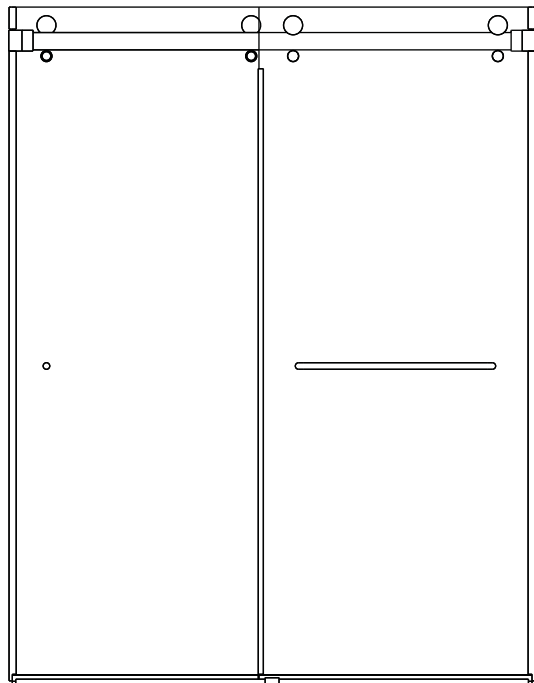


Installation Instructions for

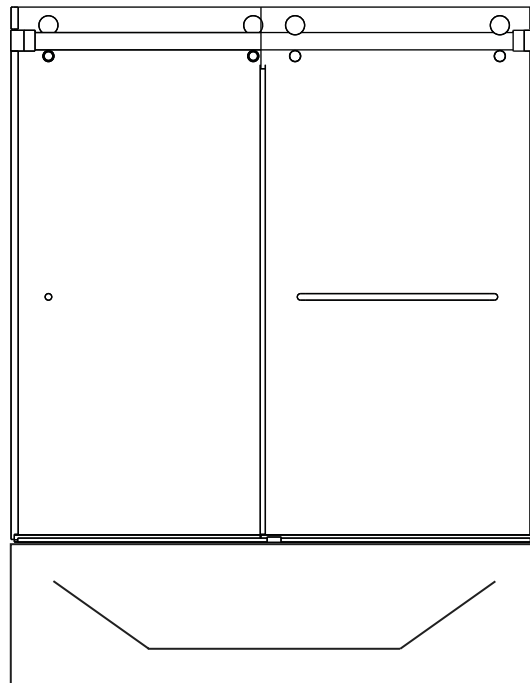
3/8" Door Models: **NBSE/NBTE or LBSE/LBTE**

FIRST STEPS - Identify the model number of your unit.

- Look on the white shipping label on the outer cardboard box.
- **Model number** on label should correspond to one listed above.



NBSE/LBSE



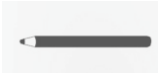
NBTE/LBTE

NOTE:

- Installation procedures are the same for tub or shower height units
- The images in this manual show an arrangement with the showerhead to the left. The same instructions apply for the opposite orientation where the examples would be reversed.

Required Tools

- * Pencil or water soluble felt pen



- * Hacksaw with 24 tooth blade



- * Metal file (smooth sharp edges)



- * Tape measure



- * Clear 100% Silicone (recommended)



- * #2 Phillips Screw driver



- * 1/4" drill bit carbide for tile



- * Caulking gun



- * Drill, electric or battery



- * 4 ft. Level



- * Rubber mallet



- * Razor knife



MM.5073
rev041019

Thank you for purchasing this outstanding product!
This booklet will help you install your units safely and successfully.

READ - Warnings and General Shower Door Information
on this page before beginning installation



HEAVY



CAUTION

**SAFETY
WARNINGS:**



SHARP



GLASS FRAGILE

Follow instructions: Instructions must be read and followed carefully to reduce the risk of serious injury during and after installation. Any deviation from these instructions can create safety hazards.

General Safety Notes:

- **Tempered Glass:** All glass panels are safety tempered to conform to general building codes. The intent of tempering is to reduce the risk of injury. Be careful handling tempered glass. Pay special attention to protect all edges of the glass from contact with hard surfaces.



- **Proper backing:** Hinge and header block screws should always screw directly into studs or other structurally sound material. Wall anchors are primarily used to separate the screw from tile to reduce possibility of cracking.

- **Exposed ends of aluminum** and other hard components can be rough, sharp or jagged due to the processes of cutting, drilling, notching, etc. Sharp ends must be deburred, smoothed or rounded by the installer before installation. Failure to do so could result in serious injury to installer and user of the enclosure.

- **Sliding and swinging glass doors** hitting any unprotected bathroom obstruction or metal or glass component of the shower door itself, may indicate improper installation and could lead to glass breakage or serious injury. The installer must correct the deficiencies before allowing the door to be used.

- **Towel Bars, handles and other accessories** are in no way considered to be grab bars or other bracing or fall prevention mechanisms. The intent of these accessories is to facilitate proper operations and esthetics of the unit.

Shower Door Facts

Shower Doors are Not Watertight:

Depending on the type of shower door selected, a properly designed and installed shower enclosures will protect areas outside of the enclosure from water damage under normal shower conditions to varying degrees. Excessive water pressure or directing the shower head or hand held sprays directly at doors or joints is not a normal shower conditions and can result a leak. The amount of water that can escape your shower varies by the type of shower as well. Heavy glass units with no or limited vinyl seals will allow water to escape under normal conditions. In general, the more metal and seals in the unit, the more water protection will be achieved.

Drilling holes in horizontal surfaces:

Drilling holes to anchor horizontal sills and curbs to thresholds and tub decks is discouraged. Using masking tape or double-sided tapes to secure non-load bearing components during installation (permanently secured later with silicone/caulking) is one technique to help minimize potential of water leaking underneath flooring. These instructions do not recommend drilling holes on horizontal surfaces for this reason.

Metal Finishes

- Anodized Aluminum:

The color of anodized Silver, Brushed Nickel, Satin Silver, Dark Bronze, and Gold anodized aluminum will vary between adjacent components because of variabilities within polishing, anodizing process and alloy composition. We make every effort to limit the variation; but, it is allowable and must be accepted.

- Electro Plated Brass and Stainless Steel:

The color of Silver, Brushed Nickel, Satin Silver, Oil Rubbed Bronze, Dark Bronze, and Gold electro plated components will also vary. This is allowable. Most of these finishes are also "living finishes", meaning, they may change, wear, weather, show patina, oxidize, etc. over the life of the product. This is allowable.

- Powder Coat:

This is a painting process and therefore can achieve the best color matching. Power coat paint, however, is less durable at joints of moving components and at edges that have been cut after the powder coat has cured. Some flaking or chipping in these areas are allowable.

- All Metal:

Any metal component (and glass components as well) will have limited scratches and pits. We make every effort to limit them; but, they are allowable and must be accepted.

Cleaning and Care:

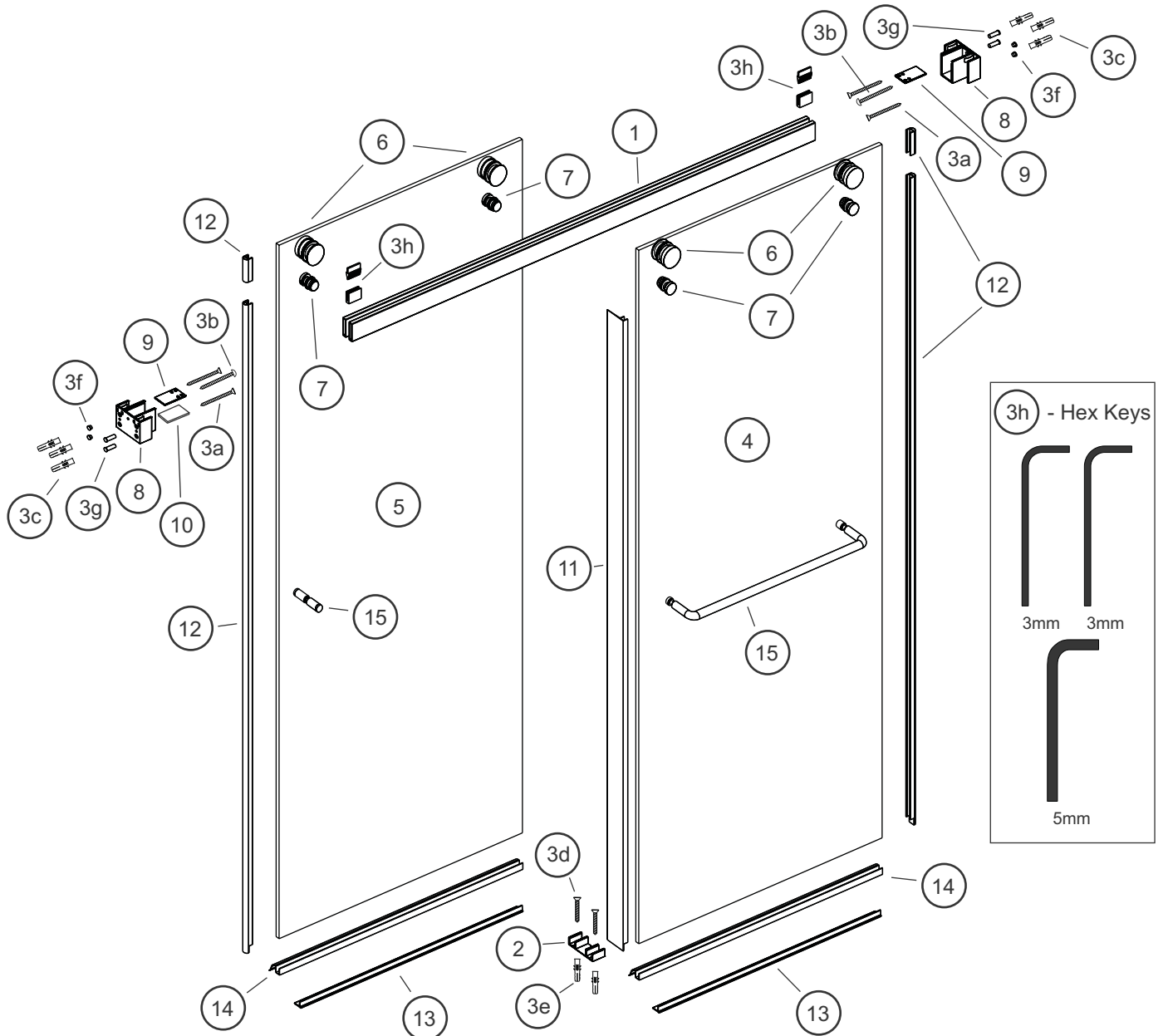
Refer to your owners manual for cleaning and care instructions.

Questions or Comments:

1-800-843-3332

Parts Diagram for NBSE, NBTE, LBSE or LBTE

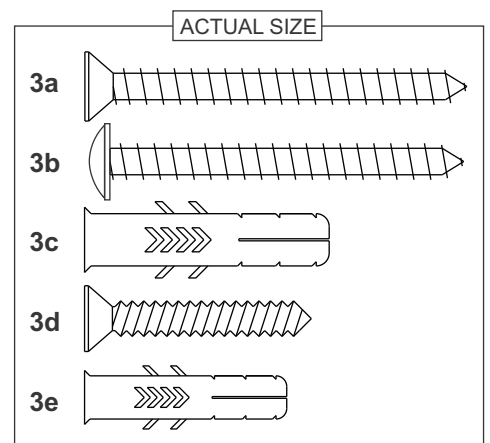
(Install procedure is the same regardless of height of unit)



Parts List

ITEM	PART #	DESCRIPTION	QTY
1	HA.3230	60" Header Bar (72"-HA.3231)	1
2	HA.3212	Center Guide	1
3	BP.5011	Part Bag	1
3a	<i>In BP.5011</i>	M5 X 60mm FHPH Screw	4
3b	<i>In BP.5011</i>	M5 X 60mm THPH Screw	2
3c	<i>In BP.5011</i>	M5 Wall Anchor	6
3d	<i>In BP.5011</i>	M4 X 30mm FHPH Screw	2
3e	<i>In BP.5011</i>	M4 Wall Anchor	2
3f	<i>In BP.5011</i>	7mm Stopper	4
3g	<i>In BP.5011</i>	30mm Stopper	4
3h	<i>In BP.5011</i>	Header Wedge Stabilizer	2
3i	<i>In BP.5011</i>	Hex Key (2 - 3mm, 1 - 5mm)	3

ITEM	PART #	DESCRIPTION	QTY
4	GLASS	Outside Panel	1
5	GLASS	Inside Panel	1
6	HA.3201	Roller	4
7	HA.3202	Anti Jump	4
8	HA.3211	Header Block	2
9	HA.3210	Header Bracing Plate	2
10	HA.3206	Header Shim (if necessary)	4
11	VN.4306	Center Seal	1
12	VN.4305	Bulb Seal	4
13	VN.4314	Soft Sill	2
14	VN.4308	Bottom Sweep	2
15	HA.27XX	Towel Bar and Knob	1



Extra screws and parts may be provided for your convenience

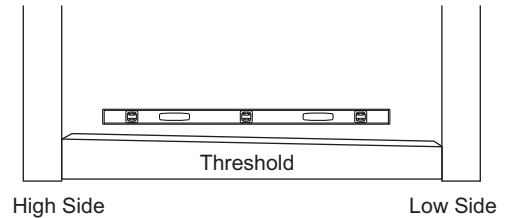
Installation Instructions

All Models

STEP 1 - EVALUATE THRESHOLD

- With a level, determine the vertical threshold outage as shown in Illustration 1. Maximum recommended vertical threshold outage from side to side is $\frac{1}{4}$ ".
- Mark high side and low side of threshold. The first header block will be installed on the high side.

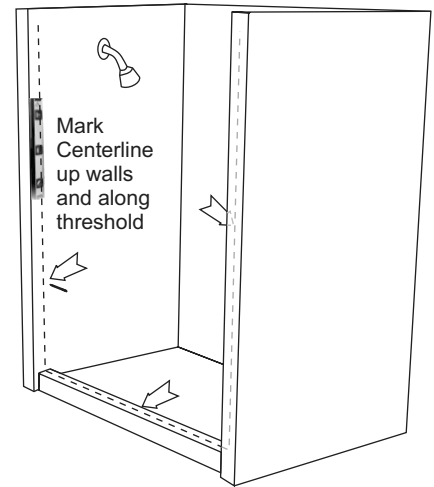
Illustration #1



STEP 2 - CENTERLINE

- Mark the location of the center of the threshold.
- Draw overall unit centerline on threshold and walls. A laser or plumb-bob is handy to determine and mark the centerline.
- Place the Center Guide at the threshold center location. On the threshold, mark the position of a long edge of the Center Guide perpendicular to the unit centerline. Remove the Center Guide.

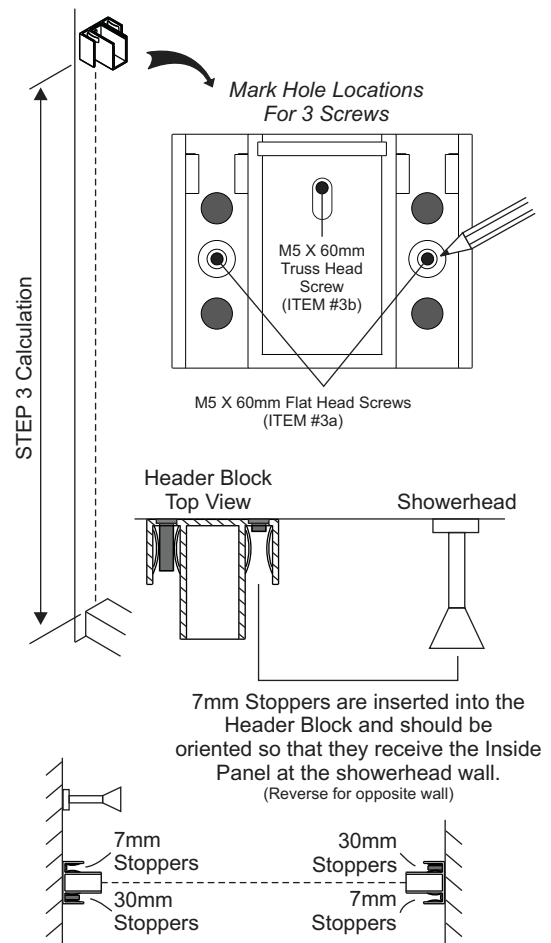
Illustration #2



STEP 3 - HEADER BLOCK HEIGHT CALCULATION:

- Measure height of glass panels: _____
- Subtract $4 \frac{9}{16}$ " from this measurement: _____
- This is the height from the threshold to the bottom of the Header Block in the following step.

Illustration #3



STEP 4 - MOUNT FIRST HEADER BLOCK

- Lean the inner glass panel against the inside back wall of the shower. Be sure to place cardboard or a soft material between the glass and the floor.
- Use measurement from STEP 3 and mark this distance up the high-side wall along the centerline. This is the location of the BOTTOM of the Header Block.
- Insert two 7mm Stoppers and two 30mm Stoppers through the holes in the backside of each Header Block. See Illustration 3 for Stopper orientation. All bumpers should be flush to back of the Header Block.

NOTE: Refer to the "Proper Backing" bullet on page 2.

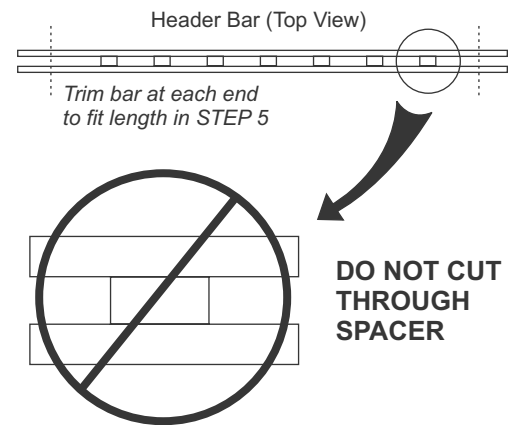


- Place the bottom of the Header Block at this mark and center along the centerline.
- Mark the 3 Header Block hole locations on the wall.
- Remove the Header Block and drill a hole at each mark with a $\frac{1}{4}$ " drill bit. Insert a M5 Wall Anchor into each hole.
- Secure the Header Block with two M5 X 60mm FHPH Screws in the outer hole locations and one M5 X 60 THPH Screw in the center hole location.

STEP 5 - CHECK HEADER BAR LENGTH

- Your Header Bar may already be cut to size. To check, measure wall to wall just below the Header Block and subtract $\frac{3}{4}$ ". If your header is not this length, find the difference between the overall length of the Header Bar and your measurement. Remove half of this difference from each end of the Header Bar (Illustration 4).

Illustration #4

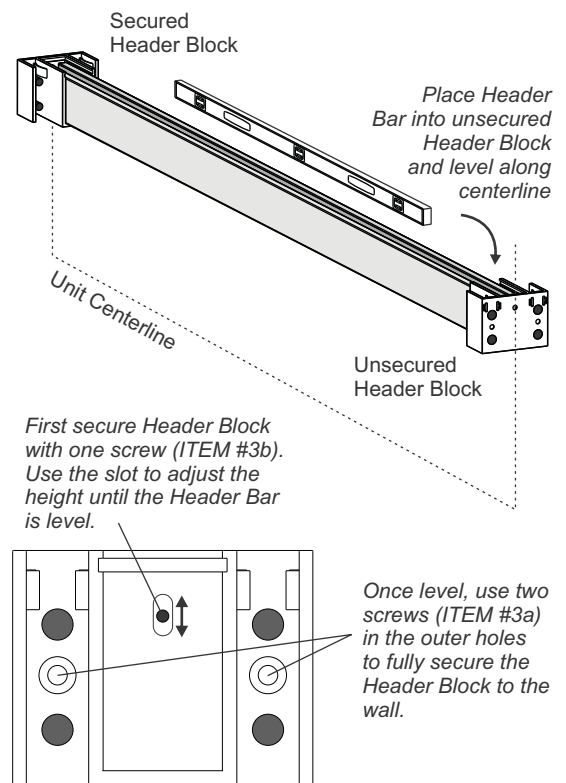


STEP 6 - SECURE SECOND HEADER BLOCK

NOTE: Assistance is recommended for this step.

- Hold the unsecured Header Block on the opposite wall directly across from the secured Header Block.
- Insert Header Bar into the cavities of the two Header Blocks.
- Using a level, position the loose Header Block until the Header Bar is level and the Header Block is centered on the centerline. Mark outline of the Header Block.
- Set Header Bar aside. With the Header Block aligned in the outline, mark the center of the slot location on the wall.
- Remove the Header Block. Drill a hole at this mark with a $\frac{1}{4}$ " drill bit and insert a M5 Wall Anchor.
- Insert Stoppers into the Header Block, be sure to follow the orientation shown in Illustration 3.
- Temporarily secure the Header Block with one M5 X 60mm THPH Screw (ITEM #3b).
- Place the Header Bar back into the cavities of the Header Blocks and check if it is level. If needed, adjust the Header Block using the center slot. If needed mark the new location.
- Remove the Header Bar and mark the locations of the outer Header Block holes on the wall.
- Remove the Header Block. Drill a hole at these marks with a $\frac{1}{4}$ " drill bit and insert M5 Wall Anchors.
- Secure the Header Block with two M5 X 60mm FHPH Screws.

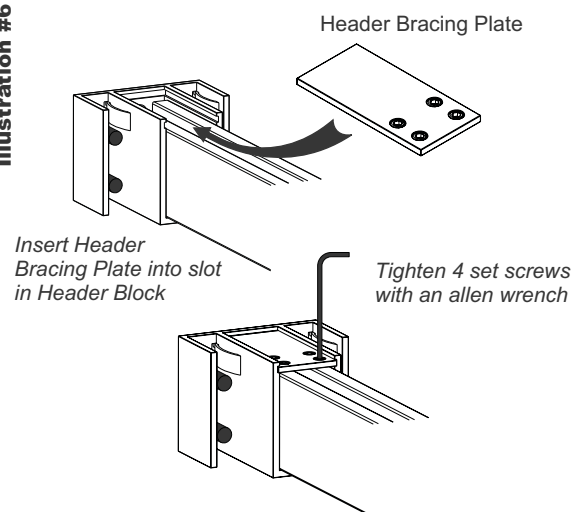
Illustration #5



STEP 7 - SECURE HEADER BAR

- Insert the Header Bar back into the cavities of the Header Blocks. So the spacing from the end of the bar to the wall is approximately the same at each end.
- Refer to the included instruction sheet on how to install the optional Header Wedge Stabilizers.
- Insert the Header Bracing Plates in the Header Blocks. Tighten set screws with the supplied hex wrench.

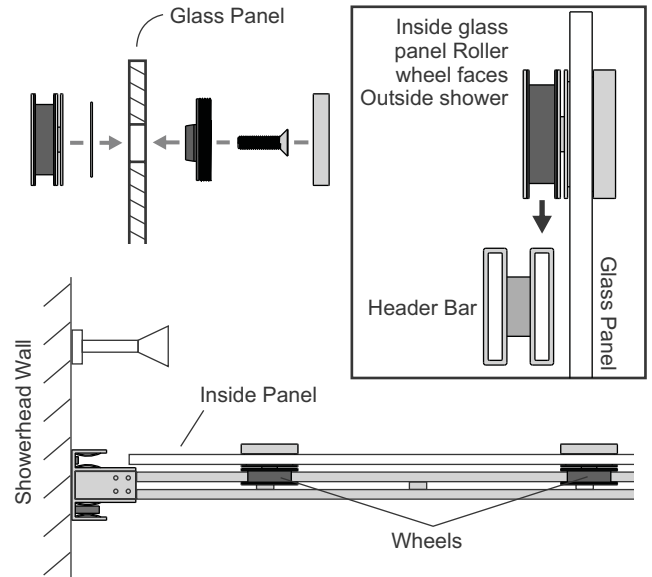
Illustration #6



STEP 8 - INSTALL SLIDING PANELS

- Starting with the Inside Panel, mount two Roller assemblies as shown in Illustration 7. The side of the panel with the wheels will be oriented to the outside of the shower.
- Trim two pieces of the Bottom Sweep (ITEM #14) to the width of the glass panels. Install one around the bottom edge of the Inside Panel so that the tail is oriented towards the inside of the shower.
- Hang Inside Panel on the inner rail of the Header Bar.
- Mount both wheels onto the Outside Panel using the same procedure as above. The side of the panel with the wheels will be oriented to the inside of the shower.
- Install the other trimmed Bottom Sweep to the bottom edge of the Outside Panel so that the tail is oriented towards the inside of the shower.
- Hang Outside Panel on the outer rail of the Header Bar.

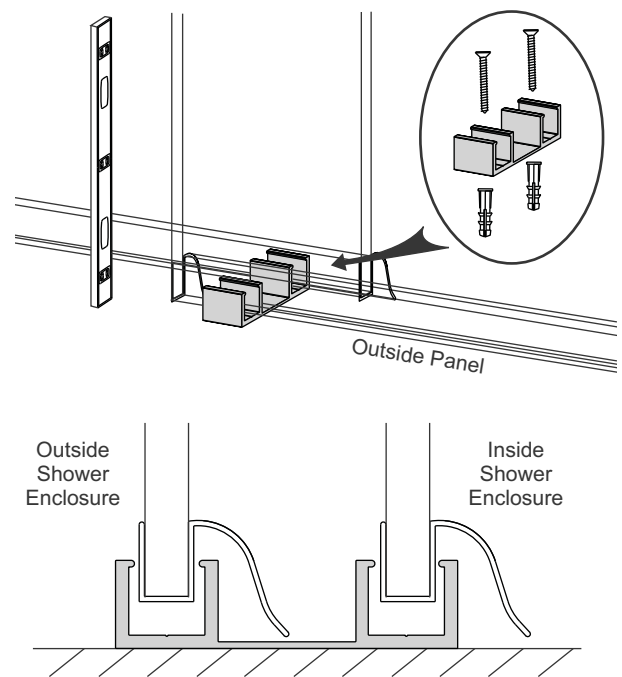
Illustration #7



STEP 9 - INSTALL CENTER GUIDE

- Move both panels to the middle of the Header Bar.
- Slide the Center Guide under both panels and align one of its long edges with the mark made in STEP 2.
- Use a level to make sure panels are plumb and adjust the Center Guide to achieve best result.
- Mark Center Guide edges or outline on the threshold.
- Remove the Glass Panels. Ensure the Center Guide is still in place and mark the holes of the Center Guide on the threshold.
- Remove the Center Guide and drill a hole at each mark with a 1/4" drill bit.
- Fill holes with silicone and insert M4 Wall Anchors.
- Add silicone to bottom of Center Guide and set in place on threshold.
- Secure Center Guide with two M4 X 30mm Screws and then carefully reinstall Glass Panels.

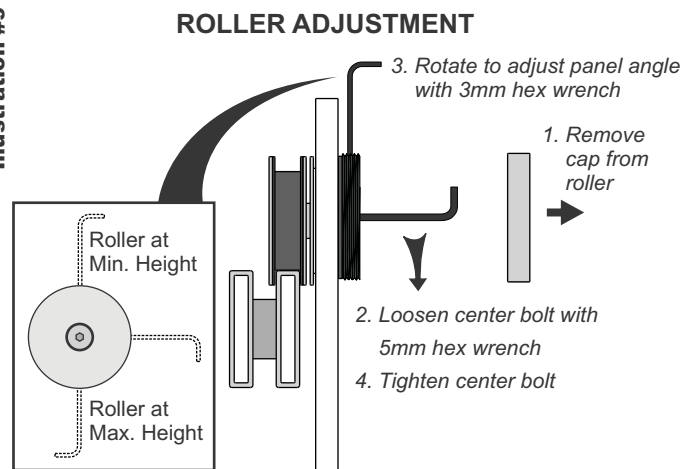
Illustration #8



STEP 10 - ADJUST ROLLERS

- Holding a level on top of each glass panel, determine if they are level.
- If sloped, adjust the Rollers as shown in Illustration 9. Raise and/or lower each side of the panel until the panels are level.

Illustration #9



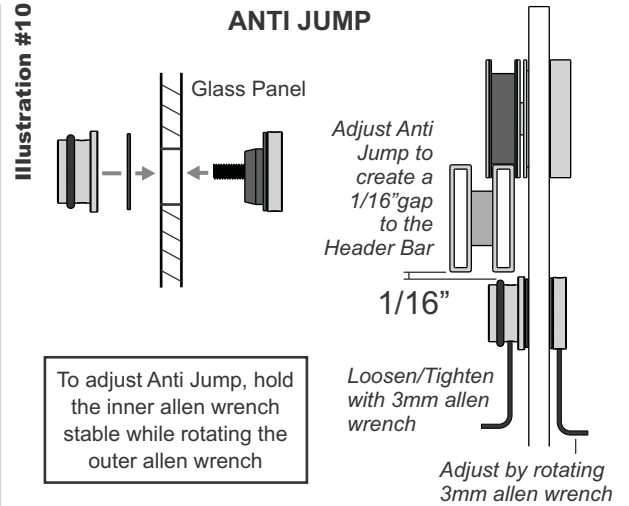
Installation Instructions

All Models

Page 7

STEP 11 - INSTALL AND ADJUST ANTI JUMPS

- Assemble two Anti Jumps onto each glass panel so that they are snug but not tight.
- Rotate outer cam/cap with the provided 3mm hex keys as demonstrated in Illustration 10 to raise or lower Anti Jumps until they are approximately 1/16" from the bottom of the Header Bar.
- While holding the outer cam/cap in position, tighten the Anti Jump against the glass.



STEP 12 - INSTALL TOWEL BAR, PULLS, AND VINYL

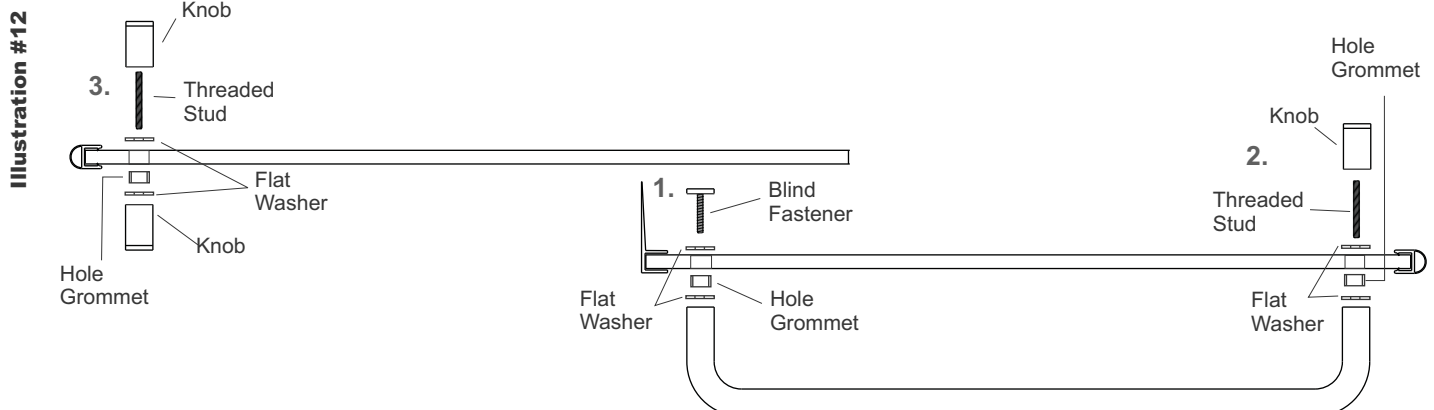
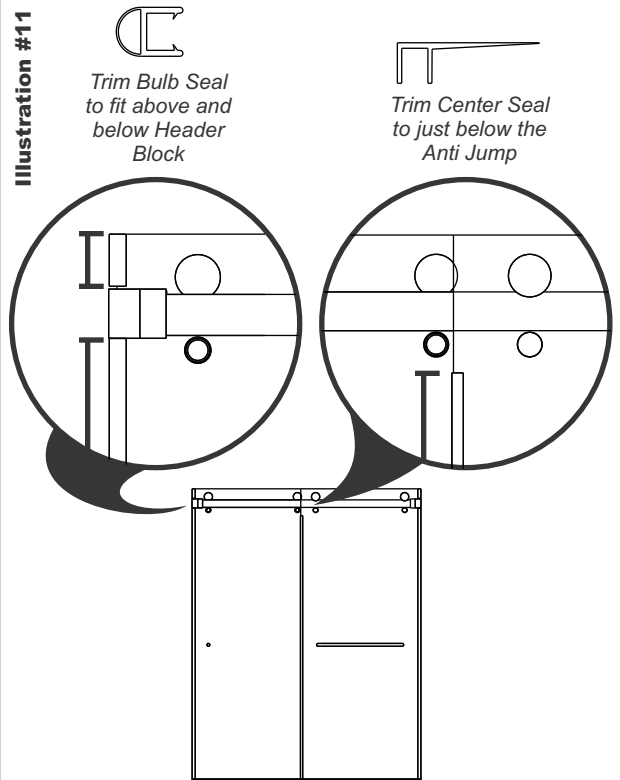
- Cut two pieces of Bulb Seal (ITEM #12) to fit the height of the glass, below and above the header block. Install on either panel at the edge of the glass that will be closest to the wall at the closed position. Notch the Bulb Seal to fit around the Bottom Sweep. Repeat for the other panel.

NOTE: The bulb seal is important to protect the glass from coming into contact the wall.

- Optional: Trim the Center Seal (ITEM #11) to fit between the bottom of the glass and just below the Anti Jump. Install the Center Seal along the centermost edge of the outer glass panel when in the closed position. Notch the Center Seal at the bottom to fit around the Bottom Sweep.

NOTE: The Center Seal may hit the knob of the inside panel.

- Disassemble the Tower Bar and reassemble it in place on the outer glass panel. See below (Illustration 12) for proper sequence.
- Disassemble the Knob and reassemble it in place on the inner glass panel.
- Ensure that the plastic hole grommet is inside the holes of the glass. Failure to do so could result in the panel chipping or breaking.



Installation Instructions

All Models

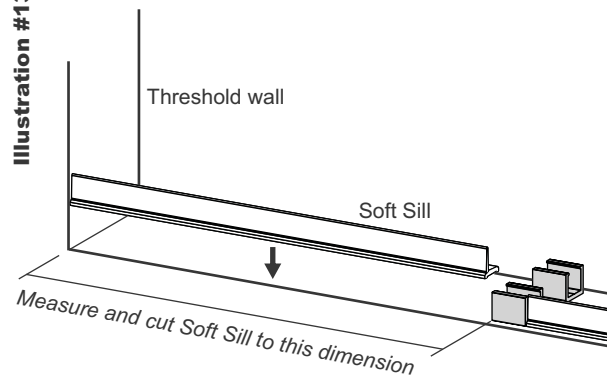
STEP 13 - INSTALL SOFT SILL

- Measure the distance between the wall and the nearest side of the Center Guide, see Illustration 13.
- Cut Soft Sill to this dimension.
- Repeat for the other side of the Center Guide.

NOTE: Clean adhesion surface with alcohol and dry thoroughly.

- Peel the backing off the tape on the Soft Sill and stick in place on the threshold. The outer edge of the Soft Sill should line up with the outer face of the Center Guide.
- Repeat for second piece of Soft Sill.

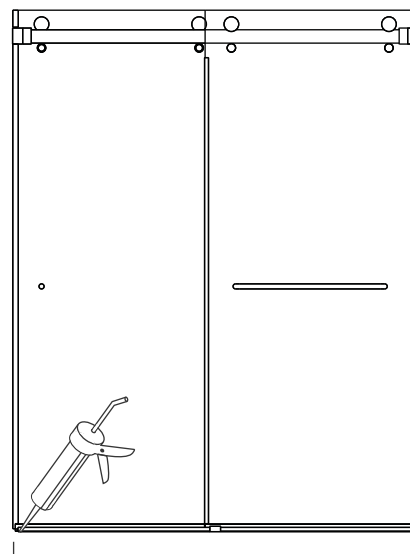
Illustration #13



STEP 14 - SILICONE

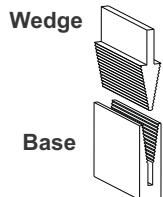
- Run a continuous bead of silicone along the bottom outside and inside of the Soft Sill crossing the Center Guide.
- Allow silicone to cure for 24 hours before using the shower.

Illustration #14



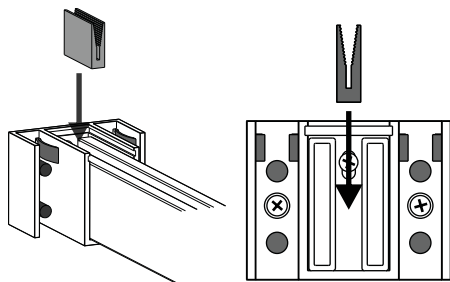
Apply a Single Bead along inside and outside of Soft Sill and Center Guide

Optional: HA.3208 Header Wedge Stabilizer

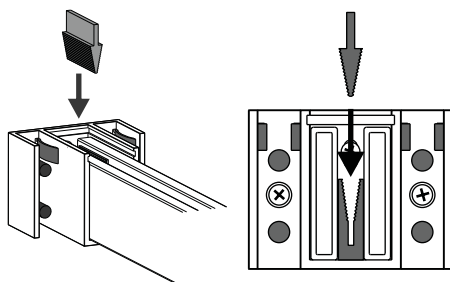


The Header Wedge Stabilizer consists of a Base and a Wedge. It is an optional accessory that can be used:

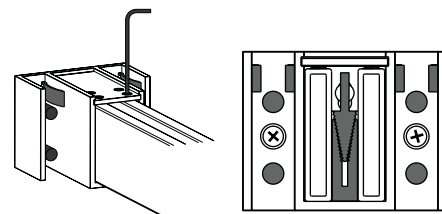
- If the ends of the header bar rails are bowed inwards and are loose against the sides of the header block.
- To help reduce roller noise and potential distortion of the header bar.



STEP 1: Insert Base between the rails of the Header Bar.



STEP 2: Push the Wedge into the Base until it forces to the rails of the Header Bar against the sides of the header block.



STEP 3: Insert the Header Bracing plate into the slot of the Header Block and tighten the set screws