

Coastal Industries Inc.

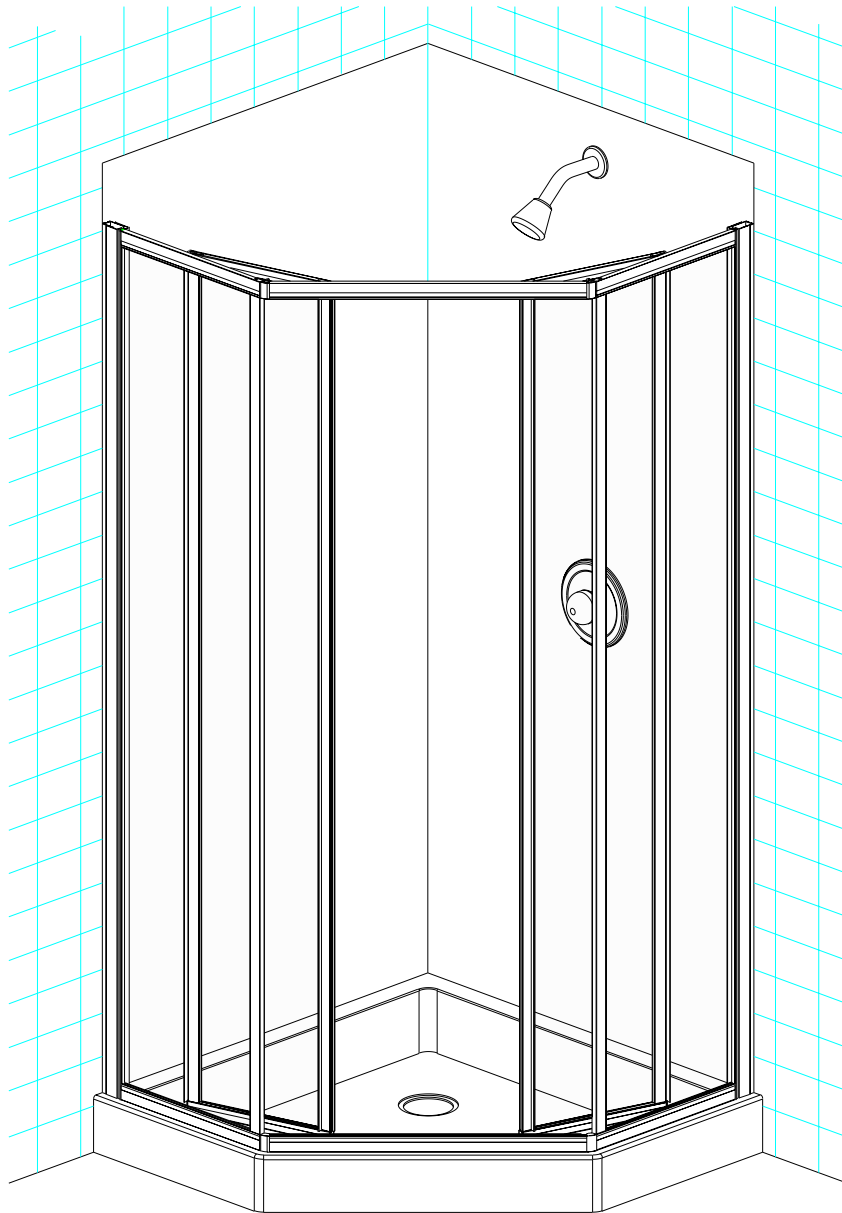
FAX NO.
(904) 641-1697

P.O BOX 16091
JACKSONVILLE, FLORIDA 32245

TELEPHONE NO.
(904) 642-3970

Millennium Neo - Angle

SHOWER ENCLOSURE UNIT
INSTALLATION INSTRUCTIONS



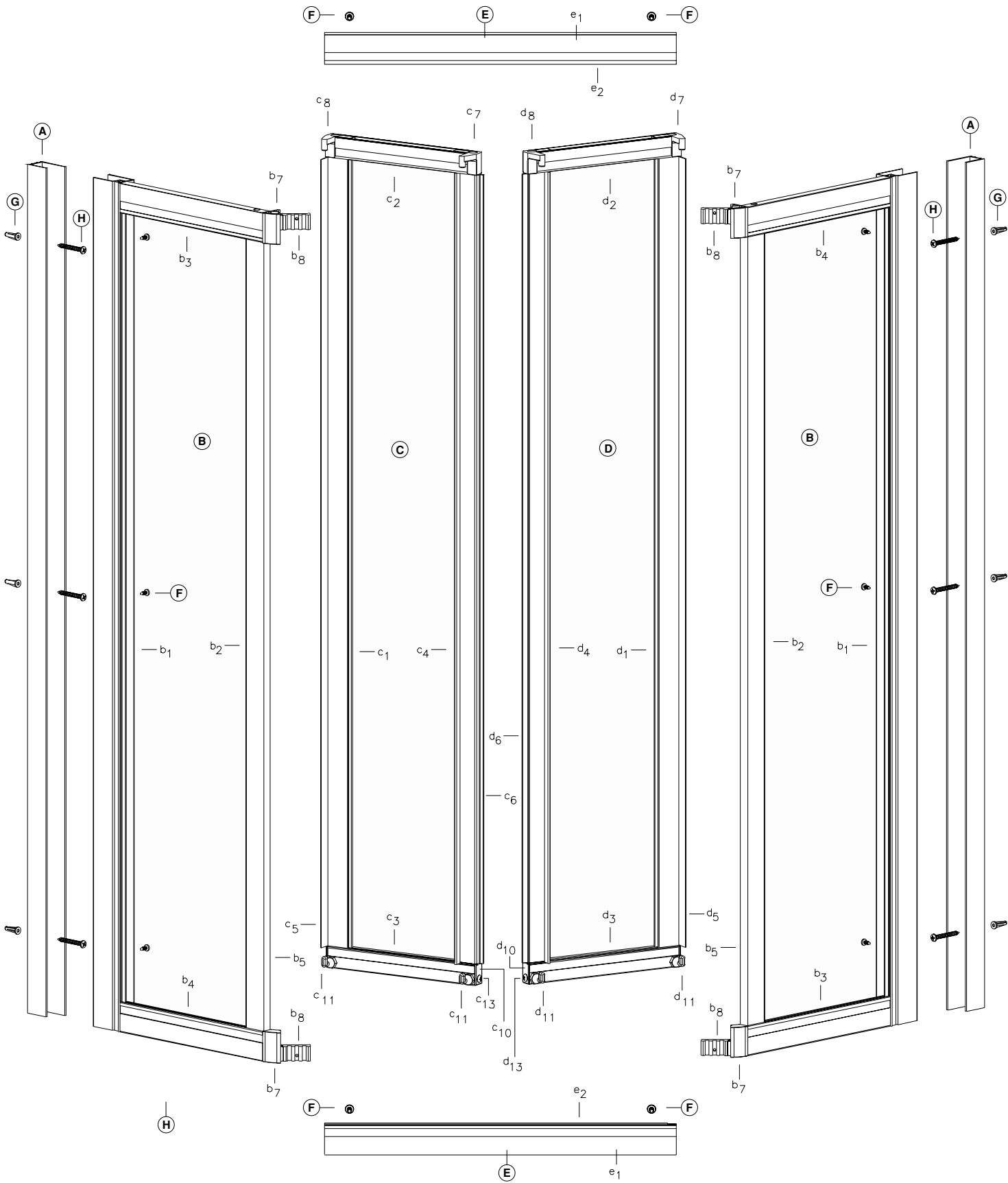
PARTS LIST

<u>KEY</u> <u>LETTER</u>	<u>PART</u> <u>NUMBER</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
A	510	WALL JAMBS	2
B	----	<u>WING PANEL ASSEMBLY</u>	2
b1	511	Panel Expander Jamb	1
b2	512	Panel Stile	1
b3	513	Left Panel Header / Right Panel Sill	1
b4	513	Left Panel Sill / Right Panel Header	1
b5	c504c	Panel Seal Flap	1
b5	6112FHSL	Assembly Screws (#6 x 1-1/2" flat head square lock) (not shown)	4
b6	c235g	Glazing Vinyl (not shown)	
b7	cp520	Corner Cover (plastic)	2
b8	517p	Corner Connector (aluminum)	2
b9	638phpt	Corner Connector Screw (not shown)	2
C	---	<u>LEFT DOOR PANEL ASSEMBLY</u>	1
c1	512	Door Stile	1
c2	514	Door Rail (top)	1
c3	514	Door Rail (bottom)	1
c4	516	Door Pull	1
c5	c505c	Door Seal Flap	1
c6	98-43	Door Magnetic Seal	1
c7	cp504R	Door Hanger (right)	1
c8	cp504L	Door Hanger (left)	1
c9	6114PHSL	Assembly Screws (#6 x 1-1/4" pan head square lock) (not shown)	4
c10	cp505	Bottom Rail End Caps	4
c11	cp506	Bottom Rail Guides	4
c12	062washer	Washers (plastic)	4
c13	638THS	Guide / Lock / Connector Screws	4
c14	c235g	Glazing Vinyl (not shown)	
c15	8112	#8 x 1-1/2" Pan Head Phillips Screws (hanger screws) (not shown)	2
D	---	<u>RIGHT DOOR PANEL ASSEMBLY</u>	1
d1	512	Door Stile	1
d2	514	Door Rail (top)	1
d3	514	Door Rail (bottom)	1
d4	516	Door Pull	1
d5	c505c	Door Seal Flap	1
d6	98-43	Door Magnetic Seal	1
d7	cp504R	Door Hanger (right)	1
d8	cp504L	Door Hanger (left)	1
d9	6114PHSL	Assembly Screws (#6 x 1-1/4" pan head square lock) (not shown)	4
d10	cp505	Bottom Rail End Caps	4
d11	cp506	Bottom Rail Guides	4
d12	062washer	Washers (plastic)	4
d13	638THS	Guide / Lock / Connector Screws	4
d14	c235g	Glazing Vinyl (not shown)	
d15	8112	#8 x 1-1/2" Pan Head Phillips Screws (hanger screws) (not shown)	2
E	----	<u>HEADER / SILL ASSEMBLY</u>	2
e1	513	Header / Sill Track	1
e2	c503c	Header / Sill Cover Strip (not shown)	1
F	638PHPT	#6 x 3/8" Self Drilling Phillips Screws	10
G	1329	Plastic Screw Anchors	6
H	8112	#8 x 1-1/2" Pan Head Phillips Screws	6

TOOLS / MATERIALS NEEDED

3/16" DRILL BIT	LEVEL	MEASURING TAPE	CENTER PUNCH	SAFETY GLASSES
ELECTRIC DRILL	HAMMER	PENCIL / FELT TIP PEN	PHILLIPS SCREW DRIVER	CLEAR CAULKING OR SEALANT (MILDEW RESISTANT)
				7/16" OPEN END WRENCH

EXPLODED VIEW OF NEO-ANGLE ENTRY UNIT



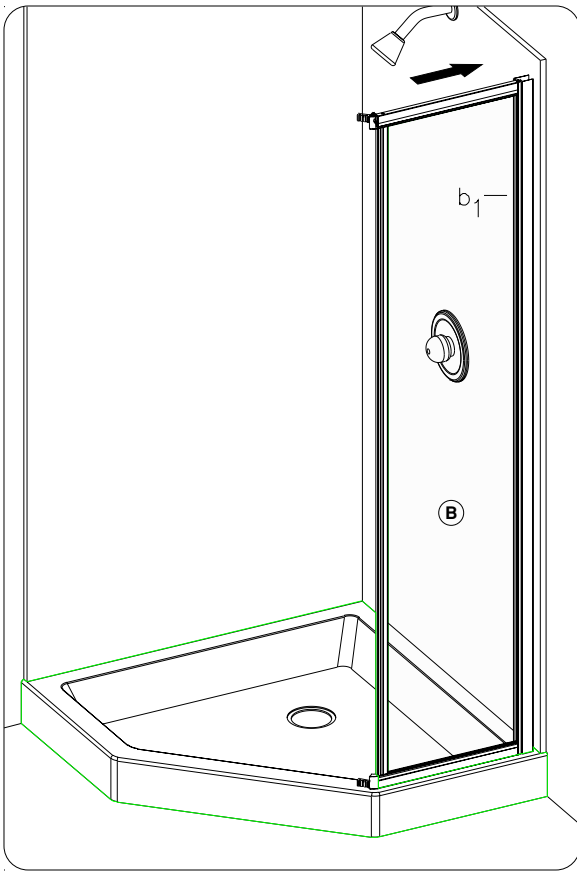


figure 1

(Base must be level to insure proper door operation.)

Step 1

Check Walls For Out of Plumb

Lift a Wing Panel Assembly (B) onto the base ledge (see fig.1) and slide assembly up against the shower wall. Make sure that the panel sill remains in contact with the shower base along the entire length.

Check to see if walls are plumb. If full length of panel assembly touches the shower wall, the wall is plumb. If it is not, a gap will exist at top or bottom corner of panel assembly indicating it is out of plumb.

Measure the gap size, jot it down in the space provided below and indicate whether it is at top or bottom. Remove the panel and repeat step for opposite wall.

right panel assembly

Gap size = _____ Top _____ Bottom _____

left panel assembly

Gap size = _____ Top _____ Bottom _____

If both gap sizes above are 3/8 of an inch or less, proceed to step 2 **now**.

If gap size for either wall is found to be more than 7/8 of an inch, **stop installation**, contact your dealer and request an extender kit.

If either gap size is greater than 3/8" and less than 7/8", (subtract 3/8 from the gap size and record the difference in the spaces provided below).

right panel assembly _____ - 3/8 = _____
(gap size) (difference)

left panel assembly _____ - 3/8 = _____
(gap size) (difference)

for either panel:

If gap was a "bottom gap" add the difference to final measurement in step 2.

If gap was a "top gap" subtract the difference to final measurement in step 2.

Step 2

Measure Panel Assemblies

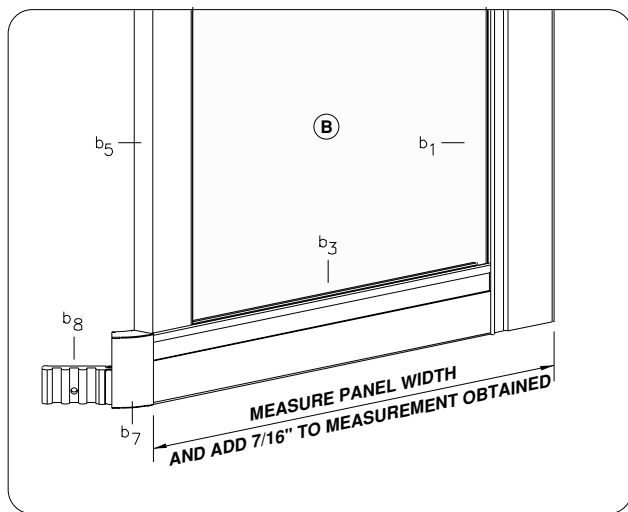


figure 2

Measure width of Panel Assembly (B) as shown and add 13/16" to measurement obtained.

Remember to add or subtract "difference" if applicable as per step 1.

Step 3

Mark Base Ledge

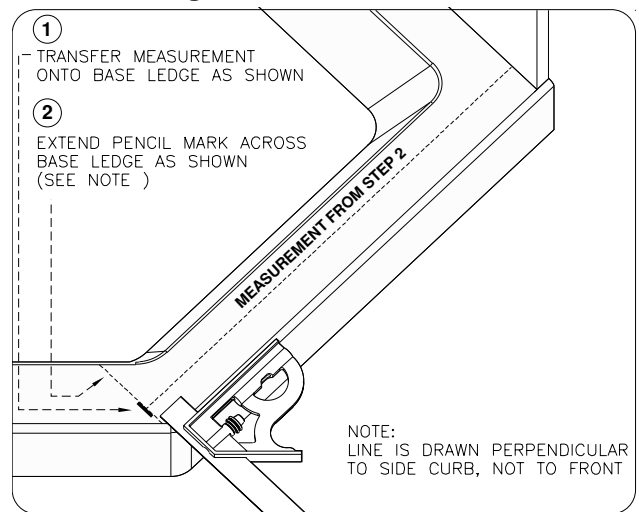


figure 3

Transfer measurement obtained in step 2 onto base ledge as shown. Use a square to extend your mark (line) across the base ledge. Please note that line is drawn perpendicular to side curb and is parallel to wall. Repeat steps 2 and 3 for opposite side.

STEP 4

Measure Sill & Pencil Mark Front of Base

Once initial marks have been extended as per step 3, measure your Header / Sill (E) and add 7/8" to the measurement obtained.

Transfer measurement taken above and locate it between the extended lines (see figure 4, step 1). Mark ends of measurement as shown.

Draw a line between these the two(2) marks (see figure 4, step 2). Make sure line is parallel to front of curb.

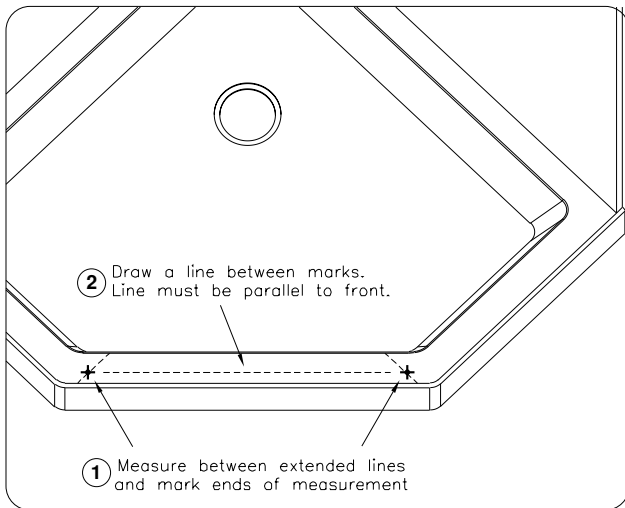


figure 4

STEP 5

Pencil Mark Sides of Base

Using a square, measure distance from mark to curb edge (see figure 5, step 1).

Transfer measurement to wall and base as shown (see figure 5, step 2).

Repeat step for other side.

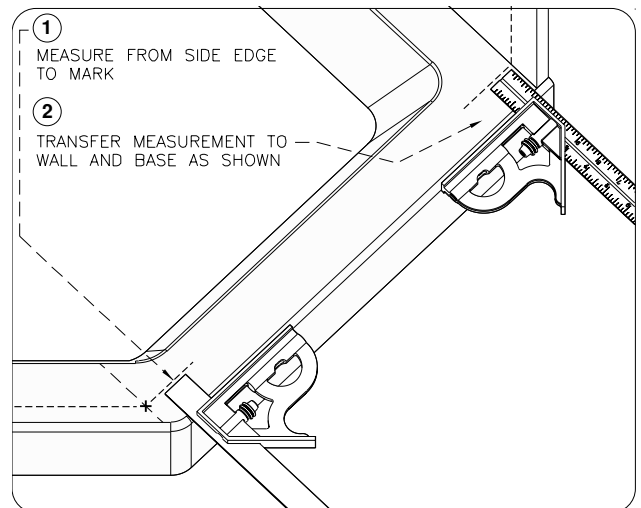


figure 5

STEP 6

Position, Caulk & Install Wall Jamb

With the long leg positioned toward interior of shower unit (see figure 6), place Wall Jamb (A) up against shower walls. Align the outside leg of the Wall Jamb with the "transferred" mark previously marked on the base ledge and wall.

If base was found to be level, then use a level to plumb Wall Jamb. If base was found not to be level, then square Wall Jamb to each other.

Using a pencil or a felt tip pen, make a mark on the shower walls thru each Wall Jamb installation hole (3 per Wall Jamb). Remove Wall Jamb and lightly center punch the marked installation hole locations.

Drill 1-1/2" deep installation holes in the locations previously marked. Use a 3/16" masonry bit when drilling thru ceramic tile, marble or any masonry type surface. Insert Plastic Screw Anchors (G).

Apply a bead of clear mildew resistant caulking the full length of the caulking groove on each Wall Jamb (see fig.6 - detail 6a). Apply enough to slightly overfill the groove.

Reposition Wall Jamb (A) against shower walls. Re-align the Wall Jamb holes with the installation holes drilled in the shower walls. Secure each Wall Jamb (A) with three(3) 8112 pan head screws (H).

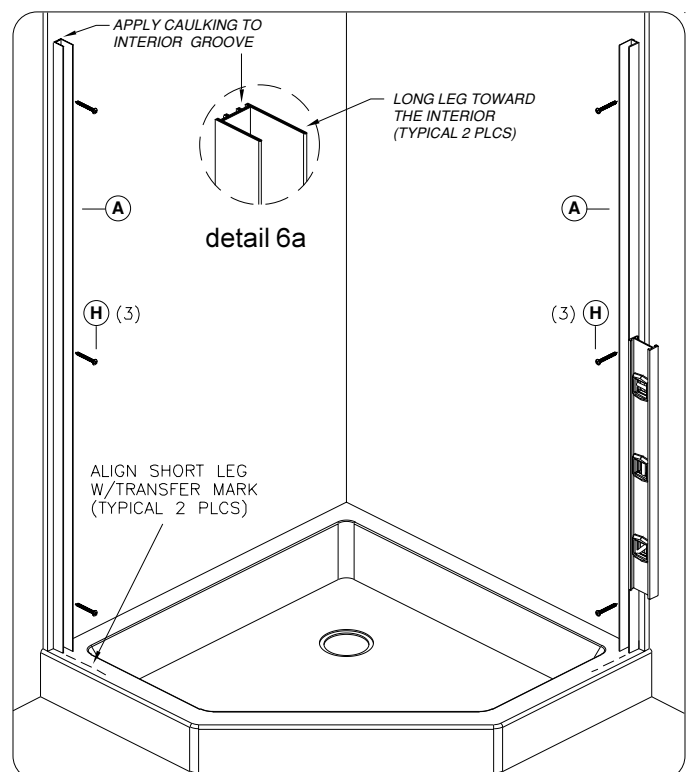


figure 6

STEP 9 (continued)

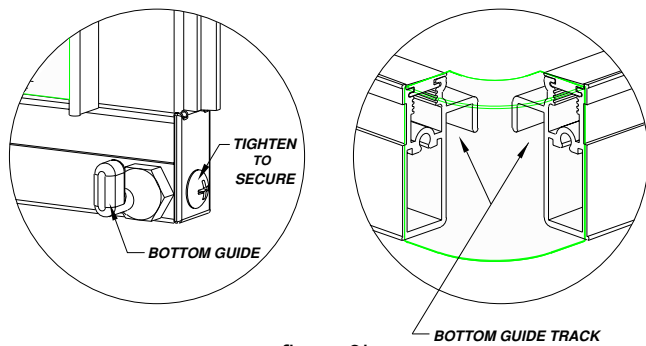


figure9b

(engage bottom guides with bottom guide tracks)

After doors are hung, use a 7/16" opened - end wrench to turn the four(4) Bottom Guides up to engage with the bottom tracks. Check to insure that doors are properly engaged with top and bottom tracks. Do so by slowly operating door, making sure bottom guides do not jump off track and that operation is smooth. When satisfied, lock the four(4) Bottom Guides in place using 638ths Screws (c13 / d13) provided in baggie.

STEP 10

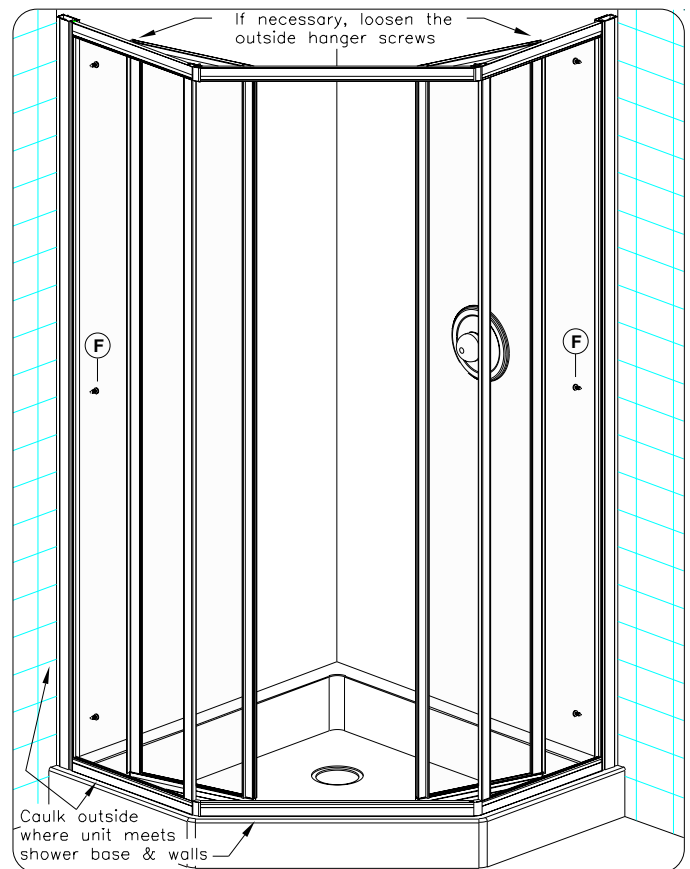
Check Unit Operation, Secure and Caulk

Recheck the sliding action of the door assemblies. If sliding action is not smooth, your wall may be out of square. If this is the case, square the shower unit inside the wall jambs so that doors come together (close) properly.

If your doors still do not come together (close) properly, slightly loosen the outside hanger screws on the door assemblies until doors hang vertically.

When satisfied, secure Panel Assemblies (B) to Wall Jambs (A) using six(6) #6 x 3/8" self drilling screws (F).

Run a bead of clear mildew resistant caulking **around the outside** of shower enclosure where the shower unit meets the shower base. Follow the caulking manufacturer's instruction before using shower.



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