

8013-GP

**Swing Door with In-Line Panel
and End Return 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	2
B	JAMB	A942	2
C	HEADER	A101	2
D	CORNER POST	A934	1
E	MAGNETIC DOOR STOP	A954	1
F	DOUBLE CHANNEL	A911	1
G	DRIP RAIL	A710	1
H	DRIP RAIL VINYL	VS91	1
I*	DRIP RAIL TAPE	HT52	1
J	MAGNETIC STRIP	H170	1

HARDWARE BAG

K	8A X 1 1/4 PAN HEAD SCREW	H480	8
L	8A X 1 1/4 FLAT HEAD SCREW	H810	4
M	8A X 3/8 TRUSS HEAD SCREW	H470	40
N	ANCHORS	H002	12
P	DRIP RAIL PLUG	HA28	1
Q	PLASTIC GUSSET	HG90	1
R	METAL 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

* 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.

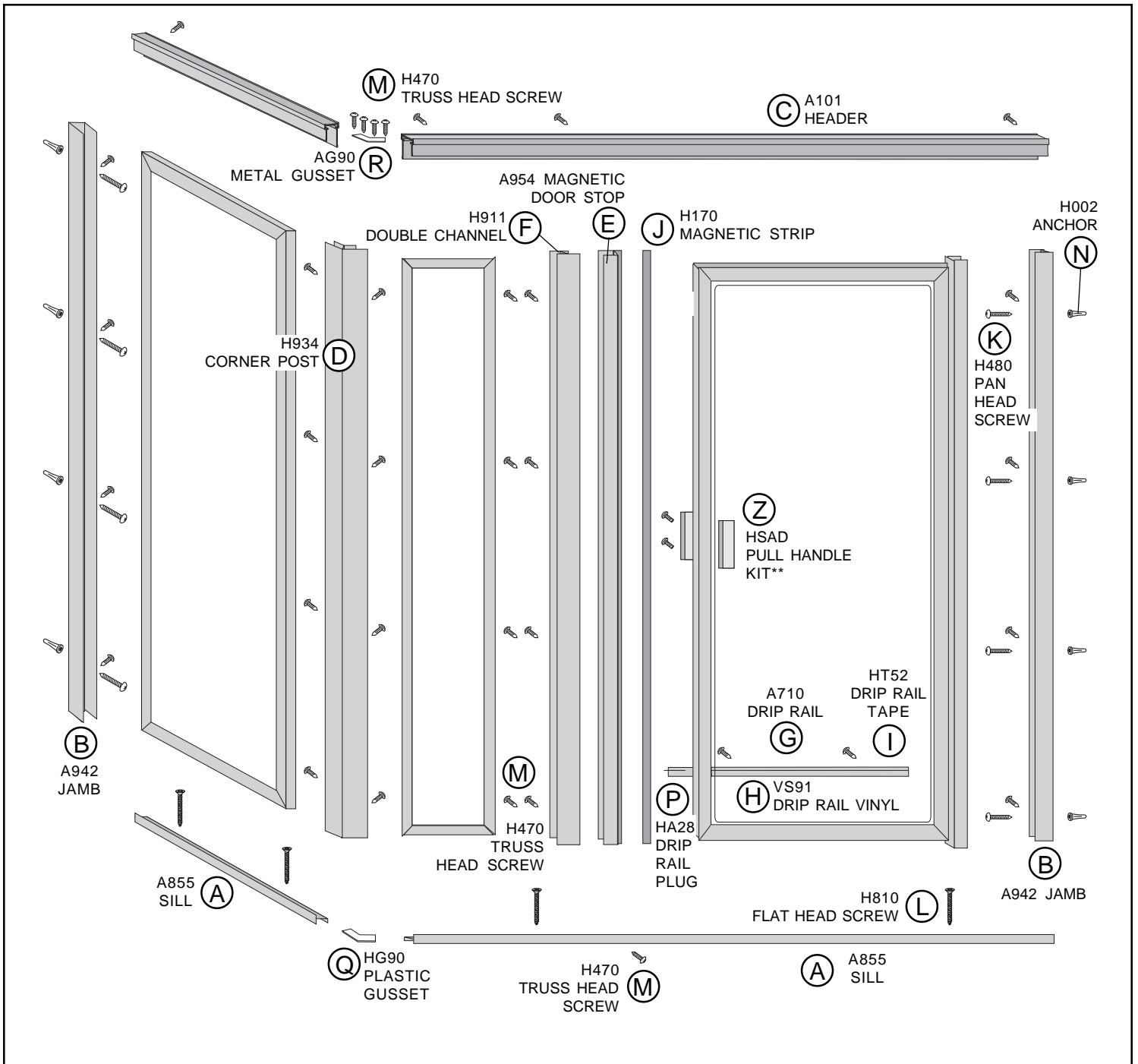
CLEANING

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

(K) 8A x 1 1/4 Pan Head Screw
(H480 - Used for Jambs)

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

(M) 8A x 3/8 Truss Head Screw
(H470 - Used for Header, Jambs 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 Verify Measurements

Do not cut parts or drill holes in base or walls until you have determined that this enclosure will fit your base.

Measure width of your largest panel. Write measurement here and add 1" to find your **Minimum Sill Length A**. Add another inch to find your **Maximum Sill Length B**.

To determine the location of sill on your base, lay out the following dimensions on the top surface of your base curb:

a. Measure 1/2" from outside edge of base curb and lightly draw a line. This is your **Maximum Sill Location C**. Measure line and record measurement here.



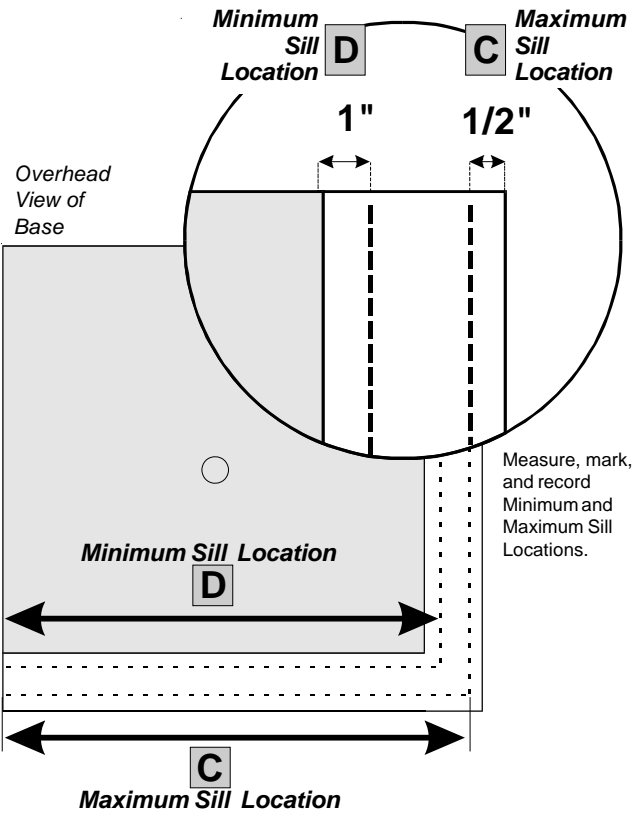
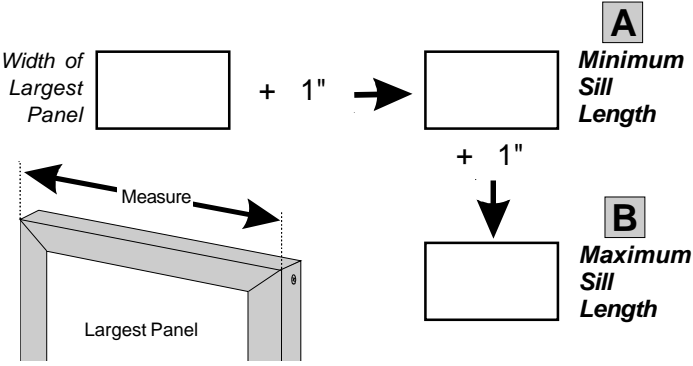
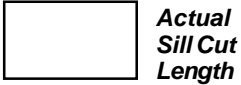
b. Measure 1" from inside edge of base curb and lightly draw line. This is your **Minimum Sill Location D**. Measure line and record measurement here.



If your **Minimum Sill Length A** falls between **Minimum Sill Location C** and **Maximum Sill Location D**, this enclosure will fit your base and **Minimum Sill Length A** will be the cut length for your sills.

Note: **Minimum Sill Length** is the best length for your sills in that it makes for the tightest fitting unit. However, if your **Maximum Sill Length B** falls between **C** and **D**, this enclosure will still fit your base and you may choose to increase the sill length (from Minimum Sill Length A) for better placement on your base curb. Use the closest measurement to **Minimum Sill Length A** that falls between **C** and **D**, not exceeding **Maximum Sill Length B**, as the cut length for your sills.

Record the actual cut length of your sills here.

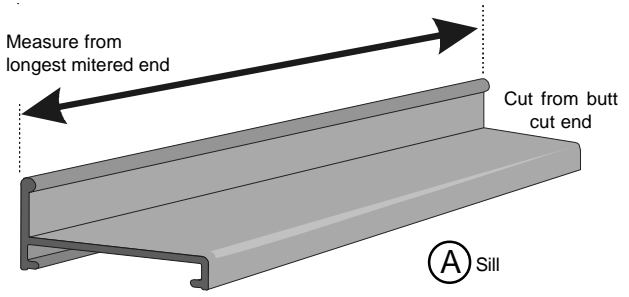


Measure, mark, and record Minimum and Maximum Sill Locations.

2 Sill (A)

Due to the manufacturing process, there may be rack marks present at one end of your sill and 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.

After determining sill length, cut both **sill (A)** pieces. Measure from the longest point of the mitered end, and cut from the butt cut (straight) end.



3

Sill (A)

Join sill pieces together at mitered ends using **plastic gusset (Q)**. Make certain that corners meet squarely.

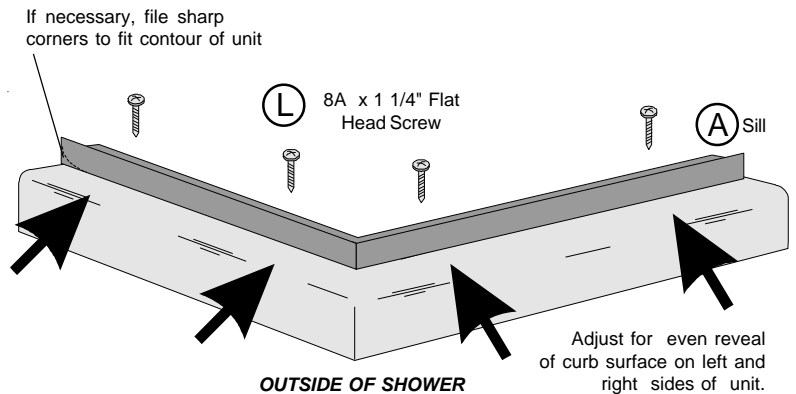
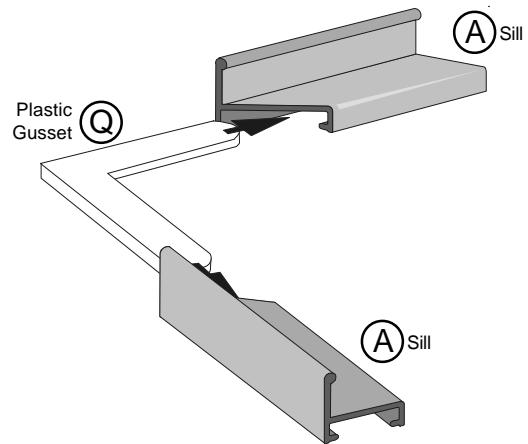
Place sill on base curb with butt cut ends against wall. Adjust so that the reveal of curb surface is even on left and right sides of unit. Sill should fit between Minimum Sill Location **D** and Maximum Sill Location **C** drawn on curb in Step 1.

If necessary, file sharp corners of sill to fit contour of your unit.

Mark curb through pre-punched holes in sill. Remove sill from base and drill holes where marked using 1/8" drill bit.

Reposition sill on base curb and secure using **8A x 1 1/4" flat head screws (L)**.

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



4

Jambs (B)

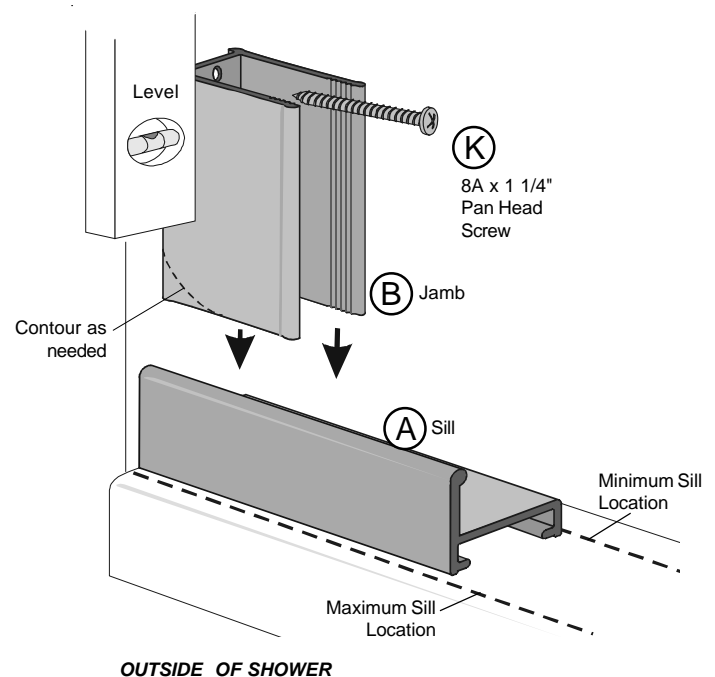
When anchors (N) are used holes should be drilled using 3/16" drill bit. (Use masonry bit for tile.)

Place one **jamb (B)** on sill with short legs against wall.

Align jamb vertically using a level and mark wall through prepunched holes. If necessary, file back edge (short legs) of jambs to fit contour of your unit.

Repeat procedure for remaining jamb on opposite side.

Remove jambs from shower and drill where marked using 1/8" drill bit. Reposition jambs and secure using **8A x 1 1/4" pan head screws (K)**.



5

Check for Wall Plumb

Check for plumb of wall by holding **double channel** (F) against **left** wall jamb with bottom resting on sill and long vertical edges butted together.

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

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

**Left Side
Width of
Bottom Gap**

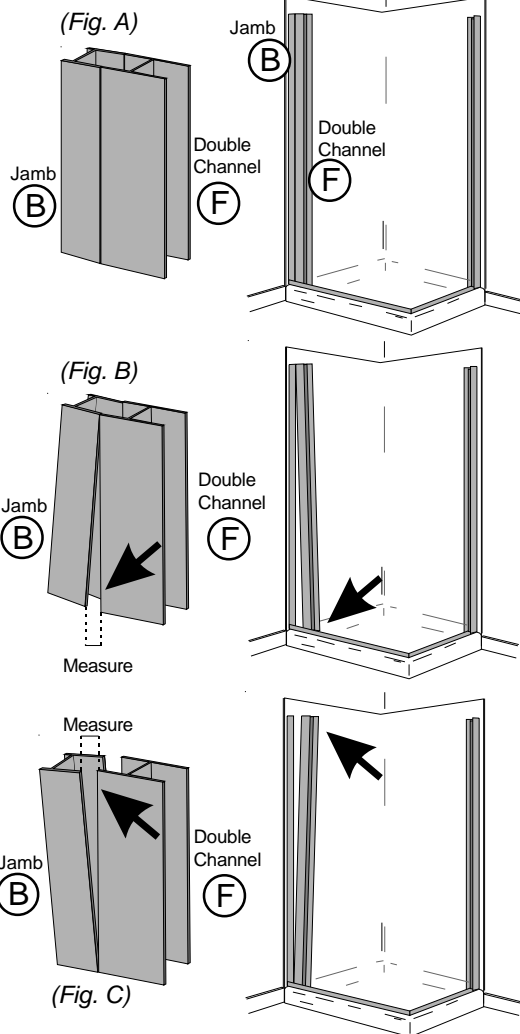
**Right Side
Width of
Bottom Gap**

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

**Left Side
Width of
Top Gap**

**Right Side
Width of
Top Gap**

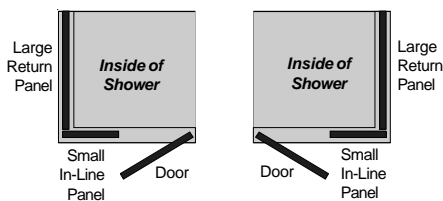
Repeat for right wall, recording measurements in "Right Side" boxes. These measurements will be important in determining header cut lengths in Step 9.



6

End Return Panel

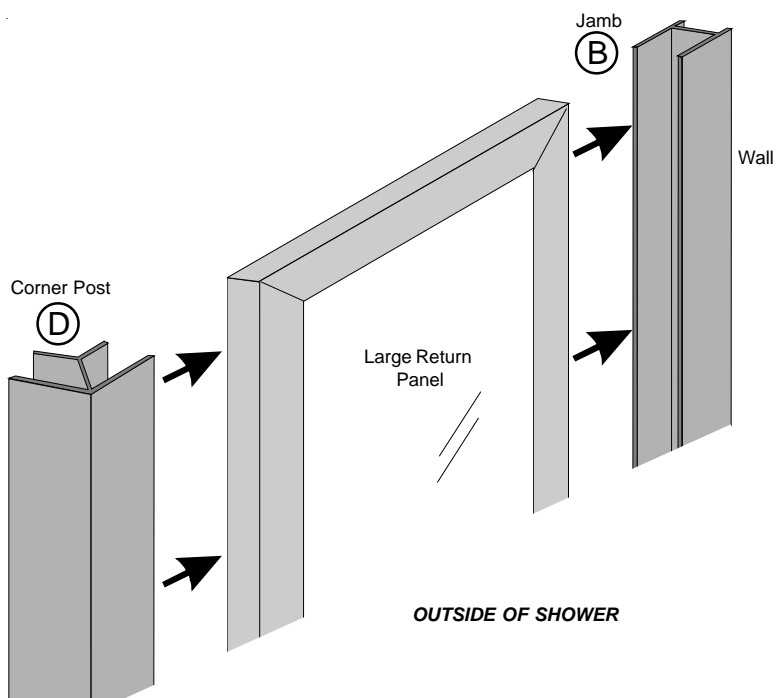
Possible arrangements of Door and Panels



Unit may be arranged with large return panel on either side and small in-line panel and door on remaining side. Determine placement that best fits your bath setting. Keep in mind that door is designed to hinge off wall jamb, not off small in-line panel or corner post. Also, for safety purposes, door should be installed to open out from shower.

Insert **large return panel** into wall jamb.

Position **corner post** (D) onto large return panel resting bottom of post in mitered corner of sill.



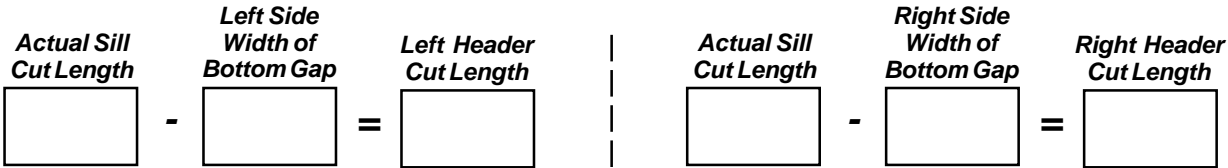
7 Header (C)

Cut lengths for left and right headers may not be equal and must be determined separately. Begin with "Actual Sill Cut Length" from end of Step 1 and calculate "Header Cut Length" for both the left and right headers.

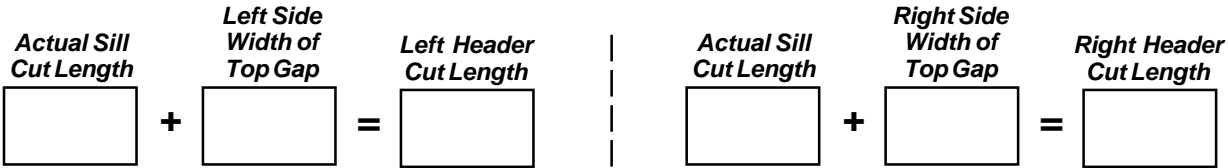
- ▶ If, in Step 7, you determined (using jamb and double channel) that your walls are plumb, the "Header Cut Length" will be the same measurement as your "Actual Sill Cut Length".



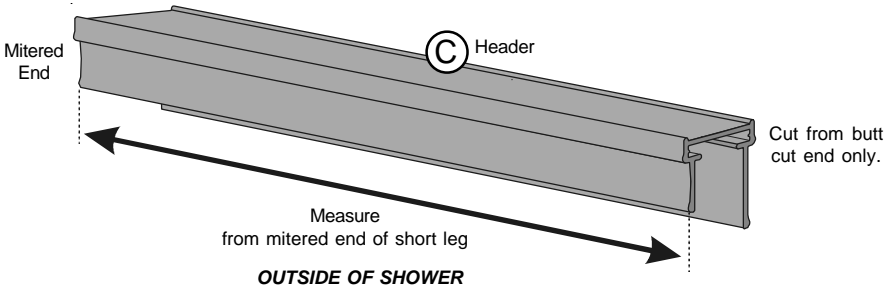
- ▶ If you showed a gap at the bottom of jamb and double channel, subtract the width of that gap from your "Actual Sill Cut Length" to find your "Header Cut Length".



- ▶ If you showed a gap at the top of the jamb and double channel, add the width of that gap to your "Actual Sill Cut Length" to find your "Left Header Cut Length".



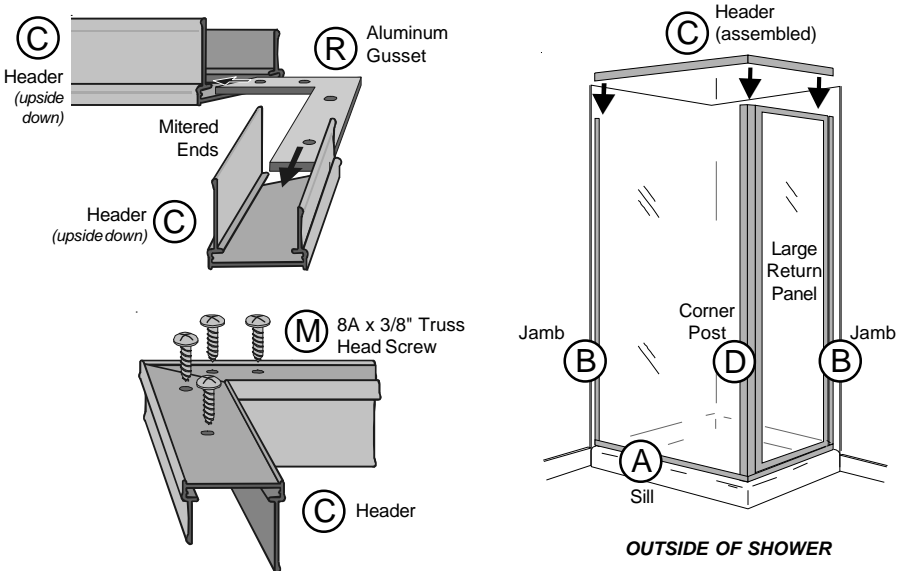
Cut right and left headers to their determined lengths, measuring from the longest point (mitered end) of the short leg, and cutting from the butt cut (straight) end.



8 Header (C)

With header pieces (C) in upside down position, slide aluminum gusset (R) 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 (M). Lower header into place on top of unit.



9

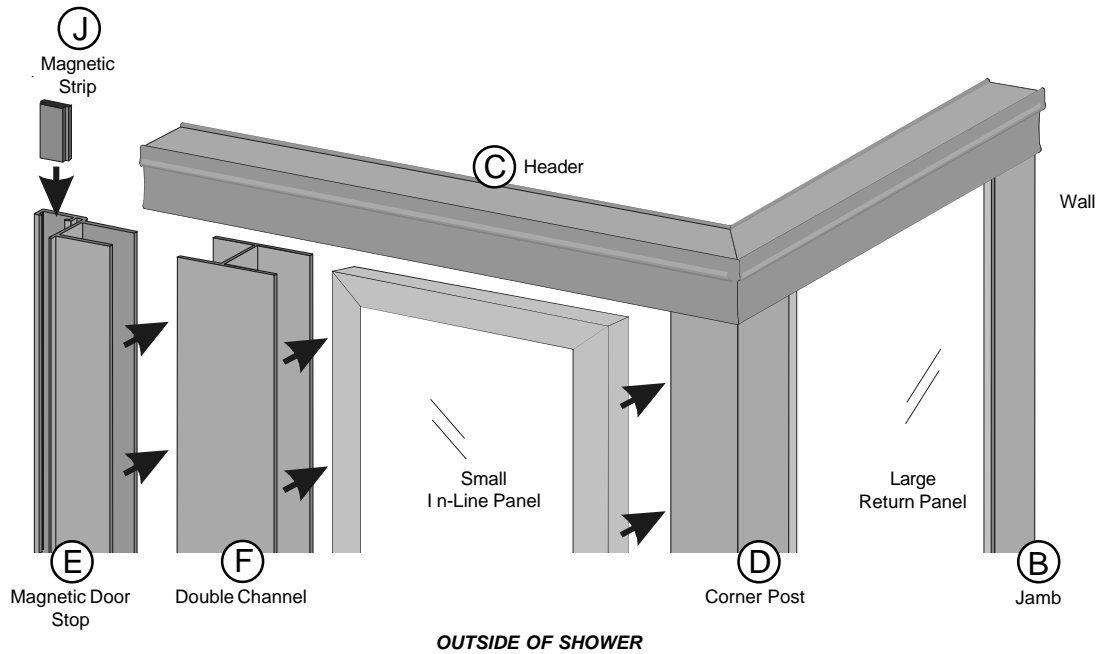
In-Line Panel

Insert **small in-line panel** into corner post.

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

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

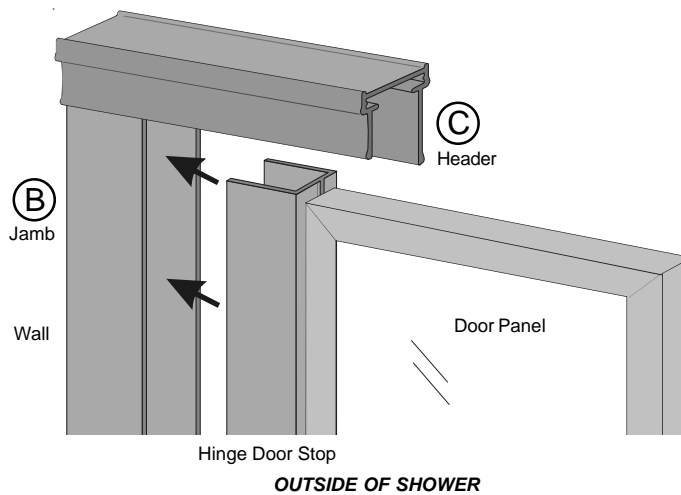
Insert magnetic door stop into double channel with magnetic strip facing outside of shower.



10

Door Panel

Position **hinge door stop** (with door attached) into wall jamb on opposite side.



11

Securing Verticals

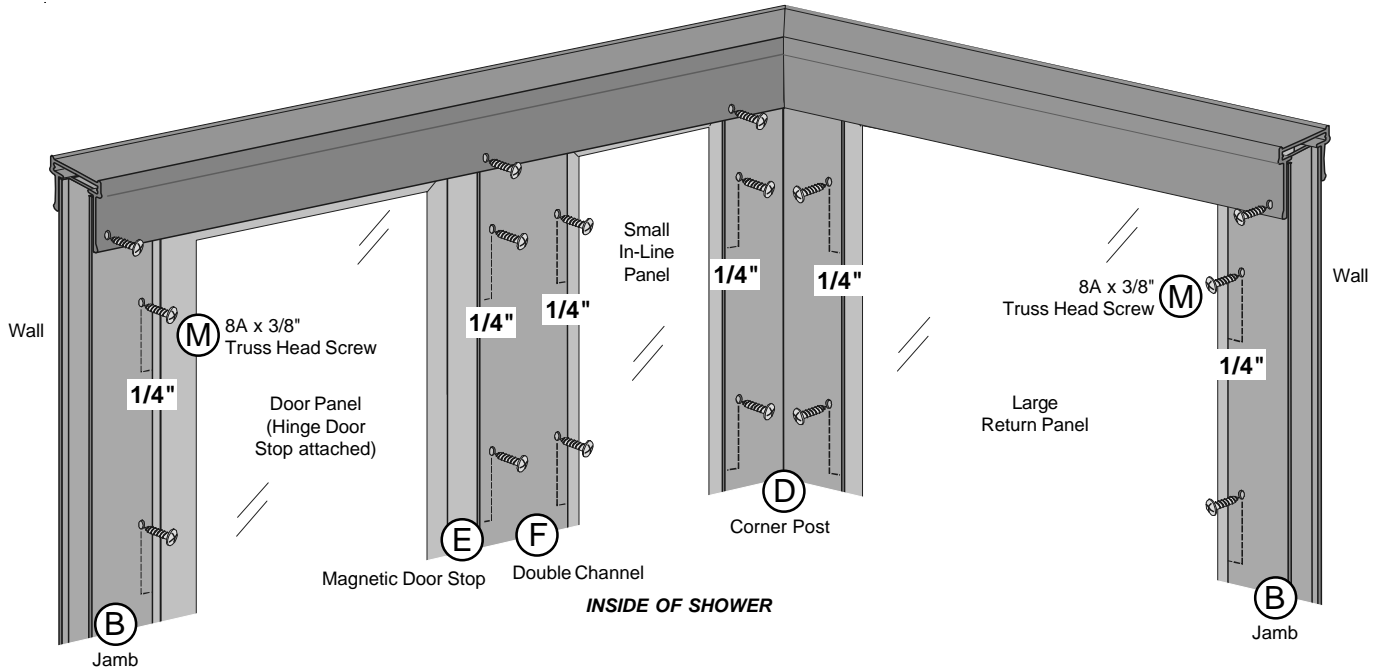
When mounting side panels, do not drill through front side of panels or hit glass with drill bit. Glass is seated approximately 1/2" into channel.

Adjust large return panel, corner post, small in-line panel, double channel, magnetic door stop, door and hinge door stop until magnetic strips align and door closes evenly at top and bottom. Once desired alignment of parts has been achieved, from inside of shower, drill four evenly spaced holes through leg of jamb (1/4" away from edge) into return panel using 1/8" drill bit. Attach using **8A x 3/8" truss head screws** (M).

Secure corner post to return panel in same manner, by drilling, from inside of shower, four evenly spaced holes 1/4" from edge of corner post into panel. Secure using 8A x 3/8" truss head screws.

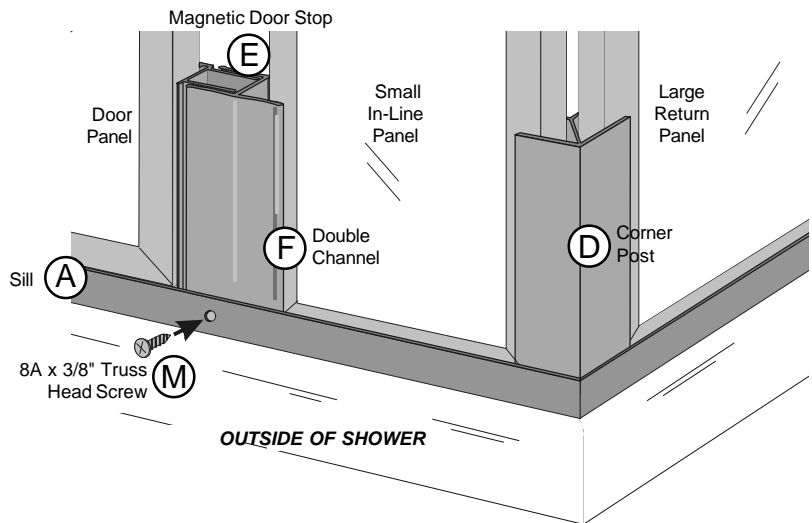
Continue to secure parts by drilling through corner post into small in-line panel, through double channel into in-line panel, through double channel into magnetic door stop, and through jamb into hinge door stop. Secure each using 8A x 3/8" truss head screws.

Attach header to unit by drilling, from inside of shower, through header into jambs, double channel and corner post. Secure using 8A x 3/8" truss head screws.



12 Securing Sill

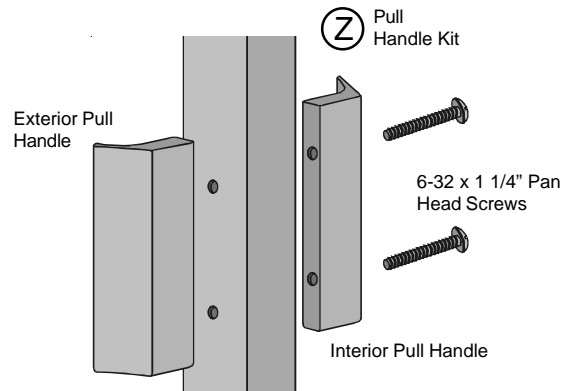
Secure sill by drilling, from outside of shower, through sill into double channel. Secure using 8A x 3/8" truss head screw.



13 Pull Handle Kit (Z)

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

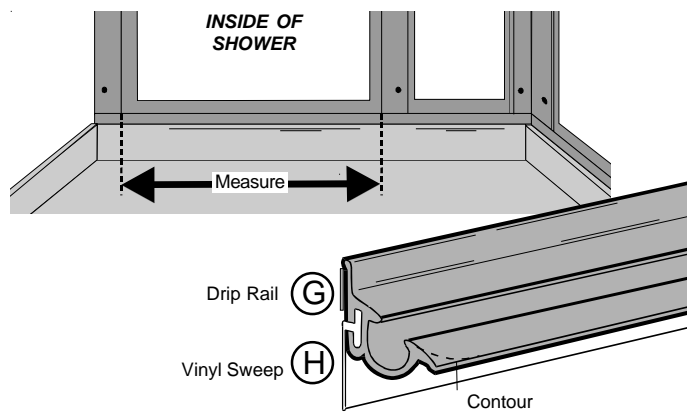
Mount **pull handles**, from **pull handle kit (Z)**, using **6-32 x 1 1/4" pan head screws** provided. Screw heads should be on the inside of shower.



14 Drip Rail (G)

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

Slide **vinyl sweep (H)** 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.



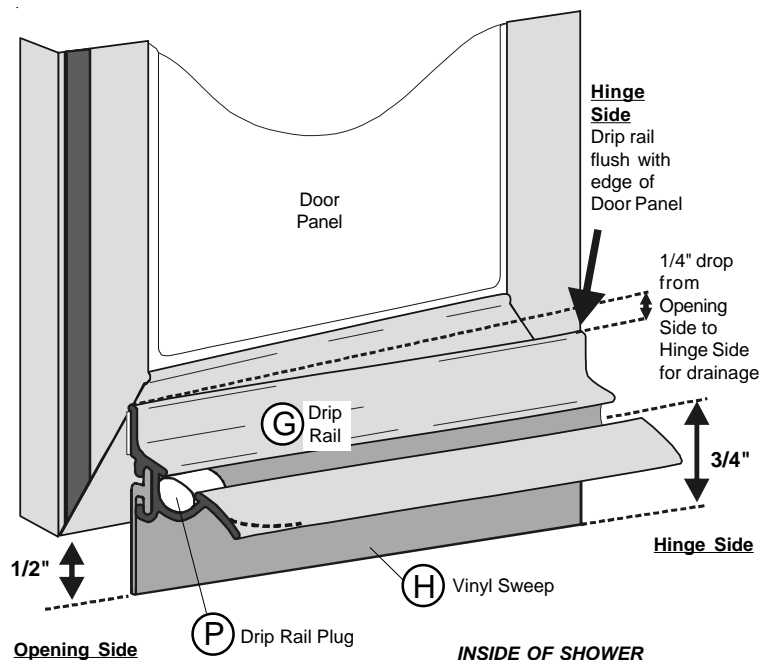
15 Drip Rail (G)

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 (P)** into groove of drip rail on opening side of door.

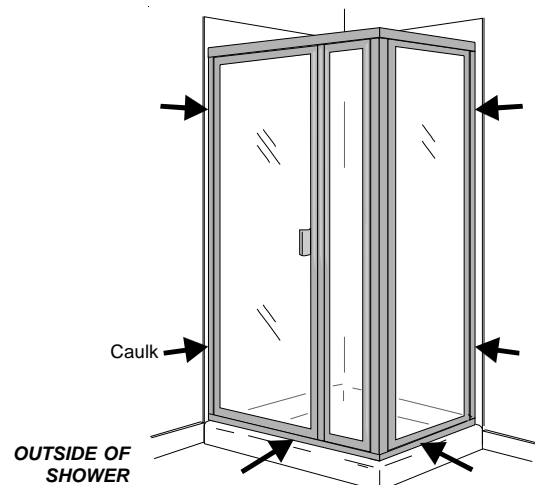


Drip rail may be additionally secured using 8A x 3/8" truss head screws. When drilling in door panel, make certain drill does not hit glass. Glass is seated approximately 1/2" into channel.

16 Caulking

The use of a caulking compound will assure a watertight seal of your enclosure. Apply caulk along outside edge of enclosure where metal and bath meet, especially where sill meets threshold.

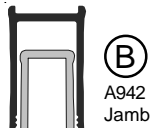
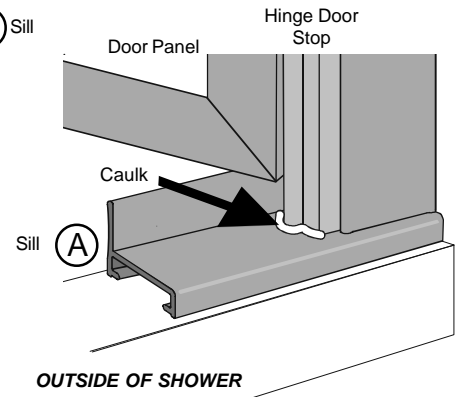
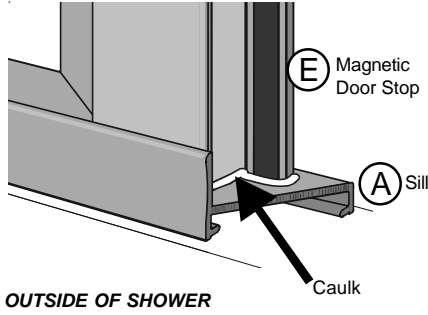
If desired, caulk inside of enclosure where jambs meet walls.



17 Caulking

Caulk joint on sill where magnetic door stop and sill meet.

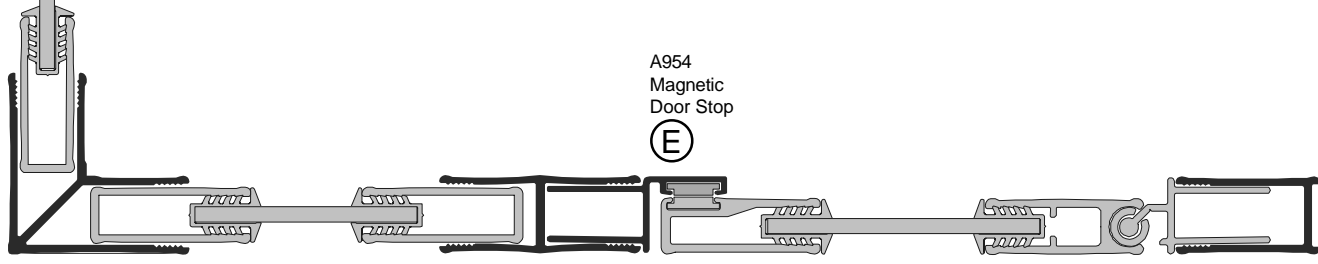
On opposite side, caulk where hinge door stop and sill meet.



OVERHEAD VIEW

INSIDE OF SHOWER

End Return Panel



(D)
A934
Corner Post

(F)
A911
Double Channel

(B)
A908
Jamb