

Installation Instructions for the ASD Swing Door.

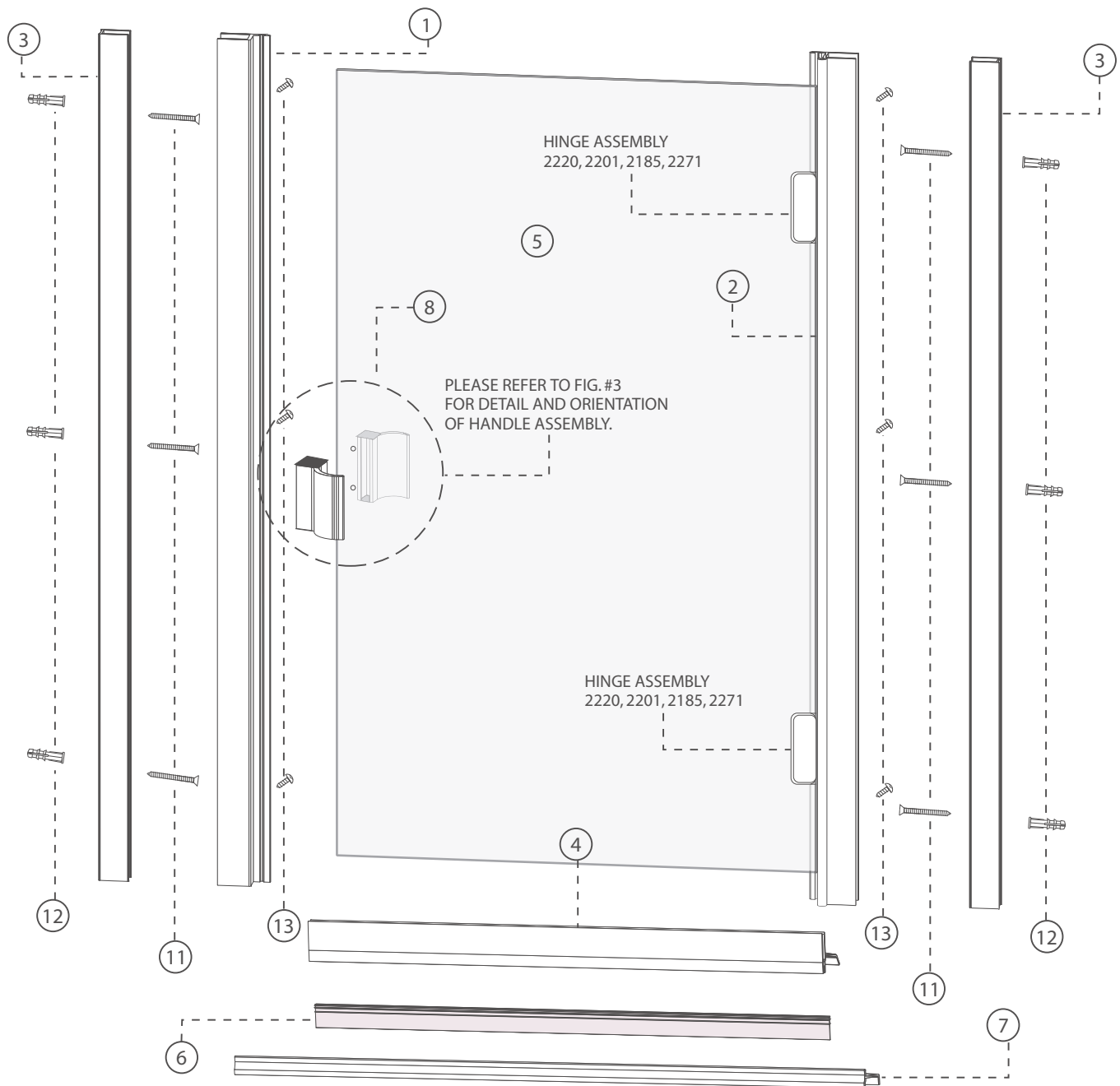
Model: ASD

Drawing #: 6140

Rev. Date: 03-09-06



FIG. #1 - ASD Shower Door Assembly



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FIG. #2 - Jamb Filler

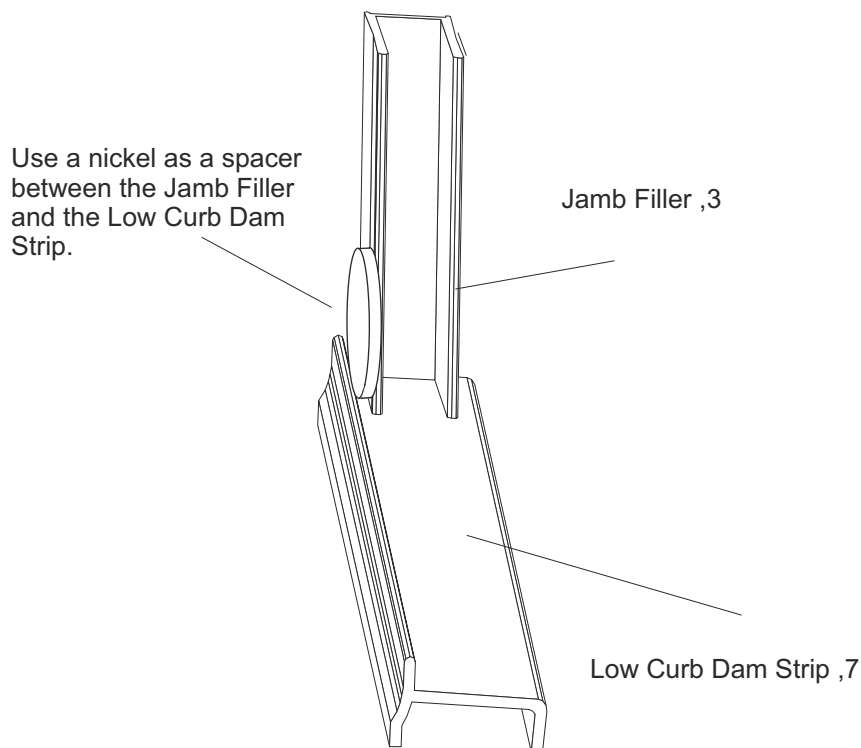
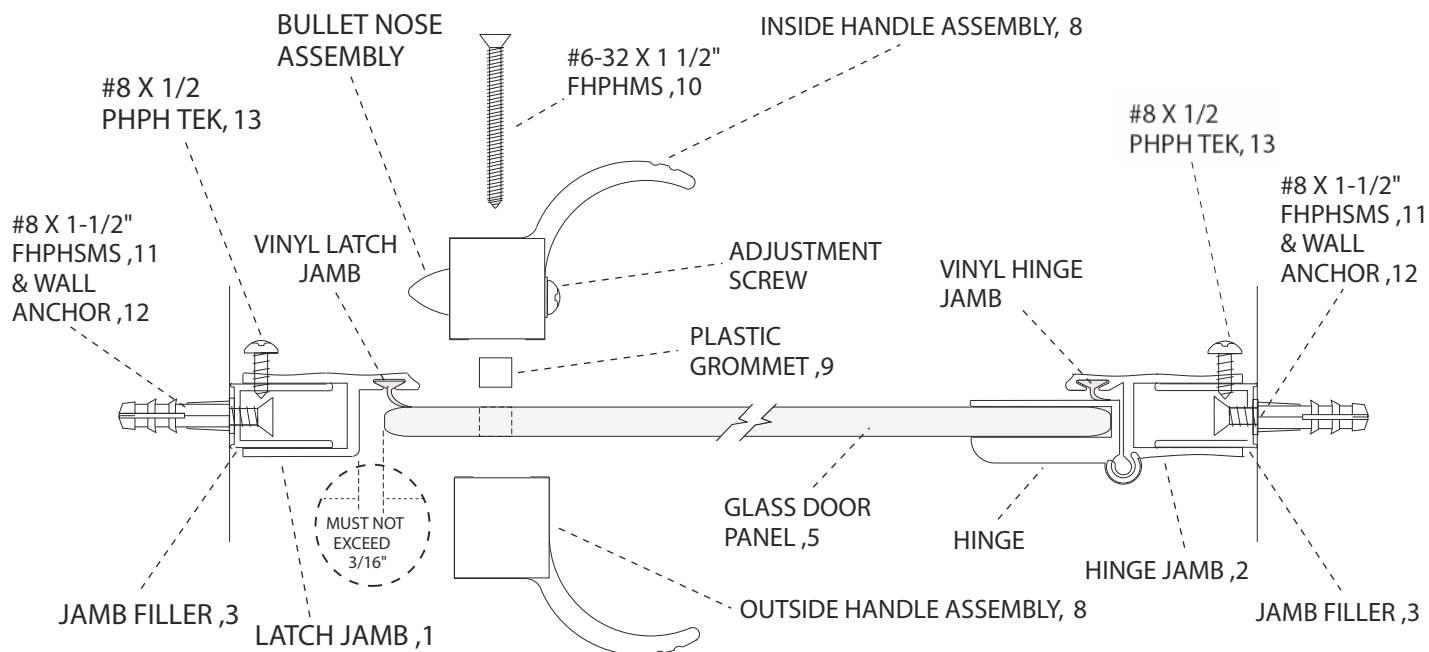


FIG. #3 - Shower Door Assembly - Top View



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FIG. #4 - ASD Handle Assembly

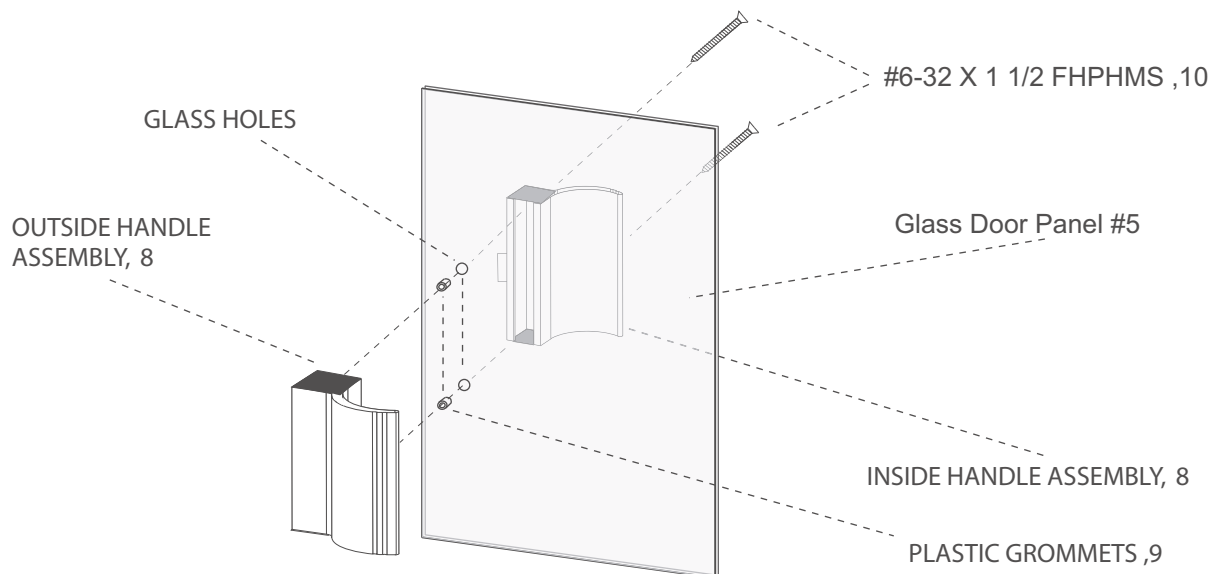
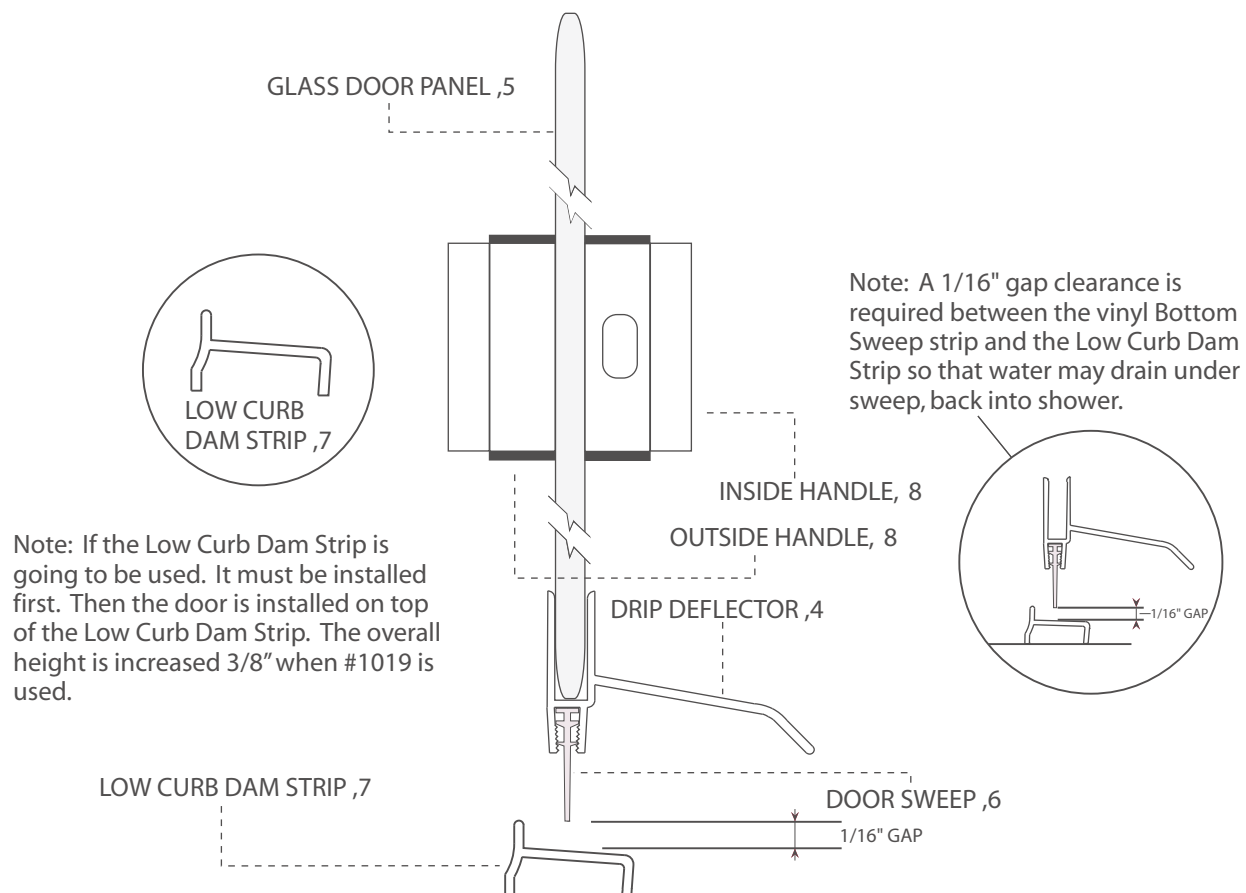


Fig. #5 - Bottom Sweep Gap Clearance



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6140 - ASD Parts List

Item	Part#	Description	Qty.	Item	Part#	Description	Qty.
1 Latch Jamb Assembly	1001	Latch Jamb	1	4	1009	Drip Deflector	1
	4015	VS-5 Latch Vinyl	1	5	7004	Glass Door Panel	1
2 Hinge Jamb Assembly	1002	Hinge Jamb	1	6	4018	VW-2 Bottom Sweep	1
	4015	VS-5 Hinge Vinyl	1	7	1019	Low Curb Dam Strip	1
	2220	Hinge	2	8	Fig. 3	Handle Halves	1
	2201	Hinge Pin	2	9	2227	Hole Grommets	2
	2185	#8-32 X 7/16 Truss Head	2	10	2115	#6-32 X 1-1/2 FHPHMS	2
	2271	3/16 Grommet	2	11	2101	#8 X 1-1/2 FHPHMS	6
	2213	Hinge Bushings	4	12	2217	3/16 Wall Anchors	6
3	1003	Jamb Filler	2	13	2110	#8 X 1/2 PHPH TEK	6

6140 - ASD Assembly Instructions



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 door 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:

The Model ASD shower door can be installed as either a hinge left swing or a hinge right swing door at the factory. The Jamb Fillers (Item #3), the Hinge Jamb (Item #2), and the Latch Jamb (Item #1), are cut approximately 1" too long. A flush-at-top appearance will give the door a much more finished look. If you do not desire the flush-at-top, all metal can be installed at the factory cut lengths. Leaving the material uncut will not hamper the function of the door. These instructions assume that the above extrusions will be cut flush with the top of the Door Glass Panel.

STEP 1 - LOW CURB DAM STRIP:

Evaluate your threshold. There should be an inward slope to allow any water that accumulates on the threshold to run back into the shower. If this slope is not present, please use the optional Low Curb Dam Strip (Item #7) (Fig. #5), included in this product. To install, cut it to the wall to wall dimension minus 1/16" and place it over the centerline of the installation. Use masking tape to temporarily hold the Low Curb in place. Caulk each end for water protection then follow the remainder of these installation instructions to install the door on top of the Low Curb Dam Strip.

STEP 2 - JAMB FILLERS:

Determine the direction your door will swing and, using a hacksaw, cut the Hinge Jamb (Item #2) flush with the top edge of the glass. Cut one of the Jamb Fillers (Item #3) to the same length dimension as the Hinge Jamb. (for a Standard Height ASD door, this would be 66") Set the filler in place on the Low Curb Dam Strip or the shower base at the wall that will hold the Hinge Jamb. If you are using the Low Curb, place a spacer between the filler and the lip of the Dam Strip. See (Fig. #2). This will become very important later in the installation. Plumb the Filler, then, using the factory installation holes as a template, mark the hole locations onto the wall. Drill the three holes using a 3/16" drill bit. (Use a carbide tipped bit and water if going into tile or other types of masonry material). Insert three Wall Anchors (Item #12) into the holes then realign the Jamb Filler with the holes. Secure with three #8 X 1-1/2 FHPHMS, (Item #11). Set the second Jamb Filler in place at the opposite end of the Low Curb Dam Strip or the shower base (remember to use the spacer as before). Plumb the post, then mark only the bottom hole and drill with a 3/16" drill bit. Insert one Wall Anchor, and secure with one #8 X 1-1/2 FHPHMS, (Item #11). Leave the top two holes unsecured to aid in the final adjustment. At this point, one of the Jamb Fillers on the wall will be 1" taller than the other. This is necessary for final adjustment.

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6140 - ASD Assembly Instructions Cont.

STEP 3 - DRIP DEFLECTOR AND SWEEP:

Take the Bottom Sweep (Item #6) and slide it into the bottom of the Drip Deflector as shown in (Fig. #5). 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 #4) 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 deflector in place for the life of the door. In some cases, the corners of the deflector may be "pinched" to hold the deflector in place, or simply inject a small amount of caulk into the channel where the glass will fit to maximize the holding power of the deflector. NOTE: Only a small amount of caulk is necessary, too much caulk will be squeezed out during adjustment. Make sure that the Drip Deflector does not protrude past the edge of the glass on the handle side.

STEP 4 - DOOR ASSEMBLY:

NOTE: The ASD door is designed to adjust outward 1" in width from a tight position. EXAMPLE: An ASD-24 door will fit a net opening of 24" to 25". 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 into place. Use a small level placed along the top horizontal edge of the glass to level the door. From the inside of the shower, secure the top hole with one #8 X ½ PHPHTEK (Item #13). The door will hold in place with only the top screw installed. Re-level the door and secure the middle and bottom holes with two more #8 X ½ PHPHTEK.

STEP 5 - FINAL ADJUSTMENT:

Slide the Latch Jamb (Item #1) in place over the unsecured Jamb Filler. Standing in front of the door, close the door against the latch and filler. Adjust the Latch Jamb (inside to outside), pivoting on the bottom screw, until the glass door seals against the full length of the Latch Jamb at the same time (not hitting the top or bottom first). Mark this location on the wall. While holding the Latch Jamb in position, mark where the top edge of the door panel hits the latch; this is the length you will cut the Latch and Filler to be flush with the tip of the door panel. Remove the Latch Jamb and Filler and cut both to the same length using the mark made on the Latch Jamb. SPECIAL NOTE: Be sure to cut the filler to length off what will be the top end of the piece, so it will still line up with the holes already drilled in the wall. Reposition the Jamb Filler to the vertical mark made earlier. Hold in position and mark the remaining two holes. Drill and Secure the Jamb Filler.

STEP 6 - LATCH JAMB:

Slide the Latch Jamb (Item #1) over the now secured Jamb filler. Move the Latch Jamb off the filler just enough to stop the door. The gap between the vertical glass edge of the door and the Latch Jamb is a maximum of 3/16" for the handle to catch properly. An 1/8" gap is ideal. Adjust so that the reveal is the same the full length of the Latch. From the inside of the shower, screw through the three factory holes in the Latch Jamb into the Filler with three #8 X ½ PHPHTEK, (Item #13).

STEP 7 - HANDLE ASSEMBLY:

Take the inside Handle assembly, (with the bullet catch and adjustment screw), and insert two #6-32 X 1-1/2 FHPHMS (Item #10), into the two screw holes in the Handle. Slide one Plastic Grommet (Item #9) over the threaded portion of each screw. With the door open and from the inside of the door, insert this Handle assembly through the corresponding holes in the glass panel. WARNING: This shower door should not be installed without grommets. The grommets prevent the glass from touching the metal screw. If the metal touched the glass, the glass can break and create a serious safety hazard. Holding the assembly in place, set the Outside Handle Assembly in place over the holes and tighten the screws. Adjust the catch mechanism as necessary by turning the Phillips head screw on the inside handle. To adjust the Drip Deflector, close the door, and from the outside, using a block of wood, tap the Deflector down so that the Door Sweep is approximately 1/16" above the Low Curb Dam Strip or the shower base. The Deflector does not need to be tilted to function.

STEP 8 - CAULK:

Seal each end of the Drip Deflector with caulk, then run a bead of caulk the full length on the inside of the shower where each Jamb Filler meets the wall and across the bottom if the Low Curb Dam Strip was used.