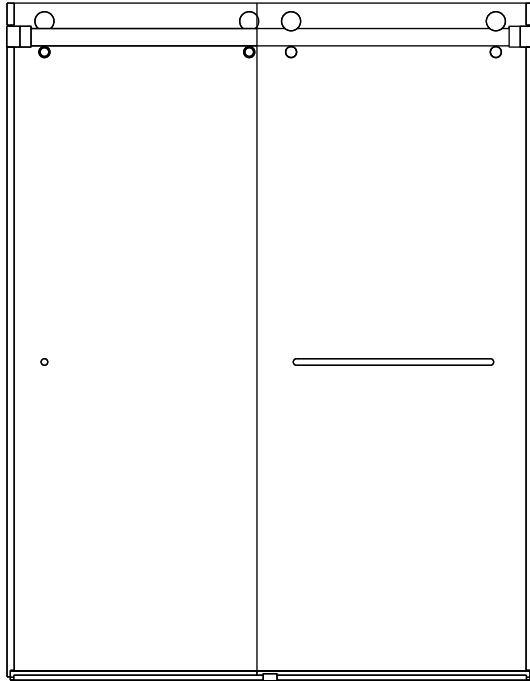


Installation Instructions for

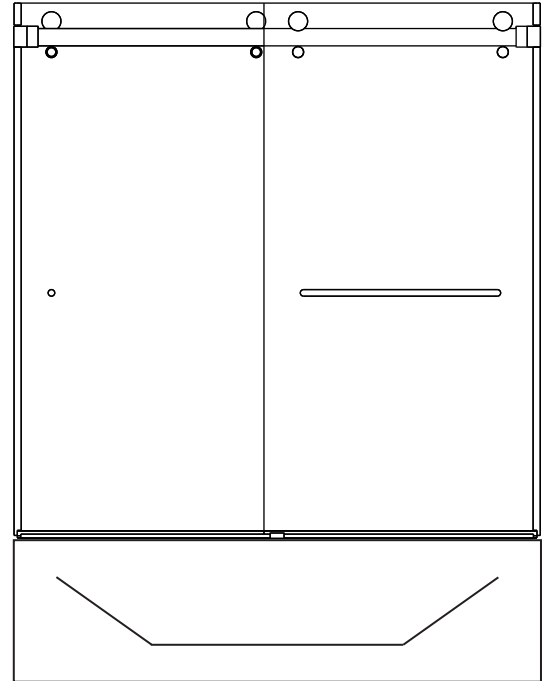
3/8" Door Models: **NBSE/NBTE or LBSE/LBTE**

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



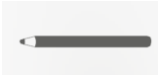
NBTE/LBTE

NOTE:

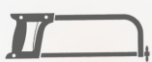
- Installation procedures are the same for tub or shower height units
- The images in this manual show an arrangement with the showerhead to the left. The same instructions apply for the opposite orientation where the examples would be reversed.

Required Tools

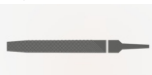
- * Pencil or water soluble felt pen



- * 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
rev061920

READ ENTIRE MANUAL BEFORE INSTALLATION AND OPERATION

Warnings and General Shower Door Information



**SAFETY
WARNINGS:**



READ AND FOLLOW INSTRUCTIONS: Failure to follow all instructions, warnings and guidelines may result in serious injury or death, may cause water damage, and will void the terms of your warranty.

General Safety and Installation Policies

Before Installation:

- **Proper Size:** Ensure the enclosure is the proper size for your opening prior to beginning installation.
- **Safe Installation:** Some units may require two or more people to safely install the enclosure properly.
- **Packaging:** It is recommended to retain all packaging and other materials until installation is complete in the event of a return.
- **Inspect:** Installer should inventory all parts or components and inspect them for damage prior to beginning installation.
- **Sharp Edges:** 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.
- **Safety equipment and tools:** Have all necessary safety equipment (glasses and gloves) and proper tools for the installation. The installer is responsible for determining the correct drill bit(s) for the installation.
- **New Tile:** We recommend that you allow at least 2 days (48 hours) for the tile cement and grout to dry before installing enclosure.

During Installation



- **Proper backing:** Shower doors are heavy. Therefore, glazing channels, fillers, hinges and headers blocks (structural components) should be secured to studs or solid backing beneath the tile or decorative substrate. Fasteners should screw directly into the backing. Wall anchors are provided primarily to separate screws from tile to reduce the possibility of cracking.

- **Tempered glass:** Glass can break. Shower door panels are tempered to ASTM C1048 specifications as required by building codes. Glass is tempered to greatly increase its strength and to make it fragment into smaller and lighter pieces reducing the possibility of injury in the event that the glass does break. Tempered glass will break and may cause bodily injury if you attempt to cut, drill, mill or alter it in any way. Care must be taken when handling tempered glass. Pay special attention to protect all edges of the glass from contact with hard surfaces.

- **Horizontal surfaces and installation holes:** Avoid drilling into the horizontal surfaces of tubs or showers unless it is required for the structural integrity of the unit. If you drill into horizontal surfaces, always generously caulk the holes, anchors, screws and on top of the screw head. If this is not done, or is done improperly, water damage can occur under the tile or substrate.

- **Weep holes in horizontal channels:** Drilling 3/8" weep holes on the inside of horizontal channels is recommended to allow any moisture build-up inside a channel to exit the channel. Due to varying installation conditions and installer's/owner's personal preference, however, we do not drill them in the factory.

- **Sliding and swinging glass doors:** A door may be improperly installed if it hits or scrapes against bathroom obstructions (toilets or cabinets) or any metal or glass components of the shower door itself. This could lead to glass breakage or serious injury. The installer must correct the deficiencies before allowing the door to be used.

- **Surface conditions:** Most shower door designs allow for out-of-square or unlevel installation. Generally, any outage more than 3/8" that was not identified during the ordering process is outside of these allowances and can result in an improper installation.

Caulking/Siliconing the Unit:

- Always clean all contact surfaces before caulking and use a high grade 100% silicone for best results.
- After installation, at a minimum, caulk the entire outside perimeter of the unit where the unit touches walls, sills, and step-ups, etc. Also caulk any vertical joints between metal components where water build-up inside of the channels could leak out.

After Installation:

- **Curing times:** Adhere to manufacturers' recommended curing times for VHB tapes, silicones and any other adhesives, coatings or chemicals used during installation. Unless otherwise stated, it is recommended to wait 72 hours before using the enclosure.
- **Normal wear and tear:** Although these enclosures are designed to last for years, certain items (such as the polycarbonate seals and door sweeps) may need to be replaced as they show signs of aging and wear.

General Disclaimers

- **Shower Doors are not watertight:** Consumers should understand that a shower door is not watertight. The amount of water that can escape your shower can vary greatly based on shower/tub size, configuration of shower head(s), type of thresholds and drains and by the type of shower door itself. Heavy glass units with no or limited vinyl seals, for example, can allow water to escape under normal conditions. Doors with more metal and seals generally provide more water protection. Excessive water pressure or directing shower heads or hand held sprays directly at doors or joints is not a normal shower conditions and can result in leaks.

- **Towel bars, handles and 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 operation or enhance the esthetics and functionality of the unit.

Owners Manual:

Refer to your Owners Manual for general installation and cleaning and care instructions. If a copy of the Owners Manual was not included, you can download one on the RESOURCES page of our website.

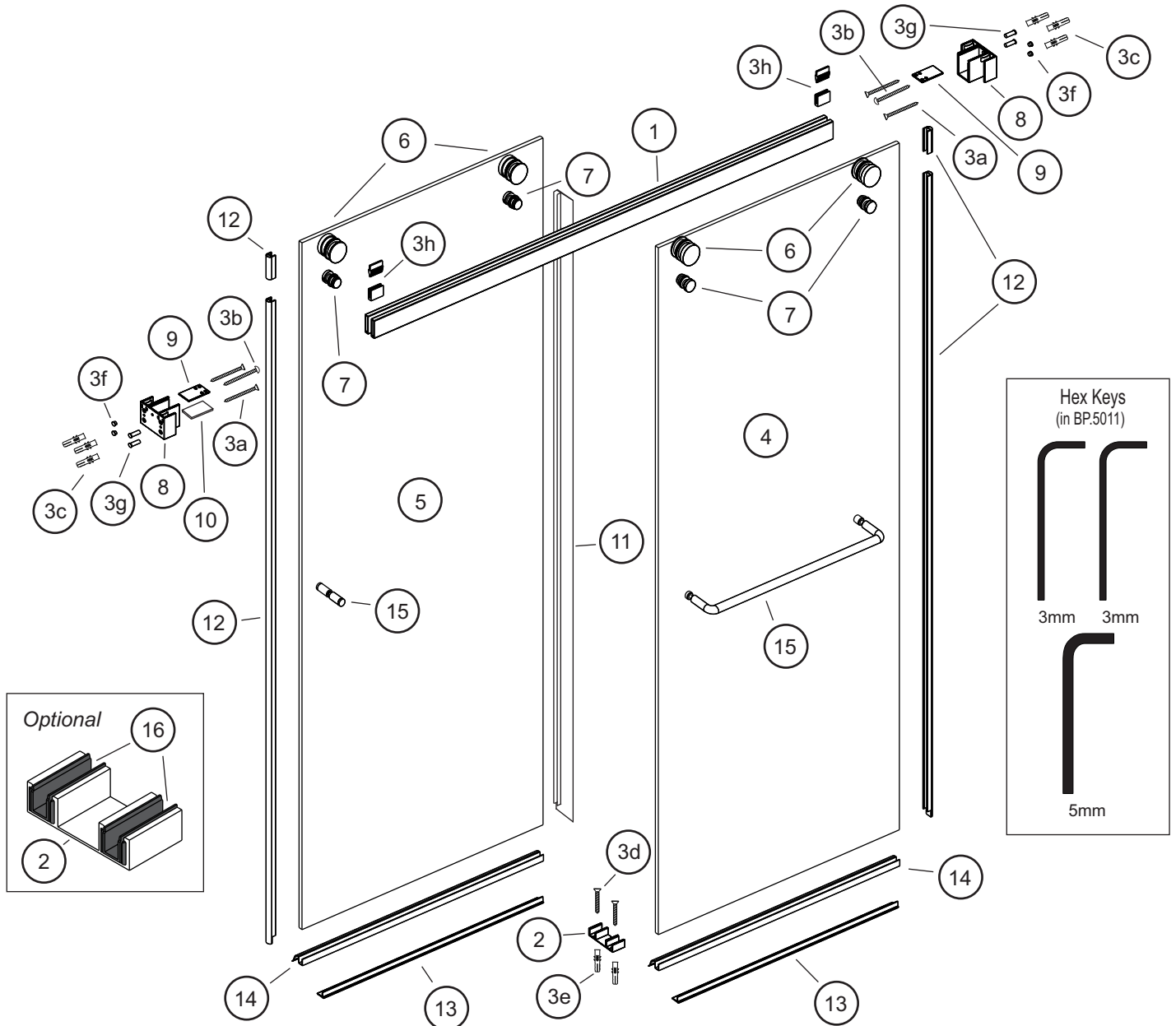
Questions or Comments:

1-800-843-3332

Parts Diagram for NBSE, NBTE, LBSE or LBTE

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

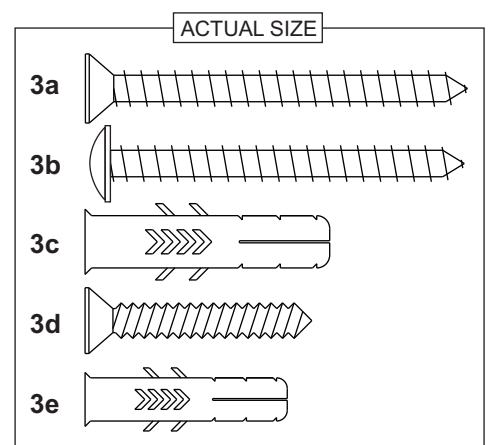
Page 3



Parts List

ITEM	PART #	DESCRIPTION	QTY
1	HA.3230	59 1/2" Bar Header *	1
2	HA.3212	Center Guide	1
3	BP.5011	Part Bag	1
3a	in BP.5011	M5 X 60mm FHPH Screw	6
3b	in BP.5011	M5 X 60mm THPH Screw	3
3c	in BP.5011	M5 Wall Anchor	9
3d	in BP.5011	M4 X 30mm FHPH Screw	3
3e	in BP.5011	M4 Wall Anchor	3
3f	in BP.5011	7mm Stopper	5
3g	in BP.5011	30mm Stopper	5
3h	in BP.5011	Header Wedge Stabilizer	2
Not Shown	in BP.5011	M6-1.0X5mm Set Screw	4
Not Shown	in BP.5011	Pinch Clips	2

ITEM	PART #	DESCRIPTION	QTY
4	3/8" Glass	Outside Panel	1
5	3/8" 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
16	HA.3215	Center Guide Insert	2



Extra screws and parts may be provided for your convenience

*If bar is longer than 59 1/2", the Part Number is HA.3231

Installation Instructions

All Models

Page 4

READ
FIRST

Anchors and Screws:

When drilling, anchoring or screwing into a vertical, horizontal or sloped surface of a tub, shower, wall or ceiling, follow these steps otherwise **moisture damage can occur**:

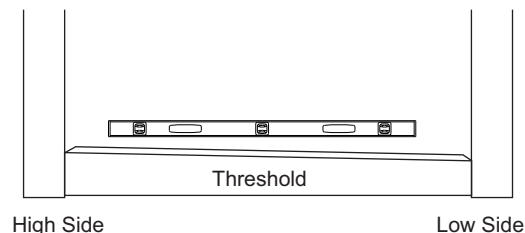
1. Drill hole and evacuate all debris
2. Insert silicone into the hole
3. If using an anchor:
 - a. Insert anchor (cut anchor shoulder off if it interferes with part being attached)
 - b. Insert silicone into anchor and any open gaps
4. Position part over hole/anchor, insert screw and tighten
5. Apply silicone around diameter of screw head and over the top of the screw

READ
FIRST

STEP 1 - EVALUATE THRESHOLD

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

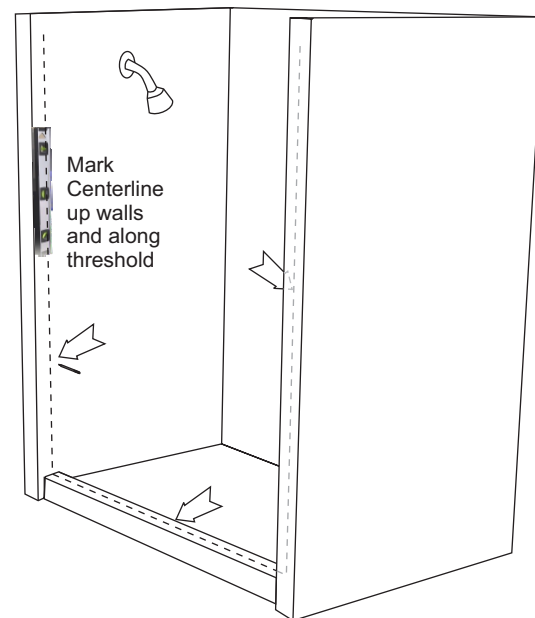
Illustration #1



STEP 2 - CENTERLINE

- a. To ensure proper placement of the unit, familiarized yourself with the information on Page 12.
- b. Mark the location of the center of the threshold.
- c. Draw overall unit centerline on threshold and walls. A laser or plumb-bob is handy to determine and mark the centerline.
- d. 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

- a. Measure height of glass panels: _____
- b. Subtract 4 9/16" from this measurement: _____
- c. This is the height from the threshold to the bottom of the Header Block in the following step.

STEP 4 - MOUNT FIRST HEADER BLOCK

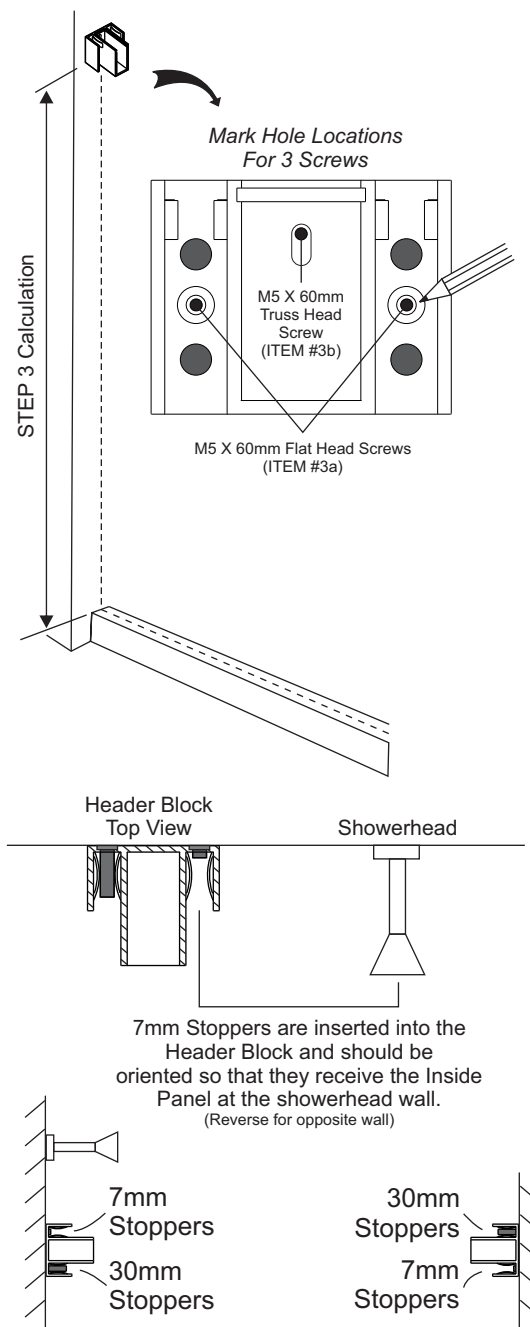
- Lean the inner glass panel against the inside back wall of the shower. Be sure to place cardboard or a soft material between the glass and the floor.
- Use measurement from STEP 3 and mark this distance up the high-side wall along the centerline. This is the location of the **BOTTOM** of the Header 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 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.

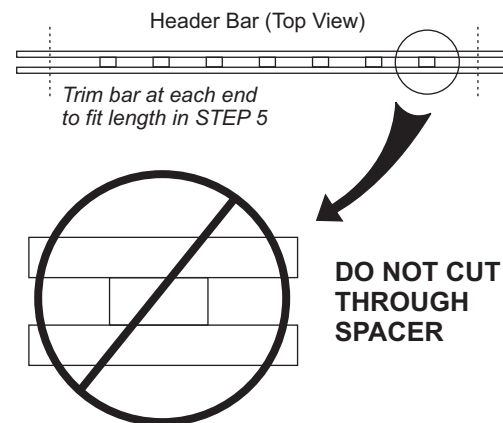
Illustration #3



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 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



Installation Instructions

All Models

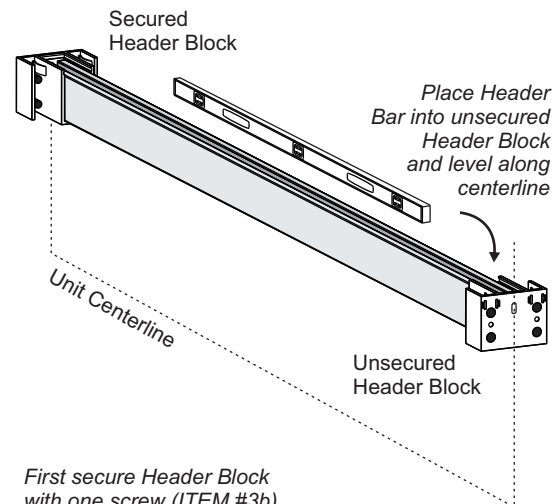
Page 6

STEP 6 - SECURE SECOND HEADER BLOCK

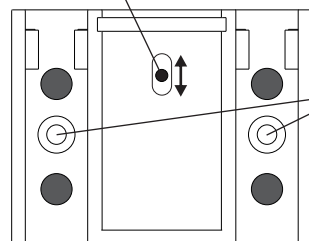
NOTE: Assistance is recommended for this step.

- 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 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 1/4" drill bit and insert M5 Wall Anchors.
- Secure the Header Block with two M5 X 60mm FHPH Screws.

Illustration #5



First secure Header Block with one screw (ITEM #3b). Use the slot to adjust the height until the Header Bar is level.

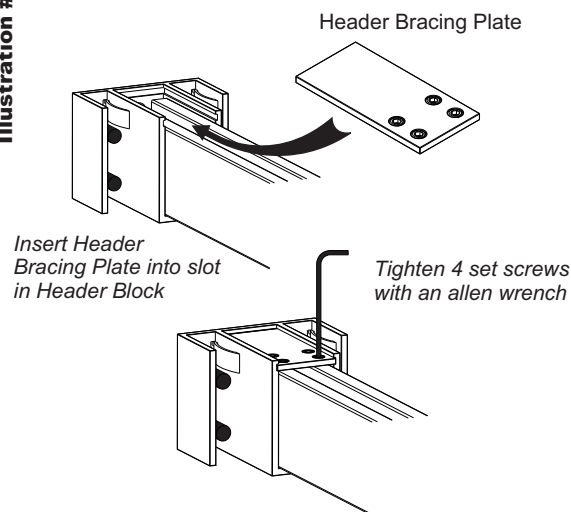


Once level, use two screws (ITEM #3a) in the outer holes to fully secure the Header Block to the wall.

STEP 7 - SECURE HEADER BAR

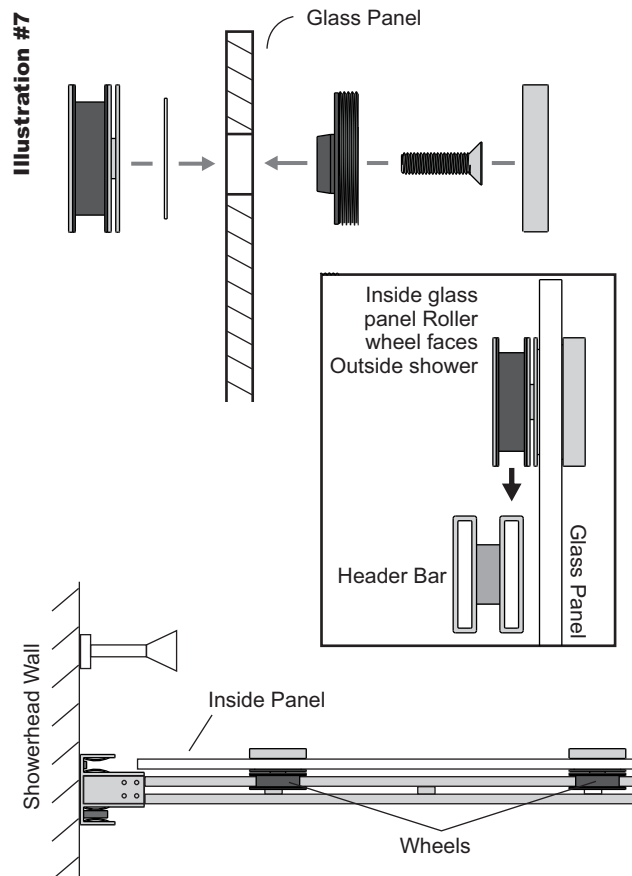
- Insert the Header Bar back into the cavities of the Header Blocks. So the spacing from the end of the bar to the wall is approximately the same at each end.
- Refer to Page 11 for instructions on how to install the optional Header Wedge Stabilizers.
- Insert the Header Bracing Plates in the Header Blocks. Tighten set screws with the supplied hex wrench.

Illustration #6



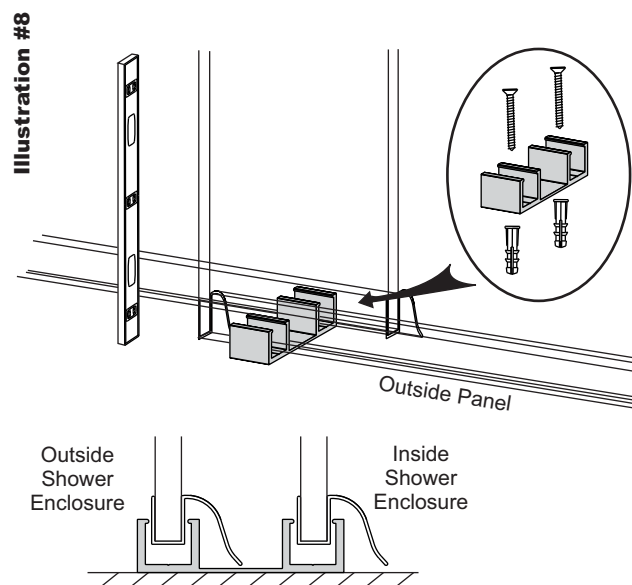
STEP 8 - INSTALL SLIDING PANELS

- 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.
- Using Bottom Sweeps (ITEM #14) provides maximum water protection.
**** If water protection is not as important, you can eliminate the vinyl and use plastic inserts (ITEM #16) and fit them into the Center Guide as shown at the bottom of Illustration #8.****
Otherwise, trim two pieces of the Bottom Sweep 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 and install the other Bottom Sweep using the same procedure as above. The wheels and the tail of the vinyl should be oriented to the inside of the shower.
- Hang Outside Panel on the outer rail of the Header Bar

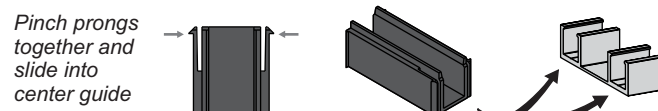


STEP 9 - INSTALL CENTER GUIDE

- 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.
- Reread note on **Horizontal surfaces and installation holes** on Page 2 of this manual and **Read First - Anchors and Screws** instructions on Page 4.
- 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.
- Fill anchors with silicone.
- 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.



NOTE: The above method provides maximum water protection, but if it is preferred to remove the bottom sweeps then two plastic center guide inserts must be used to protect the glass panels.



Installation Instructions

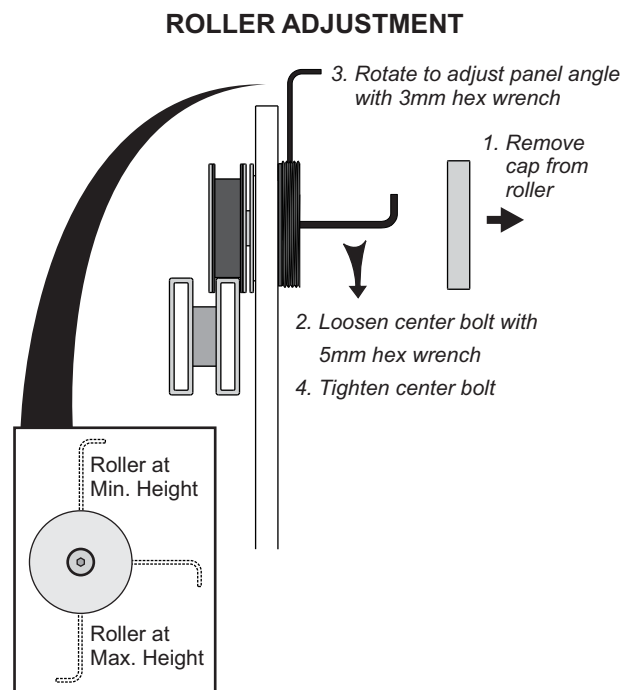
All Models

Page 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 until the panels are level.

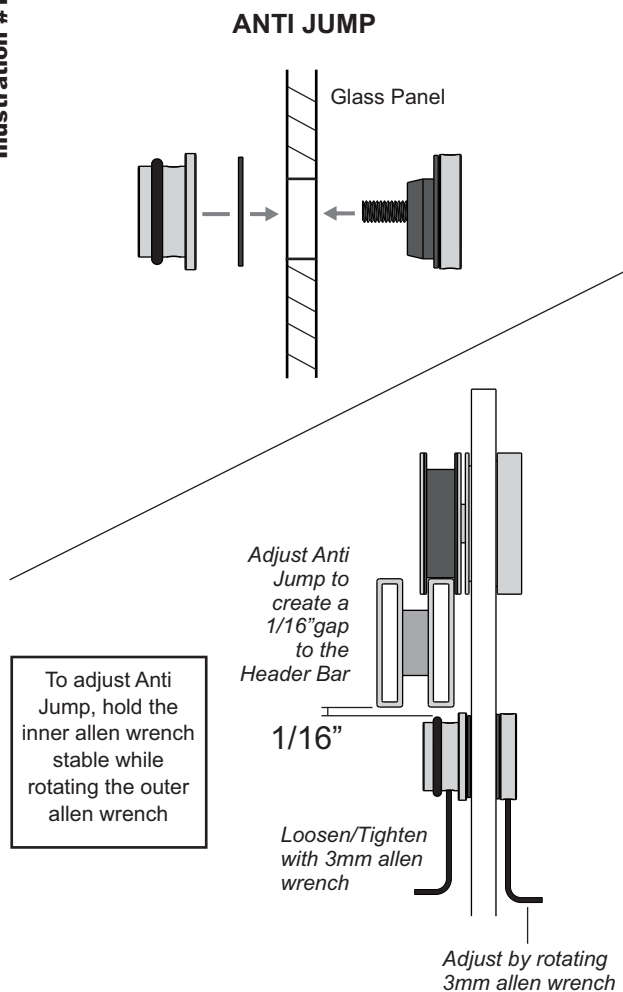
Illustration #9



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.

Illustration #10



Installation Instructions

All Models

Page 9

STEP 12 - INSTALL TOWEL BAR, PULLS, AND VINYL

- a. 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.

- b. If there are gaps between the Bulb Seal and the wall due to uneven wall conditions, the Rollers can be adjusted to angle the glass panels parallel with the wall. This will help maximize the water protection. See Illustration #9 for instructions on Roller adjustment.

- c. 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 inner 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.

- d. Disassemble the Tower Bar and reassemble it in place on the outer glass panel. See below (Illustration #12) for proper sequence.
- e. Disassemble the Knob and reassemble it in place on the inner glass panel.
- f. 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.

Illustration #11

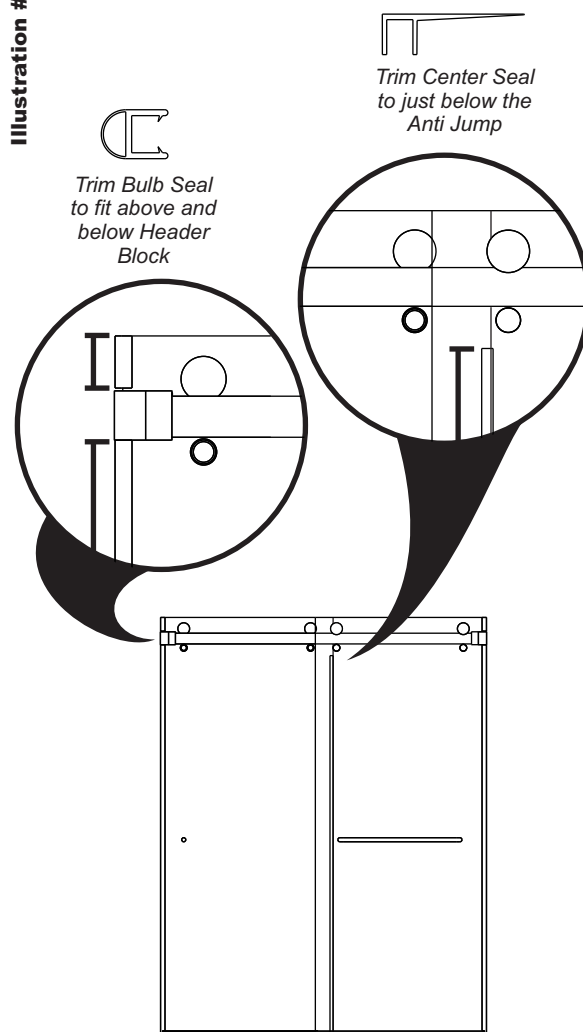
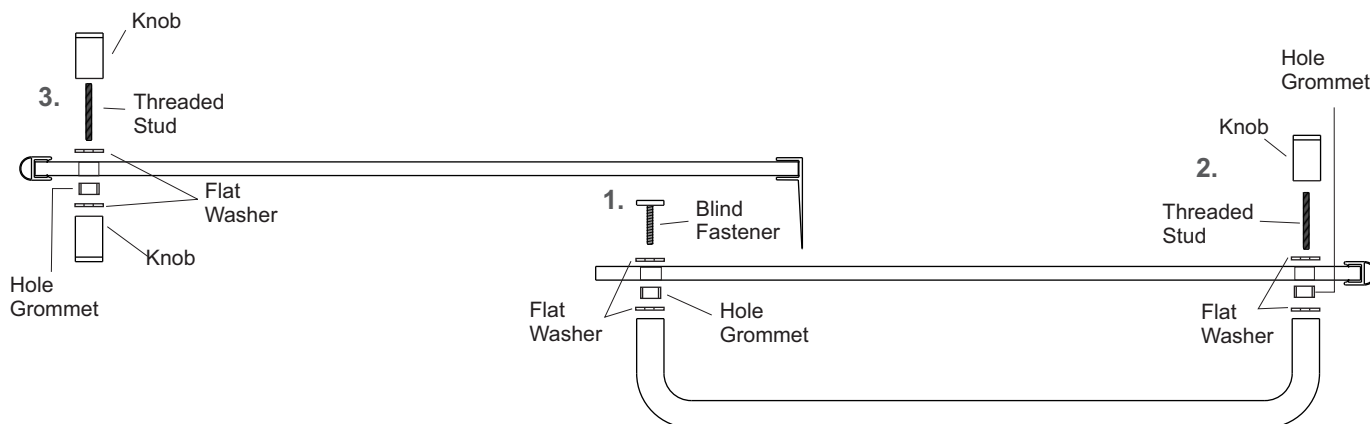


Illustration #12



Installation Instructions

All Models

Page 10

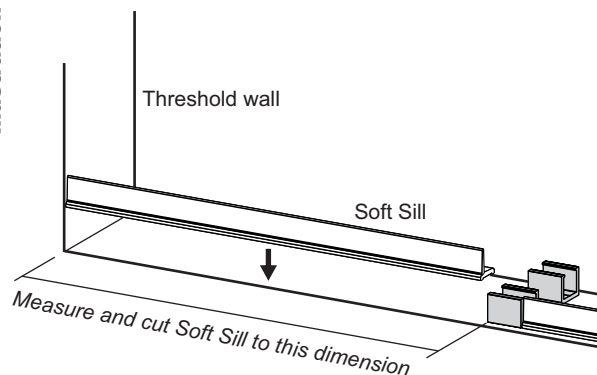
STEP 13 - INSTALL SOFT SILL

- 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 the second piece of Soft Sill.

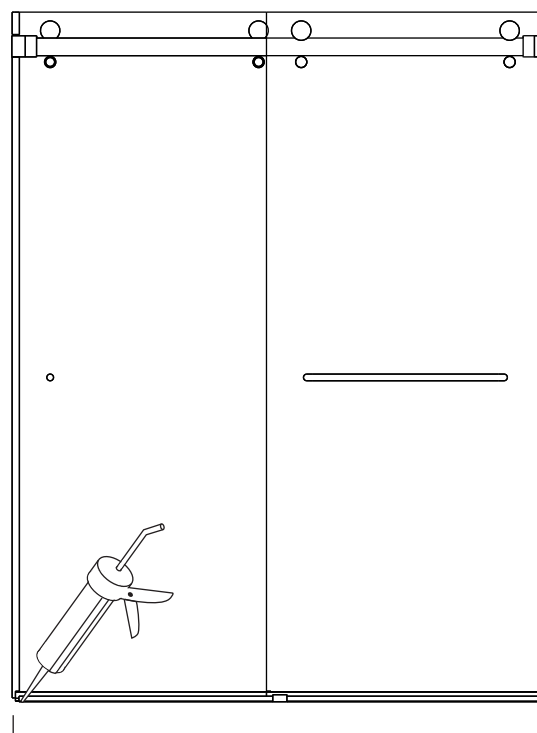
Illustration #13



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.

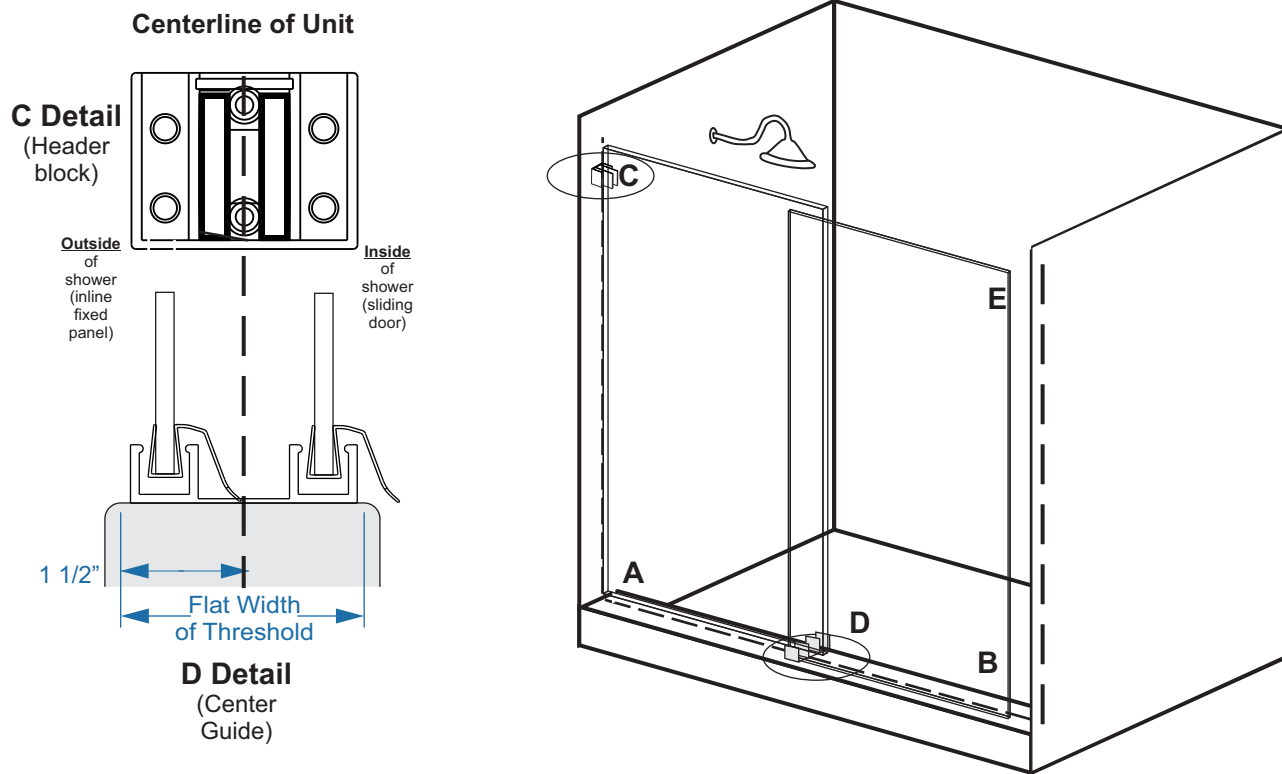
Illustration #14



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

Placement and Measuring Guide for NBSE/NBTE or LBSE/LBTE Bypass Slider

Page 11



Threshold Centerline (A to B)

- The "flat width" of the threshold does not including rounded edges
 - Measure 1 1/2" from front to back of the flat to locate the Centerline of the unit.
- Draw this line from A to B.

Vertical Centerline (A to C)

- Using a level, extend the Threshold Centerline vertically up Both walls
- Note the Header Block is installed on these centerlines (Detail C & E)

Center Guide (Detail D)

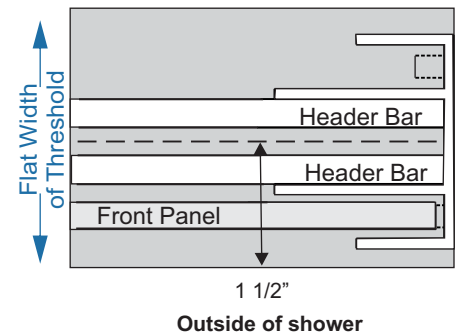
- The center guide will extend approximately 1 1/2" in front of the Threshold Centerline (A to B). This can deviate somewhat due to adjustments made during installation.

- **Alternate D Detail:** If the "flat" is less than approximately 3 1/16", the center guide may hang over the back. This is common for many molded shower pans. It can prohibit you from using both screws and anchors to secure the center guide. Use one screw and anchor and high quality VHB tape and silicone to secure the center guide as shown to the right

How to Measure:

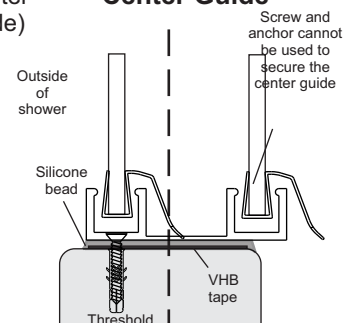
- To provide proper Threshold dimension, measure from A to B. Use a level to check conditions. There should be no more than 1/4" deviation from A to B
- Measure the desired or standard height of your unit along A to B.

B Detail

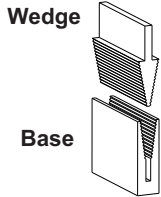


Alternate D Detail (Center Guide)

Overhanging Center Guide

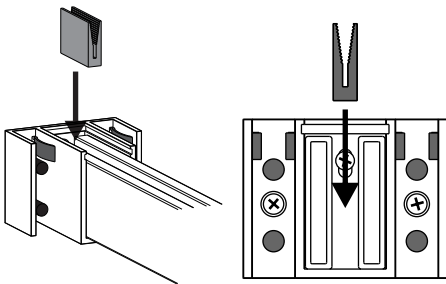


Optional: HA.3208 Header Wedge Stabilizer

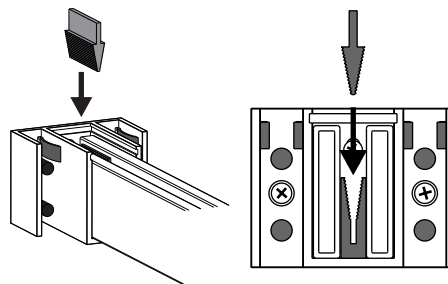


The Header Wedge Stabilizer consists of a Base and a Wedge. It is an optional accessory that can be used:

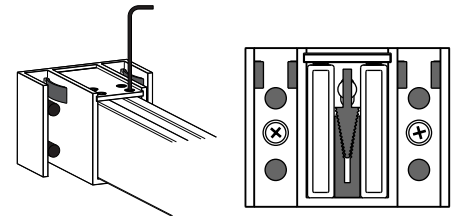
- If the ends of the header bar rails are bowed inwards and are loose against the sides of the header block.
- To help reduce roller noise and potential distortion of the header bar.



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.