6/1/15

GLASSCRAFTERS INC.

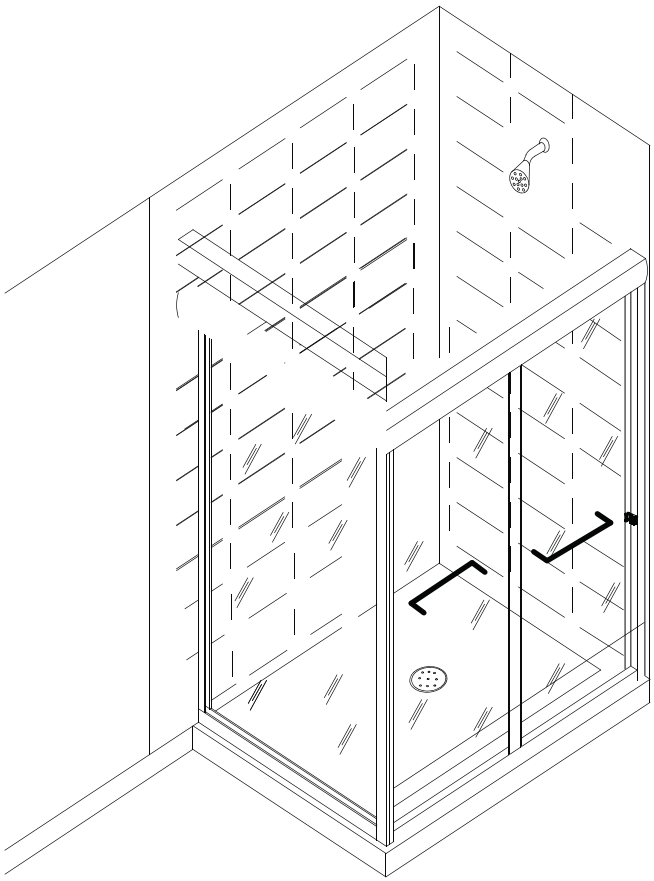
GLASSCRAFTERS, INC.
193 Vetrans Blvd., Carlstadt, NJ 07072

1+ (888) 683-1362 (F) 1+(201) 525-1117
sales@glasscraftersinc.com

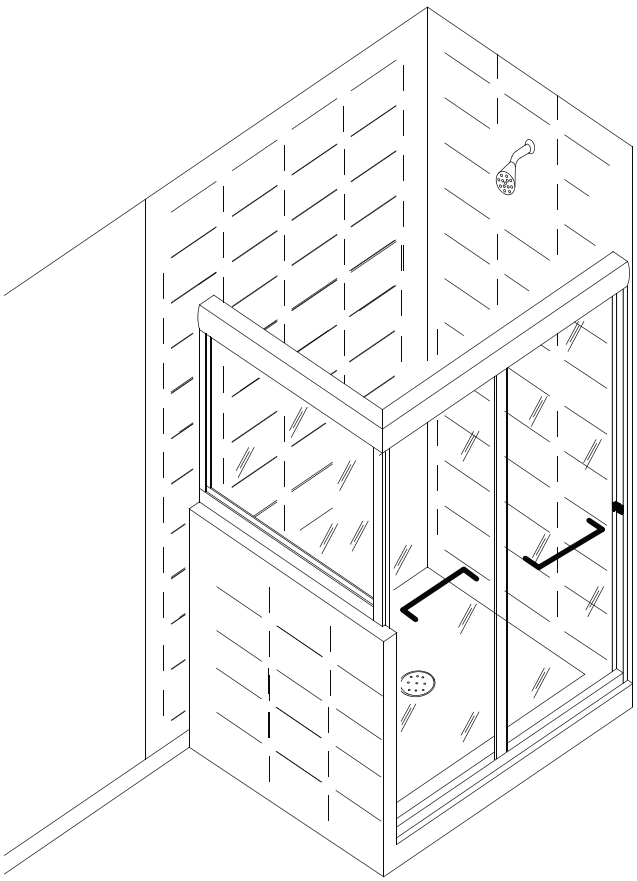
EPIC™ SERIES

Model By-Pass Sliding Doors Installation Instructions

Tub or Shower By-Pass Sliding Doors with Return Panel
Models ET9 - ES9, with Buttress Return Panel Models ETB9 - ESB9



Frameless Corner Enclosure



Buttress Enclosure

IF YOU NEED REPLACEMENT PARTS OR HAVE INSTALLATION QUESTIONS,
PLEASE CALL OUR CUSTOMER SERVICE REPRESENTATIVES.
INSTALLATIONS SHALL BE MADE ACCORDING TO MANUFACTURER'S INSTRUCTIONS AND DRAWINGS.
GLASSCRAFTERS RECOMMENDS THE INSTALLATION TO BE PERFORMED BY A TRAINED INSTALLER.

888-683-1362

For 1/4" GLASS

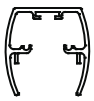
Item No.	Description	Qty.
#1	Header	1 (2 pcs)
#2	Base	1
#3	Wall Jamb	2
#4	Glass Door	1
#5	Glass Door	1
#6	Base Vinyl	1
#7	Jamb Bumper	2
#8	#6 x 1/2" Screw	2
#9	Roller	4
#10	Glass Hanger	2
#11	Wall Anchor	6
#12	#8 x 1 1/4" Screw	8
#13	Towel Bar Pack	1 Set
#14	Center Guide	1
#15	Header Filler	1
#16	Safety Stop	3
#17	10-32 x1/2 Screw	4
#18	Setting Block	2
#19	Wall Channel	1
#20	90 Deg Return Post	1
#21	Return Glass Panel	1
#22	Base Channel	1

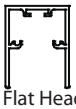
FOR 3/8" GLASS

Item No.	Description	Qty.
#1	Header	1
#2	Base	1
#3	Wall Jamb	2
#4	Glass Door	1
#5	Glass Door	1
#6	Base Vinyl	1
#7	Jamb Bumper	2
#8	#6 x 1/2" Screw	2
#9	Roller	8
#10	Glass Hanger	2
#11	Wall Anchor	6
#12	#8 x 1 1/4" Screw	8
#13	Towel Bar Pack	1 Set
#14	Center Guide	1
#15	Header Filler	1
#16	Safety Stop	3
#17	10-32 x1/2 Screw	4
#18	Setting Block	2
#19	Wall Channel	1
#20	90 Deg Return Post	1
#21	Return Glass Panel	1
#22	Base Channel	1

CAUTION: Risk of injury or product damage. Do not attempt to cut tempered glass.
IMPORTANT! Children should be supervised at all times while in Tub/Shower Enclosure.
IMPORTANT! Never use Door Handle to support yourself. This is for towels or wash cloths only.

PLEASE STOP THE INSTALLATION AND CONFIRM WITH FACTORY IF THE ACTUAL NUMBER OR TYPE OF PARTS IS DIFFERENT.


#1- Round Header


#1- Flat Header (optional)


#2- Base

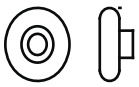

#3- Wall Jamb


#6- Base Vinyl 3/8" Glass


#6- Base Vinyl 1/4" Glass


#7-Jamb Bumper

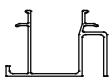

#8- 6x1/2" Screw


#9- Roller


#11- Wall Anchor


#12 -1 1/4" Screw


#14- Center Guide

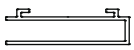

#15- Header Insert

#16- Safety Stop


#17- 10-32 x 1/2" Machine Screw


#18 -Seting Block


#19 -Wall Channel


#20 -Return Post


#22 -Base Channel

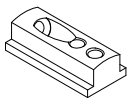

#23 -Glazing Vinyl comes with 1/4" Inline panel

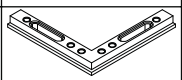

#24- Wall and Base Filler (if applicable)


#25- Set Of Towel Bars

#26 -1 1/4" Screw


#27- 6x3/8" Screw


#28- Header Bracket


#29- 90 Degree Header Bracket

Tools Required - For installation of Your Shower Enclosure

A - Safety glasses.
B - Measuring tape.
C - Pencil.
D - Hack saw or chop saw (with carbide teeth).
E - Miter Box or Square.
F - Level.
G - Electric Drill.
H- Center Punch
I - Drill bit, 1/8" (for installation on a fiberglass enclosures)
Drill bit, 3/16" masonry (for installation on ceramic tiles or marble)
J - Power screwdriver
K - #2 phillips screwdriver
L - Caulking gun

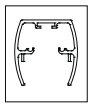
When ordering replacement parts,please specify the Model Number,Item Number & PartDescription.

Save these Installation Instructions For The Future Reference.
Write your Dealer information down on Notes Section.

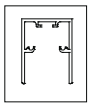
Ask your Dealer for JOB LOG NUMBER (Lxxxxxx-xxx) Referencing to your shower enclosure.

Installation shows 3/8" glass by-pass shower enclosure with two standard towel bars. Other units may vary.

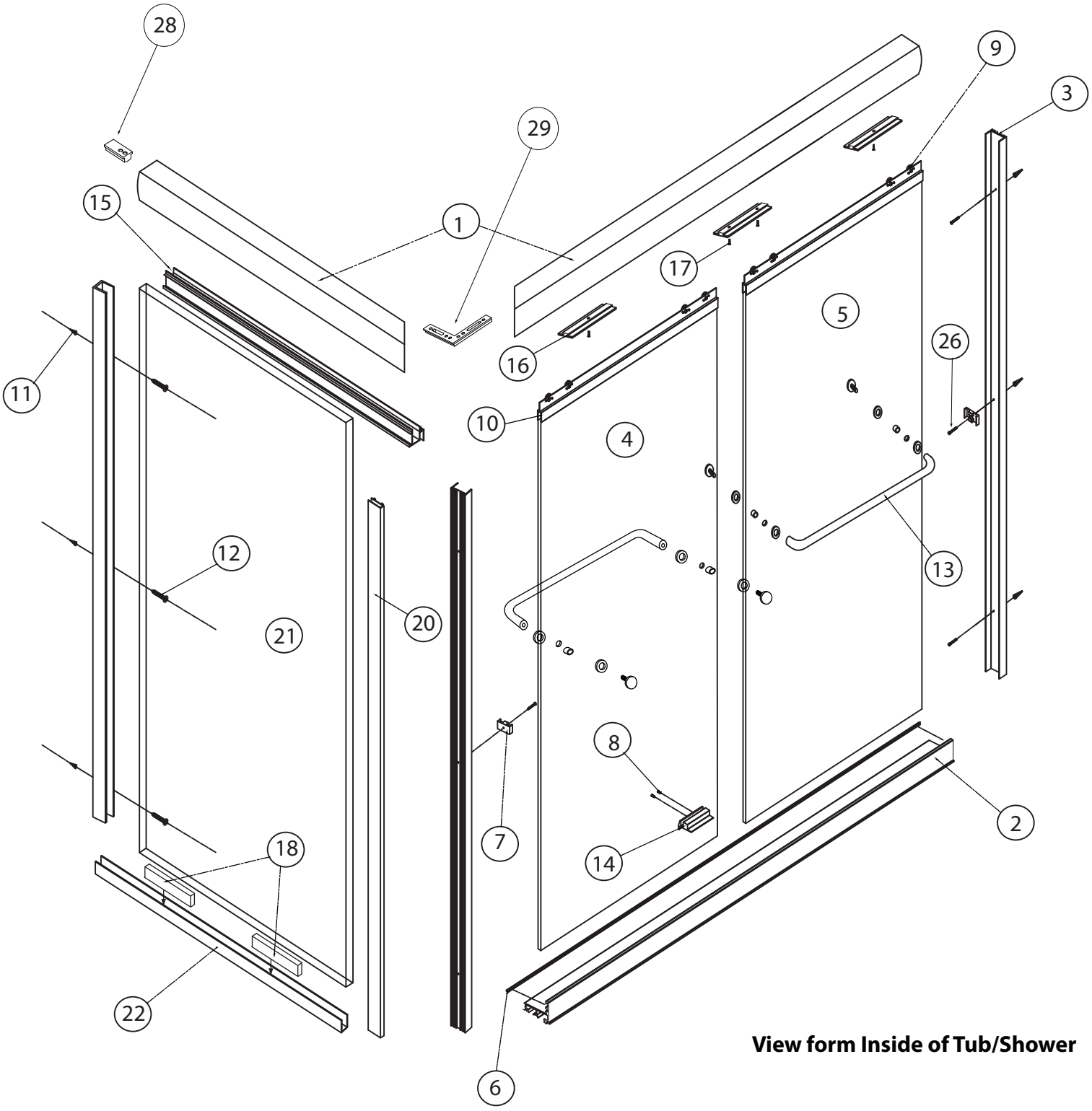
Installation shows Round Header. Flat header is Optional.



ROUND HEADES SECTION



FLAT HEADES SECTION



View form Inside of Tub/Shower

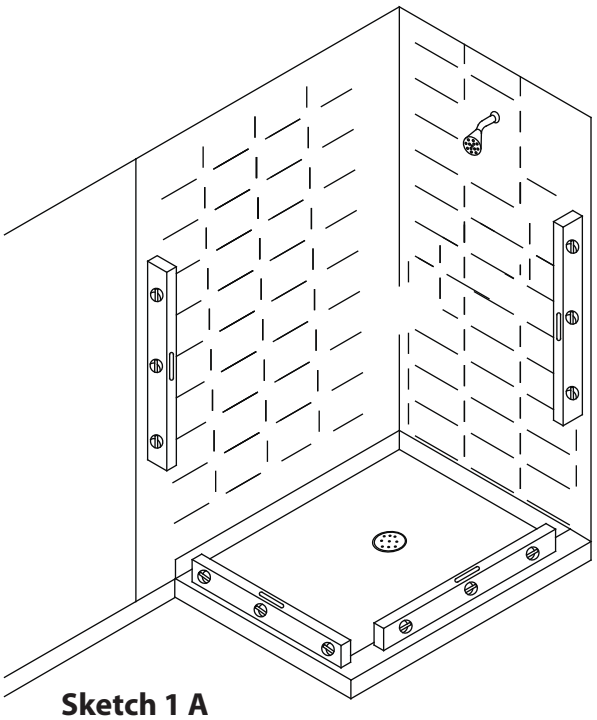
Installation Instructions for GlassCrafters Epic By-Pass Shower Enclosure

IMPORTANT: Read all instructions carefully and become familiar with all parts before installation.

Unpacking: Care should be taken unpacking your Shower Enclosure. Place the Glass Panels in an upright, Safe location to avoid damage. Never place glass directly on hard surface.
A Box cutter should not be used to open box.
Please remove all staples from the box prior to unpacking metal and glass.

Cleaning: Never use scouring powder, pads or sharp instruments on metal work or glass panels. We recommend the use of a squeegee after each shower to eliminate water spots on the inside of the glass panels.
An occasional wiping down of the glass panels and anodized aluminum parts with a mild detergent,diluted in water,is all that is needed to keep your Shower /Tub Enclosure looking brand new.

1



Sketch 1 A

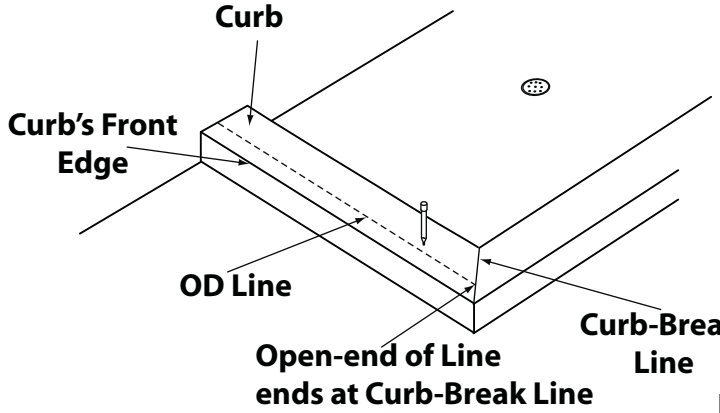
IMPORTANT:
Determine if your Tub/Shower Stall Enclosure ledge is Level and Wall are plumb as shown in **Sketch 1A.**
If they are out of Level/Plumb, by more than 1/4", **STOP!** and call Customer Service. The Phone number is
1-888-683-1362
A Base filler and /or Wall Jamb Filler are recommended for obtaining proper adjustment;
both are available through Customer Service.
If they are Level/Plumb, or out of Level/Plumb for less than 1/4" proseed with installation.

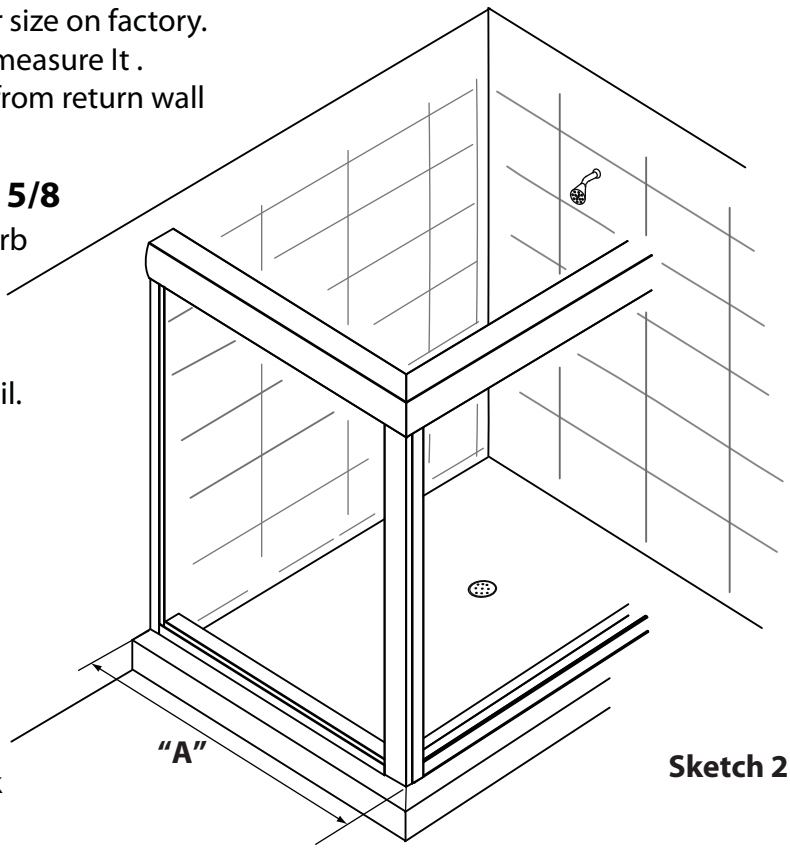
2

The Base Channel # 22 for return panel is cut per size on factory. Locate that channel among supplied parts and measure It . Add 2 5/8" to the measurement. That is the size from return wall to the front of unit. See **Sketch 2A** for detail.

"A" = BASE CHANNEL #22 + 2 5/8

Using pencil and ruler draw a line (**OD Line**) on the curb equal to size "A". Make sure that Open-end of the line (opposite to wall end) ends at curb-break line. Also make sure that it is parallel to curb's front edge. See **Sketch 2A** for detail.

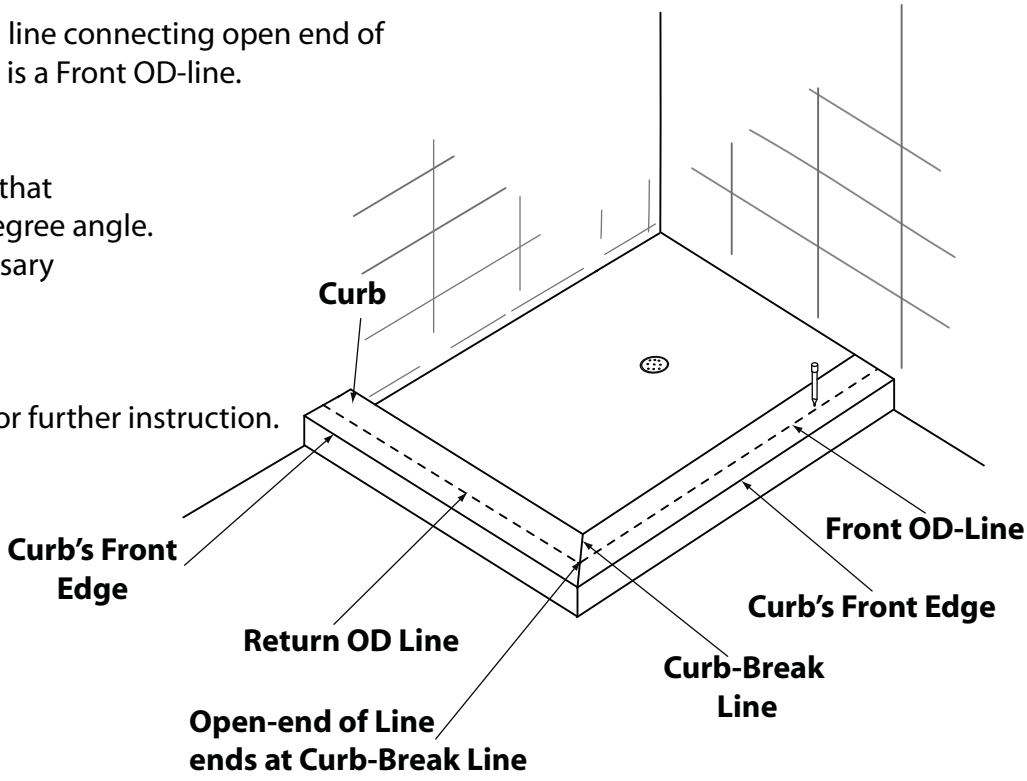




Sketch 2 A

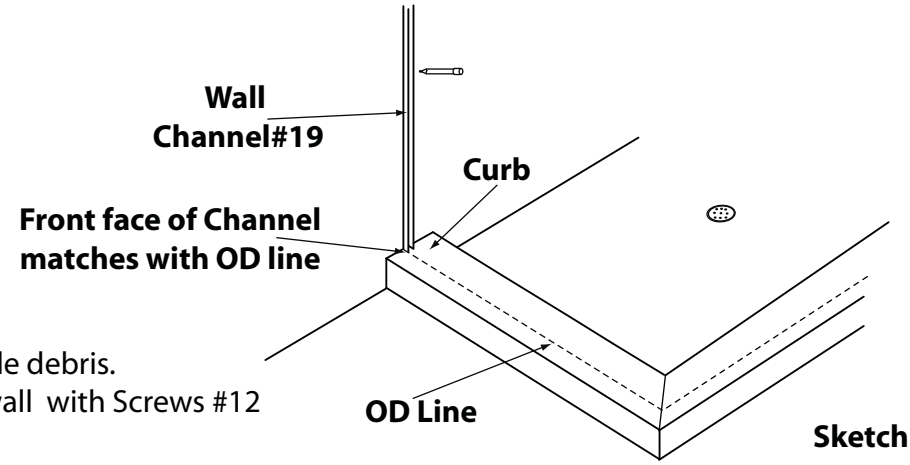
3 Using pencil and ruler draw a line connecting open end of return OD-line and wall. That is a Front OD-line.

Make sure it is parallel to curb's front edge.
Use an angle-finder or square to make sure that Return and Front OD-lines are making 90 degree angle.
If the angle is not 90 degree, then it is necessary to measure the difference.
If the resulting angle differs from 90 by just 1-3 degrees then continue with installation.
If angle difference is more, contact factory for further instruction.
See **Sketch #3A.**



Sketch #3A

4 Set the wall Channel #19 on return wall. The front face of the channel should match with OD line.
Use level to make sure that it is plumb. Using pencil mark the hole locations on the tile.
Remove the Wall Channel#19 and drill the holes. Insert Wall Anchors#11
See **Sketch #4A.**

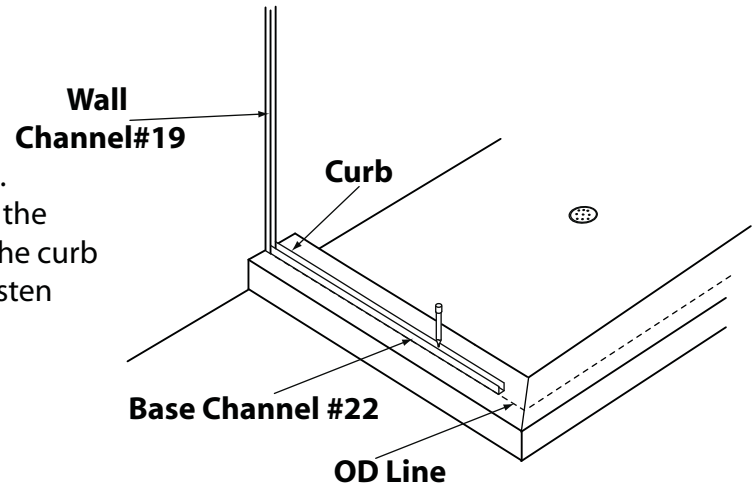


Sketch #4A.

Clean curb and extrusion from dust and tile debris.
Set Wall Channel#19 and fasten it to the wall with Screws #12

5

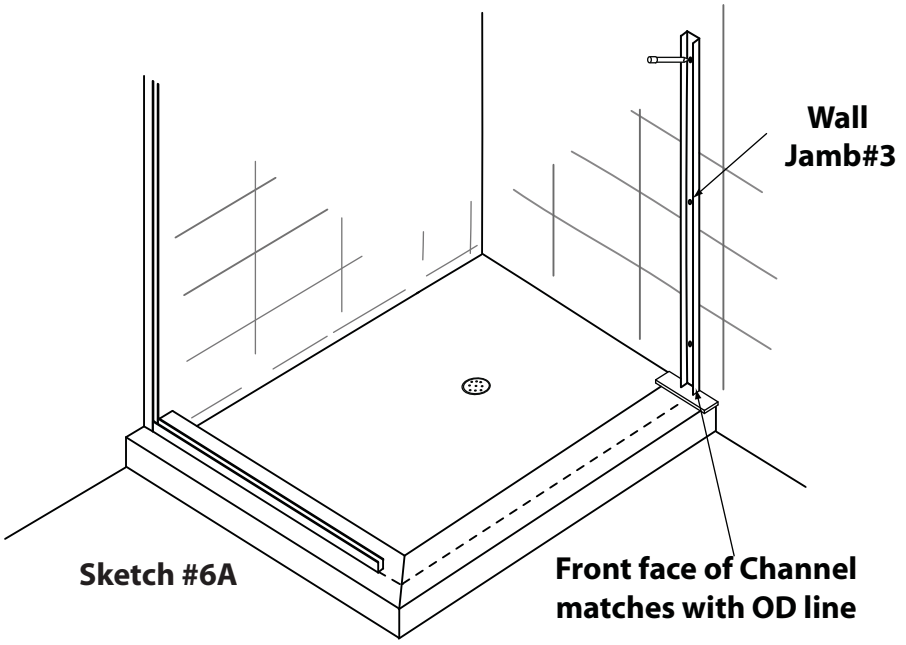
Set the Base Channel #22 on return curb.
The front face of the channel should match with OD line.
Use pencil to mark holes locations on the curb. Remove the Base channel. Drill the holes. Insert Anchors# 11. Clean the curb from dust and debris. Set Base Channel # 22 back and fasten it to curb with Screws# 12 . See **Sketch #4A.**



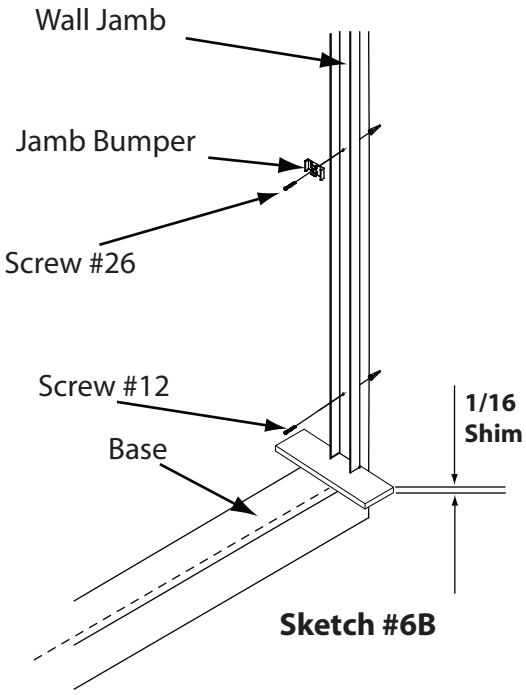
Sketch #5A.

6

Wall Jamb # 3 is cut per size on factory.
Place a 1/16 shim on the corner by opposite wall, where Wall Jamb#3 will be installed
Position Wall Jamb #3 on top of 1/16 shim (**Sketch #6A**). The front face of the channel should match with OD line.
Mark locations of holes. Remove Wall Jamb #3 and drill the marked holes.
Clean curb and extrusion from dust and tile debris.
Secure Wall Jamb #3 with Screws #12 using top and bottom hole.
For middle anchor use Screw #26 and Jamb Bumper # 7 .See **Sketch #6B** for detail.



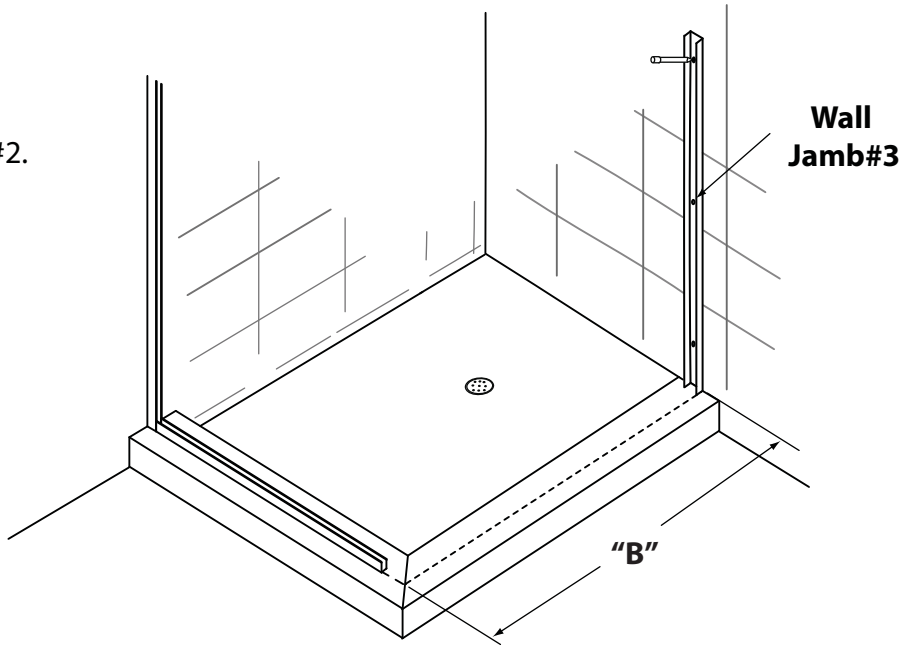
Sketch #6A



Sketch #6B

7

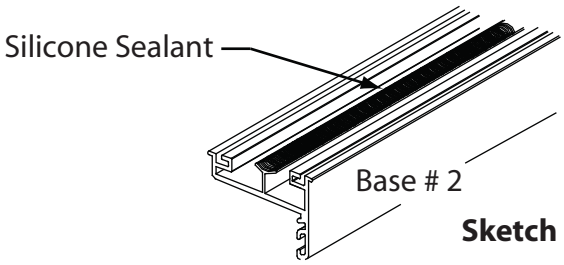
Base #2 is left oversized on factory.
Using a tape-measure measure the length "**B**" of the Front OD-line as it is shown on **Sketch#7A**.
Subtract 1" from size "B". That is the size of Base#2.
Cut Base#2 to the size.
To obtain the best results, use a carbide tooth metal cutting chop saw or metal hack saw.



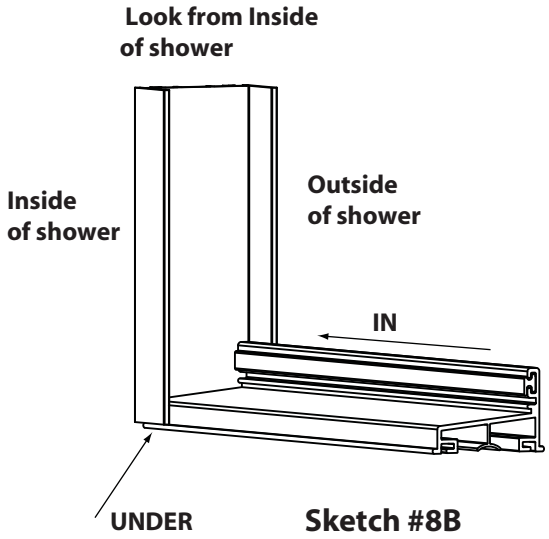
Sketch #7A

8

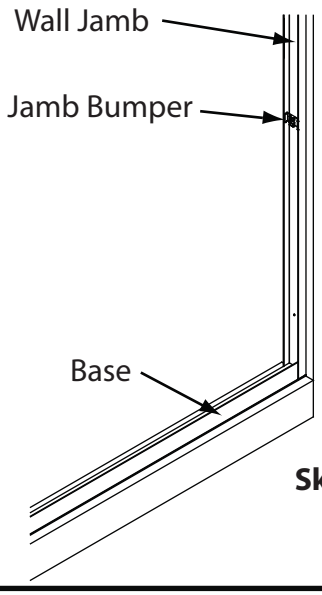
Remove 1/16" shim from under the Wall Jamb #3.
Apply a thick continuous bead of Silicone Sealant to the underside of the Base, as shown in **Sketch #8A**.
Set the Base #2 on the curb fitting it **UNDER** and **IN** wall jamb #3, as it shown on **Sketch #8B**
It gap under wall jamb#3 is not big enough for Base #2 to slide, loose the fastening Screws #12 and #26 on Wall Jamb#3 and shift it up.
When Base #2 is set, use a clean paper towel to wipe off the exes silicon from curb.



Sketch #8A



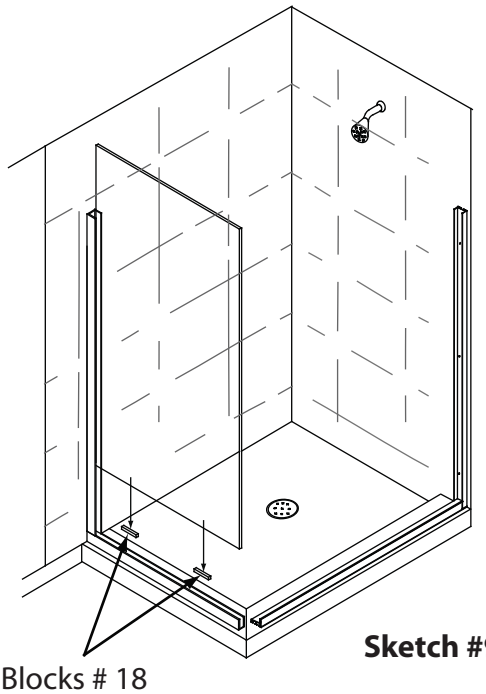
Sketch #8B



Sketch #8C

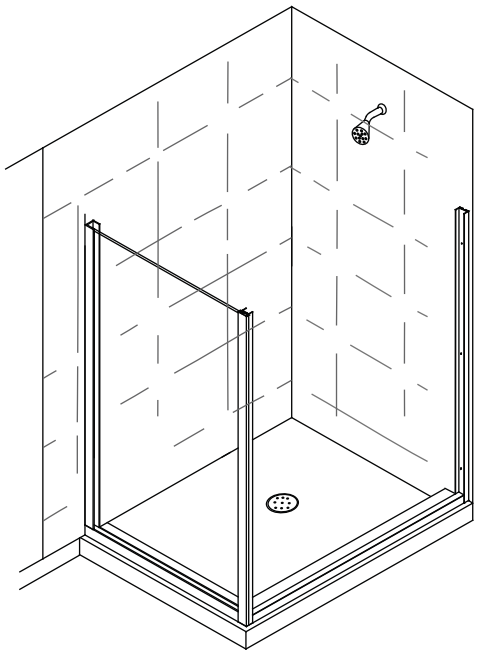
9

Carefully Set the Glass Panel into Wall Channel #19 and Base Channel #22. See **Sketch # 9A**
Be careful not to chip or strike the glass edges. Glass can break if edges are not handled properly.
Place Wall Channel #19 and Post Return # 20 into position as shown in Sketch #9C.
Use a level to make sure that Corner Post (combined Wall Jamb#3 and Return Post #20) is plumb in both directions. Use few strips of masking tape to immobilize Corner Post in that position.

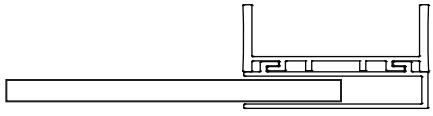


Set Blocks # 18

Sketch #9A



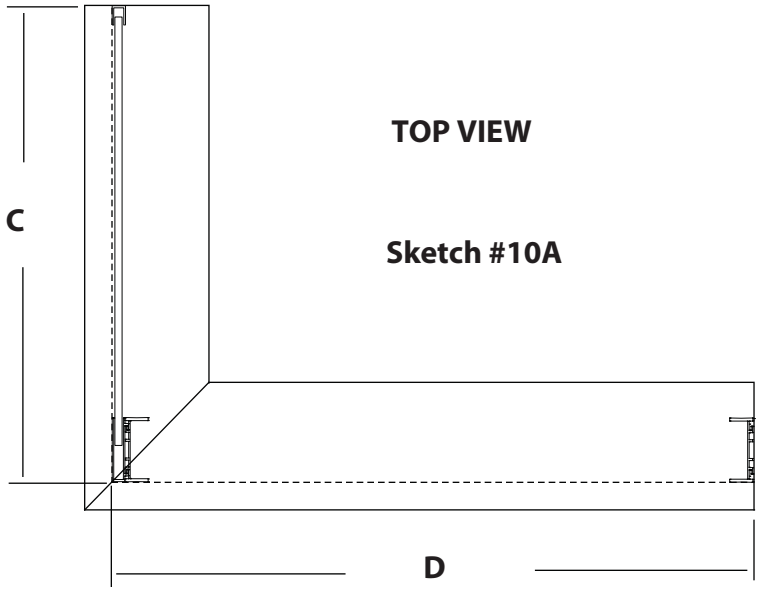
Sketch #9A



Sketch #9C

10

The Headers#1 are left oversized on the factory and must be cut to size based on "C" and "D"



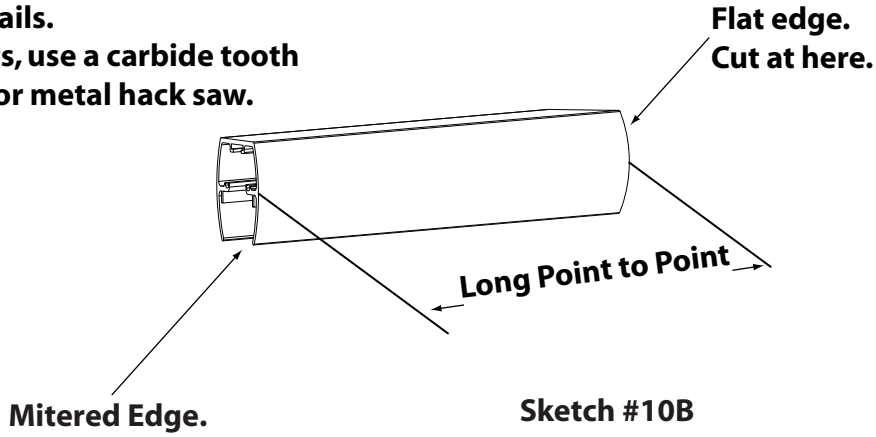
TOP VIEW

Sketch #10A

For Round Header
Header for Return = "D" + 7/16"
Header for Front = "C" + 7/16

For Flat Header
Header for Return = "D" + 1/8"
Header for Front = "C" + 1/8"

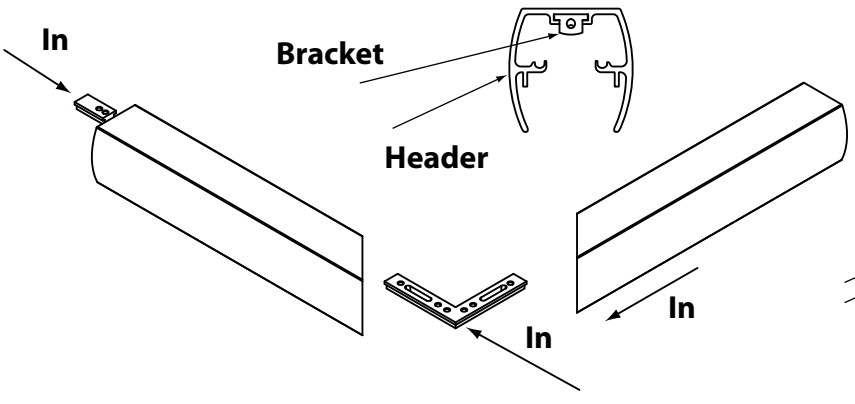
The Cutting must be performed at Flat end of header.
Measurements must be performed from "long point" to "point".
See Sketch #10B for details.
To obtain the best results, use a carbide tooth metal cutting chop saw or metal hack saw.



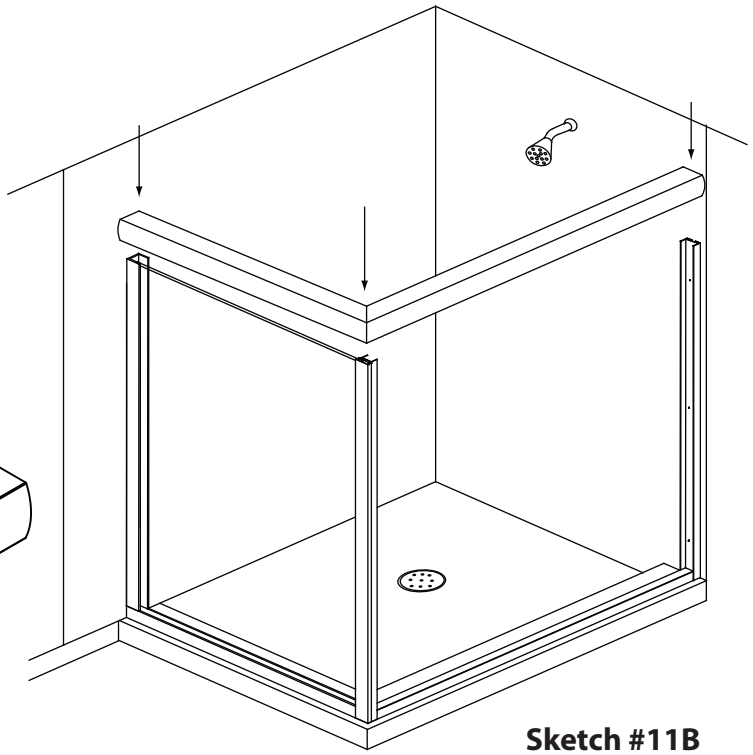
Sketch #10B

11

Insert the Header Bracket #28 and
90 Degree Header Bracket #29 into
the return Header as it shown on **Sketch #11A**.
Using Allen French Slightly tighten the Allen screws to
fix brackets inside the header. Attach the front header.
Set the Headers on top of wall jamb#3 and Corner Post.
Use level to make sure that the Header is level.



Sketch #11A



Sketch #11B

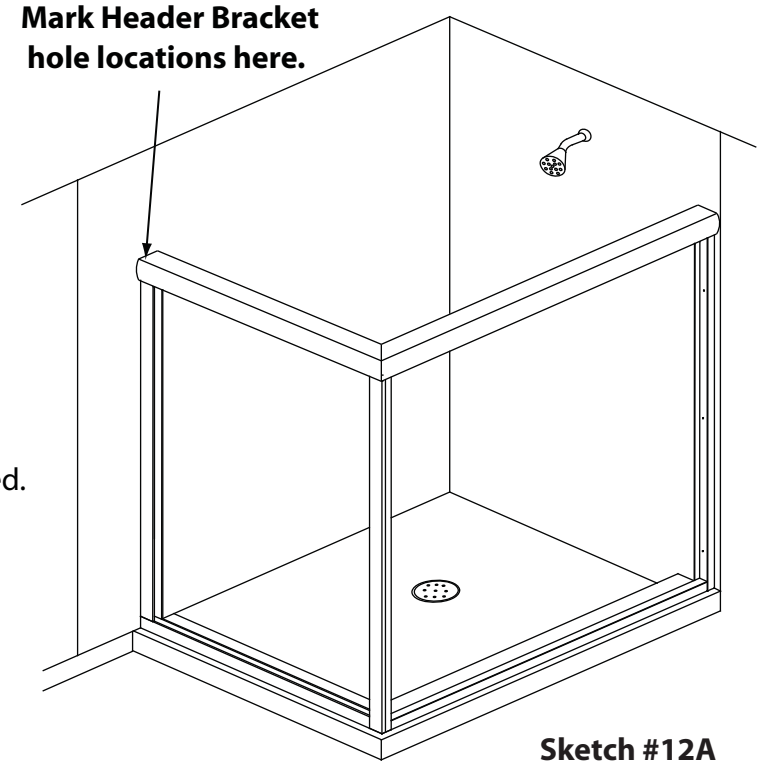
12

Standing inside of the shower Mark the Hole location of the Header Bracket # 28 on tile. **Sketch #12A.**

With Header still on Measure Size "E". See **Sketch #13A.** **The size "E" will be used in next step.**

Lift up and remove the Header Assembly from Wall Jamb#3 and Corner Post.
Remove Corner Post as well as Return Glass Panel.
Be careful when handling Glass. It will shatter if mishandled.

Drill Hole For Header Bracket and Insert Anchor #11.
Clean the Dust and Debris.



Sketch #12A

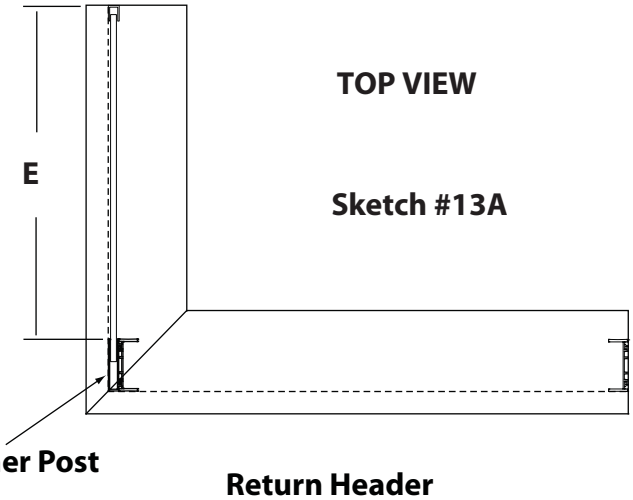
13

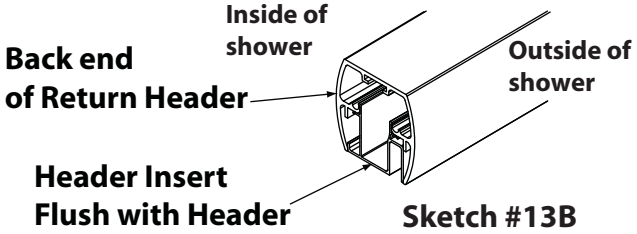
Set the Header assembly back and fasten it to the wall using Screw#12

Header Insert #15 is left oversized on factory.
Previously measured size "E" is a cut size for it.
Cut Header Insert#15 to size.

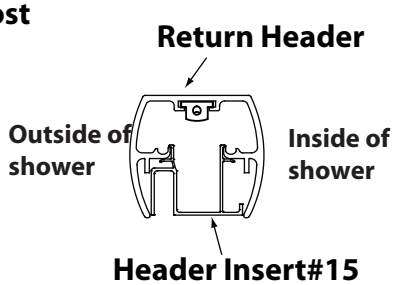
Snap the Header Insert #15 Into Return Header Flush with back side of it.

See **Sketch#13B and #13C** for details.



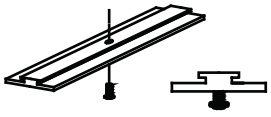


Sketch #13B

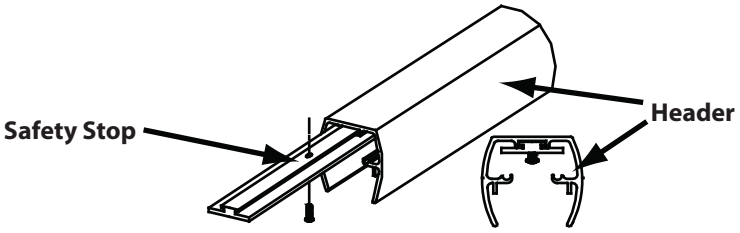


Sketch #13C

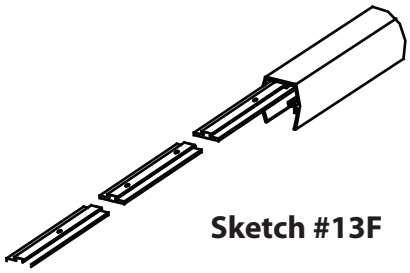
Open Safety Stop Package. Insert Screws into safety stops as shown in **Sketch #13D**. Insert Safety Stops into Front Header as shown in **Sketch #13E**. Make sure to insert Safety Stop with 2 holes as shown in **Sketch13F.**



Sketch #13D



Sketch #13E

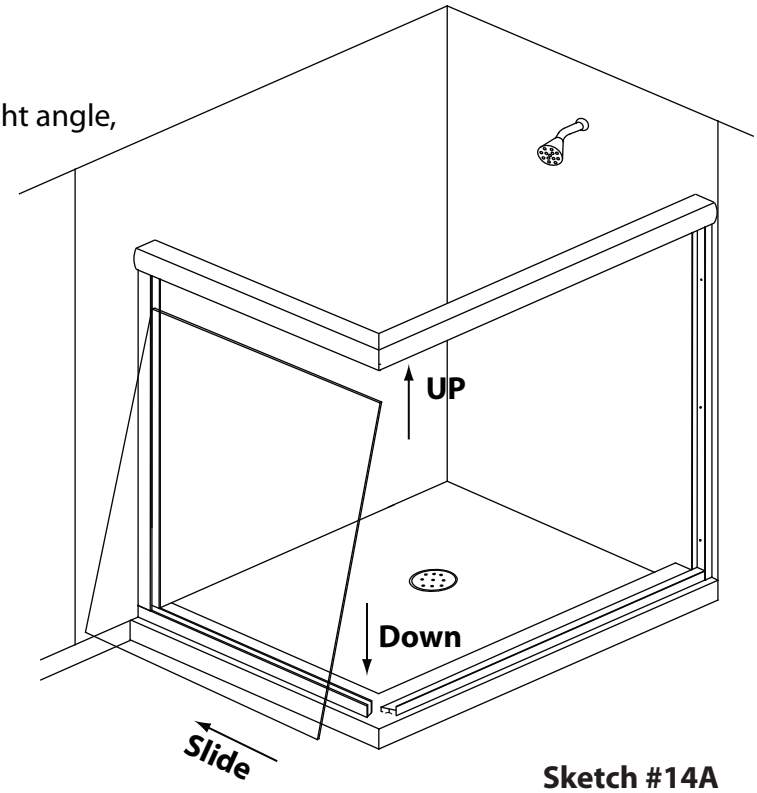


Sketch #13F

14

Holding Return Panel Glass from sides and under a slight angle, insert it up into the Header Insest#15, and then down into Base Channel#1333 and Slide Left into Wall Channel #3. **Sketch #14A**

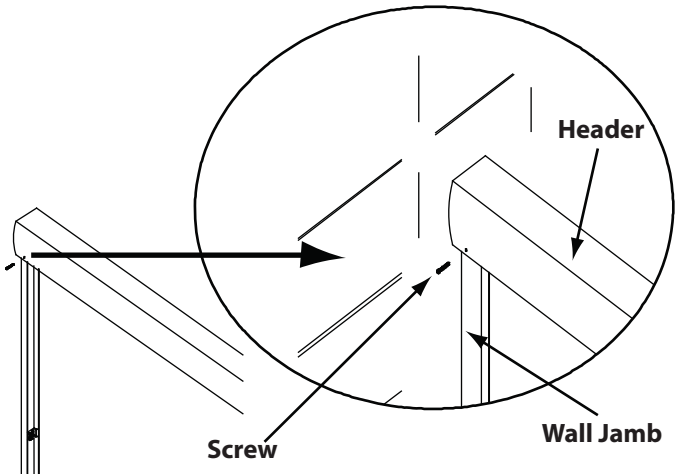
Re-install Corner Post, fixing it plumb on the glass with masking tape. If everything is done right Corner post must just slide into open gap between header and insert.



Sketch #14A

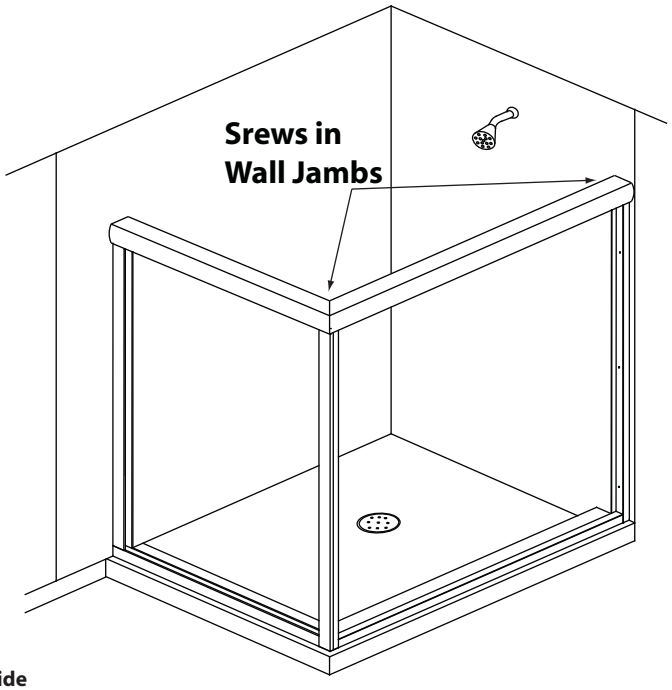
15

Standing inside of the shower Drill and fasten Screw # 27 through the Header#1 into both Wall Jambs#3; on wall side and Wall Jamb #3 in the corner of unit. (**Sketch #15A, #15B and #15C**)

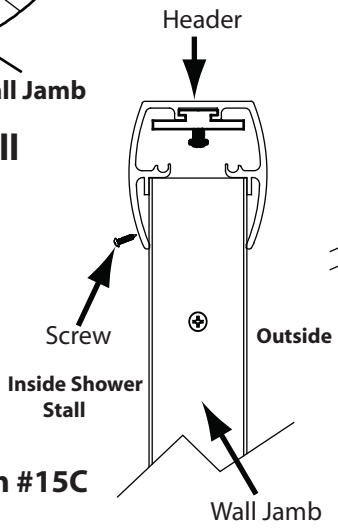


View from Inside Shower Stall

Sketch #15A



Sketch #15B



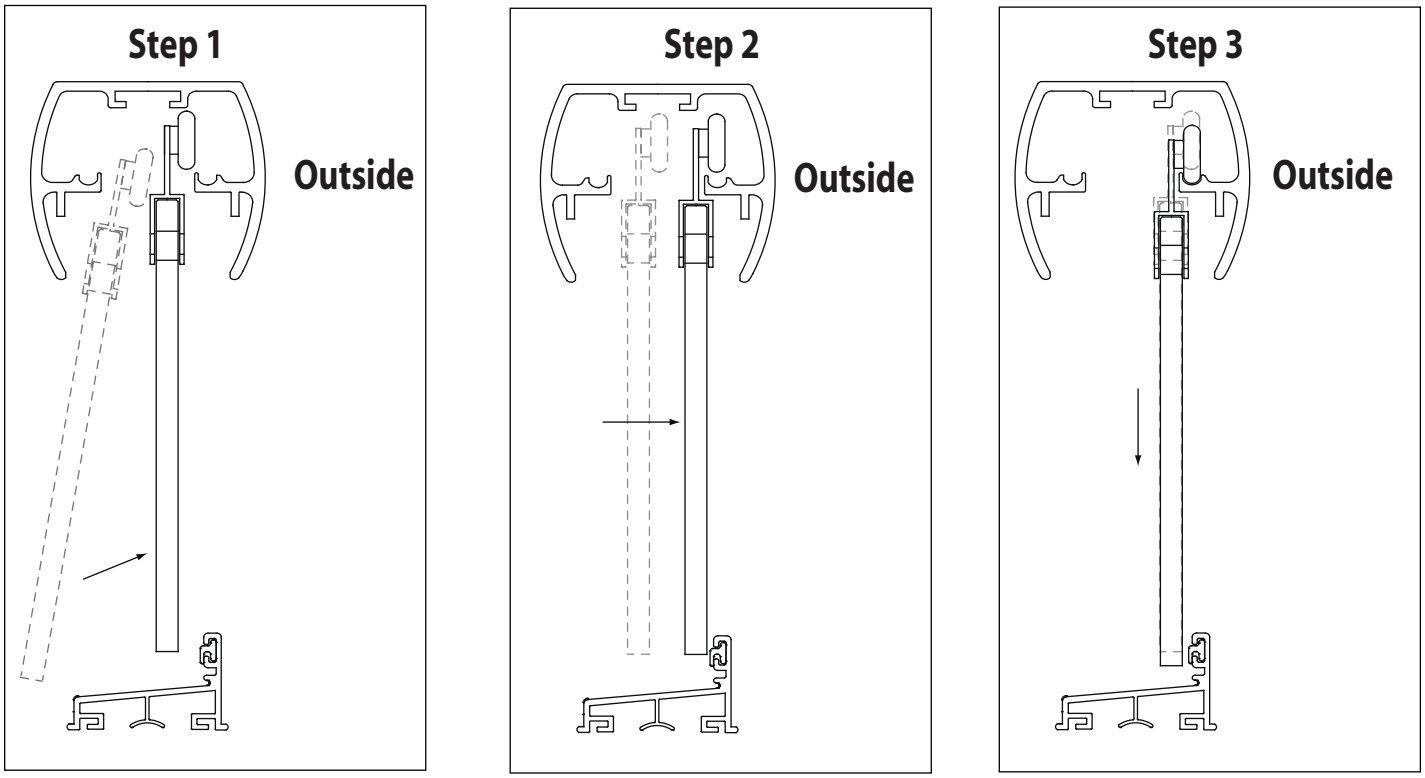
Sketch #15C

16

Glass hangers are installed on to glass panels at factory.

Warning: The Glass Panels are heavy and awkward. It is recommended that two people lift and hang the glass panels.

DO NOT LIFT GLASS PANELS BY THE TOWEL BARS/PANEL PULLS.



Slide Safety Stops to one side before attempting to install Glass Panels.
Panels fill not fit into Header with Safety Stops on the way.

Installing the Outer Glass Panel.

Standing inside of the Tub/Shower, Position the Glass Panel on front of Tub/Shower Enclosure with the Rollers facing OUT Tub/Shower Enclosure.

Holding the Glass Panel by the sides, lift it up into the underside of the header, between roller ledges. Working under a slight angle will make it little easier. (**Step 1**)

With the Glass Panel in vertical position move it toward the outer Track Ledge (**Step 2**) making sure that rollers are above the ledge. Bring the glass down; let the rollers to get on the ledge and inside the track(**Step 3**).

Slowly release, allowing the glass panel to hang freely from the header.

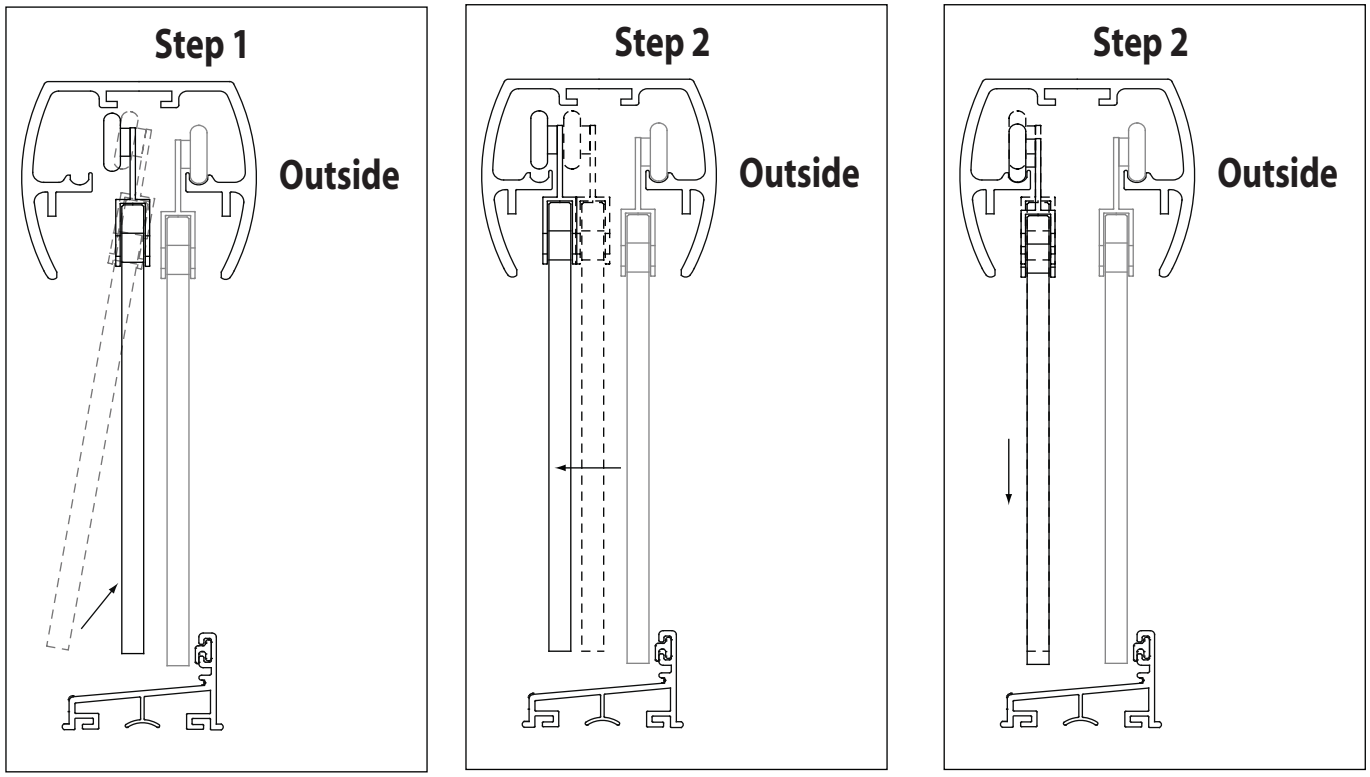
At this point if released, glass will not hang vertically, but under an angle.

While Holding the Glass vertically Slide the Glass Panel back-and-forth in the track.

Make sure that the rolling is smooth and easy.

17

Glass hangers are installed on to glass panels at factory.
Warning: The Glass Panels are heavy and awkward. It is recommended that two people lift and hang the glass panels.
DO NOT LIFT GLASS PANELS BY THE TOWEL BARS/PANEL PULLS.



Slide Safety Stops to one side before attempting to install Glass Panels.
Panels fill not fit into Header with Safety Stops on the way.

Installing the Inner Glass panel.

Standing inside of Tub/Shower, Position the Glass Panel on front of Tub/Shower Enclosure with the Rollers facing IN Tub/Shower Enclosure. Holding the Glass Panel by the sides, lift it up into the underside of the header, between roller ledges.
Working under a slight angle will make it little easier. (**Step1**)
With the Glass Panel in vertical position move it toward the inner Track Ledge making sure that rollers are above the ledge. Bring the glass down(**Step2**), letting rollers to get on the ledge and inside the track (**Step 3**). Slowly release, allowing the glass panel to hang from the header.
At this point, if released, glass will not hang vertically, but under an angle.
While Holding the Glass vertically Slide the Glass Panel back-and-forth in the track.
Make sure that the rolling is smooth and easy.
The Inner Glass Panel must be located on shower head side.

18

There should be 1/4-5/8 space between bottom edge of the glass and Base (Sketch 18A).
That space is necessary for Center Guide.
If it is less or more than mentioned limits the rollers must be moved up/down.

Readjusting Rollers on the Glass Hanger.

NOTE: this step is only performed if necessary.

Remove Glass Panels from Header with same movement repeated backwards.

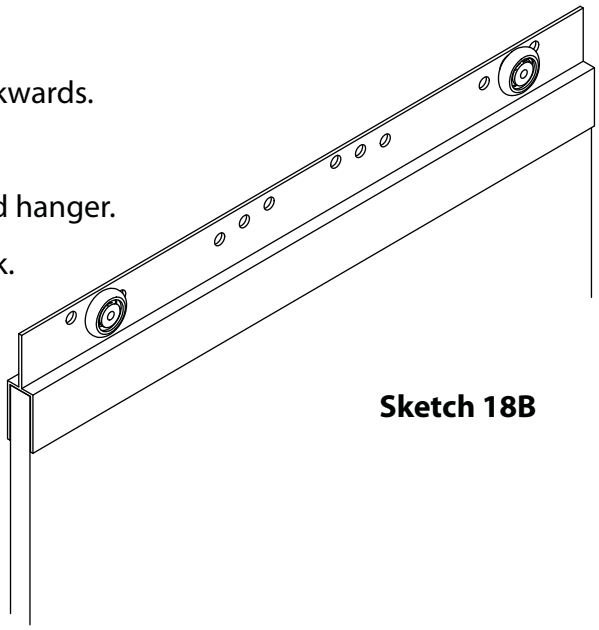
Please note there are a set of pre-drilled holes on hanger, **Sketch 18B.**

Using screwdriver, loosen and remove the screws that fasten rollers and hanger.

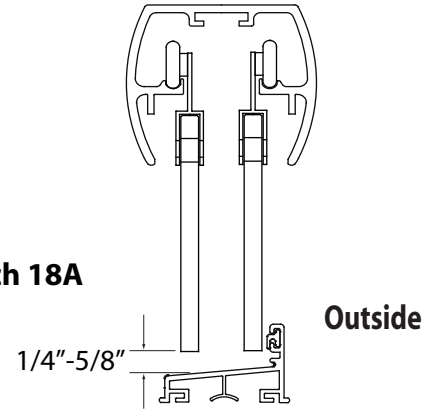
Move the rollers up or down to desired location. Fasten the screws back.

Make sure that screw is tight and roller

will not come off the hanger during the use.



Sketch 18B



Sketch 18A

19

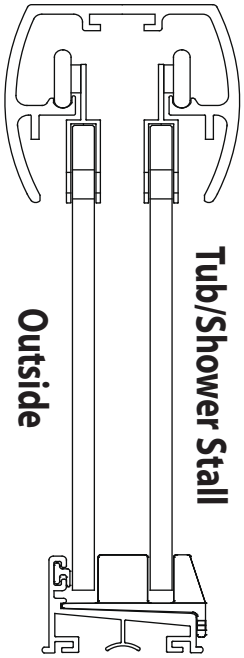
Installing Bottom Guide.

Stand inside the Tub/Shower Enclosure and slide both glass

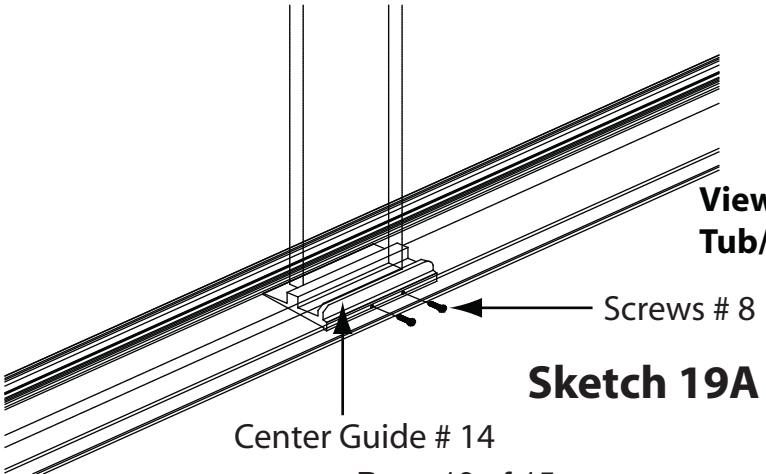
panels to one side of the enclosure.

Install the center guide by sliding it to the center of the base.

Carefully drill 1/32" holes and insert screws as shown in **SKETCH 19A**



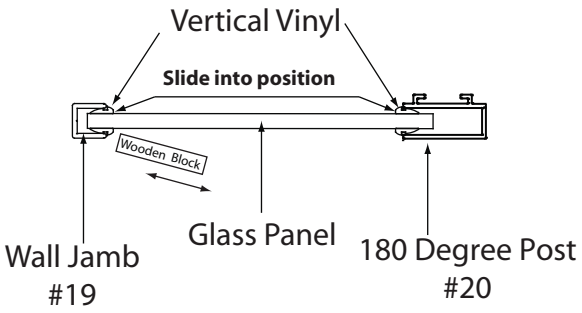
View looking from inside Tub/Shower Enclosure



Sketch 19A

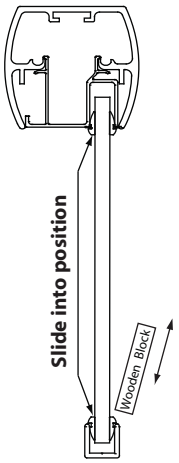
20

TOP VIEW



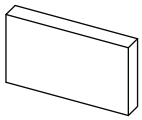
Sketch 12A

Insert Glazing Vinyl# 23 into Wall Channel #19, Header Insert#15 , Base Channel #22, and 90 Degree Post #20. See **Sketch#12A** and **12B** for details. Use a wooden Block to tuck the vinyl in.



Sketch 12B

NOTE: A light spray of Glass Cleaner on the glass will help the vinyl slide into position. Flat square block of wood can be used to tap in vinyl.



3″x5″
Wooden block

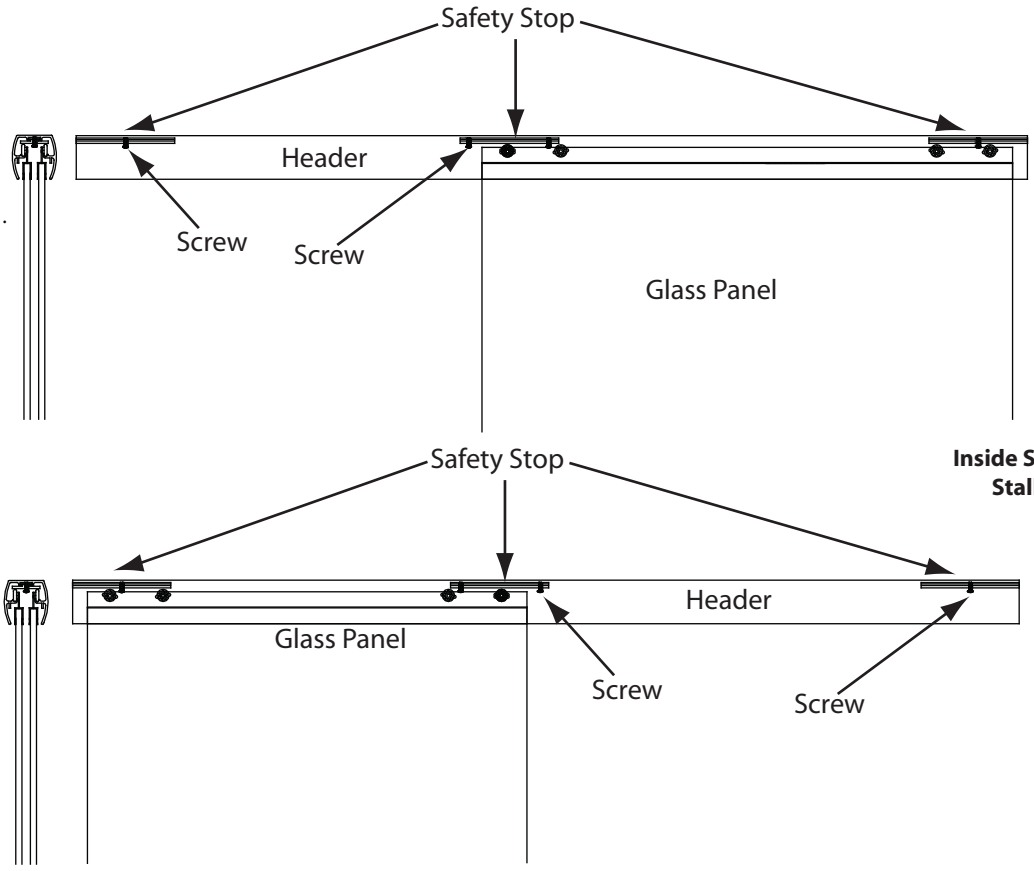
21

Placing and securing Safety Stops

Slide Safety Stops into position and secure as shown in step 1-2
Some lines and Extrusions are not show for clarity

Step 1
Slide both Glass Panels to right . Secure right Safety Stop and Center Safety Stop as shown. Slightly tight the screws on the safety stops to wedge and immobilize theam in Header.

Step 2
Slide both Glass Panels to left. Secure right Safety Stop and Center Safety Stop as shown. Slightly tight the screws on the safety stops to wedge and immobilize theam in Header.



Sketch 21B

22

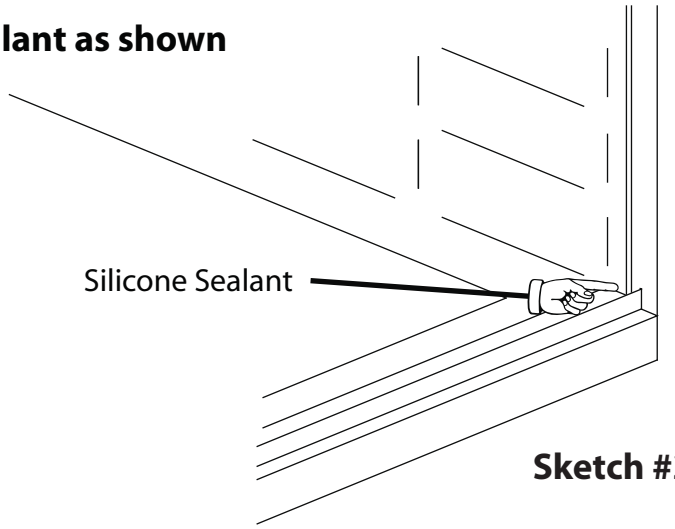
Apply Silicone Sealant as shown

Be sure to add Silicone to both ends of the Base where it meets the Wall Jambs, as shown in **SKETCH 22 A.**

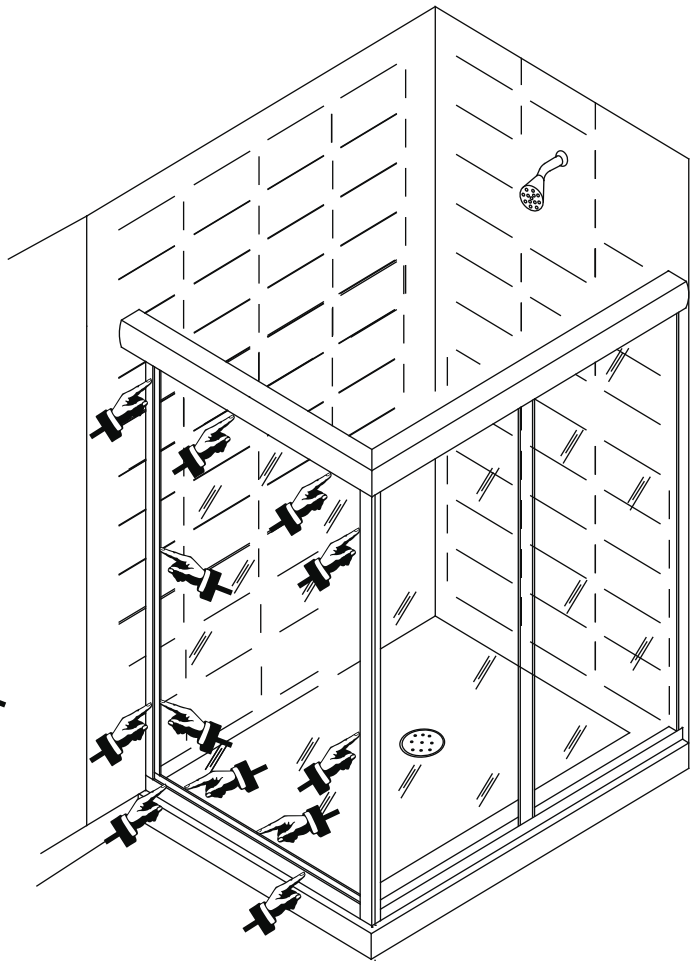
Please note that after applying Silicone Sealant, it must not be used for 24 hours to allow the sealant to set properly.

It is essential that Silicone Sealant be applied at all locations indicated inside and outside, as shown in **SKETCH 22 B.**

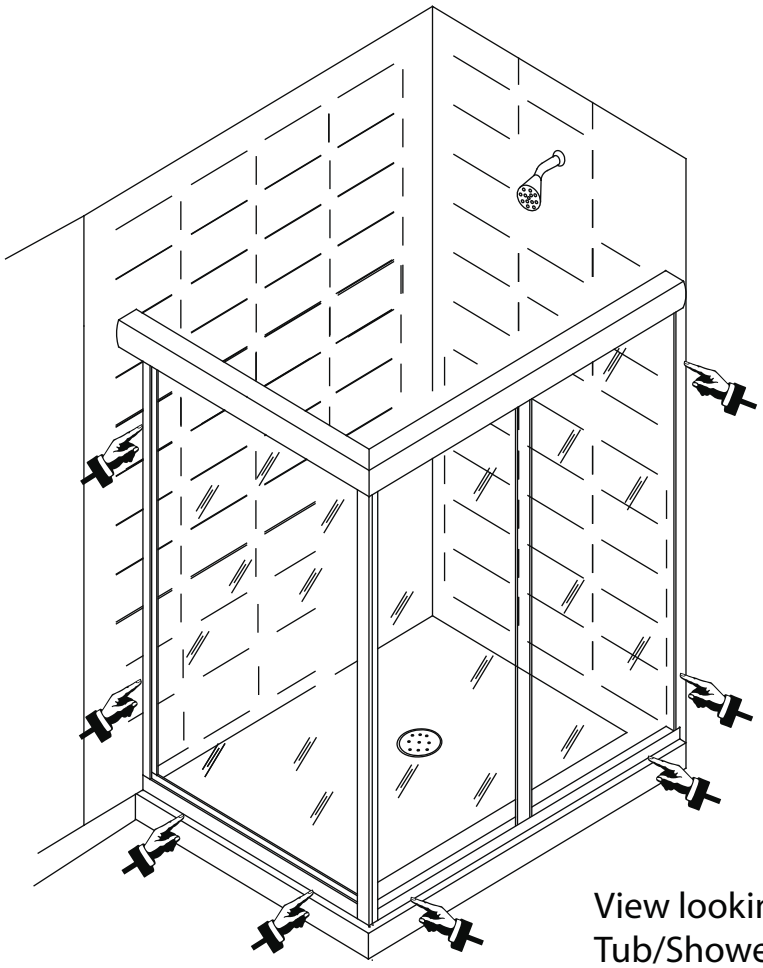
If 3/8 Glass is user for Return Glass Panel Apply a bead of Silicone Sealant to Glass Panel Inside and Outside as shown in **Sketch 22 C.**



Sketch #22A



Sketch #22C



View looking from outside Tub/Shower Enclosure

Sketch #22B