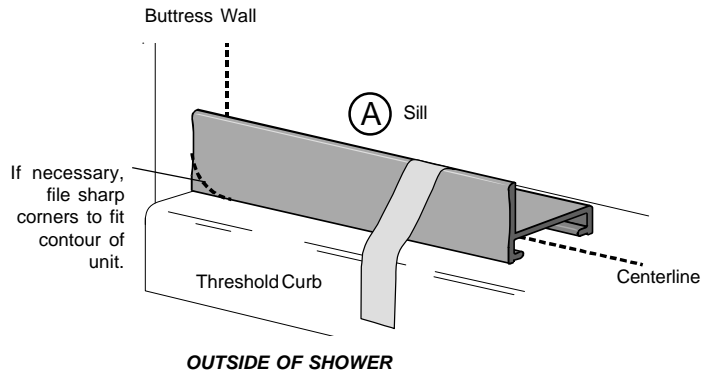
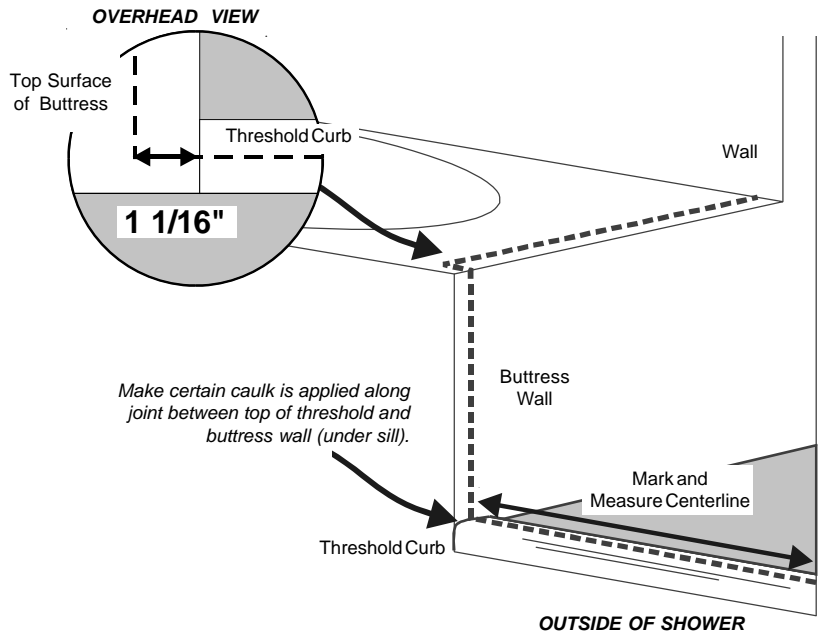
Due to the manufacturing process, there may be rack marks present at one end of your sill or header. Sill and header must be trimmed to fit your individual opening. When cutting sill and header, make certain to trim off end with rack marks.

The ideal location for the door sill is straddling the centerline of the threshold curb of your base. Locate centerline on threshold curb and mark using a china marker. Continue to mark centerline up side of butress wall using level to make certain line is straight and plumb. At top surface of butress, continue centerline straight across (as drawn on threshold curb) for 1 1/16". At 1 1/16", turn line to be parallel with butress edge as shown.

Measure opening (centerline) on threshold curb of base and record measurement in "Sill Cut Length" box below for later use. Cut sill (A) to that measurement. If necessary, file sharp corner to fit contour of your unit.

Place sill on threshold straddling centerline, with tall edge toward outside of shower. Tape sill to threshold with masking tape to hold in place while positioning jamba.

Sill Cut Length



2

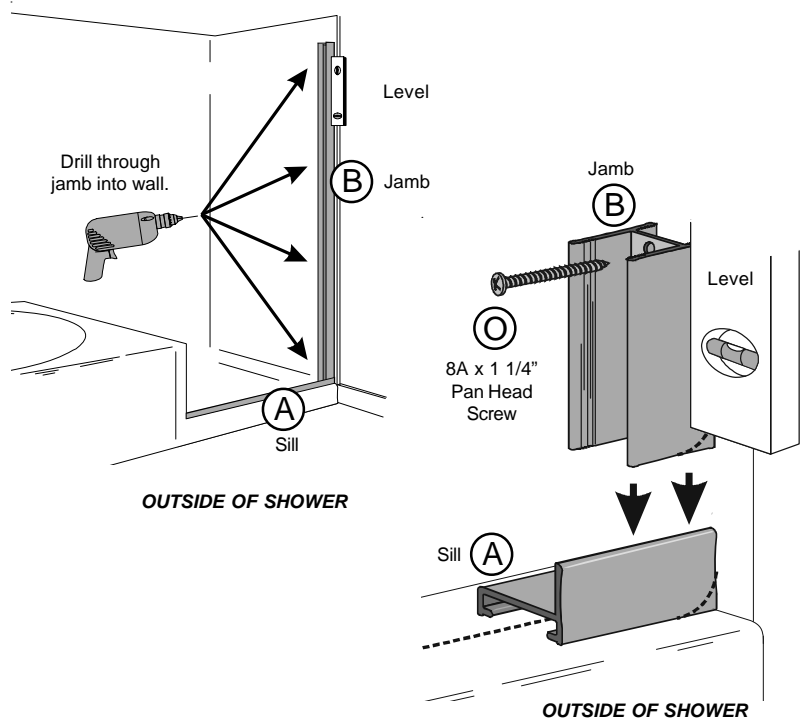
Jamb (B)

When anchors (M) are used holes should be drilled using 3/16" drill bit. (Use masonry bit for tile.)

Position one long jamb (B) against wall with bottom resting on sill.

Align jamb vertically using a level. Holding jamb securely against wall, drill 4 mounting holes through jamb into wall using 1/8" drill bit.

Mount jamb to wall using 8A x 1 1/4" pan head screws (O).

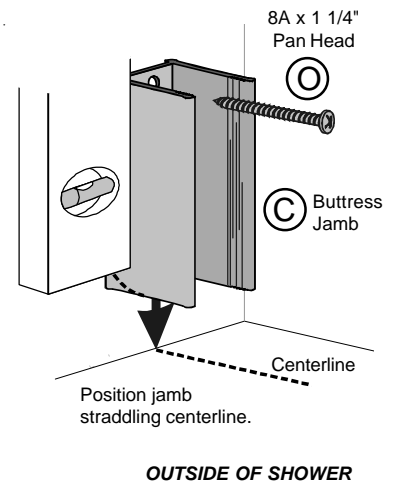
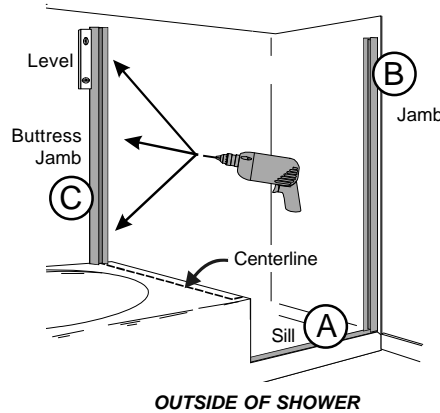


3

Buttress Jamb (C)

Position short **buttress jamb** (C) against wall on top of tub/buttruss surface. Jamb should straddle centerline.

Align jamb vertically using a level. Holding jamb securely against wall, drill 3 mounting holes through jamb into wall using 1/8" drill bit. Mount jamb to wall using 8A x 1 1/4" pan head screws (O).

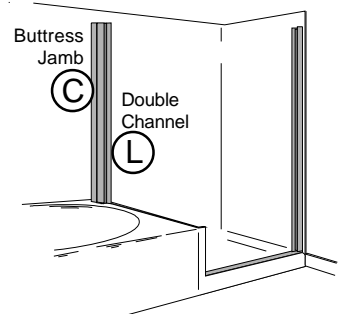
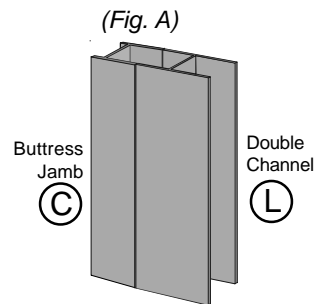


4

Plumbness of Walls

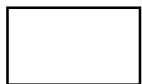
Check for plumbness of walls by holding **double channel** (L) against buttress jamb on **tub-side of unit** with bottom resting on top of tub/buttruss surface and long vertical edges butted together. Use level to plumb double channel.

If double channel falls flush against buttress jamb along their entire length, your walls are plumb. (Fig. A)

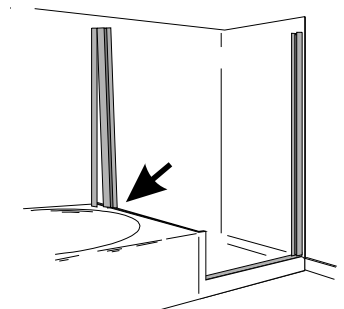
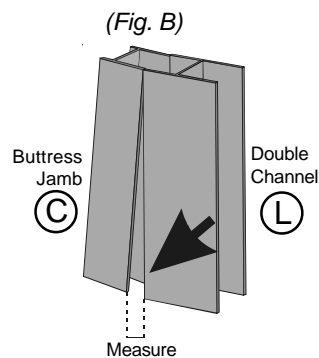


If double channel and buttress jamb meet at top but have a gap between them at the bottom, measure width of that gap and record in "Tub-Side" box. (Fig. B)

**Tub-Side
Width of
Bottom Gap**

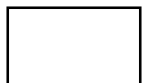


**Door-Side
Width of
Bottom Gap**

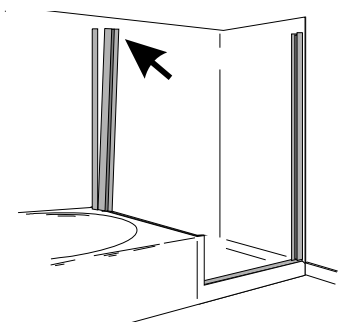
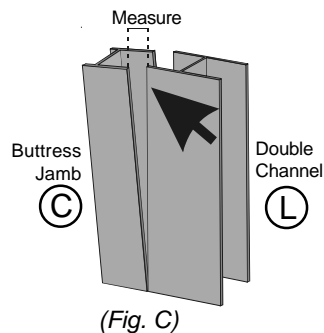
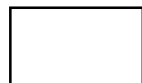


If double channel and buttress jamb meet at bottom but have a gap between them at the top, measure width of that gap and record in "Tub-Side" box. (Fig. C)

**Tub-Side
Width of
Top Gap**



**Door-Side
Width of
Top Gap**



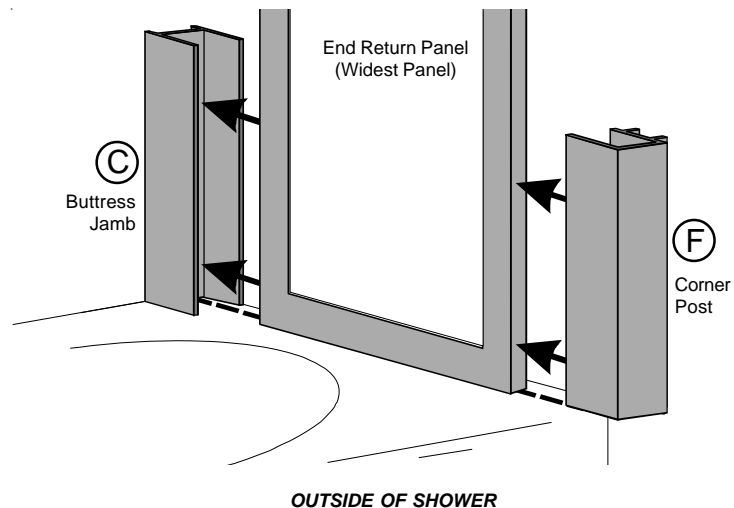
Repeat for wall on **door-side of unit**, recording measurements in "Door-Side" boxes. These measurements will be important in determining header cut lengths in Step 8.

5

End Return Panel / Corner Post (F)

Slide **end return panel** (widest panel) into buttress jamb (on tub-side of unit) with bottom straddling centerline on top of tub/buttruss surface.

Slide **corner post** (F) into place on panel, with bottom of post straddling centerline on tub/buttruss surface.



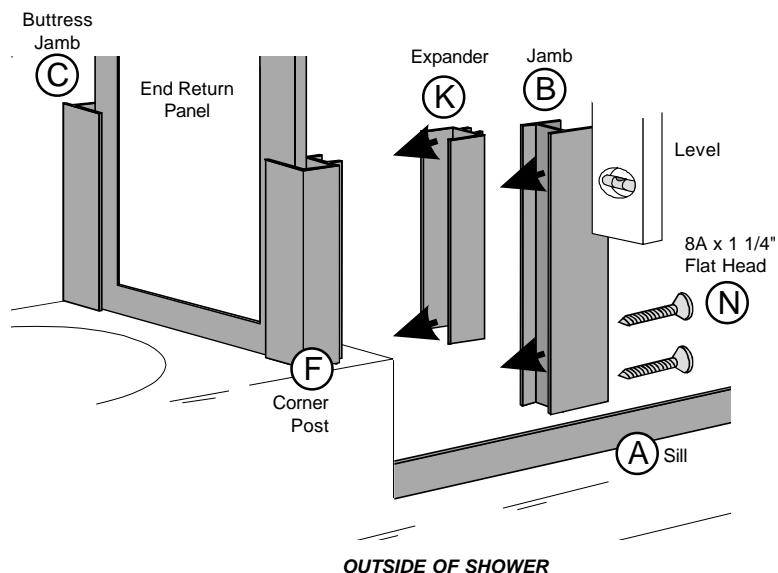
6

Expander (K) / Jamb (B)

Snap **expander** (K) onto corner post with bottom of expander straddling centerline on top of tub/buttruss surface.

Snap **jamb** (B) onto expander with bottom resting on sill and top flush with top of corner post and expander.

Align jamb vertically (in front to back direction) using a level. Holding jamb firmly against wall, drill 2 mounting holes through jamb into buttress wall using 1/8" drill bit. Mount jamb to buttress wall using **8A x 1 1/4" flat head screws** (N).

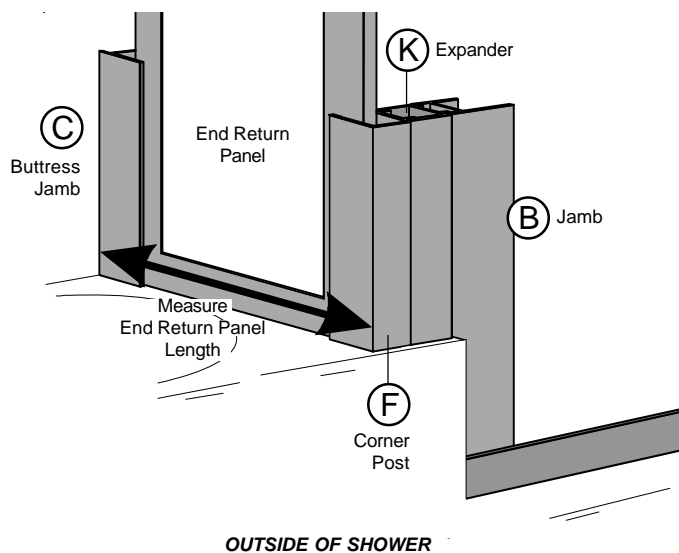


7

Expander (K) / Jamb (B)

Measure from back wall to front surface of corner post and record measurement below. This will be important in determining header cut length in Step 8.

End Return Panel Length



8

Header (D)

Cut lengths for door-side and tub-side headers may not be equal and must be determined separately.

For **door-side** header, begin with "Sill Cut Length" from Step 1.

If, in Step 4, you determined (using jamb and double channel) that your wall on the door-side was plumb, the "Door-Side Header Cut Length" will be the same measurement as your "Sill Cut Length" (from Step 1) plus 1 3/8".

$$\begin{array}{c} \text{Sill} \\ \text{Cut Length} \end{array} + 1 \frac{3}{8}" = \begin{array}{c} \text{Door-Side} \\ \text{Header Cut Length} \end{array}$$

If you showed a gap at the bottom of jamb and double channel, subtract the width of that gap from your "Sill Cut Length" and add 1 3/8" to find your "Door-Side Header Cut Length".

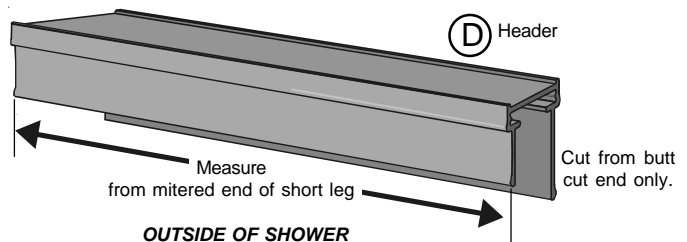
$$\begin{array}{c} \text{Sill} \\ \text{Cut Length} \end{array} - \begin{array}{c} \text{Width of} \\ \text{Bottom Gap} \end{array} + 1 \frac{3}{8}" = \begin{array}{c} \text{Door-Side} \\ \text{Header Cut Length} \end{array}$$

If you showed a gap at the top of the jamb and double channel, add the width of that gap to your "Sill Cut Length", and add 1 3/8" to find your "Door-Side Header Cut Length".

$$\begin{array}{c} \text{Sill} \\ \text{Cut Length} \end{array} + \begin{array}{c} \text{Width of} \\ \text{Top Gap} \end{array} + 1 \frac{3}{8}" = \begin{array}{c} \text{Door-Side} \\ \text{Header Cut Length} \end{array}$$

Cut door-side and tub-side headers to their determined lengths, measuring from the longest point (mitered end) of the short leg, and cutting from the butt cut (straight) end.

Mitered End



For **tub-side** header, begin with "End Return Panel Length" from Step 7.

If, in Step 4, you determined (using jamb and double channel) that your wall on the tub-side was plumb, the "Tub-Side Header Cut Length" will be the same measurement as your "End Return Panel Length" (from Step 7).

$$\begin{array}{c} \text{End Return Panel} \\ \text{Length} \end{array} = \begin{array}{c} \text{Tub-Side} \\ \text{Header Cut Length} \end{array}$$

If you showed a gap at the bottom of jamb and double channel, subtract the width of that gap from your "End Return Panel Length" to find your "Tub-Side Header Cut Length".

$$\begin{array}{c} \text{End Return Panel} \\ \text{Length} \end{array} - \begin{array}{c} \text{Width of} \\ \text{Bottom Gap} \end{array} = \begin{array}{c} \text{Tub-Side} \\ \text{Header Cut Length} \end{array}$$

If you showed a gap at the top of the jamb and double channel, add the width of that gap to your "End Return Panel Length" to find your "Tub-Side Header Cut Length".

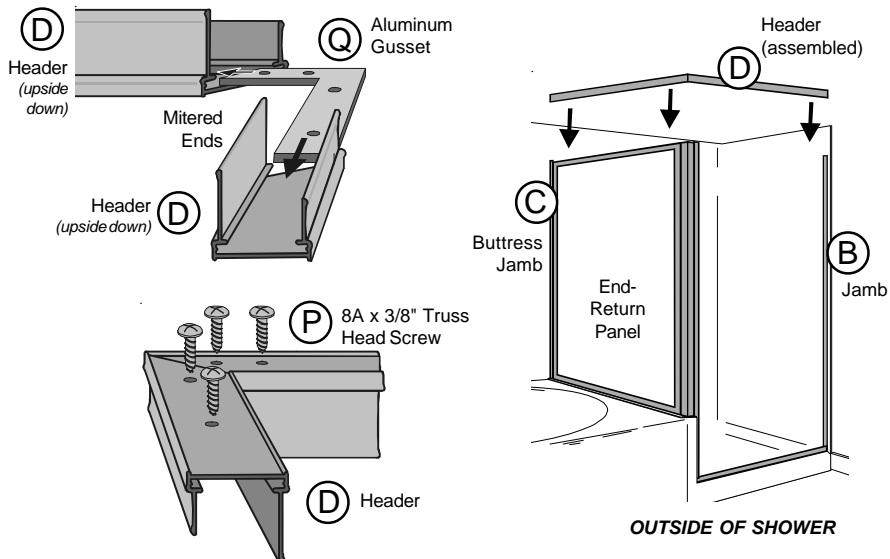
$$\begin{array}{c} \text{End Return Panel} \\ \text{Length} \end{array} + \begin{array}{c} \text{Width of} \\ \text{Top Gap} \end{array} = \begin{array}{c} \text{Tub-Side} \\ \text{Header Cut Length} \end{array}$$

9

Header (D)

With **header** pieces (D) in upside down position, slide **aluminum gusset** (Q) into mitered end of each piece, making certain that corners meet squarely. Using gusset as a template, mark and drill holes through gusset into header using 1/8" drill bit.

Turn header right side up and secure header to gusset from top surface of header using **8A x 3/8" truss head screws** (P). Lower header into place on top of unit.



10

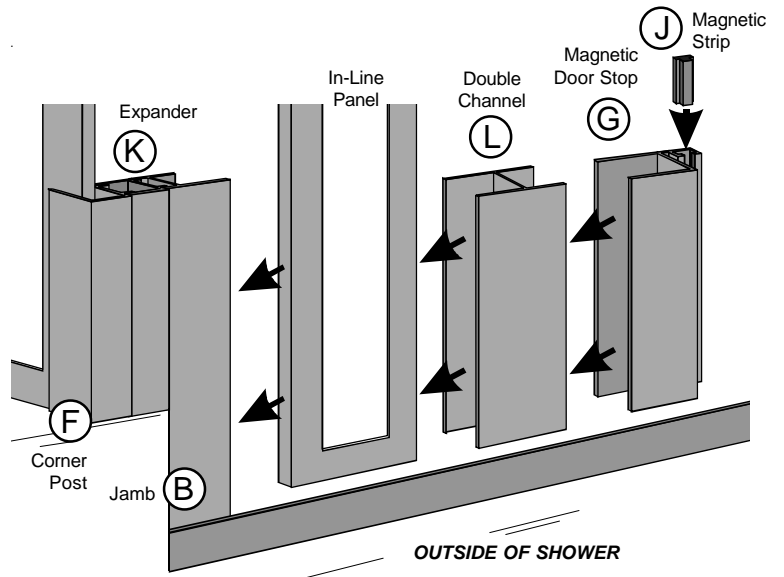
In-Line Panel
 Double Channel (L)
 Magnetic Door Stop (G)

Position **in-line panel** (narrowest panel) into header and panel jamb, with bottom resting on sill.

Position **double channel** (L) onto in-line panel.

Slide **magnetic strip** (J) into slot of **magnetic door stop** (G). Trim ends even with door stop using scissors.

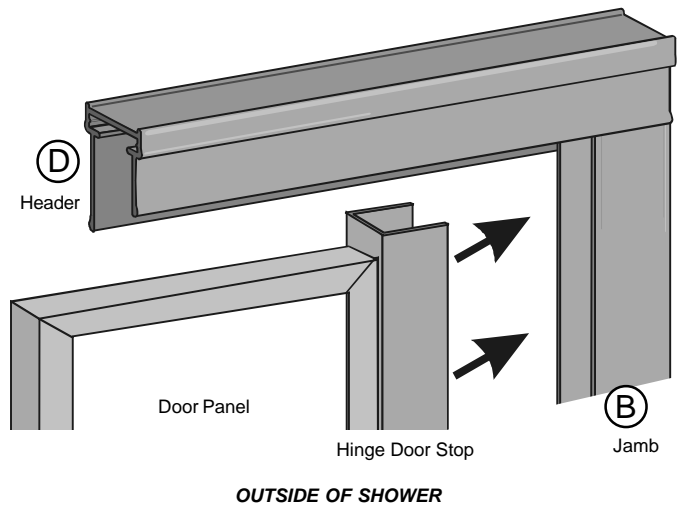
Insert magnetic door stop into double channel with magnetic strip facing outside of shower.



11

Door Panel / Hinge Door Stop

Position **hinge door stop** (with door attached) into jamb. For safety purposes, door should be installed to open out from shower.

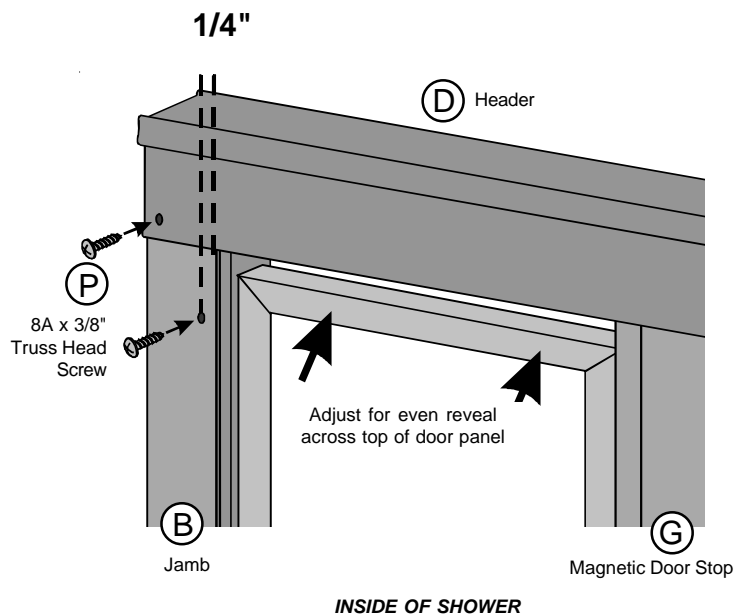


12

Securing Hinge Door Stop

Adjust door and hinge door stop in jamb until there is an even reveal of open space across top of door (between top of door panel and header), and hinge door stop is seated securely in jamb. Once desired alignment has been achieved, from inside of shower, drill through header into jamb and secure using **8A x 3/8" truss head screws** (P).

Also from inside of shower, drill four evenly spaced holes through leg of jamb (1/4" from edge) into hinge door stop using 1/8" drill bit. Attach using 8A x 3/8" truss head screws.



13

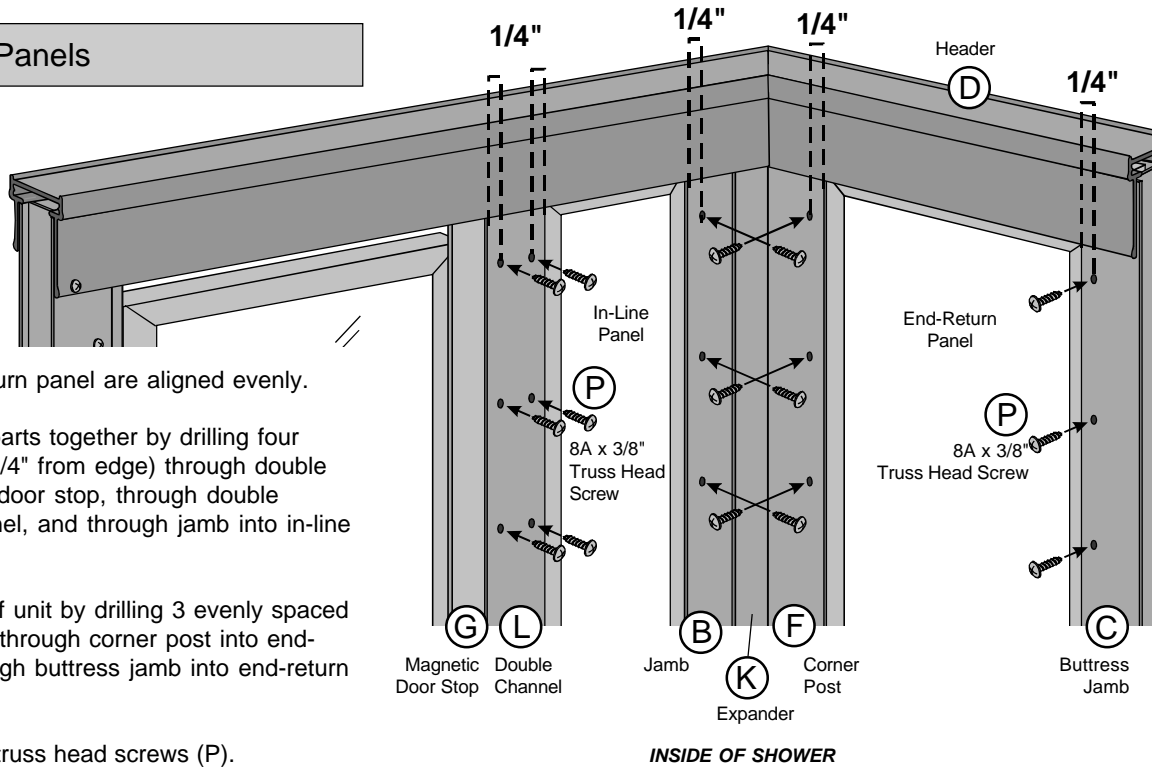
Securing Panels

Continue adjustments across unit, making certain that magnetic strip in magnetic door stop aligns evenly with magnetic strip on door panel, and that double channel, in-line panel, and end-return panel are aligned evenly.

Once aligned, secure parts together by drilling four evenly spaced holes (1/4" from edge) through double channel into magnetic door stop, through double channel into in-line panel, and through jamb into in-line panel.

Continue across side of unit by drilling 3 evenly spaced holes (1/4" from edge) through corner post into end-return panel, and through buttress jamb into end-return panel.

Attach using 8A x 3/8" truss head screws (P).

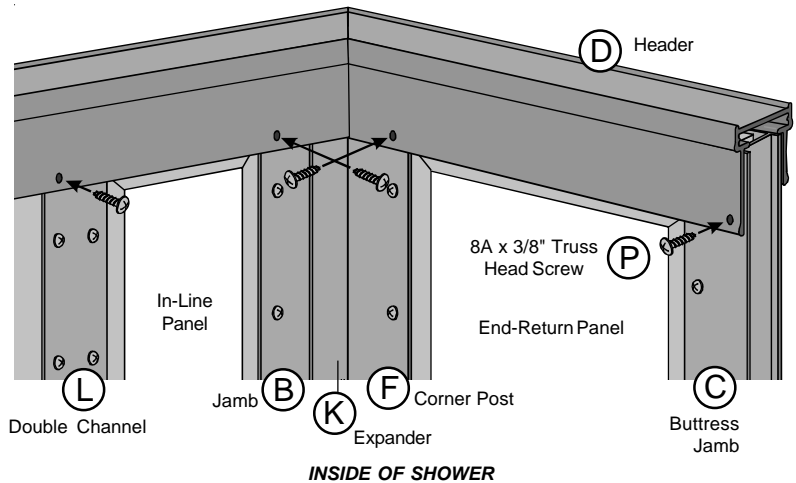


14

Securing Header

Attach header to verticals by drilling, from inside of shower, through header into jambs. Secure using 8A x 3/8" truss head screws (P).

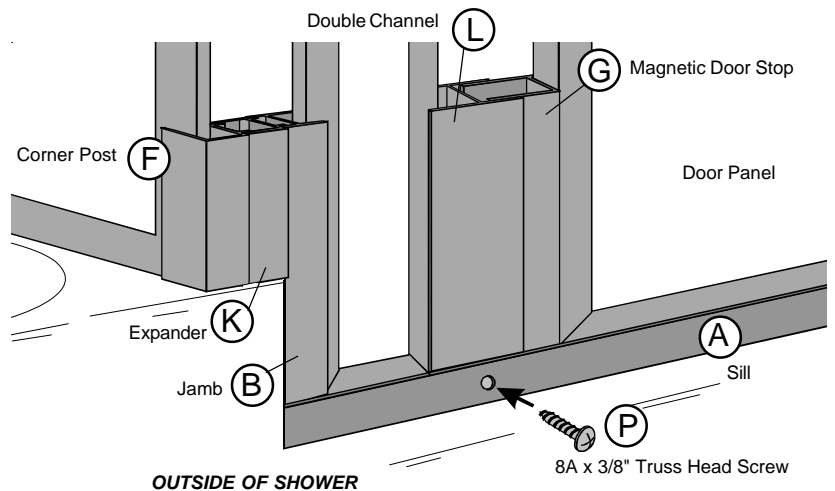
Continue by drilling through header into corner post, panel jamb, and double channel. Secure using 8A x 3/8" truss head screws.



15

Securing Sill

Secure sill by drilling, from outside of shower, through sill into double channel. Secure using 8A x 3/8" truss head screw (P).

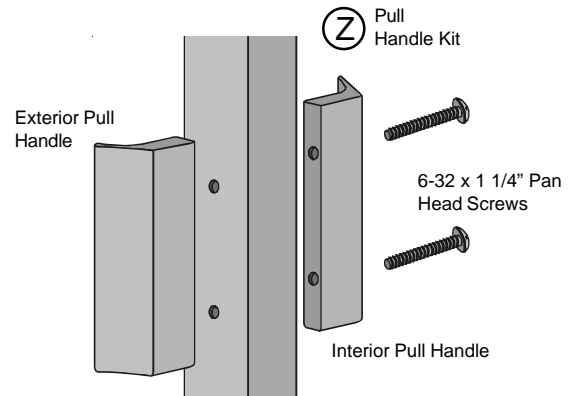


16

Pull Handle Kit (Z)

Handle for your door may be pre-installed. If so, disregard this step and continue installation.

Mount **pull handles**, from **pull handle kit (Z)**, using **6-32 x 1 1/4" pan head screws** provided. Screw heads should be on the inside of shower.

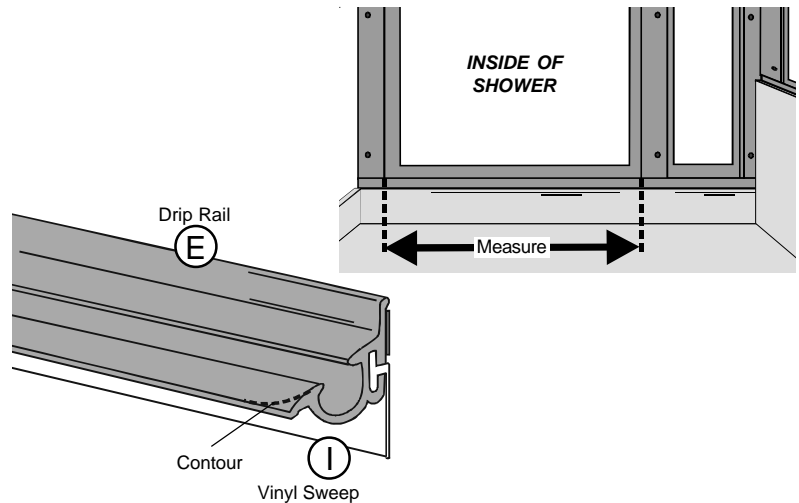


17

Drip Rail (E)

From inside shower, measure width of door panel at bottom. **Drip rail (E)** should be 1/2" shorter than door panel width. If longer, cut to proper length.

Slide **vinyl sweep (I)** into slot on back of drip rail. Trim ends even with edges of drip rail. Smooth cut end of drip cap fin with a file to remove sharp point.



18

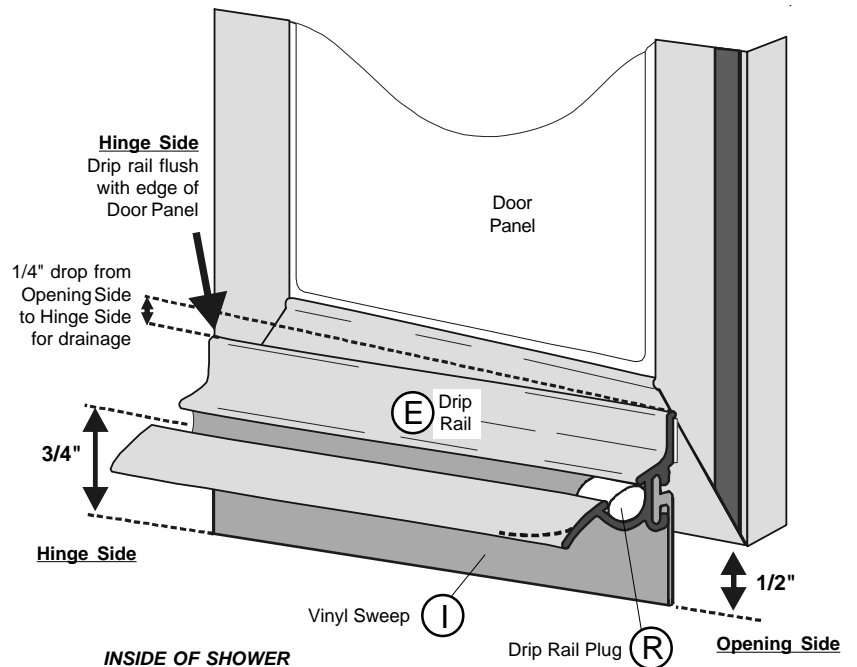
Drip Rail (E)

Clean bottom channel of door before mounting drip rail. After mounting, do not remove or reposition. Allow 72 hours curing time for maximum bond.

Position drip rail on inside surface of door panel as described below:

- **Side-to-side placement:** Edge of drip rail should be flush with edge of door panel on hinge side of door.
- **Vertical placement:** Vinyl sweep should extend 1/2" below bottom of door panel on **opening side**. Angle drip rail so that vinyl sweep extends 3/4" below bottom of door panel on **hinge side**. This will create an 1/4" slope from opening to hinge side for water drainage.

Mark position. Remove drip rail from door. Peel protective cover from tape, and press into place. Insert **drip rail plug (R)** into groove of drip rail on opening side of door.



Drip rail may be additionally secured using 8A x 3/8" truss head screws. When drilling in door panel, make certain drill does not hit glass. Glass is seated approximately 1/2" into channel.

19 Caulking

The use of a caulking compound will assure a watertight seal. Apply caulk along outside edge of enclosure where metal and shower meet, especially where sill meets threshold. If desired, caulk inside of enclosure where jambs meet walls.

On opening side of door, caulk joint on sill where magnetic door stop and sill meet. On opposite side, caulk where hinge door stop and sill meet.

