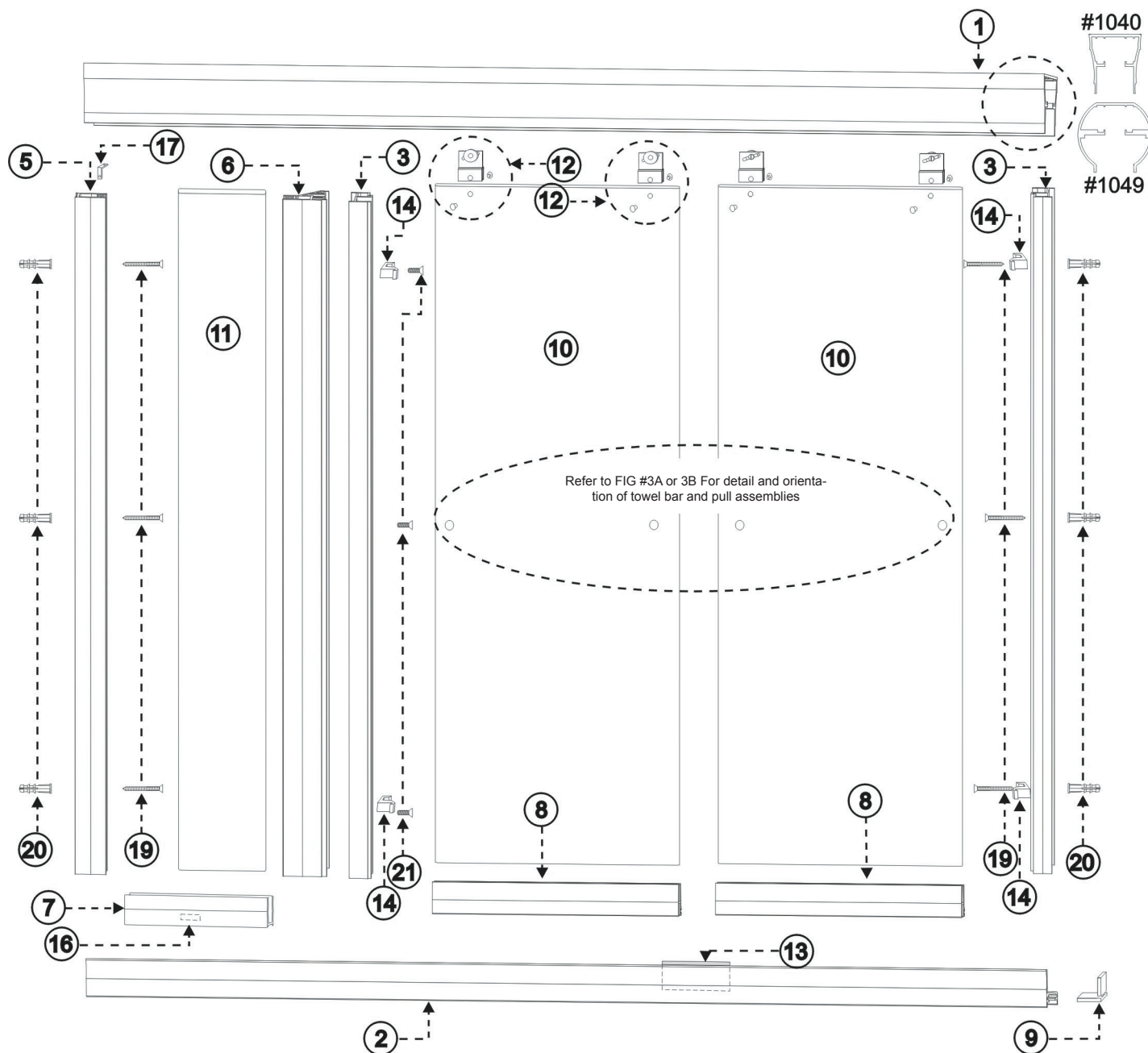


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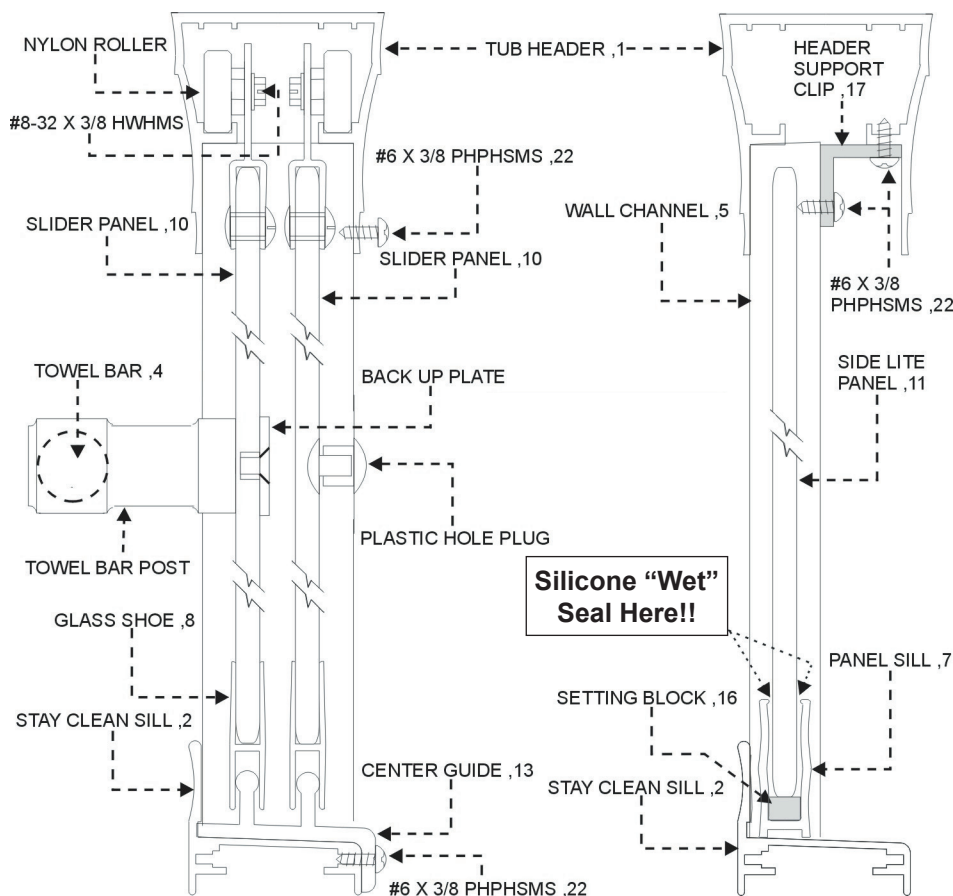
**Figure #1 - ATE-ASE & UTE-USE 180 Shower Door Assembly**



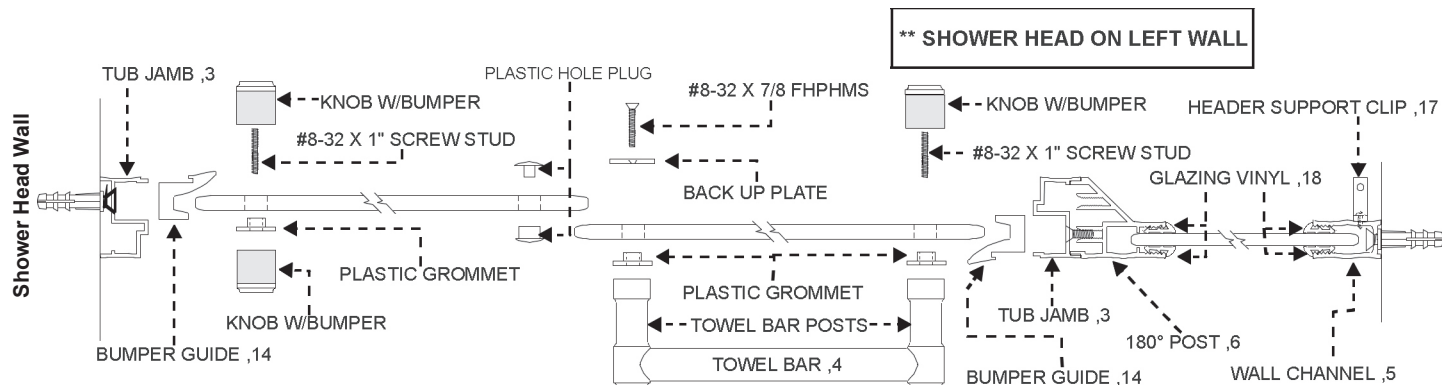
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**Figure # 2 - Shower Door Assembly - Side View**



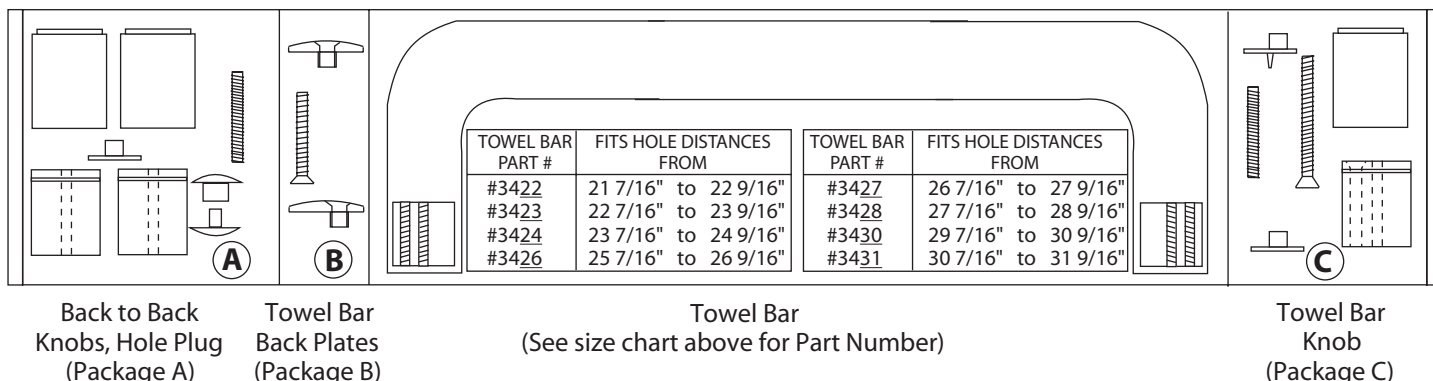
**Figure # 3a - Shower Door Assembly - Top View**



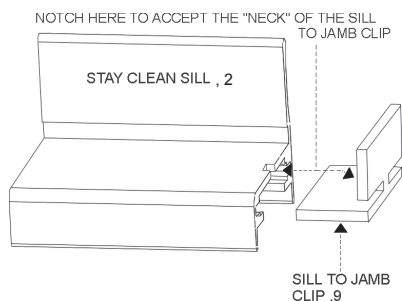
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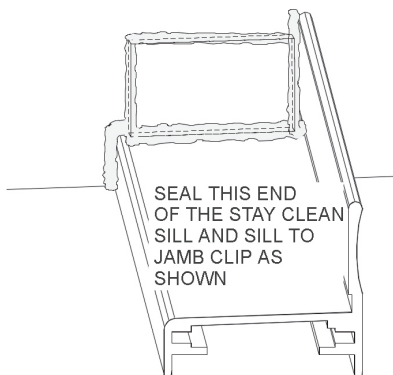
**Figure # 3b - Euro Towel Bar**  
(Instructions in Towel Bar package)



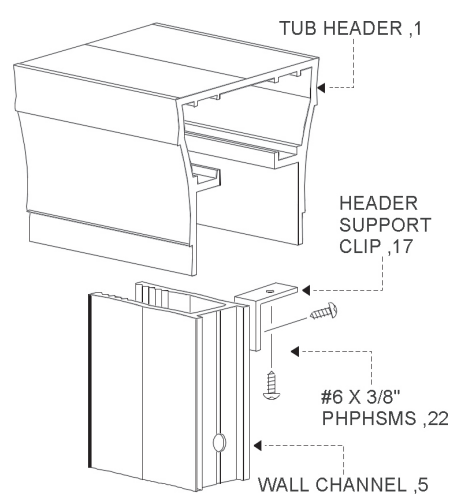
**Figure # 4**



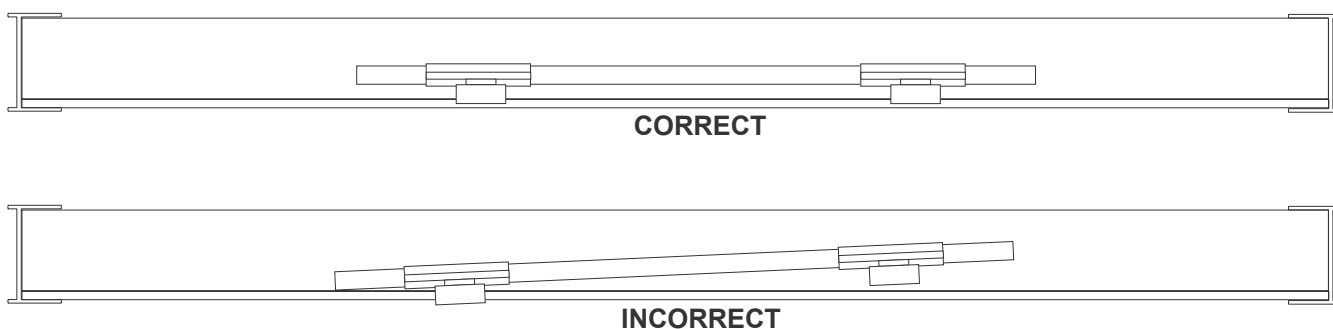
**Figure # 5**



**Figure # 6**



**FIG. #7 - Top View - Looking down at the sill with panel installed in header.**



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## 6148 - ATE-ASE & UTE-USE 180 Parts List

ITEM#	PART#	DESCRIPTION	QTY	ITEM#	PART#	DESCRIPTION	QTY
1	1040/1049	TUB HEADER	1	12	2256	HANGER BRACKET ASSY	4
2	1120	STAY CLEAN SILL	1	13	2205	CENTER GUIDE	1
3	1042	TUB JAMBS	2	14	2208	BUMPER GUIDE	4
4	Fig. 3A or 3B	TOWEL BAR ASSY.	1	15	2215	ADJUSTMENT WRENCH	1
5	1026	WALL CHANNEL	1	16	2203	SETTING BLOCK	1
6	1023	180° POST	1	17	2019	HEADER SUPPORT CLIP	1
7	1016	PANEL SILL	1	18	4013	VS-3 GLAZING VINYL	4
8	1121	GLASS SHOE	2	19	2101	#8 X 1-1/2 FHPHMS	6
9	2008	SILL TO JAMB CLIP	2	20	2217	3/16" WALL ANCHOR	6
10	7002	SLIDING GLASS PANELS	2	21	2106	#8-32 X 1/2 FHPHMS	3
11	7006	SIDE LITE GLASS PANEL	1	22	2102	#6 X 3/8 PHPHMS	5

## 6148 - ATE-ASE & UTE-USE 180 Assembly Instructions



### SAFETY WARNING:

These installation instructions must be followed to ensure proper operation of the door and to reduce the risk of serious injury. Any deviation from these instructions can result in a serious safety hazard.

All exposed ends of aluminum that are rough, sharp or jagged due to the metal being cut, drilled or damaged should be deburred, smoothed or rounded by the installer before installation. Failure to do so could result in serious injury to the user of the enclosure.

Any part of the swinging glass panels hitting any unprotected bathroom obstruction or metal or glass component of the shower door itself, may indicate improper installation and could lead to serious injury. Installers must correct the deficiencies before allowing the door to be used.



### STEP 1: Stay Clean Sill

Measure wall to wall, 1/2" above the tub rim or shower threshold. Subtract 1/16" from this dimension and cut the Stay Clean Sill (Item #2) to this length. NOTE: It may be necessary to file a radius on the ends of the Stay Clean Sill to fit snugly against the wall. Set the sill onto the tub rim or shower threshold. Adjust so that it is even all the way across the opening. With a pencil or water soluble (non permanent) marker, mark the location of the Stay Clean Sill onto the tub rim or threshold at the point where it meets each wall so that it can be repositioned correctly later. Remove the Stay Clean Sill and insert one Sill to Jamb Clip, (Item #9), into the end of the sill, OPPOSITE the end where the Side lite panel will be. Be sure that the clip is oriented as shown in Fig. #4, with the "neck" portion of the clip pointing up. Using the neck of the clip as a template, mark the location of the neck onto the Stay Clean Sill. Use a standard 1/8" thick medium file to make a approximately 1/8' X 1/8" notch in the end of the sill. This will allow the clip to be flushed with the end of the sill. The Sill to Jamb Clip is only required at the shower head wall end of the sill. Measure the width of one of the Sliding Glass panels, (Item #10), and mark this dimension onto the

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**STEP 1: Stay Clean Sill (Continued)**

sill, measuring from the notched end of the sill. Position the Center Guide, (Item #13), on this mark and using the hole in the guide as a template, drill through the hole into the sill with a #32 wire gauge drill bit. NOTE: Do not install the Center Guide at this time. With the Sill to Jamb Clip in place, set the Stay Clean Sill back onto the tub rim or threshold and realign it with the marks made earlier in this step. Use masking tape to temporarily hold the sill in place with proceeding with the installation. Seal the notched end of the sill only, with sealant as shown in Fig. #5.

**STEP 2: Tub Jamb**

Place one of the Tub Jambs, (Item #3), against the wall at the end of the Stay Clean Sill that has the notch and clip. IMPORTANT NOTE: The inside sliding panel, when closed, must be at the shower head wall. Orient the Tub Jamb so that the channel that has the countersunk holes in it, is to the inside of the shower to accept the inside panel. See Fig. #3A for orientation help. Set the Tub Jamb onto the Stay Clean Sill and over the vertical leg of the Sill to Jamb Clip. Use a level to plumb the Tub Jamb, then use the jamb as a template and mark the hole locations onto the wall. Carefully remove the Tub Jamb without disturbing the wet sealant and drill the three holes with a 3/16" drill bit. (Use carbide tipped bit if going into tile or other types of masonry materials). Take care that no debris drops onto the wet sealant. Insert three Wall Anchors, (Item #20) into the holes. Replace the Tub Jamb and align the holes and secure with three #8 X 1-1/2 FHPHMS, (Item #19), installing a Bumper Guide, (Item #14), with the top and bottom screws. See Fig. #1

**STEP 3: Wall Channel**

Ensure the Stay Clean Sill is still properly aligned and secured with masking tape. Set the Wall Channel, (Item #5), at the wall opposite the Tub Jamb and against the vertical edge of the Stay Clean Sill. See Fig. #3A Use a level to plumb the Wall Channel. Using the factory holes in the Wall Channel as a template, mark the holes onto the wall. Remove the channel and drill the holes with a 3/16" drill bit. (Use carbide tipped bit if going into tile or other types of masonry materials). Insert three Wall Anchors, (Item #20). Seal the end of the Stay Clean Sill with sealant then replace the Wall Channel, aligning the holes and secure with three #8 X 1-1/2 FHPHMS, (Item #19). Position the Header Support Clip, (Item #17), on the shower side, flush with the top of the Wall Channel, and an 1/8" off the wall. See Fig. # 3 & 6. Use the clip as a template and mark the hole onto the Wall Channel. Drill the hole with a #32 wire gauge drill bit. Secure the clip with one #6 X 3/8 PHPHMS, (Item #22).

**STEP 4: Side Lite Panel**

Take the second Tub Jamb, (Item #3), and orient it so that the channel that has the three countersunk holes in it is positioned to the outside of the shower. Attach the Tub Jamb to the 180° post by flushing both ends then secure them with three #8-32 X 1/2 FHPHMS, (Item #21), installing a Bumper Guide, (Item #14), with the top and bottom screws. See Fig. #1. CAUTION: Do not over tighten the screws. Measure the width of the Side Lite Panel and add 1" to the measurement. Cut the Panel Sill, (Item #7), to this dimension. Insert the Setting Block, (Item #16) into the Panel Sill. Set the Panel Sill in place on the Stay Clean Sill and slide it into the Wall Channel. Set the Side Lite Panel into the Panel sill and slide the glass into the Wall Channel. Use masking tape to temporarily keep the Panel sill from sliding off the Stay Clean Sill. Hold the glass panel in place by glazing the top of the panel with a few inches of VS-3 Glazing vinyl, (Item #18). NOTE: Do not cut the vinyl at this time.

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**STEP 5: Tub Header**

Measure wall to wall at the top of the vertical posts, then subtract 1/16" and cut the Tub Header, (Item #1), to this length. Set the header in place over the top of the Tub Jamb and Wall Channel with the Header Support Clip. Be sure the roller channels of the header are resting firmly on the verticals. Set the Tub Jamb, 180° Post combination into the header and over the edge of the Side Lite Panel and Panel Sill. Use a level to plumb the post then secure at top and bottom with two #6 X 3/8 PHPHSMS, (Item # 22). Attach the header to the wall Tub Jamb from the inside of the shower by drilling through the header, into the Tub Jamb with a #32 wire gauge drill bit. Secure with one #6 X 3/8 PHPHSMS, (Item #22). Repeat this procedure for the Wall Channel and Header Support Clip, except that you will drill up from the bottom, through the clip, into the roller channels of the header. After attachment is complete, center the Side Lite Panel between the posts and glaze with four pieces of VS-3 glazing vinyl, (Item #18) for the verticals and "wet" seal the bottom horizontal Panel Sill with sealant. See Fig. #2. NOTE: The vinyl seals are designed to be tight to provide maximum water protection and minimize shrinkage due to temperature extremes. If it becomes difficult to push the vinyl in place, lubricate it with glass cleaner. This will allow easy installation then will evaporate leaving the vinyl tight and smooth. Do not use any type of grease, oils, or silicone sprays as these will harm the vinyl and will stay in place long after the installation is complete compromising safety as well as water protection.

**STEP 6: Sliding Panels**

Carefully set the inside panel into the shower area on a protective pad, ensuring that it can not fall. From the outside of the shower hang the outside Sliding Glass Panel in place in the header. Be sure that the roller are securely in the roller channel of the header. From the inside of the shower, hang the inside Sliding Glass Panel in place making sure that the rollers are securely in the roller channel of the header. With both panels in place, slide both panels to one side. Slide the Center Guide, (Item #13), into each Shoe assembly and align it with the hole drilled in Step 1. Secure with one #6 X 3/8 PHPHSMS, (Item #22). See Fig. #2.

**STEP 7: Towel Bar and Pulls**

**Accent Towel Bar Fig. #3A**

On the outside Sliding Glass Panel, measure center to center between the towel bar holes. Cut the Towel Bar, (Item #4) to this length. For the pull assemblies, slide the glass panels to their proper close position. You will notice the two center holes are inaccessible because of the overlap in the panels. Slide each glass panel to the opposite wall. Now the holes are at the outside edges. Begin installation by inserting the male and female clear plastic hole plugs on the outside hole of the inside panel. Place one hole grommet followed by the backup plate and one #8-32 X 7/8 FHPHMS into the outside hole of the outside panel. Thread screw into one towel bar post on outside of glass panel. Slide both glass panels back to their proper closed position and refer to Fig. #3A for the rest of the installation. WARNING: This shower door must not be installed without the hole grommets. The grommets prevent the glass from touching the metal screw. If the screw touches the glass, the glass can break and create a serious safety hazard. If it is necessary to allow the glass panels to totally bypass each other, contact your Agalite Representative and ask for Part # 3013 in the appropriate color.

**Euro Towel Bar Fig. #3B**

Please refer to installation instructions in the Towel Bar package.



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**STEP 8: Sliding Panel Adjustment**

If either panel is skewed, or rubs against the sill, adjust the panels by loosening the hex nut on any of the Hanger Brackets with the Adjustment Wrench, (Item #15), provided in the parts kit, and compensate the panels for the wall conditions. NOTE: The panels do not need to be removed from the header to adjust.

**STEP 9: Sealant**

Apply a bead of sealant along the entire inside of the enclosure where it meets the wall and base.