

**Installation Instructions for the
Accent/Euro Collection 2/3 NEO Angle Swing Door.
Model: ASD/USD-2/3 NEO Angle
Drawing Number: 6146 Rev. Date: 01-08-07**



Figure #1 - ASD/USD 2/3 NEO Angle Shower Door Assembly

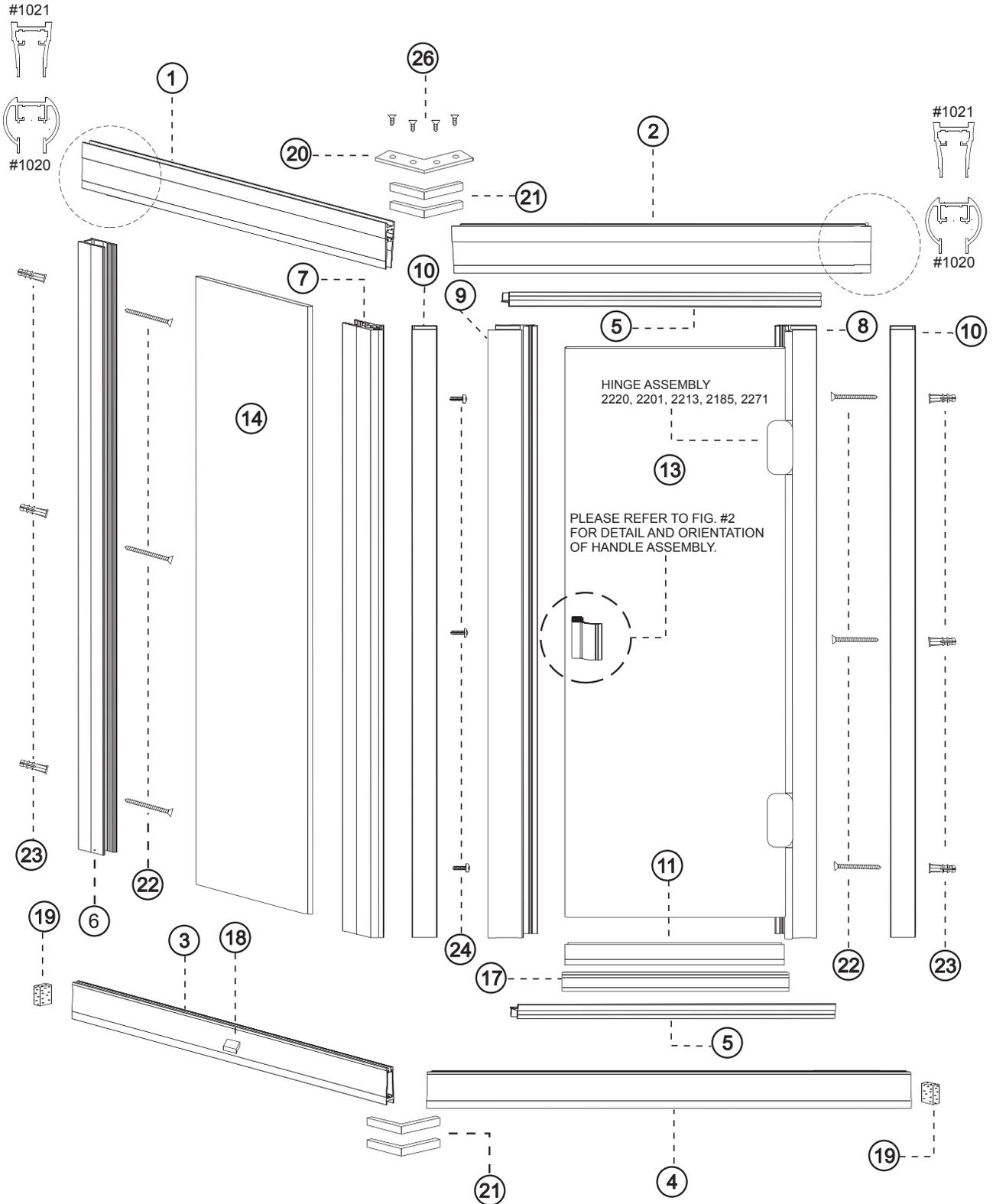


Figure # 2 - Shower Door Assembly - Side View

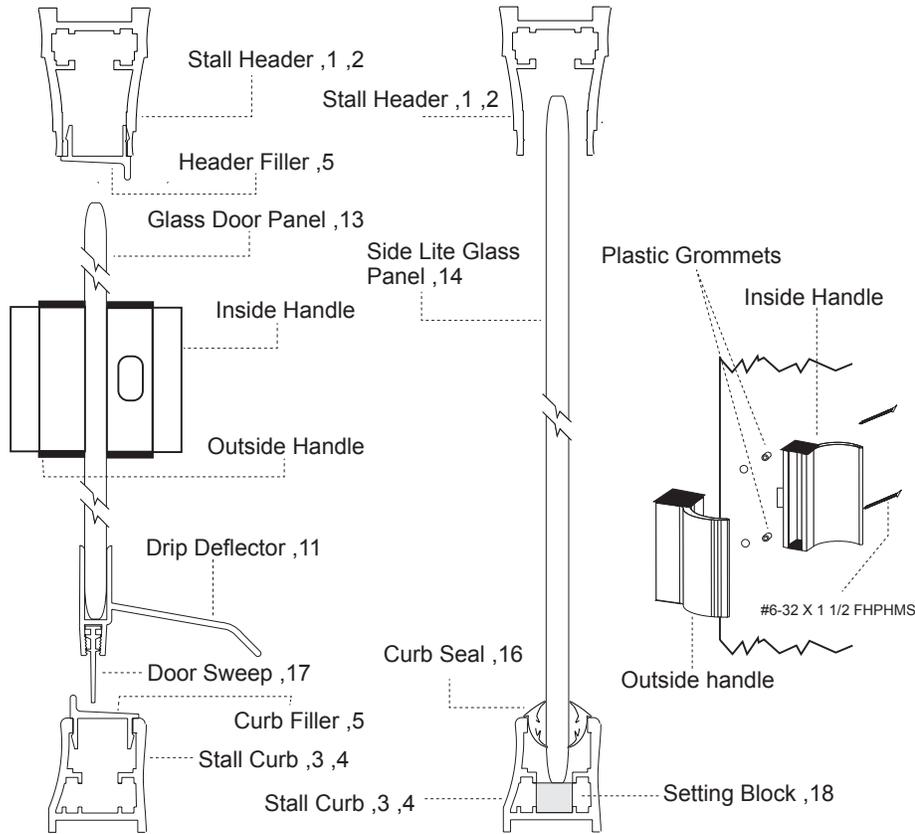
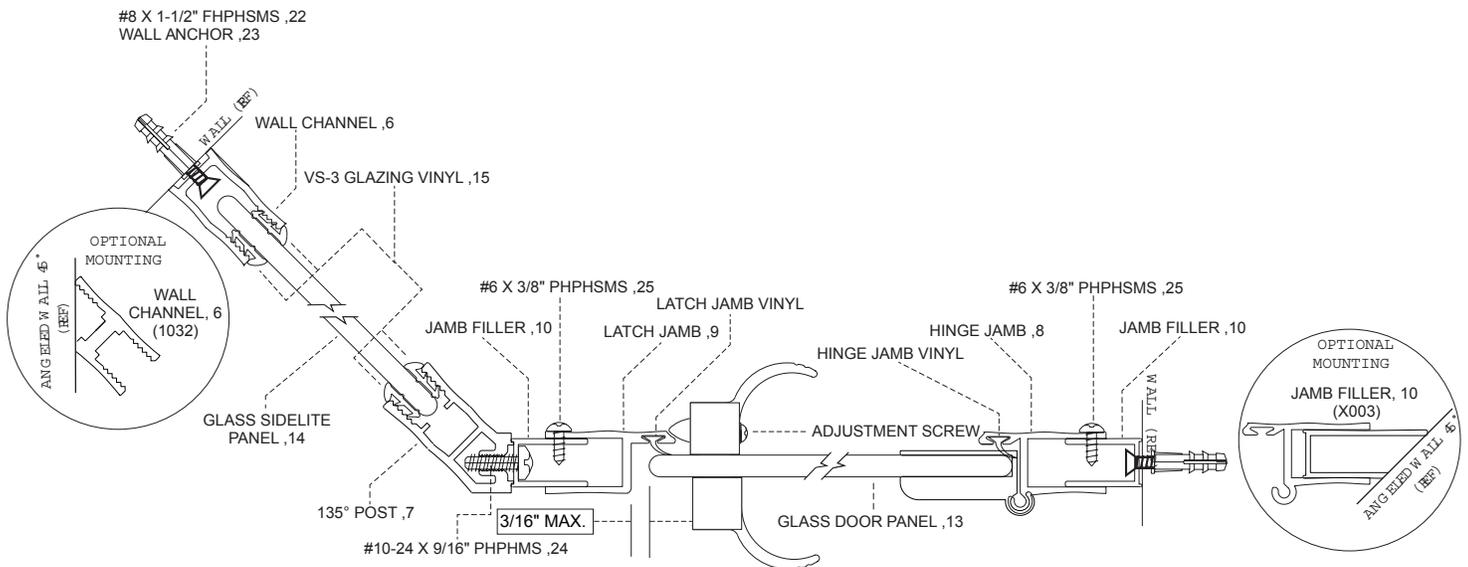


Figure # 3 - Shower Door Assembly - Top View



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Fig. #4 - Stall Curb Filler

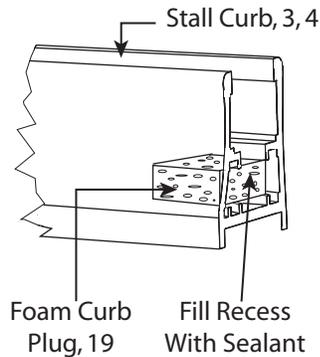


Fig. #5 - Notching

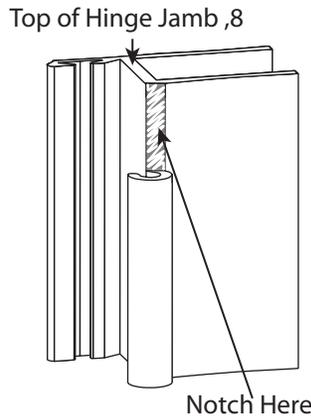


Fig. #6 Jamb Filler

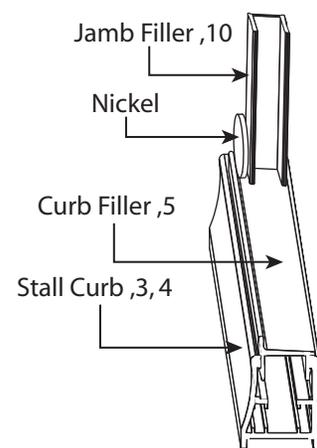
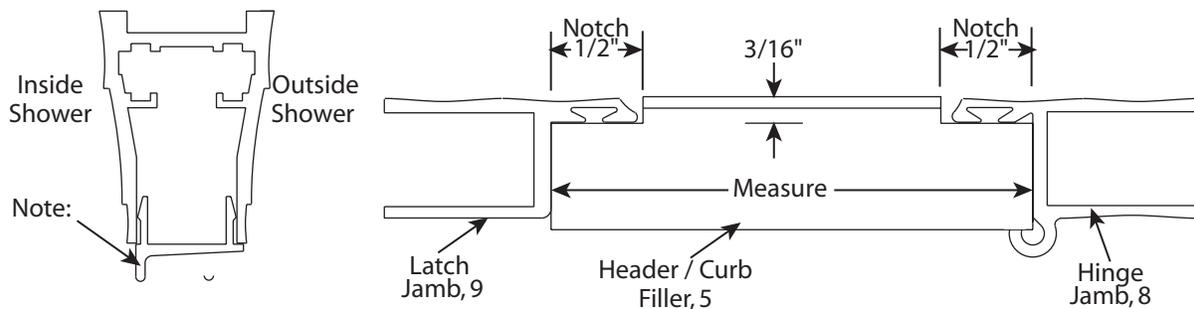


Fig. #7 Header Filler #1025 Measurements



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ITEM #	PART #	DESCRIPTION	QTY	ITEM #	PART #	DESCRIPTION	QTY
1	1021 / 1020	Stall Header Left Sec.	1	11	1009	Drip Deflector	1
2	1021 / 1020	Stall Header Right Sec.	1	12	3004	Handle Assy. (Fig.#2)	1
3	1022	Stall Curb Left Sec.	1	13	7004	Door Glass Panel	1
4	1022	Stall Curb Right Sec.	1	14	7006	Sidelite Glass Panel	1
5	1025	Header / Curb Filler	2	15	4013	VS-3 Vert. Glazing Vinyl	4
6	1026 / 1032	Wall Channel	1	16	4011	VS-1 Curb Seal	1
7	1029	135° Post	1	17	4018	VW-2 Door Sweep	1
8	1002	Hinge Jamb	1	18	2203	Setting Block	1
	2220	Hinge	2	19	2204	Foam Curb Plug	2
	2201	Hinge Pin	2	20	2018	135° Stall Header Plate	1
	2213	Hinge Bushing	4	21	2017	135° Stall Header / Curb Clips	4
	4015	VS-5 Hinge Jamb Vinyl	1	22	2101	#8 X 1-1/2 FHPHMS	6
	2185	#8-32 X 7/16 Truss Hd.	2	23	2217	3/16" Wall Anchor	6
	2271	3/16" Plastic Grommet	2	24	2111	#10-24 X 9/16 PHPHMS	3
9	1001	Latch Jamb	1	25	2101	#6 X 3/8 PHPHMS	6
	4015	VS-5 Latch Jamb Vinyl	1	26	2103	#6 X 3/8 FHPHMS	4
10	1003	Jamb Filler	2	27	2107	#8 X 1/2 PHPHTEK	6

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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 de-burred, 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.



SPECIAL NOTE:

Drilling holes and anchoring horizontal sills and curbs to thresholds and tub decks is discouraged and is left to your discretion. Using masking tape or double-sided tapes to hold these components down during installation is recommended to minimize the potential for water leaking underneath flooring and onto ceilings below. These instructions do not recommend drilling holes on horizontal surfaces for this reason. Deviating from recommended installation instructions voids the Agalite Lifetime Warranty.

STEP 1 - STALL CURB:

On the shower base, mark the centerline of the unit. Measure each centerline distance. Add 3/16" to each measurement and transfer to the appropriate Curb Sections, ITEM #3, 4. NOTE: All dimensions on the curb and header are measured from the tip, (farthest point) of the 22 1/2° miter. Select the Curb that is mitered in the direction for the side that you are measuring. Be sure that the weep holes are oriented to the inside of the shower. NOTE: Your Curb Sections may already be cut to size from the factory. Cut only the curb sections to their installed lengths. Cut the ends opposite the miter to achieve the finished length. Insert one Curb Plug ITEM #19 into the straight cut end of each stall curb and recess approximately 1/8". See FIG #4. Fill each recess with sealant. Take two 135° Curb Clips ITEM #21 and assemble the right and left curb sections. See FIG #1. Reposition curb sections over centerline of the shower and temporarily secure in place with masking tape. Insert one Setting Block ITEM #18 into the curb where the Side Lite Panel will set. See FIG #1. With a screwdriver or other appropriate tool, press each of the Curb Plugs with the sealant into each wall sealing the curb ends. Seal the mitered corner so that any water that enters the curb cannot leak out.

STEP 2 - WALL CHANNEL:

Center the wall Channel ITEM #6 on the Side Lite Panel end of the Stall Curb with the open edge of the channel facing away from the wall. See FIG #3. Plumb the Wall Channel. Using the Wall Channel's factory holes as a template, mark the three installation holes onto the wall. Remove the Wall channel and drill holes into the wall with a 3/16" drill bit. (Use carbide tipped bit if going into tile or other types of masonry materials.) Insert one Wall Anchor ITEM #23 into each hole. Reposition the Wall Channel, align the holes, and secure with three #8 X 1-1/2 FHPHMS ITEM #22.

STEP 3 - SIDE LITE PANEL:

Insert the return Side Lite Panel ITEM #14 into the Curb and slide into the Wall Channel. NOTE: If obscure, frosted or pebbled glass is used, ensure that the rough side of the panel faces to the outside. Set the 135° Post into the Curb and over the edge of the glass panel. With a level, plumb the 135° Post and temporarily hold the post in place with a few inches of the VS-3 Glazing Vinyl ITEM #15. NOTE: Do not cut the glazing vinyl at this time.

STEP 4 - CURB FILLER:

Measure between the 135° Post and the wall and cut the Curb filler ITEM #5 to this length. With the vertical water dam to the outside of the shower, firmly snap it into the curb between the 135° Post and the wall. Refer to FIG #2 for proper orientation. The door assembly will be installed on top of the Curb Filler.

STEP 5 - STALL HEADER:

Using a level, plumb the 135° Post in both directions. With the post plumb, measure from the outside corner of the post to the wall. Add 1/8" to this dimension if you are using the #1021 Stall Header, or add 5/16" to this dimension if you are using the #1020 Stall Header. Mark this dimension onto the Stall header that is mitered for the side you have measured. NOTE: All dimensions on the header and curb sections are measured from the tip (the farthest point) of the 22 1/2° miter.

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STEP 5 - STALL HEADER Cont:

Cut the header to length by cutting the end opposite the miter to achieve the finished length. Repeat this procedure for the second header section. Assemble the right and left header sections with two 135° Header Clips ITEM #21 and the 135° Header Plate ITEM #20. Secure by setting the plate on top of the header at the miter and drill through the four factory holes with a #32 wire gauge drill bit. Use four #6 X 3/8 FHPHMS ITEM #26 to secure the plate. See FIG #1. Set header in place over the vertical posts. Secure the header assembly to the vertical post from the inside of the shower by drilling through the header into each vertical post with a # 32 wire gauge drill bit.

NOTE: Be careful not to drill or screw into the glass panel. The panel can be moved side to side while drilling. Start with the Wall Channel then the 135° Post. Secure the headers with two #6 X 3/8 PHPHMS ITEM #25. The bottom of the 135° Post is anchored by drilling through the stall Curb into the post with a #32 wire gauge drill bit and securing with one #6 X 3/8 PHPHMS, ITEM #25. Center the Side Lite Panel between the posts and glaze the vertical with 4 pieces of VS-3 glazing vinyl ITEM #15 and two pieces of VS-1 Curb Seal ITEM # 16. 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. Do not use grease, oils, or silicone sprays as these will harm the vinyl and compromise safety and water protection. Install one Jamb Filler ITEM #10 to the 135° Post by positioning the closed edge of the Jamb Filler to the 135° Post with the bottom of the filler resting on top of the Curb Filler. Refer to FIG #6 for technique to ensure proper spacing of Jamb Filler on the Curb Filler. Secure the filler to the post with three #10-24 X 9/16 PHPHMS ITEM #24. Refer to FIG #3. CAUTION: Do not over tighten the screws.

STEP 6 - DRIP DEFLECTOR:

Slide the Door Sweep ITEM #17 into the bottom of the Drip Deflector as shown in FIG #2. Glass cleaner will help if the sweep is difficult to pull through. The vinyl sweep has a memory when it is stretched, so be sure to work the sweep back and forth after it is drawn into the deflector. Trim the vinyl leaving ¼" protruding from each end. Set the door assembly upside down on a cushion or pad. Set the Drip Deflector ITEM #11 over the bottom edge of the door with the deflector portion to the inside of the shower. With a mallet or block of wood, gently tap the deflector over the edge of the door panel as far as it will go. In most cases, the glass thickness is enough to hold the Drip Deflector in place. In some circumstances, the corners of the deflector may be "pinched" to hold the deflector in place, or simply inject a small amount of sealant into the channel where the glass will fit to maximize the holding power of the deflector. NOTE: Only a small amount of sealant is necessary. Too much caulk will be squeezed out during adjustment. Make sure that the deflector does not protrude past the edge of the glass on the handle side.

STEP 7 - DOOR ASSEMBLY:

Measure from the top horizontal surface of the Curb Fill (the surface that the Jamb fillers are setting on) to the bottom of the header assembly. Transfer this dimension to the Hinge Jamb ITEM #8 measuring from the bottom and making your mark at the top of the Hinge Jamb. Insert a hacksaw into the notch that is at the top of the Hinge Jamb and continue the notch down to the mark you made, then notch off. This procedure can be performed while the Hinge Jamb is attached to the glass panel. See FIG #5. NOTE ON DOOR ADJUSTMENT: Adjustment should be made by adjusting the Hinge Jamb first, then the Latch Jamb, equally off both Jamb fillers. Slide the door assembly over the appropriate Jamb Filler and move it to the determined dimension off the 135° Post or wall. Use a small level along the top horizontal edge of the glass to level the door. From the inside of the shower, screw through the top factory hole into the Jamb filler with one #8 X ½ PHPHTEK ITEM #27. The door will hold in place with only the top screw installed. Re-level the door and screw through the middle and bottom factory holes with two #8 X ½ PHPHTEK ITEM #27.

STEP 8 - LATCH JAMB:

Slide the Latch Jamb in place over the opposite Jamb Filler and up into the header. Do not secure the Latch Jamb at this time. Move the door to the closed position, pulling the Latch Jamb off its filler enough so that it stops the door. With the door closed, the distance between the vertical glass edge of the door and the Latch Jamb is a maximum of 3/16" for the handle catch to work properly. An 1/8" is ideal. Be sure the reveal is the same the full length. See FIG #3 for adjustment detail. From the inside of the shower, screw through the factory holes in the Latch Jamb into the Jamb Filler with three #8 X ½ PHPHTEK ITEM #27.

STEP 9 - HANDLE ASSEMBLY:

Insert two #6-32 X 1-1/2 FHPHMS into the two screw holes on the inside handle half, (the one with the bullet catch and adjustment screw.) Slide one plastic grommet over the threaded portion of the screws. WARNING: This shower door should not be installed without grommets. The grommets prevent the glass from touching the metal screw. If the metal touches the glass, the glass can break and create a serious safety hazard.

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STEP 9 - HANDLE ASSEMBLY Cont:

With the door open, from the inside of the door, insert this handle half, with screws and grommets through the corresponding holes in the glass panel. Holding the assembly in place, set the outside handle half in place over the protruding screws and tighten until snug. Adjust the catch mechanism as necessary by turning the Phillips head screw on the inside handle half. Adjust the Drip Deflector by closing the door and from the outside of the shower, tap the deflector down with a block of wood until the door sweep is approximately 1/16" above the Curb Filler horizontal surface. The deflector does not need to be tilted to function.

STEP 10 - HEADER FILLER:

Measure between the Hinge Jamb and Latch Jamb at the header, then cut the Header Filler, ITEM #7, to this dimension. Notch both ends to fit. Refere to FIGURE #7.

STEP 11 - SEALANT:

Seal each end of the Drip Deflector with sealant, then run a bead of sealant the full length on the inside of the shower where each channel meets the wall and across the bottom where the metal curb meets the shower base. Seal each end of the Curb Filler ITEM #5

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