

Aerial™

Illustrated Installation

Instructions





Shown with Victoria™ Towel Bar and Architectural Header side facing out



Parts List

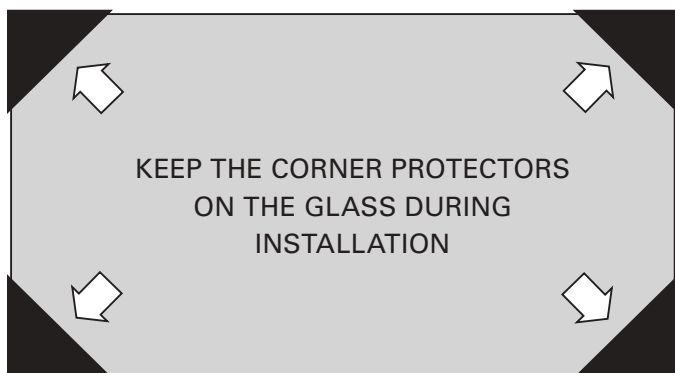
NO.	QTY.	PART #	PART DESCRIPTION
Header Assembly			
1	1	ALUM-7720*	Reversible Header
2L	1	ALUM-7750*	Left Wall Jamb
2R	1		Right Wall Jamb
3	1	ALUM-7760*	Curb
4	1	VINY-1185CL	Clear Panel Glide Strip (Pre-Installed)
5	4	HARD-2045	Panel Locator/Bumper
6	2	FAST-1250*	#8 x 1-1/2" FH SMS Screw
7	4	FAST-1365*	#8 x 1-1/2" PH SMS Screw
8	6	FAST-1440	Screw Anchor
9	4		Top Rail Wheel Assembly
9a	4	ALUM-7700*	Top Rail
9b	4	HARD-2065	Ball Bearing Wheel
9c	4	FAST-1430ZI	#8-32 x 3/8" PHWH Screw
9d	4	HARD-2030	1/4" (6mm) Gasket
	4	HARD-2035	5/16" (8mm) Gasket
9e	4	HARD-2050	Top Rail Bushing
9f	4	FAST-1560	Connector Bolt
Glass			
10	1		Outside Door Panel
11	1		Inside Door Panel
12	1**	HARD-2000*	1/4" (6mm) Center Guide
	1**	HARD-2005*	5/16" (8mm) Center Guide Center Guide packed with Glass Panels
Hardware			
13	1**	TBC-SLN3-20SK*	Solana™ 20" Towel Bar Combo
	1**	TBC-VCT5-20BK*	Victoria™ 20" Towel Bar Combo (shown)
	1**	TBC-CTN3-20BK*	Canton™ 20" Towel Bar Combo
	1**	TBC-OMN1-20BK*	Omni™ 20" Towel Bar Combo

*When reordering the part please indicate the SIZE and/or FINISH

**Based on your selection

DO NOT use a razor blade to cut open the paper wrapping as you may scratch the contents.

DO NOT REMOVE your old shower door until you check that your new shower door kit is the right size for your shower and that all the proper parts are in the box or hardware bag. Refer to Step 1.



Congratulations on purchasing your new Cw® tub/shower enclosure. Now that you have opened the package, we want you to verify that you have all the necessary hardware supplied with your enclosure.

Please read and understand these instructions in their entirety prior to assembly, installation and operation.

Use a level to check that the tub/shower sill is reasonably level – not more than 1/8" out of level from side to side. If the sill is out of level more than 1/8", you will need to order a custom-mitered filler that fits under the Curb. This will level the Curb correctly. In the absence of leveling the Curb with a mitered filler, and depending upon the out of level amount, the Panels may not stay in a closed or open position.

Use a level to check that the walls of the enclosure are plumb – not more than 3/8" out of plumb. If the walls are out of plumb by more than 3/8", you will need to order a custom-mitered filler that fits behind the Wall Jamb. In the absence of a plumb Wall Jamb, and depending upon the out of plumb amount, the Panels may not close correctly.

To order custom-mitered filler for your Curb or Wall Jambs, please contact Customer Service at your original purchase location.

Before beginning assembly of the product, make sure all parts are present. Compare parts with the Parts List. If any parts are missing or damaged, do not attempt to assemble the product. Contact our Customer Service department with any questions or concerns you may have about this product at 661.257.1177.

Tool Checklist (not included):

- Phillips screwdriver
- Level
- Electric drill
- 1/8" drill bit (for fiberglass stall)
- 3/16" masonry drill bit (for tile stall)
- Pencil
- Fine metal file
- Miter box and hacksaw with 32 tooth blade
- Caulking gun and clear tub/tile silicone
- 1/4" open end wrench
- Wire cutters
- Tape measure
- Painter's tape
- Safety glasses and safety gloves

CAUTION: Do NOT cut tempered glass or allow the corners of the Panels to strike the tub/tile, each other, any hard surface, wall or floor, as these actions may cause damage and the tempered glass will shatter. Keep the corner protectors on the glass during installation. Using safety glasses and safety gloves is highly recommended.

Step 1 Preparing your Opening

A. Before you remove the existing enclosure and all of its parts, check that your newly purchased enclosure is the correct size (See **Figure 1**).

1. Measure the finished opening width at the top (a) and bottom (b). Your new tub or shower enclosure should have a width equal to or greater than the largest measured width of your opening.

2. Measure the finished opening height from the tub or shower sill (c) to the top of your tub or shower surround/tile (d). The height of your tub or shower enclosure should not exceed the top of your tub or shower surround/tile.

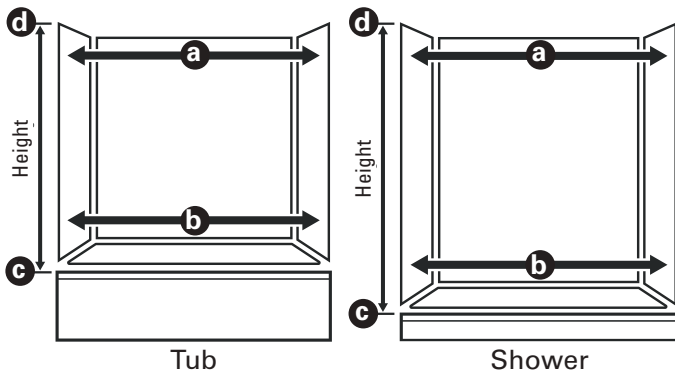


Figure 1

B. After determining that your newly purchased enclosure is the correct size, remove the existing enclosure and all of its parts.

C. Remove all screw anchors from the wall.

D. Clean silicone sealant or caulking and any other contaminants from the tub/shower and wall surfaces. Fill any remaining holes with silicone for waterproofing.

Note: Unless otherwise stated, views and directions given in these instructions – left, right, front, back, etc. – are from outside the enclosure, facing the tub/shower.

Step 2 Installing the Curb

Note: If your tub/shower enclosure has a curve in the corners at the side walls, be sure to measure the distance from wall to wall ABOVE the curves.

A. Using the tape measure, measure between right and left walls along the flattest part of the tub sill/shower dam. Write this dimension down.

B. Using the tape measure, find the center of the tub sill/shower dam (See **Figure 2**). Make a mark where the center is, and add 1" to this mark. Place a new mark on the front of tub sill/shower dam on both the right and left sides.

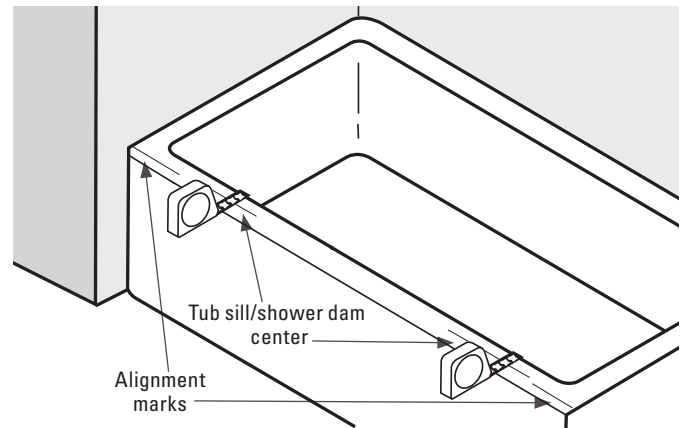


Figure 2

C. Locate the Curb. Remove the Panel Glide Strip from the Curb (See **Figure 3**).

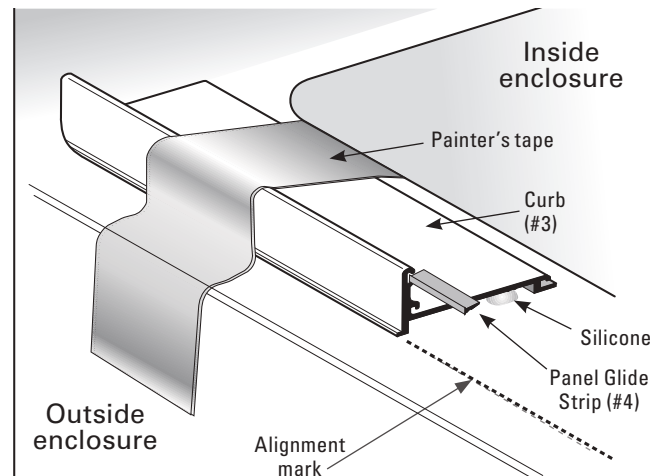


Figure 3

D. Using the measurement from **Step 2A**, cut the Curb to this length. Use the miter box and hacksaw to make a straight cut. If your tub/shower has curved corners, use a fine metal file to round off and shape the ends of the Curb to fit the rounded corners.

E. Locate the Panel Glide Strip (See **Figure 2**). Using the wire cutters, cut it 3/4" shorter than the Curb.

Re-install the Panel Glide Strip into the Curb so that the ends of Panel Glide Strip are evenly spaced at each end of the Curb.

F. Cut two pieces of painter's tape 12" long. Next, use the caulking gun and apply a thick bead of silicone sealant (approximately 3/8" in diameter) to the bottom surface of the Curb as indicated in **Figure 2**. Position the Curb on the tub sill/shower dam. Use the two strips of painter's tape to temporarily secure the Curb in place. DO NOT place the tape within 2" of the wall.

Note: The tape will help provide a positive seal to the tub sill/shower dam while also holding the Curb in place for the following steps, ensuring the silicone adheres and seals the unit.

Step 3 Installing the Wall Jambs

Note: The Aerial™ comes with two Wall Jambs. One is notched for the left wall, the other is notched for the right wall. Each Wall Jamb is marked clearly on the bottom back side: "L" for left, "R" for right.

A. Locate the left Wall Jamb.

B. Place the left Wall Jamb against the left wall and slip the bottom of the Wall Jamb over the Curb. Use a level, held against the side of the Wall Jamb to align it vertically straight up and down as shown in **Figure 3**.

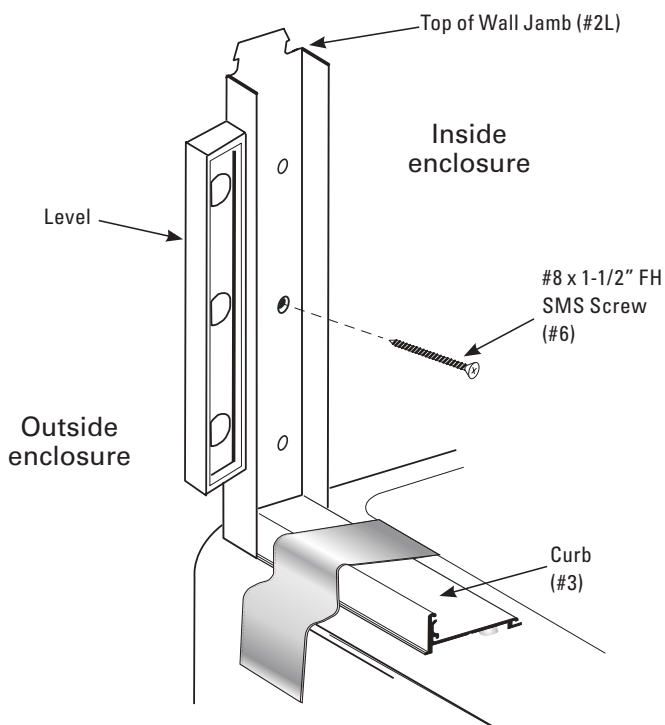


Figure 3

C. Use a pencil to mark the position of each of the three pre-drilled holes in the left Wall Jamb. Set the Wall Jamb aside for the moment.

D. Using either a 1/8" drill bit (for a fiberglass enclosure) or a 3/16" masonry drill bit (for tile) drill three holes where you made the marks. If installing in a tiled enclosure, gently tap a Screw Anchor into each hole. DO NOT use the Screw Anchors for a fiberglass enclosure.

E. Place the Wall Jamb back over the Curb and against the wall and secure with a single #8 x 1 1/2" FH SMS Screw in the MIDDLE hole only.

F. Repeat **Steps 3A-D** for the right Wall Jamb, marked on the bottom with an "R."

Step 4 Installing the Panel Locator/Bumpers

See **Figure 4** to position the Panel Locator/Bumpers. Secure with #8 x 1-1/2" PH SMS Screws.

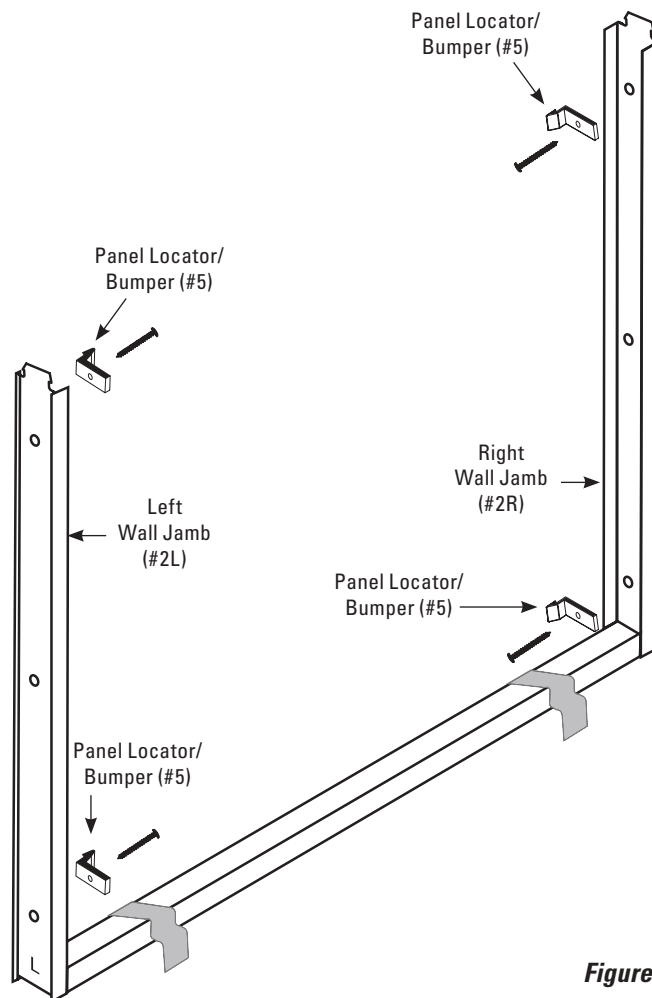


Figure 4

Step 5 Installing the Header

A. Using the tape measure, measure the width just above the top of the left and right Wall Jambs (Remember, the width at the bottom of the enclosure may NOT be the same as the width of the top of the enclosure because walls may not be plumb and square).

B. Locate the Header. Using the miter box and hacksaw, cut the Header to the length you just measured.

C. The Aerial™ comes with a positive snap-lock feature which eliminates the need for screws to hold the Header in place. Choose which of the two styles on the reversible Header you would like to face out, and position it over the top of the Wall Jambs. Spread the Header sides slightly as you pull it down onto the Wall Jambs. You should be able to hear and feel when it solidly locks in place (See **Figure 5**).

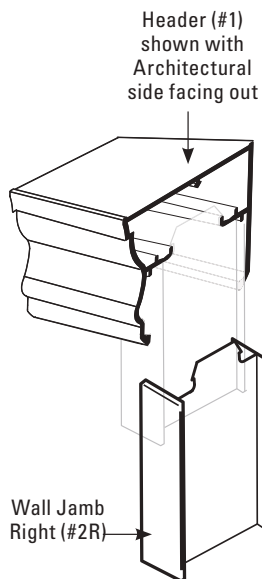


Figure 5

Step 6 Attaching Top Rail and Wheels to the Door Panels

A. Locate the four Ball Bearing Wheels, and the four #8-32 x 3/8" PHWH Screws.

B. Using a phillips screwdriver, attach a Wheel to each Top Rail Wheel Assembly in the center, position "3" (See **Figure 6**).

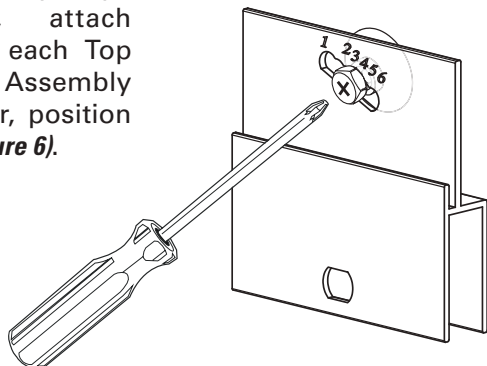


Figure 6

Note: The Wheel may need to be loosened and moved in the opening later to adjust the position of the Panel.

C. Locate the Inside Door Panel. Locate two of the Top Rail Wheel Assemblies, two Gaskets, two Connector Bolts and two Bushings.

Note: There are two Glass thicknesses available; 1/4" (6mm) or 5/16" (8mm). If you purchased 5/16" (8mm) Glass locate the 5/16" (8mm) package that includes the thinner Gaskets to be used with your unit.

Glass Thickness	Gasket
1/4" (6mm)	Thick
5/16" (8mm)	Thin

D. Insert a Bushing into each of the two holes at the top of the Inside Door Panel.

E. Place a Gasket over the top edge of the Inside Door Panel. Gasket may not sit flush with top of glass when hole on Gasket is aligned with hole on Bushing.

F. Place a Top Rail over the Gasket on the Inside Door Panel.

Note: If your Glass has a textured side, both Wheels should face the NON-textured side of the Inside Door Panel.

G. Attach the Top Rail to the Inside Door Panel by inserting the Connector Bolt through the hole in the Top Rail, Gasket and Bushing (See **Figure 6a**).

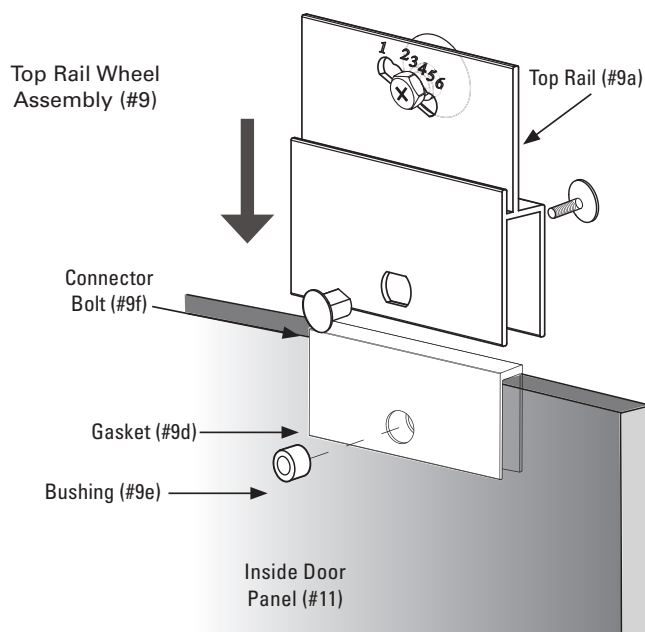


Figure 6a

H. Repeat on the other hole of the Inside Door Panel, ensuring both Wheels face the same direction.

I. Attach the remaining two Top Rail Wheel Assemblies on the Outside Door Panel.

Note: If your Glass has a textured side, both Wheels should face the TEXTURED side of the Outside Door Panel (See **Figure 6b**). The textured side of both Panels should face outside the enclosure.

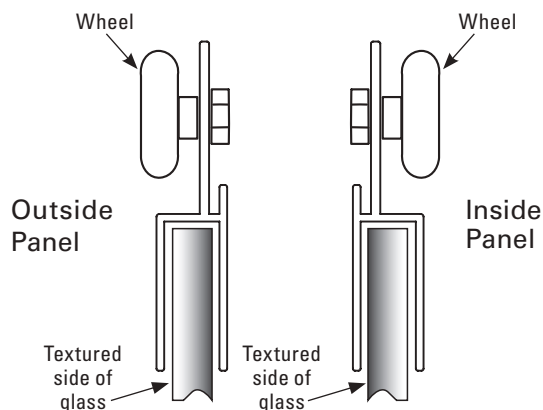


Figure 6b

Step 7 Installing the Door Panels

Installing the Door Panels may be easier if you have someone assisting you. Always wear gloves and safety glasses whenever handling glass.

Note: Take extra care in handling the Glass Panels. DO NOT allow the corners of the Panels to strike the tub/tile, each other, any hard surface, wall or floor, as these actions may cause damage and the tempered glass will shatter. Keep the corner protectors on the Glass during installation.

A. Hold the Inside Door Panel so that the Wheels are facing away from you. Standing outside and facing the shower enclosure, lift the Inside Door Panel up and over the Curb and then insert the Top Rail Wheel Assemblies up into the Header and gently set the Wheels into the rear track of the Header. Make sure that the Panel rolls freely.

B. If someone is assisting you, have them hold the Inside Door Panel back, out of your way for this step. Hold the Outside Door Panel so that the Wheels are facing towards you. Standing outside and facing the shower enclosure, use the index fingers of both hands to carefully push the Inside Door Panel back and out of the way as you lift the Outside Door Panel up and over the Curb and then insert the Top Rail Wheel Assemblies up and into the Header (See **Figure 7**). DO NOT let the two Panels strike one another. Gently set the Wheels into the front track of the Header.

C. Carefully let the Inside Door Panel ease back into position. Make sure both of the Panels roll freely.

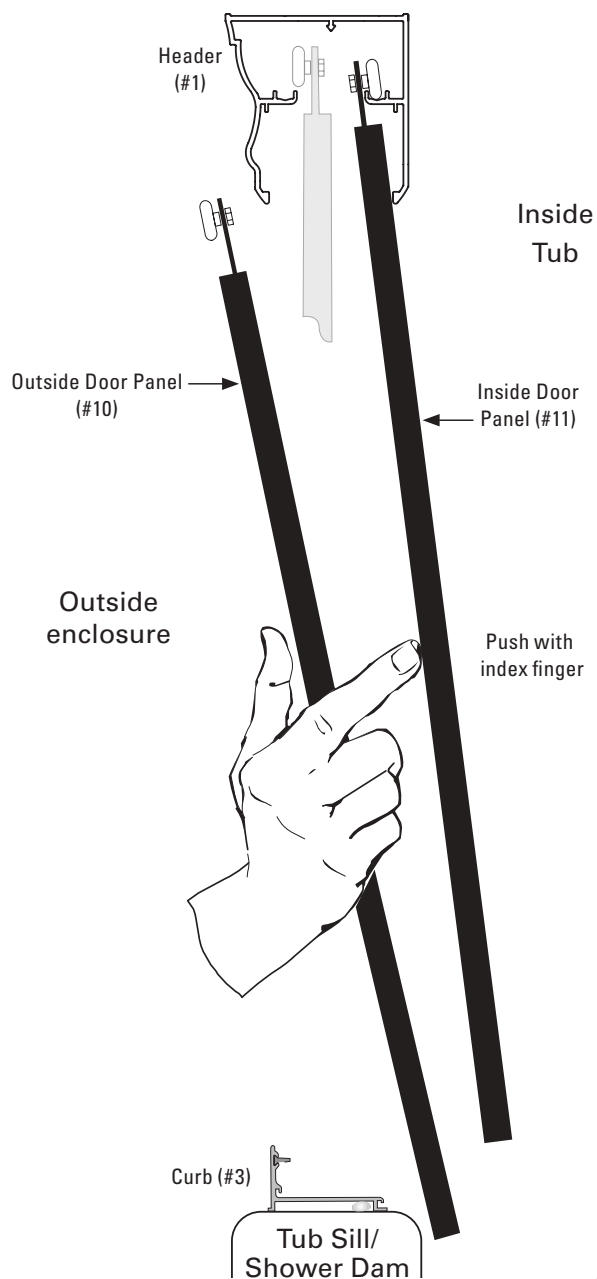


Figure 7

Step 8 Adjusting and Aligning the Door Panels

A. Slide the Inside Door Panel toward the wall with the shower head. Slide the Outside Door Panel to the opposite wall. With the Panels in this position, if the edges of the Door Panels do not touch the top and bottom Panel Locator/Bumpers at the same time, or the Door Panels are too high off the curb, the Door Panels need to be adjusted to prevent leakage.

B. One or more of the Wheels may need to be adjusted to properly align the Door Panels. With the Door Panels in the correct position, remove pressure by slightly lifting the Door Panel. Using a 1/4" open end wrench, loosen the #8-32 x 3/8" PHWH Screw securing the Wheel and slide the Wheel in either direction (See **Figure 8**) until the Door Panel touches the top and bottom Panel Locator/Bumpers at the same time. Tighten the Screw. Repeat until both Panels are properly adjusted.

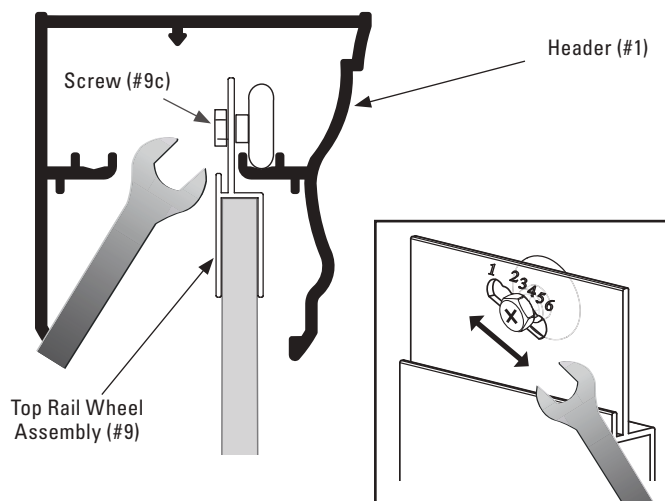


Figure 8

Step 9 Installing the Center Guide

WARNING! DO NOT ATTEMPT TO LOCK THE CENTER GUIDE IN PLACE UNTIL YOU ARE READY TO INSTALL IT! Once the Center Guide is in place the shower Door Panels will be extremely difficult to remove, and adjusting or removing the Center Guide will be nearly impossible.

Note: There are two Glass thicknesses available; 1/4" (6mm) or 5/16" (8mm).

Glass Thickness	Center Guide
1/4" (6mm)	HARD-2000
5/16" (8mm)	HARD-2005

A. Locate your Center Guide(s). If you received two Center Guides, select the color that best matches your finish.

B. Make sure that the surface of the Curb is completely clean of oil, dust, debris or other contaminants. With a tape measure, measure from Wall Jamb to Wall Jamb and, with a pencil, mark the center point of the Curb on the inside edge of the Curb or lightly on the tub sill/shower dam or tile where it will be visible and easy to remove. Remember, you will want to be able to see the pencil mark after you insert the Center Guide into the groove in the Curb so that you can center the Center Guide.

C. Remove the corner protectors from the Glass.

D. Slide both Door Panels to one side. Peel the paper backing off the two-way tape on the bottom of the Center Guide. Without letting the adhesive tape touch the Curb, carefully insert the front edge of the Center Guide into the groove on the Curb (See **Figure 9a**).

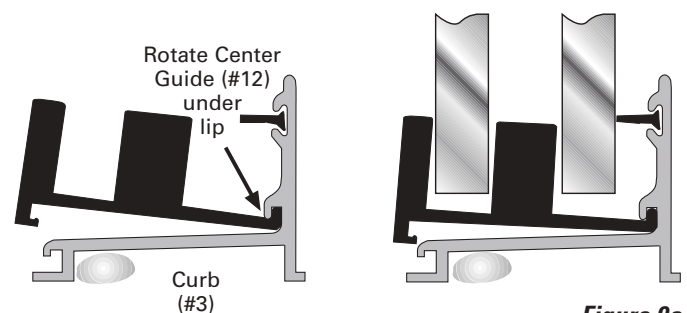


Figure 9a

E. Slide the Center Guide under the two Door Panels. Center the Center Guide on the pencil mark you made (See **Figure 9b**). Press the Center Guide onto the Curb and lock it into position by pressing firmly on the back edge of the Center Guide as shown in **Figure 9c**. You should feel it lock into place. If the Center Guide does not lock into position easily, it may be necessary to press firmly on one end to start the process and work along the back of the Center Guide in order to lock it into place.

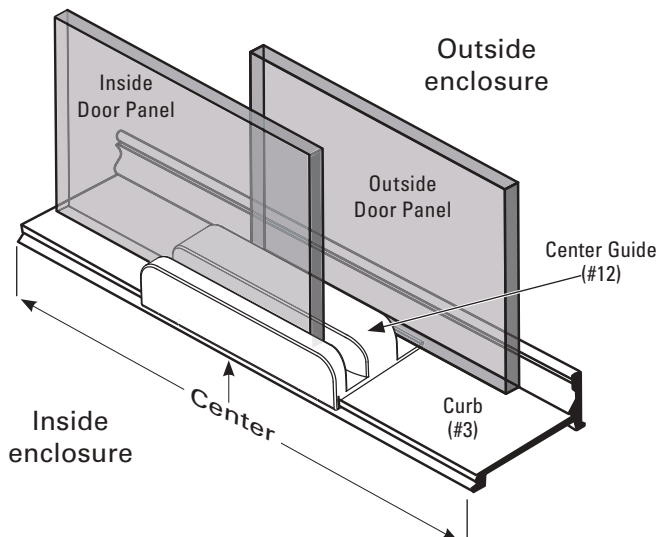


Figure 9b

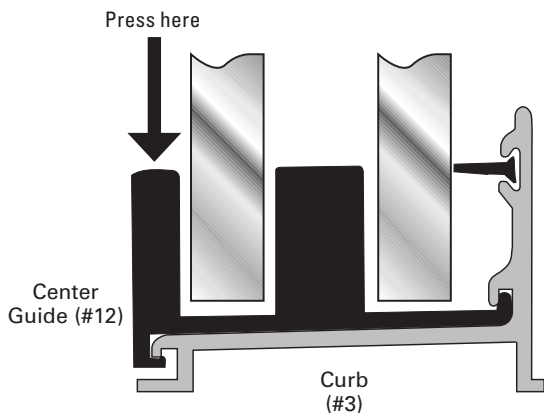


Figure 9c

Step 10 Installing the Towel Bar and Knob with Recessed Finger Pulls

Before you begin, refer to **Figure 10** to determine the correct orientation of hardware for your installation. The Inside Door Panel with Knob will slide to the wall nearest the shower head. The Outside Door Panel with Towel Bar will slide to the opposite wall.

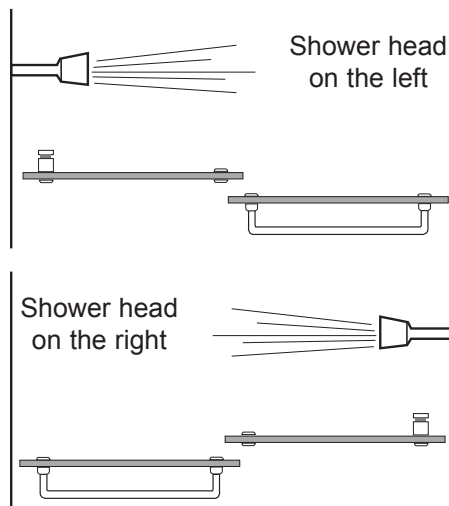


Figure 10

A. Installing the Towel Bar to the Outside Panel

1. Locate the Towel Bar Kit parts for the Outside Door including a Towel Bar, two Towel Bar Adapters, two Recessed Finger Pulls, four Washers and two Bushings. Refer to **Figure 11** to help identify these parts for your hardware style.
2. Slide both Door Panels to the wall opposite the shower head. Now slide the Outside Door Panel 5-6" toward the shower head. This will give you clearance to perform the next step.
3. Keeping the Towel Bar Adapters attached to the ends of the Towel Bar on both sides, detach both Recessed Finger Pulls, keeping one Washer and the Bushing on the Recessed Finger Pulls.
4. From inside the shower, insert the Recessed Finger Pull with one Washer and Bushing through the hole on the Outside Door Panel, so that the end sticks out from the front side of the Glass Panel.
5. Place the other Washer over the exposed end of the Recessed Finger Pull, and screw it into one end of the Towel Bar "finger tight."

Note: The Solana™ Towel Bar comes with Screws which go through the Recessed Finger Pulls to attach them to the Towel Bar. Slightly tighten the Screws with a phillips screwdriver.

6. Repeat **Step B, 2-4** through the other hole of the Outside Door Panel to complete installation of the Towel Bar (See **Towel Bar Assembly, Figure 11**).
7. Tighten both sides of the Towel Bar/Recessed Finger Pull.

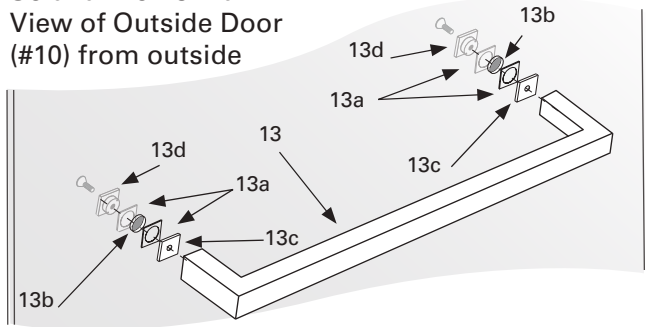
Towel Bar Assembly

NO.	QTY.	PART DESCRIPTION
13	1	Towel Bar
13a	4	Washer
13b	2	Bushing
13c	2	Towel Bar Adapter
13d	2	Recessed Finger Pull

Note: The Inside Door Knob Assembly is included in the Towel Bar Combo. All Part Numbers can be found on the Parts List on Page 3.

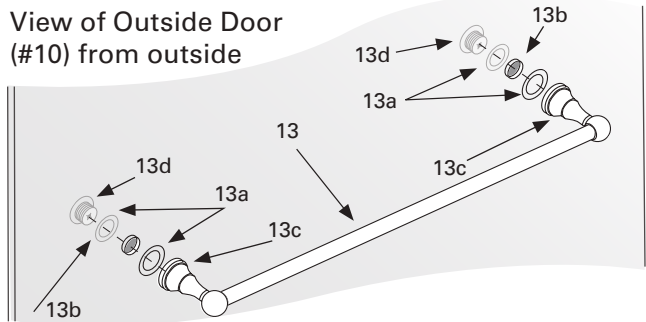
Solana™ Towel Bar

View of Outside Door (#10) from outside



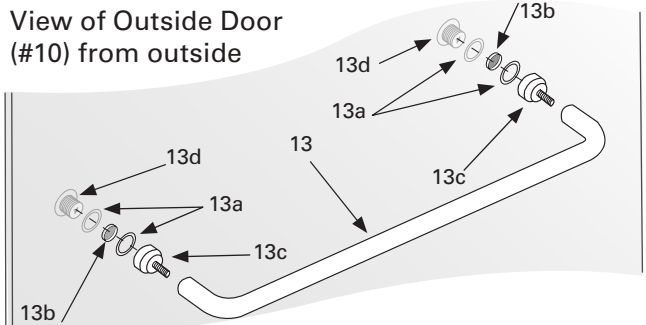
Victoria™ Towel Bar

View of Outside Door (#10) from outside



Canton™ Towel Bar

View of Outside Door (#10) from outside



Omni™ Towel Bar

View of Outside Door (#10) from outside

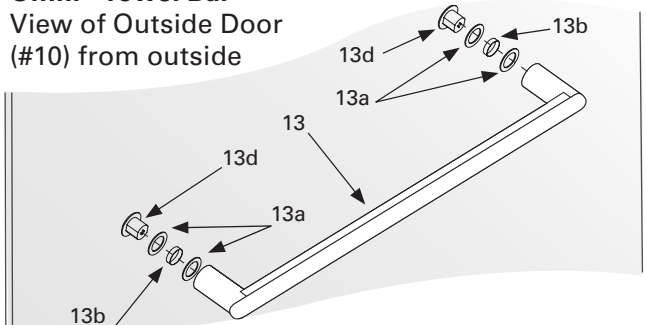


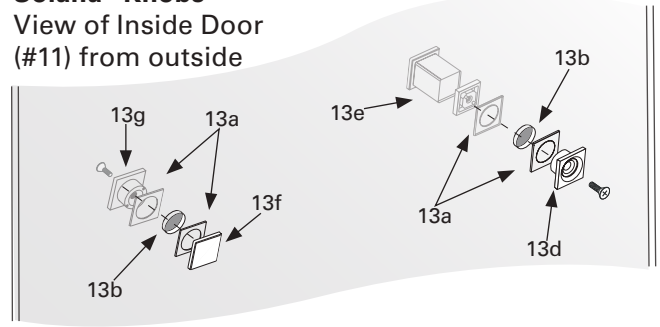
Figure 11

Knob and Recessed Finger Pull Assembly

NO.	QTY.	PART DESCRIPTION
13a	4	Washer
13b	2	Bushing
13d	1	Recessed Finger Pull
13e	1	Knob
13f	1	End Cap
13g	1	Recessed Finger Pull

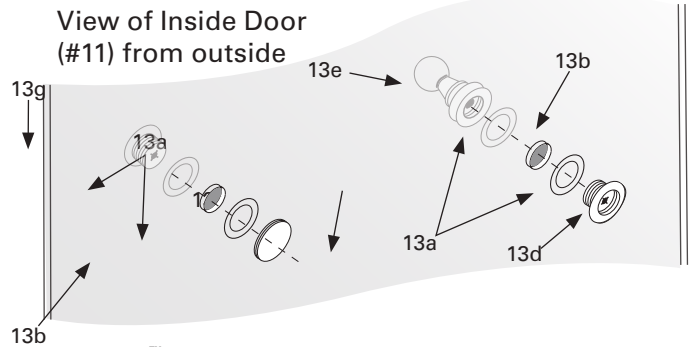
Solana™ Knobs

View of Inside Door (#11) from outside



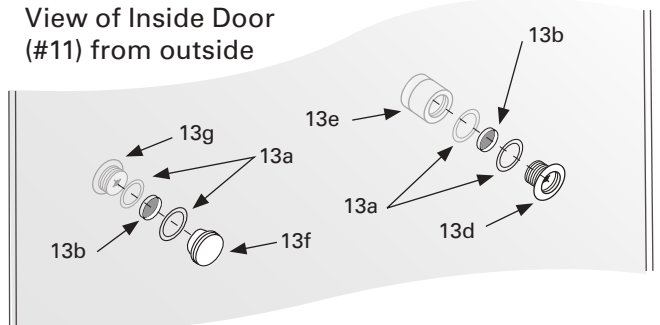
Victoria™ Knobs

View of Inside Door (#11) from outside



Canton™ Knobs

View of Inside Door (#11) from outside



Omni™ Knobs

View of Inside Door (#11) from outside

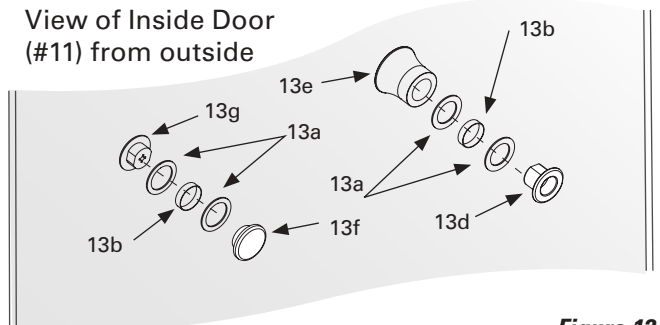
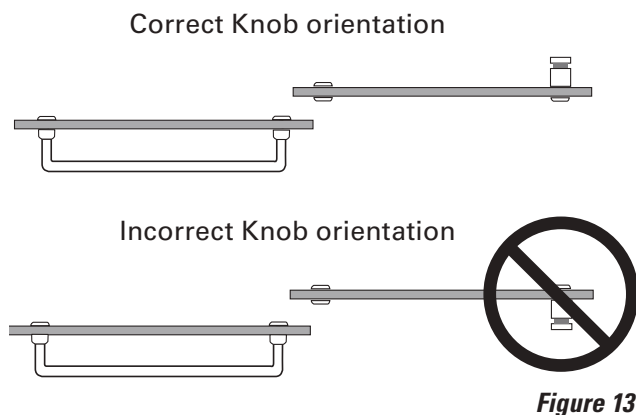


Figure 12

PRIN-2810-0825

B. Installing the Knob and Recessed Finger Pull on the Inside Door Panel

1. Locate the Knob and Recessed Finger Pull. Refer to **Figure 12** to help identify the parts.
2. Slide both Door Panels to the wall opposite the shower head. Now slide the Inside Door Panel 5-6" toward the shower head. This will give you clearance to perform the next step.
3. Detach the Recessed Finger Pull from the Knob, keeping one Washer and Bushing on the Recessed Finger Pull.
4. From outside the shower, insert the Recessed Finger Pull with one Washer and Bushing through the hole on the Inside Door Panel, so that the end sticks out from the back side of the Glass Panel.



5. Place the other Washer over the exposed end of the Recessed Finger Pull, and screw it into the Knob.

Note: The Solana™ Knob comes with screws which go through the Recessed Finger Pull to attach them to the Knob. Tighten with a phillips screwdriver.

6. Tighten the Knob/Recessed Finger Pull. The Knob should face the inside of the shower (See **Figure 13**).

C. Installing the End Cap and Recessed Finger Pull on the Inside Door Panel

1. Locate the End Cap and Recessed Finger Pull. Refer to **Figure 12** to help identify the parts.
2. Ensure that the Knob is installed correctly (See **Figure 13**). Gently slide both Door Panels to the wall with the shower head. Now slide the Inside Door Panel 5-6" toward the opposite wall. This will give you clearance to perform the next step.

3. Detach the Recessed Finger Pull from the End Cap, keeping one Washer and Bushing on the Recessed Finger Pull.

4. From inside the shower, insert the Recessed Finger Pull with one Washer and Bushing through the hole on the Inside Door Panel, so that the end sticks out from the front side of the Glass Panel.

5. Place the other Washer over the exposed end of the Recessed Finger Pull, and screw it into the End Cap.

Note: The Solana™ End Cap comes with screws which go through the Recessed Finger Pull to attach them to the End Cap. Tighten with a phillips screwdriver.

6. Tighten the End Cap/Recessed Finger Pull. The End Cap should face the outside of the shower (See **Figure 13**).

Step 11 Silicone Sealing the Enclosure

Using a caulking gun and clear silicone, seal inside your shower enclosure in the following areas:

- At the bottom of the Left and Right Wall Jamb inside where the Curb and Wall Jamb meet.
- Inside of the shower from the top of the Header, down the Wall Jamb to the sill of your opening.
- Inside of the shower from wall to wall, along the Curb where the Curb and sill meet.

Note: Silicone sealant must cure before you use your new enclosure. Silicone curing will vary. Please follow curing instructions on the tube.

Step 12 Cleaning the Door Panels

If your unit has the benefit of **CwShield™ Protective Coating**, following the detailed maintenance instructions below will ensure many years of satisfaction.

- After each use: Use a small plastic bowl or pitcher (a handheld shower sprayer will also work) to carefully pour clean water along the top edge of the Glass in a stream as you move across the Panel, being careful not to pour the water out through any gaps that may exist in the enclosure. The majority of the soapy residual water will drain off. Use a small hand towel to pat dry the few remaining droplets.

- Once a month: Each month after use, wet a nylon "light scrubber" and go over the wet Glass, rubbing in a circular motion over all the Glass. You should feel any "sticky" places return to "slick" again. Then carefully pour the water along the top edge of the Glass in a stream as you move across the Panel, just as you do after each use.
 - Never use harsh chemicals, as they will harm the CwShield™ Protective Coating.
- For units without CwShield™ Protective Coating, we recommend cleaning the glass and enclosure hardware with a mild, non-abrasive cleaner designed for mirror and/or glass. Avoid using scouring cleansers as this will scratch and mar the beautiful finish on the enclosure.

Thank you for making Cw® a part of your home. For additional inspiration and to learn more about our extensive line of products, we invite you to visit our website at CwDoors.com.



cwdoors.com

CwDoors.com

