INSTALLATION
INSTRUCTIONS

Frameless Inline Door With Return

QCI5128

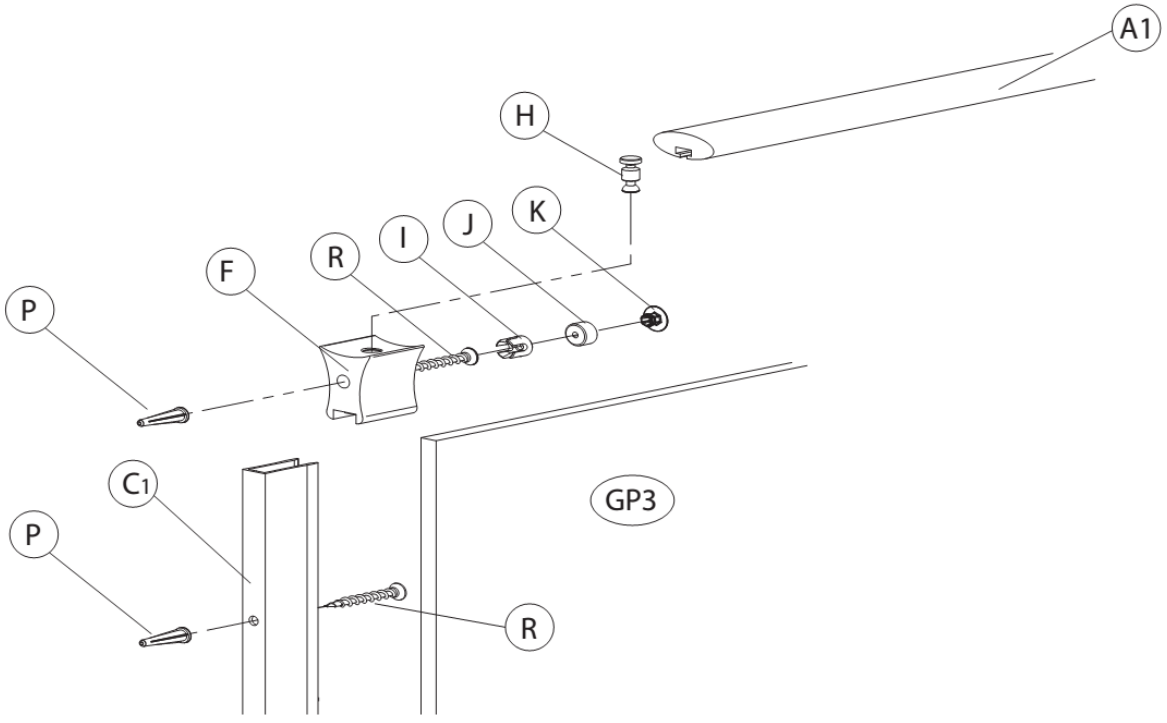
GLASS TO GLASS HINGES

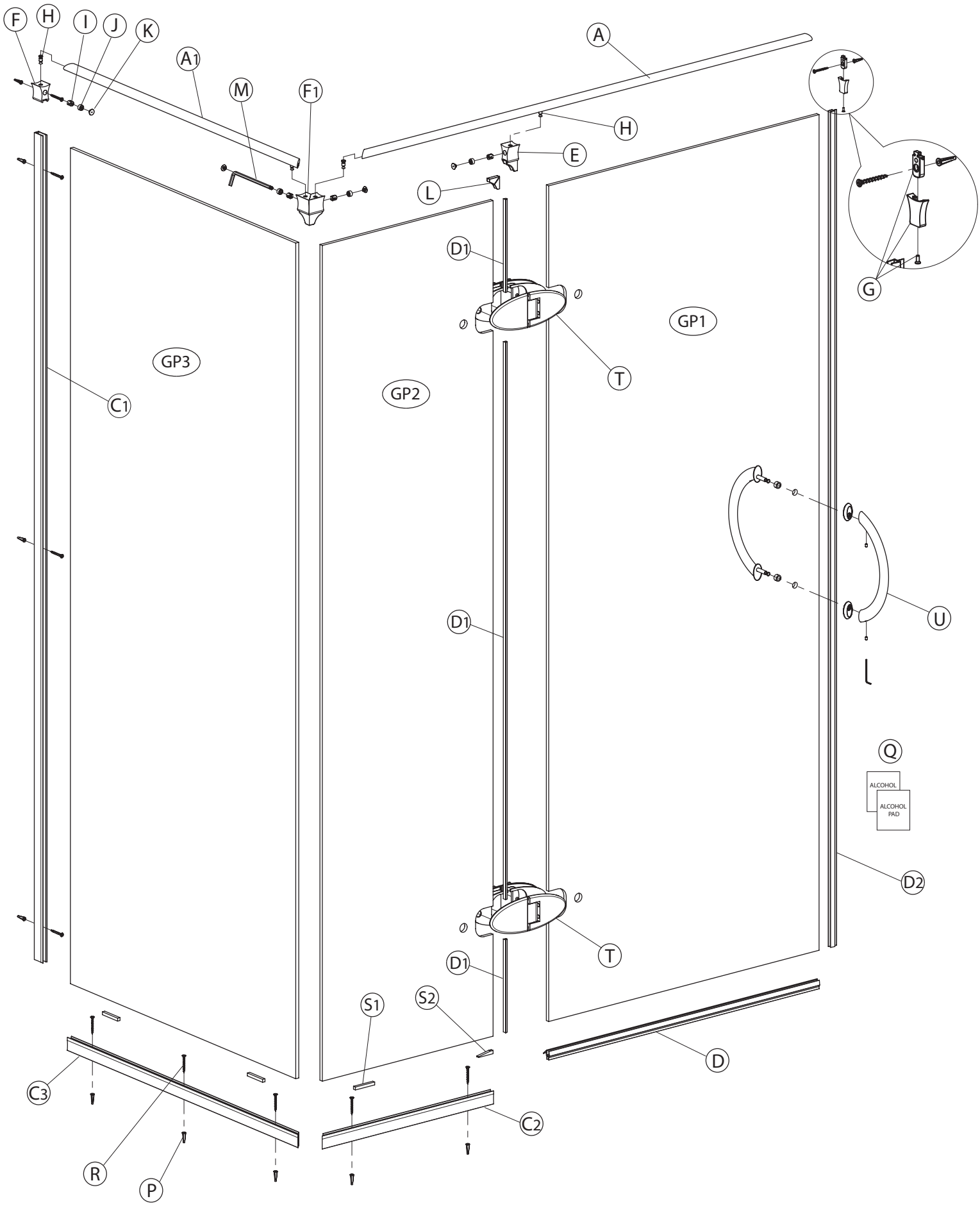
FRAMELESS DOOR

3 panel Parts List

KEY	DESCRIPTION	PART NUMBER	QTY
A	FRONT HEADER	SC885	1
A1	RETURN HEADER	SC885	1
C1	VERTICAL U-CHANNEL	SCX887	1
C2	HORIZONTAL U-CHANNEL	SCX887	1
C3	HORIZONTAL U-CHANNEL	SCX887	1
D	DRIP VINYL	SCV452	1
D1	BULB SEAL VINYL 98"	SCV927	1
D2	6/15" CLEAR VINYL SEAL	P450BR	1
GP1	DOOR PANEL		1
GP2	SIDE PANEL		1
GP3	RETURN PANEL		1
T	180° HINGE	HG7A-000BS	2
U	BACK TO BACK HANDLE	PU7D-8BS	1

KEY	DESCRIPTION	PART NUMBER	QTY
-	PARTS PAK- HEADER MOUNT	SCPRCR1PP	1
E	HEADER INLINE PANEL BRACKET ASSEMBLY	SC4061	2
F	HEADER WALL MOUNT BRACKET ASSEMBLY	SC4062	2
G	WALL MOUNT HEADER BRACKET ASSEMBLY	SC4065	
H	HEADER PIN	SC4015	4
I	HUB	SC4027	4
J	7/16" SET SCREW	SCR62SV	4
K	HOLE PLUG	SC4028	4
L	CORNER VINYL	SCV4022	2
M	5MM ALLEN WRENCH (BALL END)	SC5219	1
N	10-24 X 3/4" PAN HEAD SCREW	SCR63SV	1
-	PARTS PAK - FASTENERS	SCPRCR2PP	1
P	PLASTIC ANCHOR	SC4106	16
Q	ALCOHOL PAD		2
R	#8 X 1 1/2 SCREW	SCR08SV	16
S1	1/4" SETTING BLOCK	SC8165	10
S2	3/8" SETTING WEDGE	SCV926	6
S3	1/8" SETTING BLOCK	SCV925	8
S4	1/16" SETTING BLOCK	SCV924	8
-	PARTS PAK- RETURN PANEL	SCPRCR3PP	1
F1	HEADER 90° CORNER BRACKET ASSEMBLY	SC4063	1
H	HEADER PIN	SC4015	3
I	HUB	SC4027	3
J	7/16" SET SCREW	SCR62SV	3
K	HOLE PLUG	SC4028	3
L	CORNER VINYL	SCV4022	3




F
H
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A1
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D1
GP1
GP3
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C1
U
Q
ALCOHOL
ALCOHOL PAD
D2
T
D1
S1
S2
D
C3
C2
R
P

Tools:

To install your Shower Enclosure, you will need the following:

- Pencil
- Low Tack Masking Tape
- Tape Measure
- 4 ft & 6 ft Level
- #2 Phillips Screwdriver
- Drill
- 3/16" - 1/4" Drill Bit
- Hack Saw
- Caulking (Clear Silicon Recommended)
- Caulking Gun
- Suction Cups
- Center Punch (if drilling into tile)
- Files

Installation Notes:

Unpack your unit carefully and inspect for freight damage. Lay out and identify all parts using instruction sheet as a refrence. Before discarding the carton, check to see that no small hardware parts have fallen to the bottom of the box. If any parts are damaged or missing, refer to the description noted in the instructions when contacting your dealer for replacments.

Handle the glass panels carefully and protect the edge. Safety tempered glass is very resistant to breakage, but the sharp corners of the of the panels can damage tile and flooring surface. Although safety tempered glass is very resistant to breakage, the glass can still break if unequal pressure is applied during installation.

Please wear safety glasses whenever drilling or cutting. When drilling holes in ceramic tile or marble, use a center punch and hammer to carefully break the glazed surface, this will prevent skidding when drilling.

Maintenance:

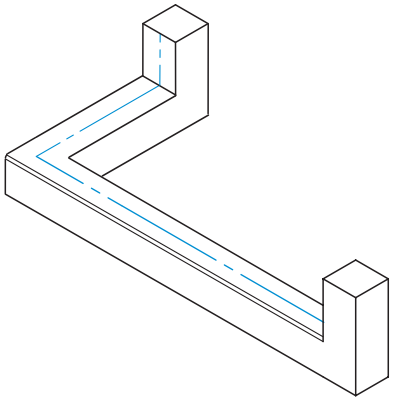
Two primary materials are used to manufacture you new shower enclosure: tempered glass and anodized aluminum. To assure a long lasting finish on the enclosure, wipe it down with a towel after each use.

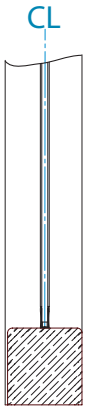
For occsional, more concentrated cleaning efforts, we find that **Comet Non-Abrasive Bathroom Cleaner** works extremely well. Be sure that any over spray falling on the aluminum frame is rinsed thoroughly and dried. Many over-the-counter cleaners, if applied to the aluminum and left on, will harm the metal finish and cause permanent damage, even though their directions indicatesafe use on shower doors. Never use a scouring agent to clean the aluminum.

NOTE: Tempered glass cannot be cut.

1 If a continuous unit centerline does not exist from the original measuring process, it will be necessary to create one. Referencing the Preceria Measuring Guide included with this unit, lightly mark a continuous unit centerline on the threshold. Next, mark a continuous unit centerline on each wall, starting where the threshold centerline meets the wall. Use a level to ensure the wall centerline is plumb and straight. The wall centerlines should be a minimum of 74" high from the threshold.

Note: Centerline (CL) is a term used to describe the center or mid-point of the unit. The position of the unit centerline can be located anywhere in the width of the threshold, as long as adequate structure exists beneath the centerline for fastening and the outer edges of the unit will not overhang the threshold. The most common unit centerline position is the middle of the threshold.





Unit Cross Section

Note:
It is extremely important the unit centerline be continuous and straight to ensure proper installation.

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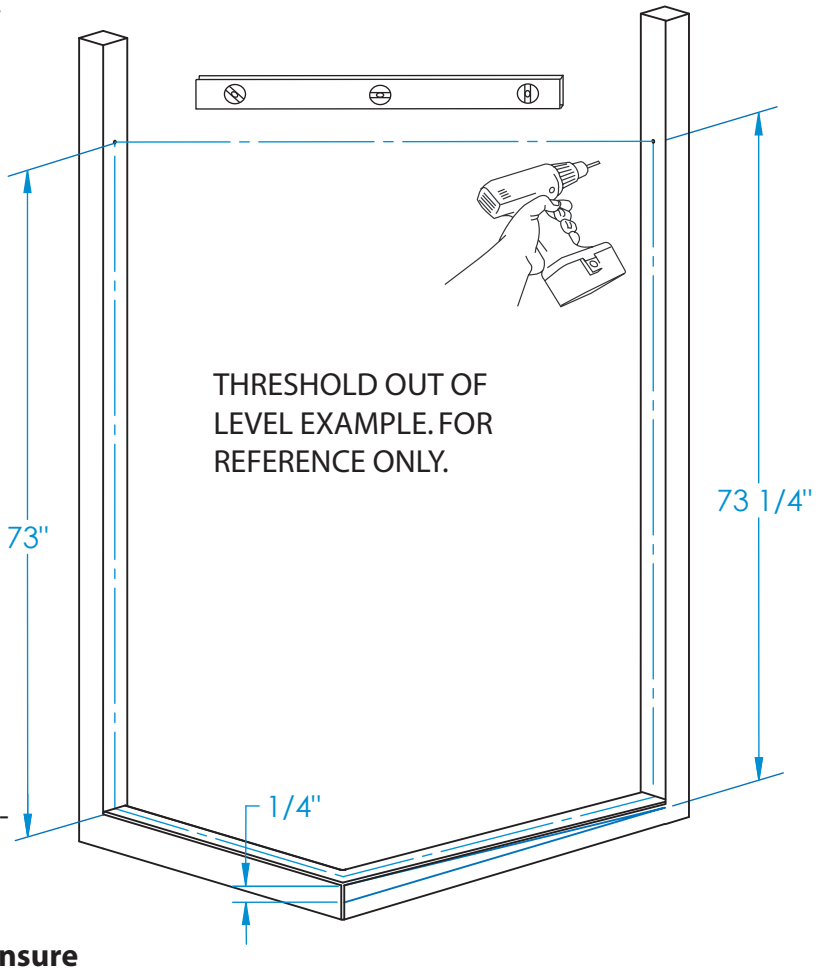
2 Use a level to check the threshold for out of level conditions if the original measured conditions are not available. If no conditions exist, measure up each wall centerline a distance of 73" (for a unit height of 74" which is standard height), from the threshold, and clearly mark each location.

Note: *For custom unit height use formula: Unit Height - 1".*

Next drill a 3/16" diameter hole, approximately 1" deep, at each wall location.

If out of level conditions exist; measure up the "high" side wall centerline a distance of 73", (for a unit 74" height) or Unit Height - 1" (for custom height), from the threshold, and clearly mark this location. For the wall centerline distance on the "low" side of the threshold, use a level to determine the threshold out of level distance and add this value to 73" (for a unit 74" height) or Unit Height - 1" (for custom height) Measure this summed distance up the "low" side wall centerline, from the threshold, and clearly mark this location. Next drill a 3/16" diameter hole, approximately 1" deep, at each wall location. (See illustration example.)



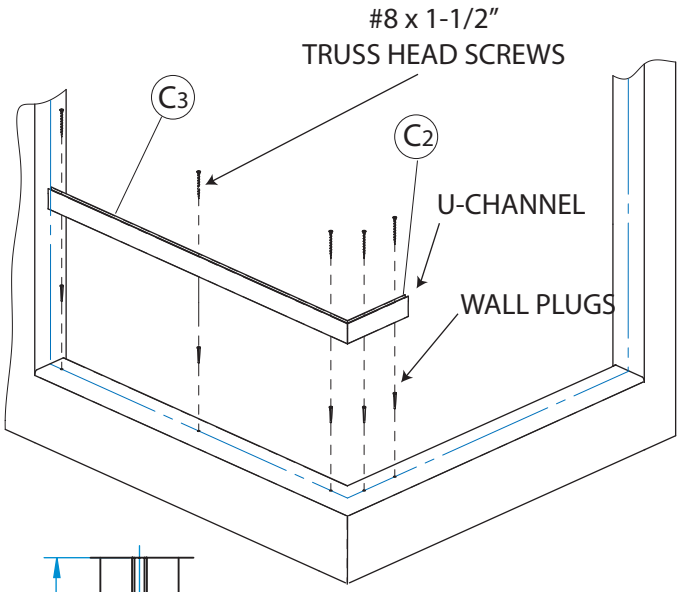
****IMPORTANT****

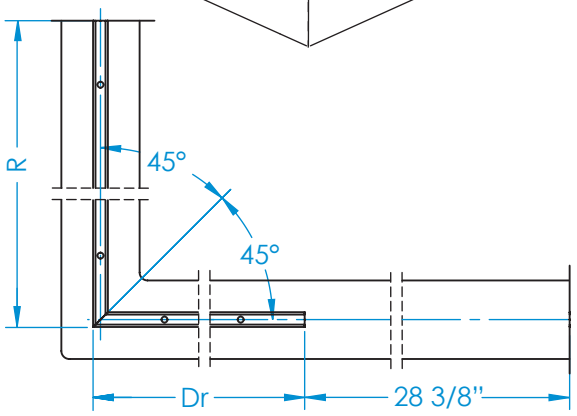
Keep both holes in-line to ensure the header mounts level.

3 Using U-channel [C2] of length 34", cut it to the appropriate size (SEE illustrations for calculations). For the return, use u-channel [C3] of length 50", cut to the appropriate size (SEE illustrations for calculation). Check measurements prior to cutting, to ensure that a distance of 28-3/8" will be obtained between the cut u-channel and the wall when installed in the opening. If measurements do not check correctly, re-measure and re-check. In the event there are still measurement discrepancies, contact Basco Technical Support.

If your unit was ordered with a notch/buttress panel, please see appendix "A" for supplemental installation instructions.

Next drill two 3/16" diameter holes in the center of each u-channel [C2] (centerline groove provided for convenience), approximately 2-1/2" from each end. For the return u-channel [C3], drill three 3/16" diameter holes in the center of the u-channel; one hole 2-1/2" from each end and one mid-point. Place each u-channel in its correct position with the u-channel centerline over the threshold centerline marked in step one. With a pencil carefully mark each hole position on the threshold centerline. Remove the u-channel and drill a 3/16" diameter hole, approximately 1" deep, directly on the threshold centerline, at the marked locations.





Dr = Glass Panel Width + 1/16" (Miter Long Point To Straight) Straight Cut Door Side, Miter 45 Degrees Return Side)

R = Glass Panel Width + 3/8" (Miter Long Point To Straight) Straight Cut Wall Side, Miter 45 Degree Panel Side

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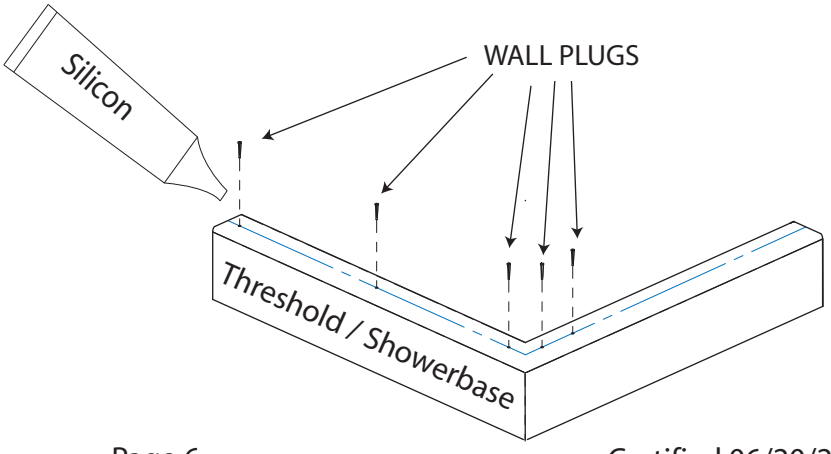
4 Insert a small amount of silicon into each drill hole, then insert a wall plug [P] in each hole (Note: this must be done just before u-channel installation). Then carefully cut heads off wall plugs [P] with a razor blade. Place each u-channel in its correct position and secure each u-channel [C2/C3] with #8 x 1-1/2" truss head screws [R].

Note: Do not overtighten screws



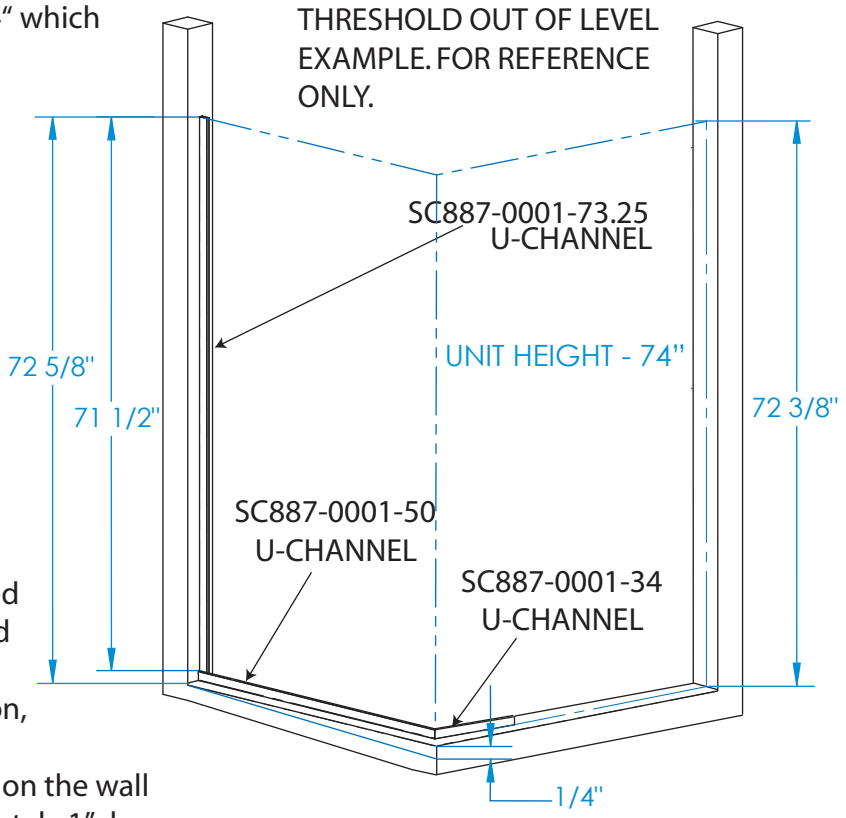
5 If no out of level conditions exist, cut u-channel [C1] to 71-1/4" (for a unit height of 74" which is standard height), or use formula (for custom unit height):

U-channel Height = Unit Height - 2-3/4"

Otherwise cut the u-channel [C1] according to the out of level conditions (See Picture).

Example:
74" - unit height
1/4"- out of level (panel side)
74" - 2-3/4" + 1/4" = 71-1/2" - u-channel height

Next drill three 3/16" diameter holes in the center of u-channel (centerline groove provided for convenience); one hole 2-1/2" from each end u-channel and one hole in the middle of the u-channel. Place u-channel, in it's correct position, over the wall centerline marked in step one. With a pencil carefully mark each hole position on the wall centerline. Drill a 3/16" diameter hole, approximately 1" deep, directly on the wall centerline at the marked locations.



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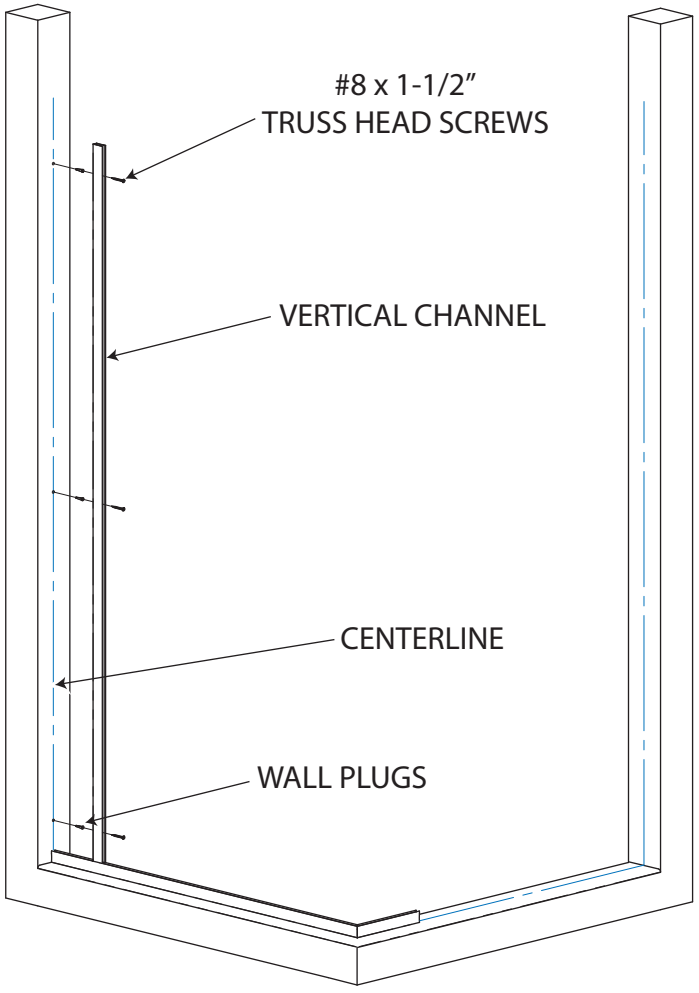
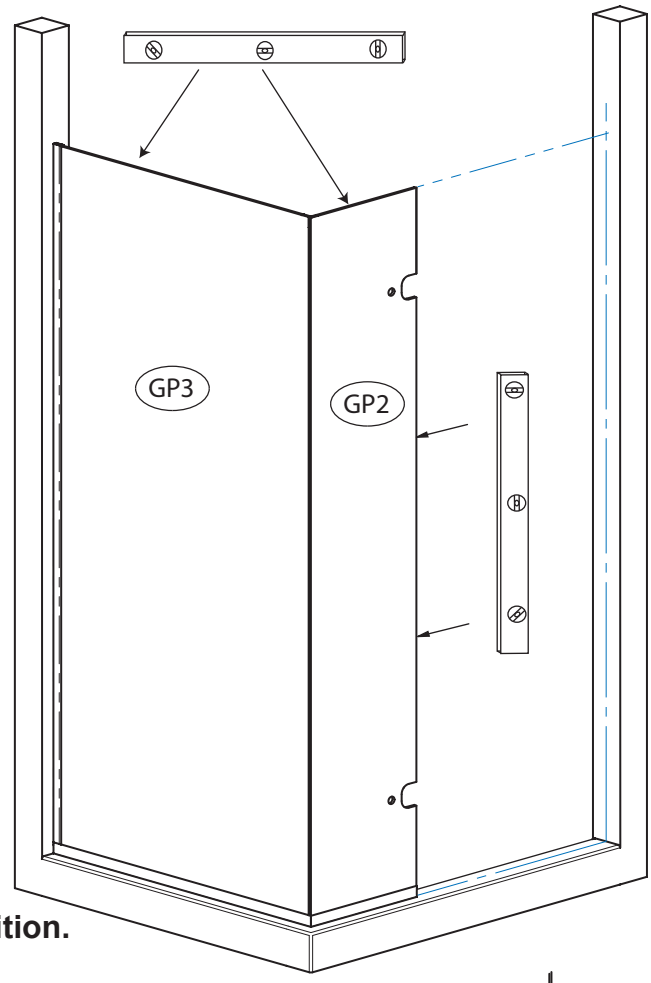
6 Insert a wall plug [P] into each drilled hole. Then carefully cut heads off wall plugs [P] with a razor blade. Place u-channel [C1] in correct position and secure it with #8 x 1-1/2" truss head screws [R].

Note: Do not overtighten screws.



7 Place setting wedges [S2] at the open end (door opening) of the u-channel and place 1/4" setting blacks [S1] as shown or approximately every 18". **DO NOT** place setting blocks over screw heads.

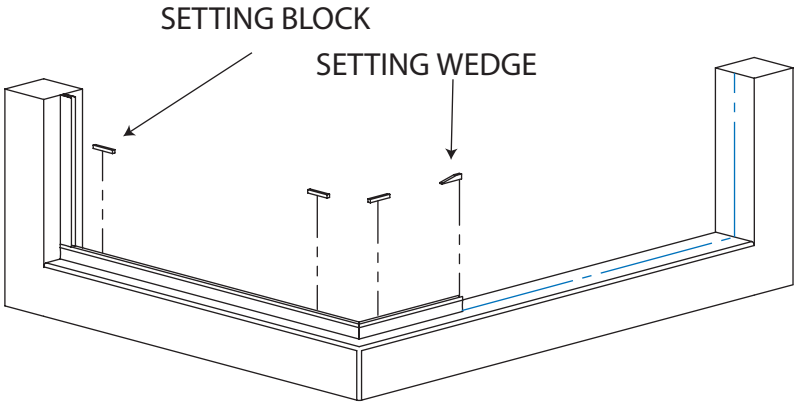
Using suction cups, slide the return panel [GP3] into place. The return panel [GP3] should be positioned to create the overlap shown below. Use setting block(s) and setting wedge to make exposed edges of the glass level and plumb. Next, using suction cups, slide the side panels [GP2] into place. Use setting block(s) and setting wedge(s) to make exposed edges of the glass level and plumb.

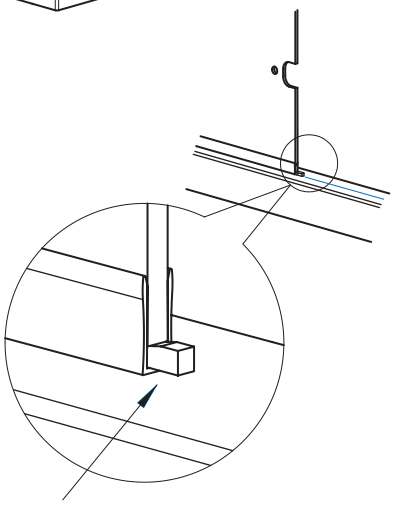


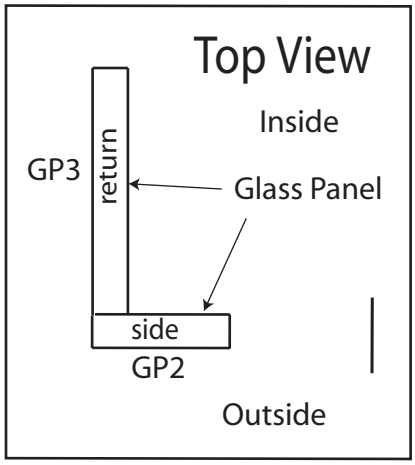
Different size setting blocks may be required depending on level conditions. Various size setting blocks are provided and can be used in various combinations (stacked) to obtain desired results.

Note: The glass should be approx. 1/16" lower than the top of the wall u-channels.

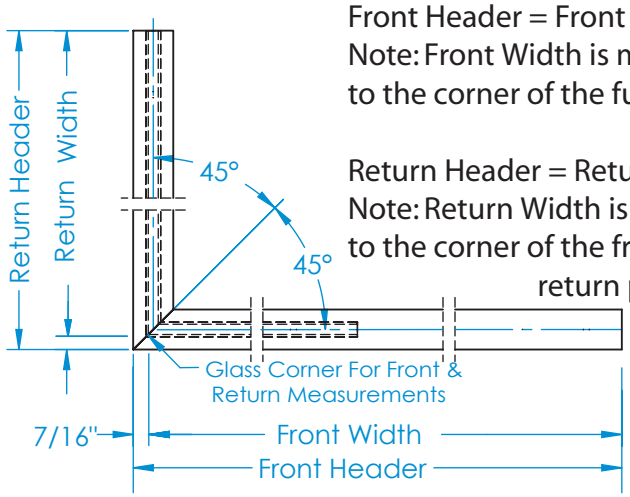
Tip: Strap masking tape around the corner of panels [GP2/GP3] to temporarily hold glass in position.







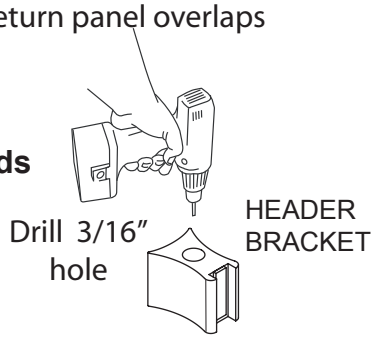
8 Using front header [A] (door side), of length 62", and return header [A1], of length 50", cut header(s) to the appropriate size(s). Cuts are to be made on the straight side of the header, as the miter side is pre-cut. **All cutting lengths are from flat to long point of miter.



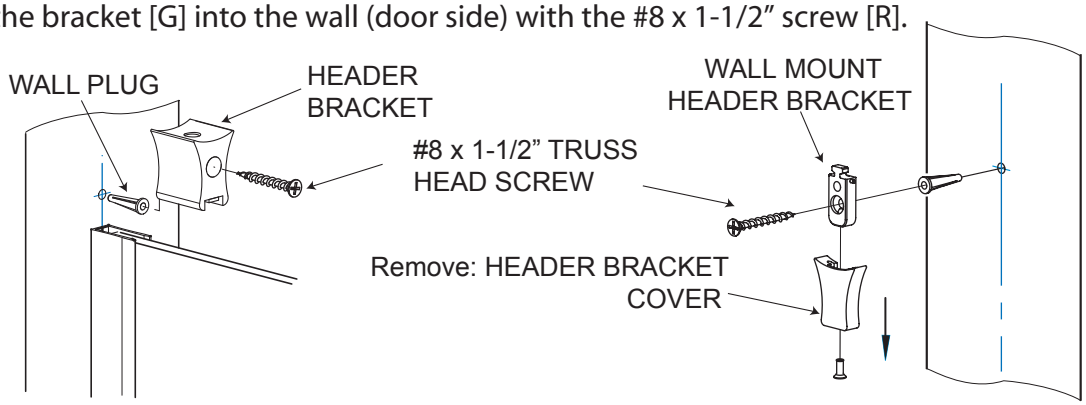
Front Header = Front Width + 7/16"
Note: Front Width is measured from the side wall, at the top of the unit, to the corner of the furthest glass panel (SEE illustration).

Return Header = Return Width + 7/16"
Note: Return Width is measured from the back wall, at the top of the unit, to the corner of the front panel, return side (front return panel overlaps return panel).

Note: Be sure not to damage set screw threads while drilling bracket.



Take header bracket [F] (return panel side) and drill a 3/16" diameter hole completely through the end. Next insert wall plug(s) [P] into the holes that were drilled into each wall in step 2. Then carefully cut heads off the wall plugs. Place the header bracket [F] back onto the vertical u-channel [C1] and screw into the wall with the #8 x 1-1/2" screw [R]. Disassemble wall mount header bracket [G] and screw the inner part of the bracket [G] into the wall (door side) with the #8 x 1-1/2" screw [R].



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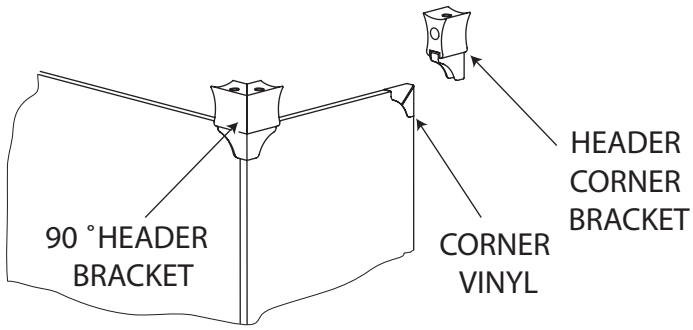
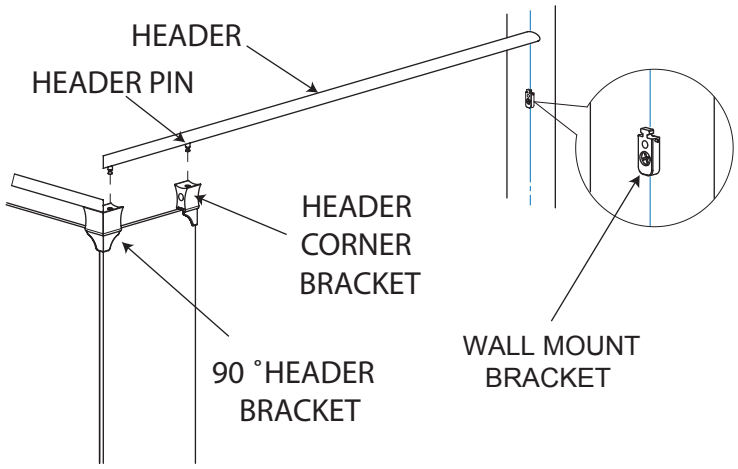
9 Temporarily place the 90° header bracket [F1] over the corner to ensure proper alignment of panels. Be sure that the glass fits into the bracket correctly. Remove the 90° bracket [F1]. Apply a piece of corner vinyl [L] to each of the three exposed glass corners. Now, tightly fit the header brackets [E/F1] over the vinyls.



NOTE: If there is any exposed vinyl after installing the brackets , carefully trim it off with a razor blade.

10 Slide one header pin [H] into each end of header [A1]. Line up the pins with tha appropriate header bracket [F/F1]. Drop the header pins [H] into the header brackets [F/F1]. Now using header [A], slide two header
pins [H] into miter side of header [A]. Then align T-slot of the header [A] with T-lock of the wall mount header bracket [G] and slide it in. Line up the pins with the appropriate header bracket [F1/E]. Drop the header pins into the header brackets [F1/E].



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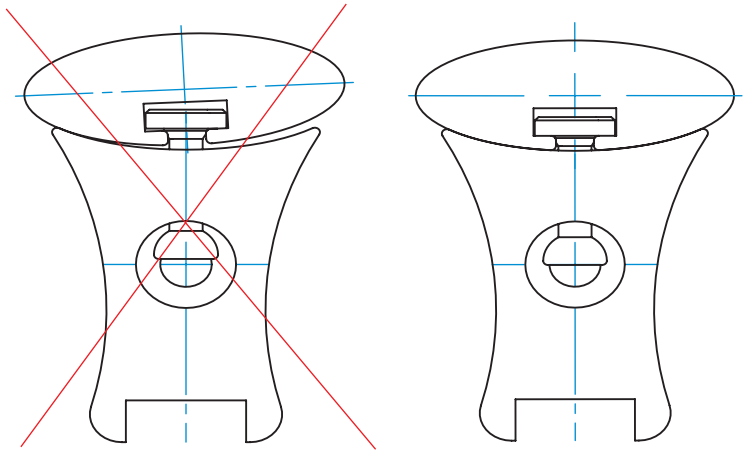
11 When aligning the header pins [H/B] with the headers [A/A1], make sure the headers [A/A1] are seated flush against the header brackets [E/F1/F]. Improper alignment will prevent fasteners from tightening easily in the following step.

****NOTE: Panels can move when installing the corner bracket.**
Be sure to verify the door opening before inserting the hubs and tightening the header to the brackets.



Incorrect Alignment

Correct Alignment

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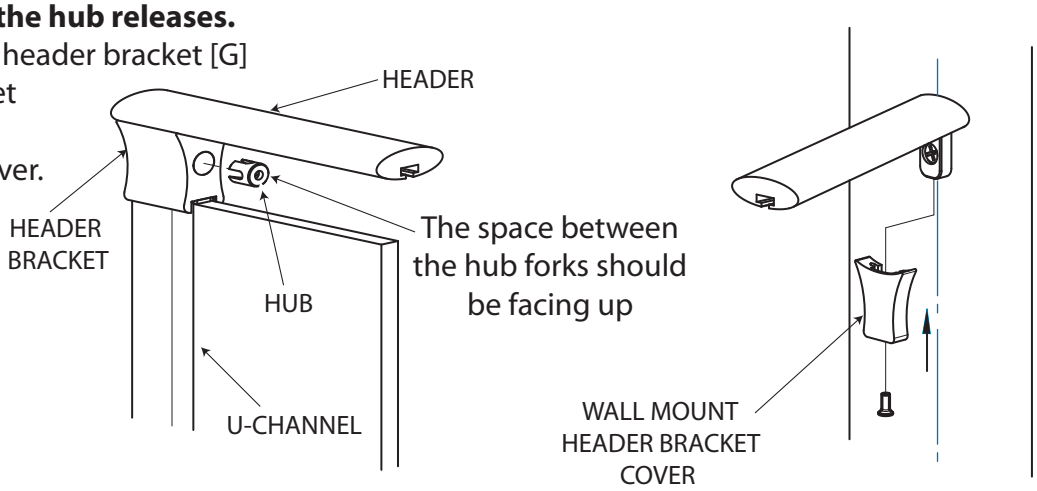
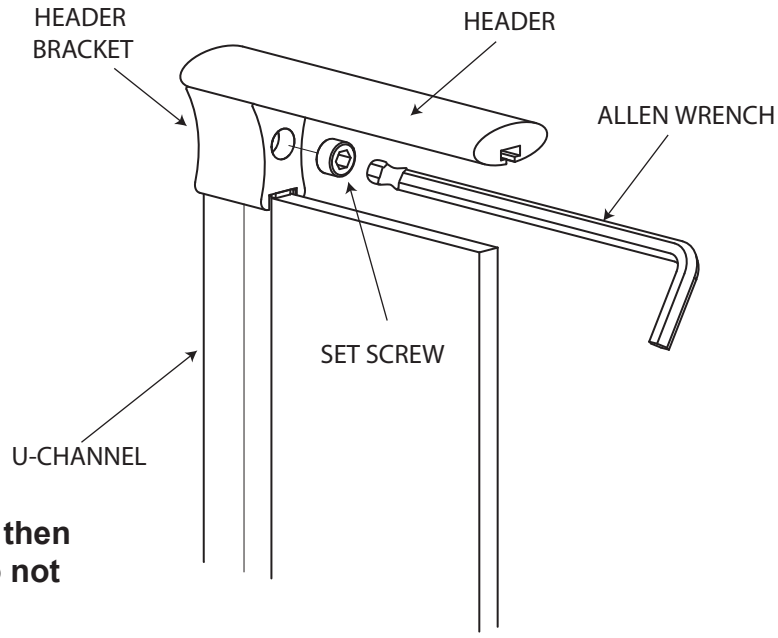
12 Place the four hubs [I] into each header bracket [F/F1/E]. The open side of the hub [I] **MUST BE** facing up and the header should be seated before tightening. If the hub [I] does not "bite", it may be necessary to push it deeper in the bore with a screw driver.
Note: To remove hub, use a #10-24 x 3/4 screw from the parts pak. Thread the screw into the center hub [I] until the hub releases.
Slide the cover of wall mount header bracket [G] over the mounted wall bracket then insert the M3 screw and tighten with Phillips Screwdriver.



13 Verify the panel is plumb at the door opening and that the door opening measures 28-3/8" at the top, middle, and bottom of the door opening. Adjust the panel if necessary. Next insert the set screws [J] into the header bracket hole. The set screws [J] can be tightened with the allen wrench [M] provided. **DO NOT** install hole plugs [K] at this time.



Note: Begin threading set screw [J] by hand, then carefully tighten with ball end of wrench as to not scratch the panel glass.

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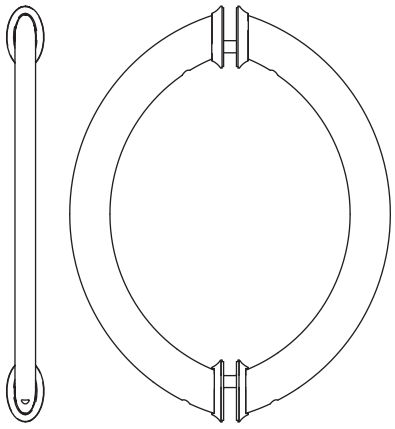
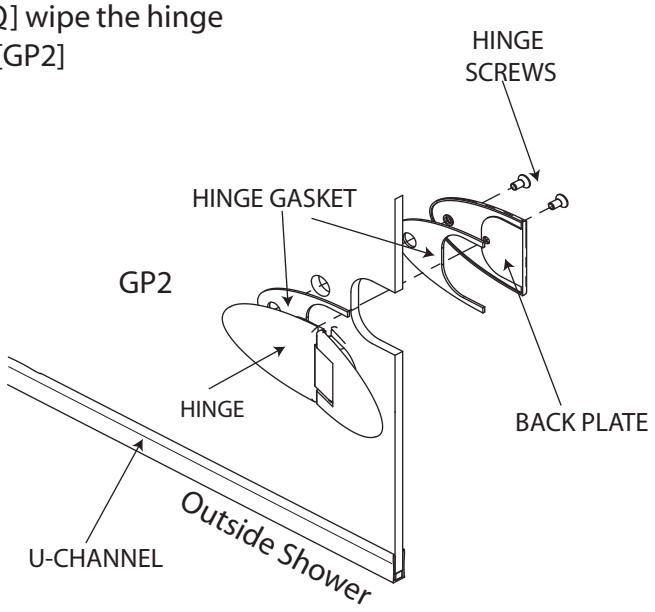
14 Place handle on door prior to door installation. See "8" Door Pull Assembly Instruction" located in the back of this instruction. **Do not disassemble or install handle prior to reading the "8" Door Pull Assembly Instruction".**



15 Glass to glass hinges: Using the alcohol pads [Q] wipe the hinge notches and notch gasket areas on both sides of panel [GP2] and the door [GP1]. Allow glass to dry before continuing. Remove the back plates from both hinges [T]. Place a gasket on the hinge [T] and place fixed part of hinge on the panel [GP2]. Next place another gasket between the glass and attach the back plate with the screw provided. Repeat on both panel notches and open the hinges outward.



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16 Place two 5/16" shims on the curb or threshold. These shims must remain in place throughout the installation process.

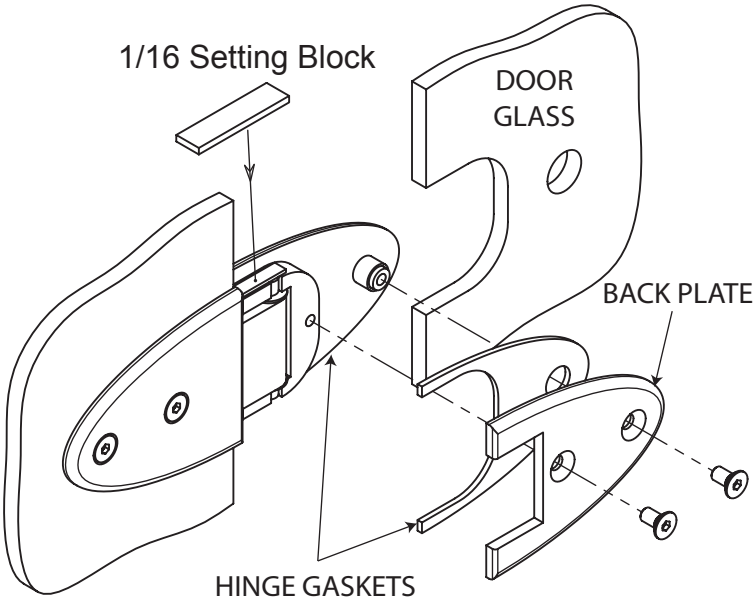
Place a 1/16" thick setting block on top of the exposed, door side, of the hinge as shown.

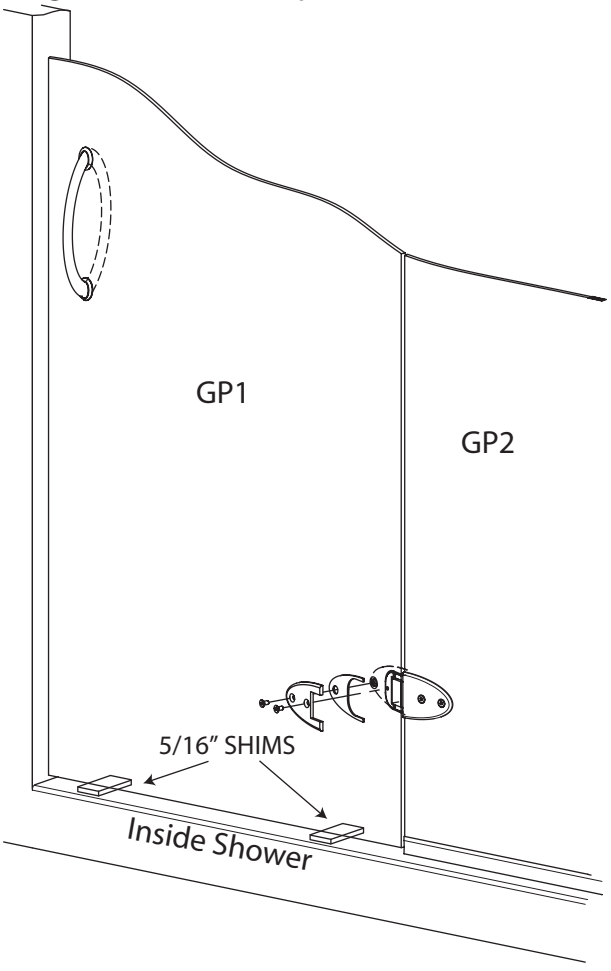
The setting block will aid in achieving correct door position. Next, position one person on each side of door panel and carefully place the door panel over the hinge notches. As the person to the outside of the door holds the door panel, the other person installs the hinge back plates, gaskets, and screws. To complete installation, repeat the same process for each hinge.

Note: The screws may begin to have a "creaking" soundwhen fully tightened.

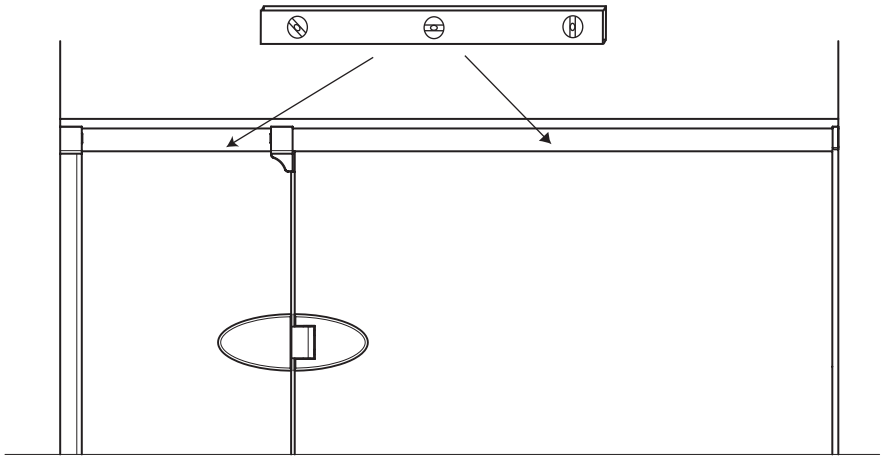
Carefully and slowly close door and inspect door panel gaps for interference.

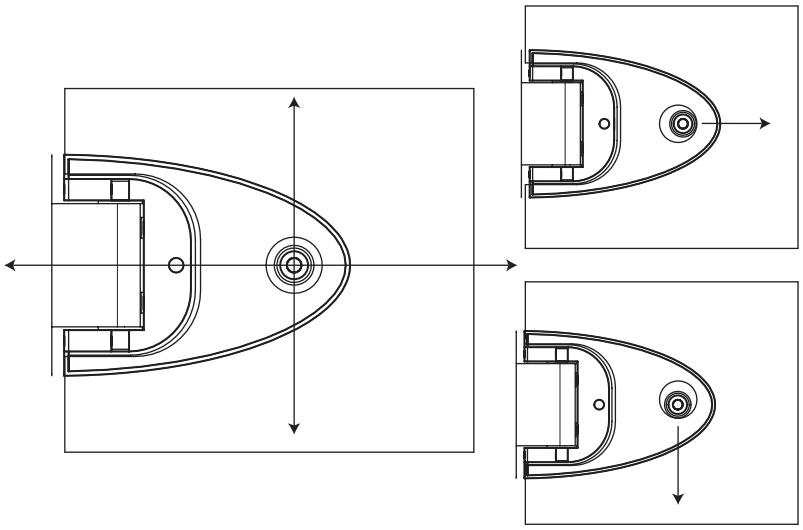
Do not force door closed



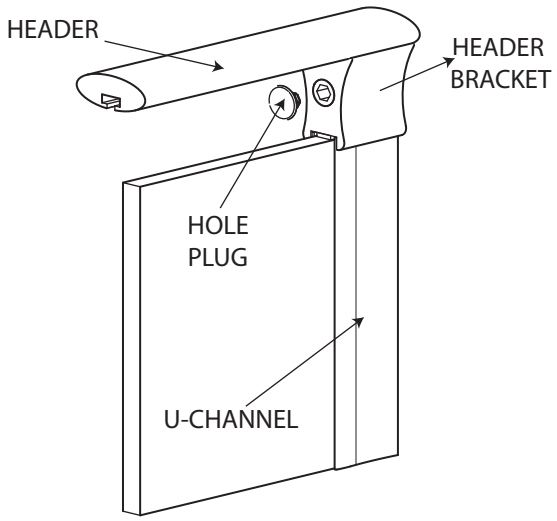


If interference exists, hinges can be loosened to adjust gaps. The gap should be 3/16" on each side of the door; 5/16" between the door and threshold at the highest point; door and panel(s) glass flush at top (glass not corner brackets). Re-tighten all screws after final adjustment.
If hinge is scratched in the tightening process touch up paint may be used.





17 Press the hole plugs [k] into the set screws [J].



NOTE: DO NOT install the plugs until completely satisfied with the glass position.

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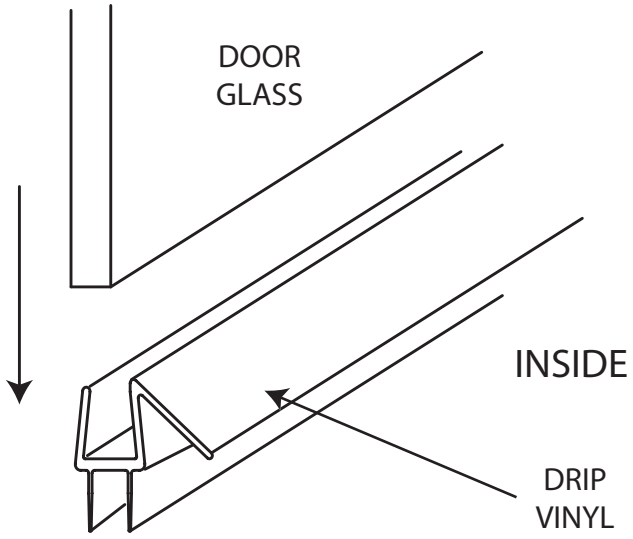
18 Place the drip vinyl [D] onto the bottom of the door panel. Line it up on the hinge side of the door and cut it off flush with the strike edge of the door.



NOTE: The sweep may be pulled up or down on the glass to adjust how much of the sweep contacts the threshold

TIP: Run a small bead of silicone between the drip vinyl and the glass to secure the vinyl sweep and prevent water from collecting inside the sweep if adjusted.

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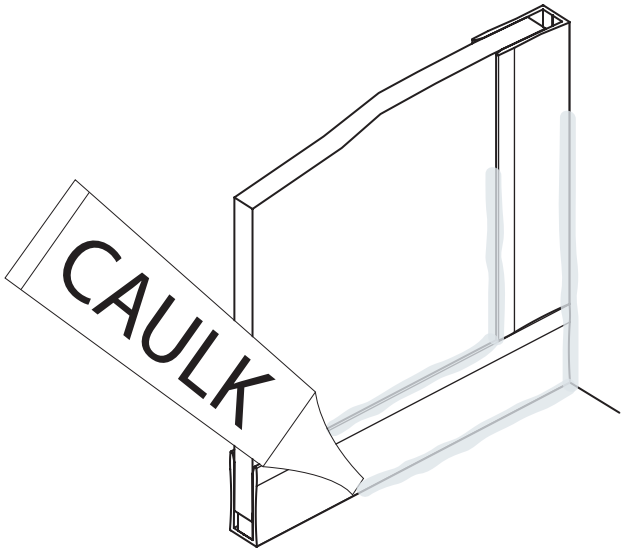
19 On the interior face of the glass, place a strip of low tack tape on the glass about 1/8" to 3/16" away from edge of the u-channel both vertically and horizontally. Run asmall bead of silicone along this edge. Next, on the interior, run a bead of silicone between the u-channel and the threshold and also between the u-channel and the wall. After completing, remove the tape before silicone sets.



NOTE: DO NOT USE the shower until the silicone is completely cured. Check the tube of silicone for the manufacturer recommended cure time. (typically 24 - 48 hours)

8" Door Pull Assembly Instructions
SC4017

The 8" back to back pull contains 6 components, which are as follows: two handles, four handle plates, four handle gaskets, four set screws, two handle pins and two bushings. These components will come partially assembled, and ready to install. **DO NOT** disassemble handle when removing from box. After removing the handle from box, gently pull handle a part from the middle and follow the instructions below.

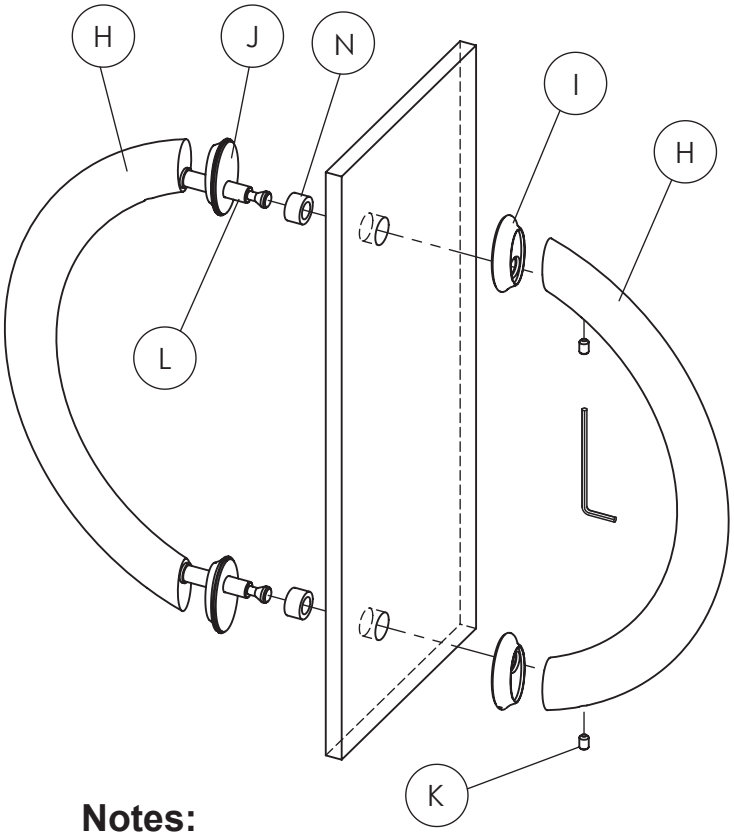
Step 1: Place one handle plate [I] and one gasket over each handle pin.

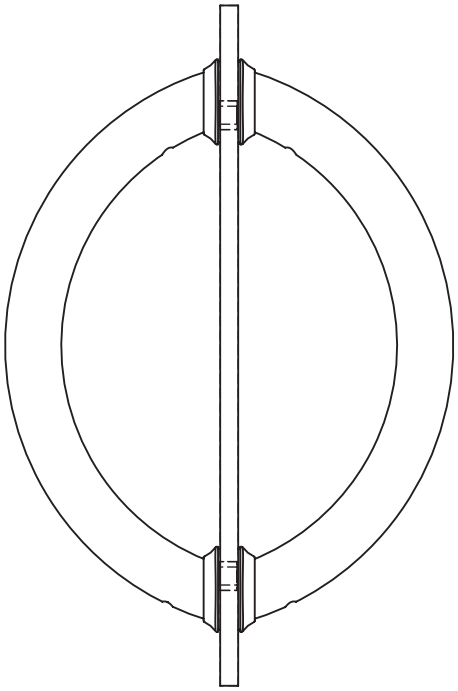
Step 2: Slide the handle pins through the glass. The mounting holes for the set screws should face downward. After sliding the handle pins through the glass, place a bushing and another handle plate on each of the handle pins.

Step 3: Place the other handle over the handle pins, with mounting hole facing downward. Push the handles sightly together and tighten the set screws (handle without pins) with the allen wrench.

Handle Parts

H.	Handle	Scow	2
I	Handle Plate	Scull	4
J.	Handle Gasket	Scull	4
K.	Set Screw		4
L	Handle Pin	Scull	2
N	Bushing	SC4230	2





Notes:

Make sure both handles are seated in their corresponding handle plates before tightening set screws.

When assembling and removing door pull, hold handle from at the center and push or pull with equal force on both sides.

If removing door pull, loosen all four set screws and gently pull apart from the center of each handle.

Appendix - A Notch Panel

If your unit has been purchased with a notch panel option, two additional pre-cut pieces of u-channel will be provided. These two pieces of u-channel will be mitered and cut to size based on the opening dimensions provided with your order. Please follow the same instructions provided in step (3 thru 6), for mounting threshold and wall u-channels, to mount the notch panel u-channels. Below are illustrations to clarify the mounting orientations.