

# EASCO

INSTALLATION  
INSTRUCTIONS

## Shower Doors

### EXPRESSIONS SLIDING DOOR SHOWER AND TUB ENCLOSURES



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Visit us at: [www.easco-shower.com](http://www.easco-shower.com)

**Enclosure Maintenance:** Your new shower enclosure is made primarily from 2 materials; Tempered Glass and Aluminum Extrusions.

**Do's:** If mineral deposits accumulate on the Aluminum Extrusions mix a couple of drops of a mild dish detergent in warm water, using a soft non-abrasive cloth clean the extrusions. Rinse metal with warm water and dry with soft cloth.

If soap and or mineral deposits form on the glass use a product called Bar Keepers Friend Liquid Cleanser, Soft Scrub with Lemon or CRL Sparkle (professional product)

**Do Not:** Do not use any abrasive products, pads and or polishing compounds on the Aluminum Extrusions this will remove the protective sealing layer.

### **Your new EASCO Shower Door is fabricated using Tempered Glass**

**Definition:** Tempered glass is two or more times stronger than annealed glass. When broken, it shatters into many small fragments which prevent major injuries. This type of glass is intended for glass façades, sliding doors, building entrances, bath and shower enclosures and other uses requiring superior strength and safety properties.

**Process:** Annealed glass after fabrication is subjected to a special heat-treatment in which it is heated to about 680°C and afterwards cooled rapidly. This process is governed by: 16 CFR 1201, ASTM 1048-04, ASTM 1036-06 and ANSI Z97.1 – 2009

### **Unpacking your EASCO Shower Enclosure:**

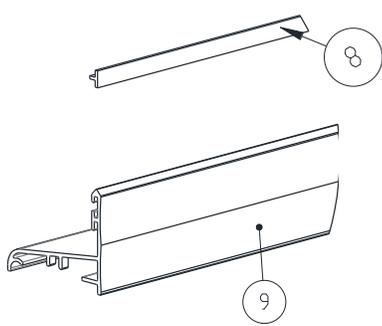
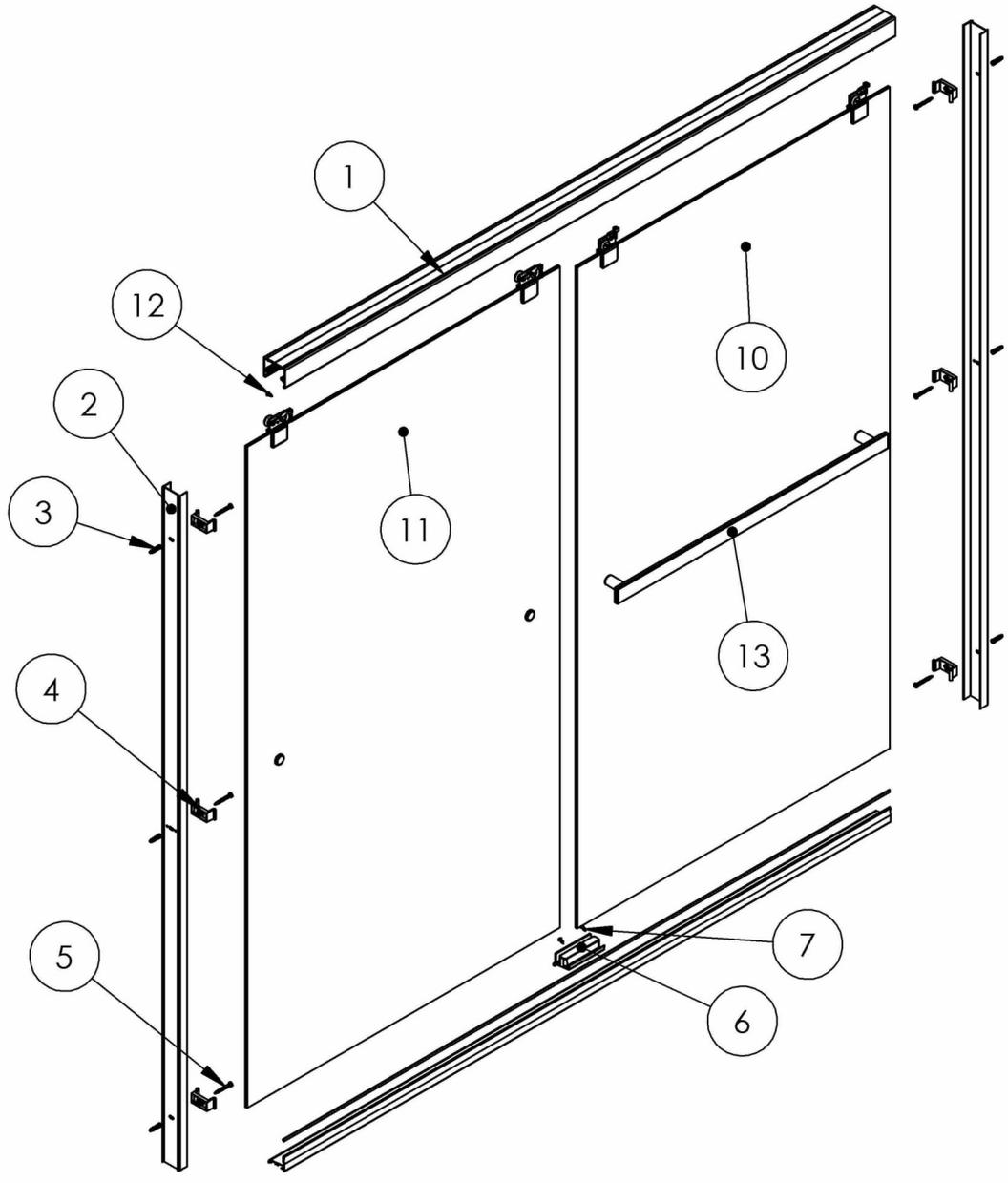
Place the carton in a horizontal position against a wall near the bathroom. Using scissors cut the bands holding the box together. **DO NOT USE A KNIFE** Open the box and remove the components from the carton. Use caution removing the glass doors.

**DO NOT** remove the **BLUE TRIANGLES** from the glass panels. Place the glass panels on a carpeted surface or on the box the unit came in.

**Before Installation:** Familiar yourself with all the parts by comparing them to Page 3

The glass panels are made from Tempered Glass even though very strong and resistant to breakage, the panels can break if they are subjected to various forces. Some of these forces are nicking the glass corners on tile floors, on the tub or shower base during installation. Extreme Caution should be taken.

# Always use Gloves with Rubber Grippers and Eye Protection



DETAIL A  
SCALE 1 : 2

Expressions Slider Parts List		
Item	Qty	Description
1	1	Aluminum Header
2	2	Aluminum Side Jambs
3	6	Moly Fastener
4	6	Bumper
5	6	#8x 1-1/2"L Self Tapping Screw
6	1	Center Guide
7	2	#6x3/8"L Self Tapping Screw
8	1	Bottom Track T-Wipe
9	1	Aluminum Bottom Track
10	1	Front Glass Panel with Roller Bracket
11	1	Rear Glass Panel with Roller Bracket
12	2	#8x1/2"L Self Tapping Screw
13	2	Towel Bar Assemblies

## Tools and Supplies Need to Properly Install Your New EASCO Enclosure:

Tape Measure, 48" Level, Electric or Battery Powered Drill, #1 and #2 Philips Screw Drivers, Drill Bits: # 37, 1/8" and a 3/6 Masonry \*( see note below), Hack Saw with a 32 Tooth Blade to cut Metal, Miter Box, Center Punch, Hammer, Silicone (RTV) Caulk ( do not use Latex Caulk with Silicone), Pencil, Masking Tape, Gloves and Safety Glasses.

\* Due to the different types of wall materials and you are not sure what type of MASONRY DRILL BIT works for your wall material, please call the store where you purchased the material for their recommendation.

### Basic Checks BEFORE STARTING the Installation

1. Place a 48" level on the TUB DECK, is the tub deck LEVEL within a 1/4"? If yes continue to step 2. If not Call your dealer, you may need a Bottom Track Tapered Filler.
2. Place the 48" Level on the walls where the Side Jamb are to Mounted, Are the 2 walls PLUMB within a 1/4"? If yes continue to step 3. If not Call your dealer, you may need a Side Jamb Tapered Filler.
3. Please Read the Step by Step Instructions below to become familiar with the procedures.

## Installation Instructions

**Step 1:** Measure the Tub Length where the Bottom Track ( item # 9 page 3) will be placed. Measure accurately. The bottom track will need to be cut to length.

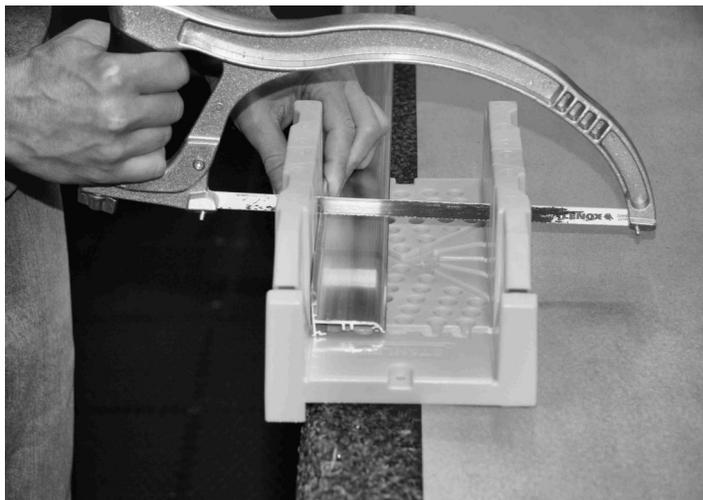
The proper length will be the measured amount less (- ) 3/8".



Example:  $58-9/16'' - 3/8'' = 58-3/16''$  that is the cut length.

*Mark the bottom track with a pencil at the new length, in this example 58-3/16*

Step 2: Cut the Bottom Track (#9 page 3) to YOUR calculated length. Before Cutting the Bottom Track move the Plastic Guide (#8 page 3) so it is flush on the opposite end not being cut. Tape in place so it does not move. Place the Bottom Track in the Miter Box, holding the Bottom Track with Your hand and line up the Line you just made with the 90 degree slot in the Miter Box. Cut the Bottom Track to Length.



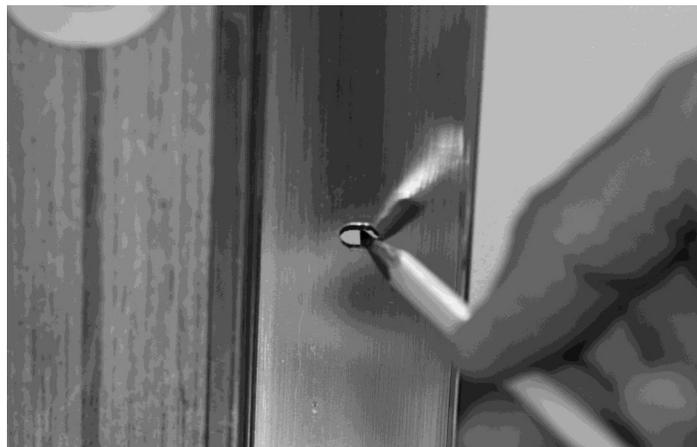
Step 3: Place the CUT Bottom Track on the Tub Sill. Accurately CENTER the Bottom Track on the Tub Sill Front to Back.

Measure at each end of the Bottom Track against the Wall with your Tape Measure. The 2 end measurements should be  $3/16$ " from each wall.

Tape The Bottom Track to the Tub. **RECHECK Your MEASUREMENTS. If correct Mark the Location of the Bottom Track on the tub**



Step 4: Have your level and a pencil handy, you will need to mark the Side Jamb location when it is Plumb. Place one of the side jambs (Factory Pre-Cut), between the wall and the Bottom Track. Check the Side Jamb for Plumb. When Plumb mark the location on the wall and also tape it to the wall. Check the Dimensions from the wall to the side Jamb, make sure they are equal. If they are Mark the slot locations.



Step 5: Repeat process in step 4 for the other Side Jamb

Step 6: Remove the 2 Side Jambs and Bottom Track

Use extreme caution: too hard a strike on the center punch will break the tile or wall material.

Take your center-punch and find the center of the slots you marked. Gently tap the center punch to create a small divet.

Step 7: Masonry Walls

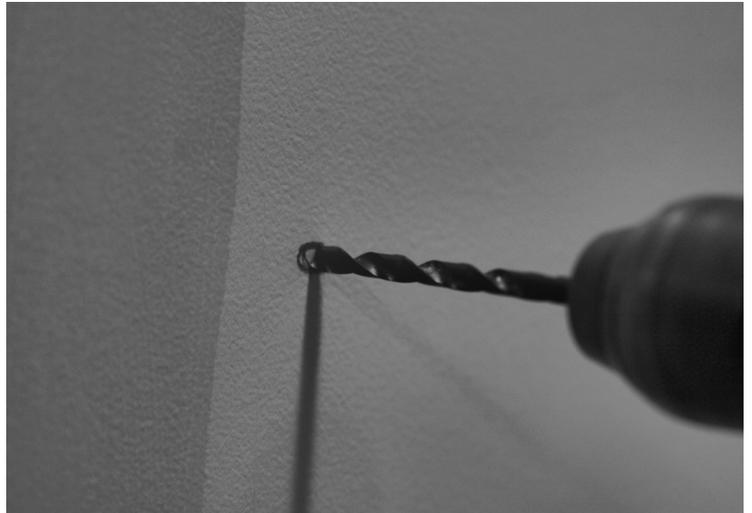
Mount the 3/16" diameter Masonry Drill Bit in your Battery or Electric Drills chuck. DO NOT USE A HAMMER DRILL. Drill the 6 (six) holes for the plastic molly's.

Fiberglass Enclosures

Mount the 1/8" diameter Drill Bit in your Battery or Electric Drills chuck. DO NOT USE A HAMMER DRILL.

Drill the 6 (six) holes for the screws. Apply Silicone Sealant into the drilled holes before installing the screws.

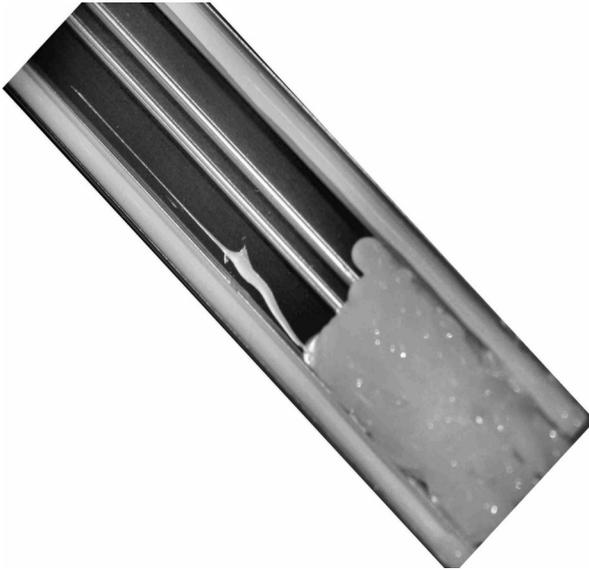
Do not use the plastic molly's in a fiberglass enclosure



Step 8: Clean all surfaces, walls where the Side Jambs mount (DO NOT REMOVE PENCILLED LINES) and the Bottom Track on the Tub Deck.

Step 9: Masonry Walls Only

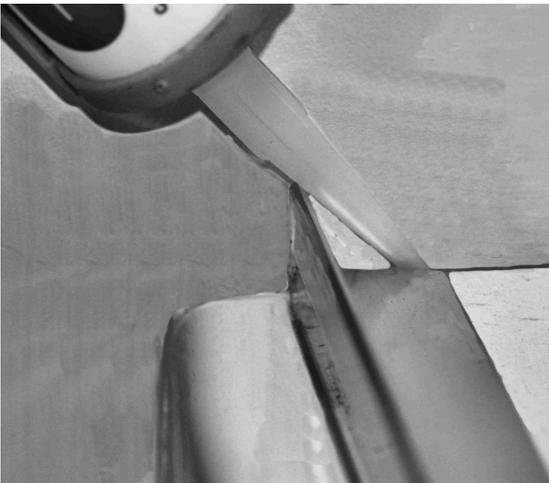
Apply Silicone Sealant into the drilled holes and place in each hole a Plastic Molly. Gently tap in the molly until the shoulder is flush with the wall surface.



Step 10: Apply a continuous bead of Silicon Sealant in the 2 channels on the bottom side of the Bottom Track. The silicone should be above the edges of the channel. Also fill an area on both ends about 1-1/2" in length as shown in the photograph.

Step 11: Carefully place the Bottom Track on the tub deck between the drawn lines. Check the distance from the wall, the gap on both ends should be the same. Once you are satisfied with the location tape down the bottom track 6" from both ends and the center.

Step 12: Fill the gap between the Bottom Track and the walls with Silicone as shown in the picture. This is done on both ends of the Bottom Track. This is critical: a very common place for leaks.

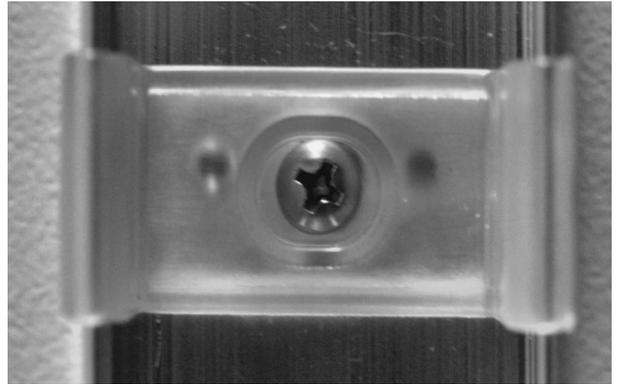


Step 13: Place one Side Jamb between the Bottom Track and the Wall into the wet Silicone. Find the center slot in the center of the side jamb and install a #8x1-1/2" (item#7) screw into the molly. Use caution not to move the Bottom Track. The side Jamb should line up with the pencil marks that you drew. When almost tight, take your level and check that the Side Jamb is plumb. If it is Plumb; then tighten the screw. Repeat Step 13 for the other Side Jamb.

Step 14: Check your Unit DEPTH measurements from the Wall to the Side Jamb making sure the unit is Parallel to the Wall. If it is continue to Step 15. If not check the placement of the Bottom Track, is it within the lines you drew? If not loosen the screws to the Side Jamb and move the bottom Track to its proper position. Re-tape the Bottom track to the tub. Take your level and check that the Side Jamb is plumb. If they are Plumb; then tighten the screws.

Step 15: Locate the Bumpers (Item #4) and the #8x1-1/2 Screws (Item #7).

Go to the Side Jamb closest to the Shower Head and install the Center Bumper First.



Step 16: Check the Side Jamb with the Level again and make sure it is still plumb.

If it is; install the upper and lower bumpers.

Recheck with Level again making sure the Side Jamb is still Plumb.



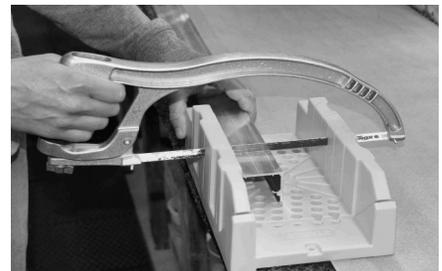
Step 17: Go to the other Side Jamb and Install the 3 bumpers as in Steps 15 and 16

Step 18: Accurately measure across the top on the 2 Side Jamb to determine the Header Length (item #1 on page 3)

Record the length, re-measure and compare to the first number, if accurate go to Step 19. (measure twice and cut once)



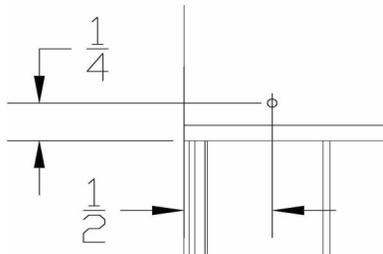
Step 19: Locate the Header and accurately mark the Header where you are about to cut. Place the Header in the miter box and line up the mark on the header against the straight slot, using a Hack Saw cut the header to length.



Step 20: Mount the header on the top of the 2 Side Jamb as shown.



Step 21: On the inside face of the Header, Drill (1) 1/8" hole to the dimensions shown to secure the header to the Side Jambs. One hole on each end of the header. Use a Hand Screw Driver to install the #8x1/2" screw

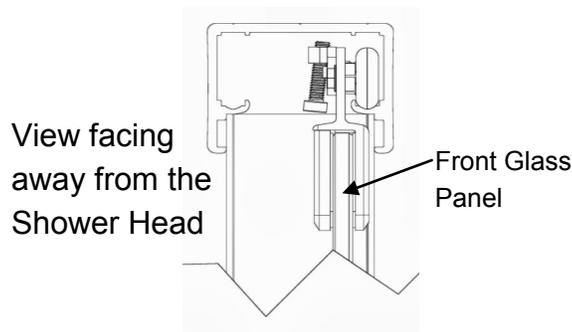


Step 22: Place a heavy towel or a mat in the tub. Make sure the blue glass protectors are taped in place. Take one of the sliding doors and place it in the tub with the rollers facing the tub wall. Make sure the panel will not slide or move when you exit the tub.

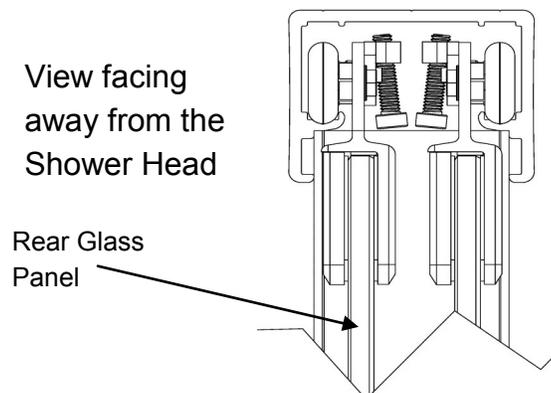


Step 23: Take the other glass panel and rotate it so the rollers are facing away from the tub. Place the glass panel in the Tub and lift it up so the rollers make contact with the outside groove in the header. Make sure that both roller assemblies are in the Header groove. Roll the panel back and forth they should roll smoothly.

Step 24: The outer glass panel should be located on the opposite Side Jamb of the Shower Head. Make sure you have good contact with the 3 bumpers. If they do not all make good contact with the glass, then remove the outer panel from the header and adjust the rollers to make good contact. **MAKE SURE THAT THE ROLLER SCREWS ARE TIGHT.** Reinstall the panel as in Step 23



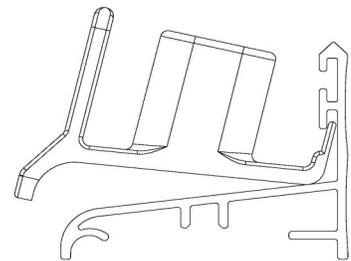
Step 25: Get into the tub and take the other glass panel and place the roller assemblies into the rear groove on the header. Make sure that both roller assemblies are in the Header groove. Roll the panel back and forth and they should roll smoothly.



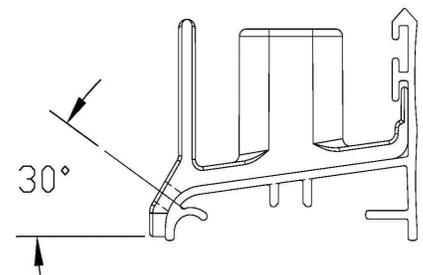
Step 26: The Inside Glass panel should be located by the Shower Head. Make sure you have good contact with the 3 bumpers. If not, remove the panel from the header and adjust the rollers to make good contact. MAKE SURE THAT THE ROLLER SCREWS ARE TIGHT Reinstall the panel as in Step 25

Step 27: Carefully move the 2 glass panels to one side of the unit. You will need the Electric or Battery Drill with a # 37 Drill Bit Installed, Center Guide (item # 11) and the 2 #6x3/8L Self-Tapping Screws (item #10), Pencil, Center Punch, Hammer and Tape Measure. You will be working in the Tub for the Next Step.

Step 28: Take the Center Guide and orient it in your hand with the Curved Front facing you. Take the guide and place the lip into the Groove in the bottom track as shown. When in the groove, press downward on to the Bottom Track



Step 29: Slide the Center Guide to either the Right or Left of the center of the Bottom Track. Measure and confirm that the Center Guide is in the middle. Mark the hole location with the Pencil. Move the Center Guide away from the marked locations. Using the Center Punch mark the hole centers at about a 30° angle. Use Caution not to move the bottom



Step 30: Drill the 2 holes as marked, do not use a lot of pressure on the drill. If you need to check the location, use the Center Guide for the location and angle.

Step 31: Locate the Center Guide over the 2 drilled holes. Using a Hand Screw Driver install the 2 #6x3/8 screws. Do not Over Tighten. Move the Glass panels back and forth, they should roll smoothly.



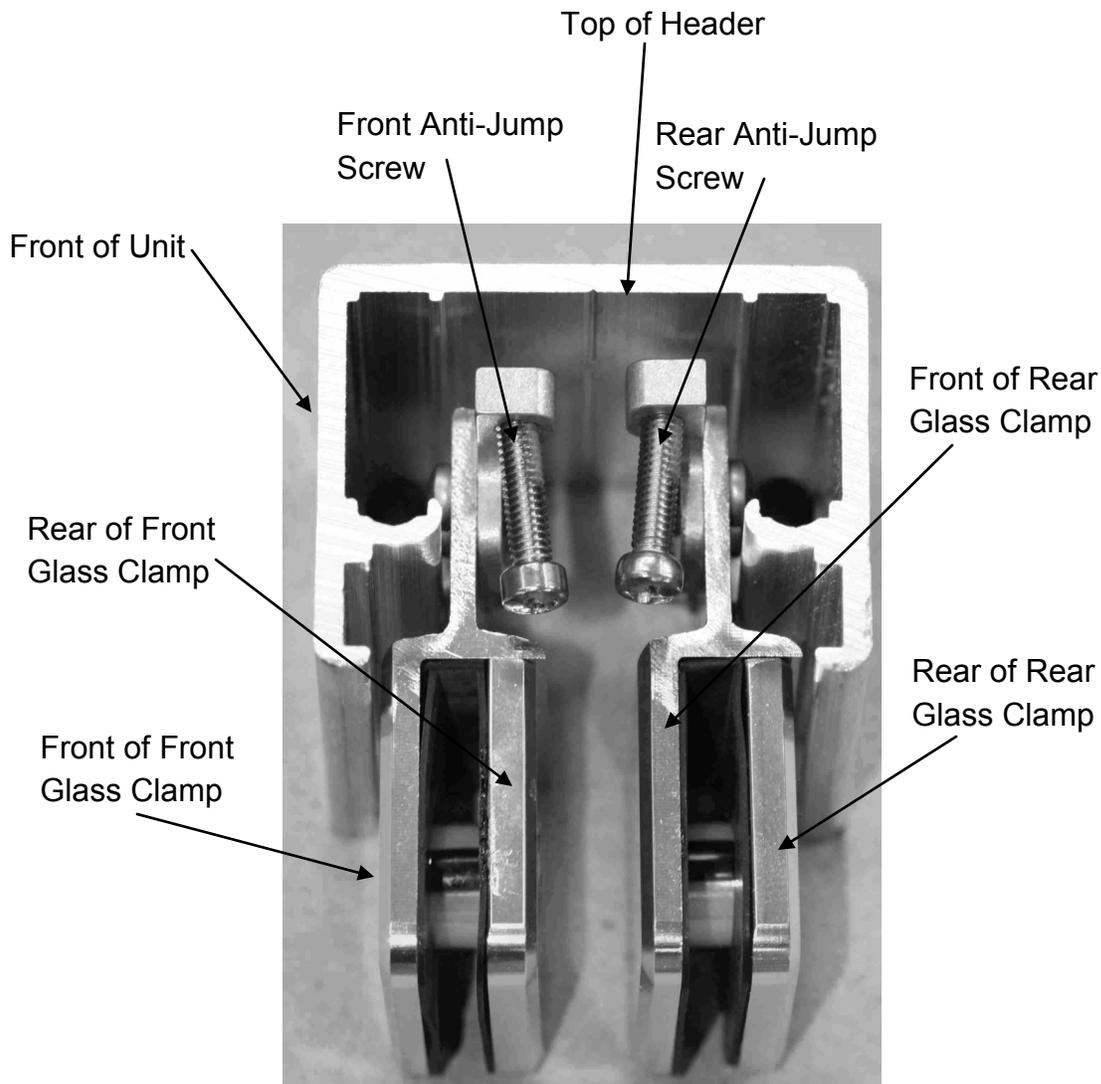
Step 32: Adjusting the Anti-Jump Screws: EASCO Bi-Pass Shower Doors are equipped with an Anti-Jump Feature. When properly adjusted the Anti-Jump Screw will not allow the roller to jump from its track. Once the doors are aligned and the center-guide is installed we can set the Anti-Jump Screw.

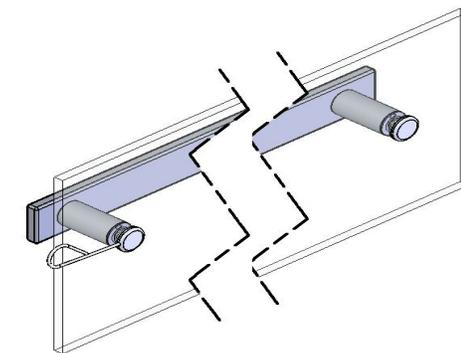
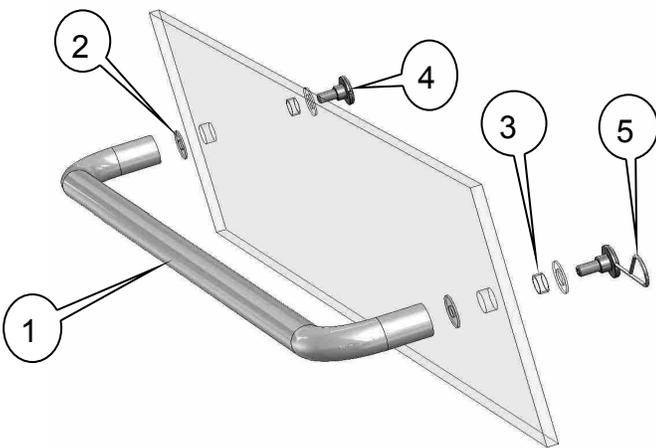
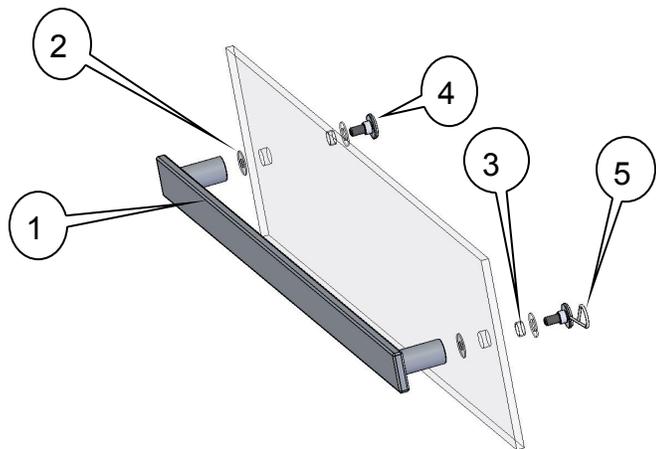
Note: This screw is deliberately tight and hard to turn. **Use a hand #2 Philips Screw Driver**

Turn the Screw Clock-wise as shown below until it reaches the top of the Header. At this point the door will not slide.

Take your screw driver and rotate the screw Counter Clock Wise 1/2 turn. The door should now slide. Only allow enough space between the end of the screw and the top of the header for the glass panels to ride smoothly.

Repeat the same procedure for the other Anti-Jump Screw.





### TOWEL BAR INSTALLATION

- 1) Remove 1 Towel Bar (Item 1) from the box.
- 2) Open the small box that containing items 2,3,4,5
- 3) Take the Retaining Nut (Item 4) and assemble the Flat Washer (Item2) and then the Bushing (Item3). Repeat 3 more times.
- 4) Take the Towel Bar and a Washer and line them up to the HOLE in the glass.
- 5) Take 1 of the assemblies in step 3 and fasten it to the Towel Bar and Washer
- 6) Repeat for the other side of the Towel Bar
- 7) Find the Hole in the Retaining Nut, Take the Key (Item 5) and Inset it into the hole, then Tighten the Retaining Nut
- 8) Repeat for the other Towel Bar Assembly

TOWEL BAR ASSEMBLY PER SIDE		
ITEM	QTY.	DESCRIPTION
1	1	TOWEL BAR
2	4	3/4"φ WASHER
3	2	.4"φ BUSHING
4	2	RETAINING NUT
5	1	KEY

### Traditional Towel Bar Pre-Assembly

Remove the 2 tubes and the 4 Standoffs. Hold a standoff in your hand and the tube in the other. Press the tube into the o-ring with a twist until the tube is fully inserted, about a 1/2". Repeat for the other standoff.

