



ENIGMA-X enclosure

SHOWER ENCLOSURE INSTALLATION INSTRUCTIONS

IMPORTANT

DreamLine™ reserves the right to alter, modify or redesign products at any time without prior notice. For the latest up-to-date technical drawings, manuals or any other details please refer to your model's web page on BathAuthority.com

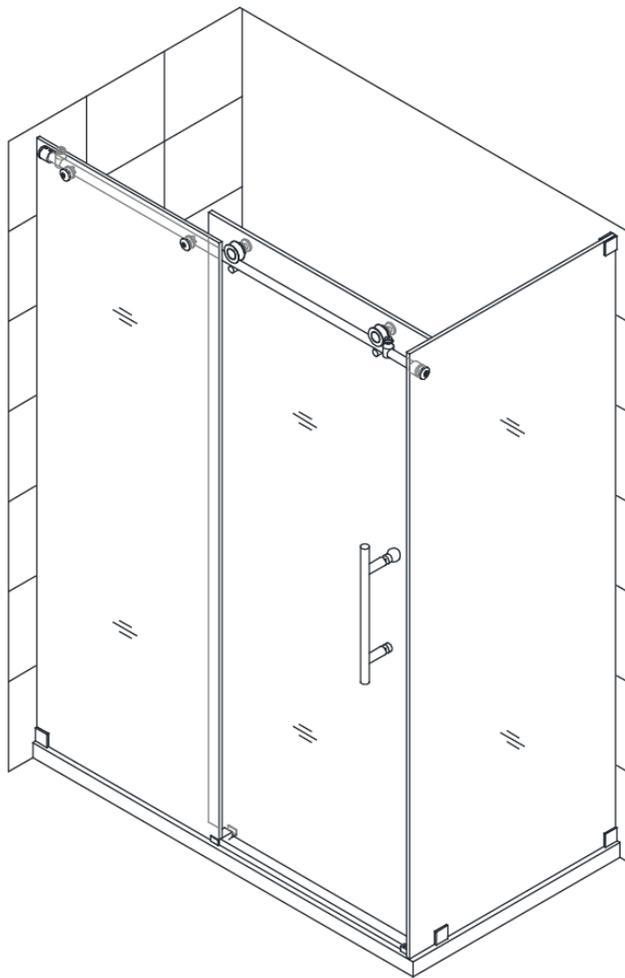
Model #s:

SHEN-6134480-07, 08

SHEN-6134600-07, 08

-07 = Brushed Stainless Steel

-08 = Polished Stainless Steel



Right hand installation shown

Please read these instructions carefully before installing. If you have any questions regarding installation, please contact our technical support specialists Monday through Friday 8:00 AM – 7:00 PM EST at Phone: [1-866-731-2244](tel:1-866-731-2244), Fax: [1-866-857-3638](tel:1-866-857-3638) or e-mail our technical support group at Support@BathAuthority.com

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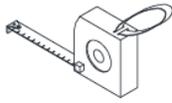
Preparation

1. Prior to installation, examine all boxes and packages for shipping damage and compare the piece count with your packing slip. After opening all boxes and packages read this introduction carefully. Check that all of the needed parts are included in the package by checking off the components on the "Detailed Diagram of Shower Door Components". If the unit has been damaged, has a finishing defect, or has missing parts, please contact our customer support department within **3 business days** of the delivery date. Please note that **DreamLine™ will not replace any damaged products or missing parts free of charge after 3 business days or if the product has been installed.** Feel free to contact DreamLine™ if you have any questions, and please provide an order number, job name or other proof of purchase to help us identify your original order.
2. **Please note that you should consult your local building codes with questions about installation compliance standards. Building and plumbing codes may vary by location, and DreamLine is not responsible for code compliance standards for your project and will not accept any returns.**
3. Please make sure that prior to beginning the installation, the surfaces are leveled and solid and will be able to support the total weight of the unit. Also make sure the walls are at right angles. Irregular installation surface level, radius corners or improper angle of side walls will result in serious problems for your installation. Please, note that some adjustments and drilling may be necessary during the installation process.
4. This unit must be installed upon a finished threshold and against finished walls.
5. **Please, NOTE! This door does not have out-of-plumb adjustment. Make sure your walls are at right angles.**
6. **This door requires a minimum 2-3/4" wide threshold, base or installation space.**
7. **This model requires that you drill down into the threshold for proper installation.**
8. **Please note that Step #16 calls for installation of the door to the wall using anchors. However, the manufacturer strongly recommends installing these heavy doors to studs or to preinstalled 2x6 wood reinforcements behind the wall to attach the Wall brackets.**

Attention: This door is extremely heavy and requires professional installation.

NOTE: This model is reversible for left or right hand installation. This manual will show the right hand installation with the return panel on the right end. For a left hand installation, simply begin on the opposite wall and reverse the orientation of the parts as necessary.

Tools Required



Tape Measure



Pencil



Phillips Screwdriver



Drill bit (D=3/8")



Drill bit (D=5/16")



Drill bit (D=1/8")



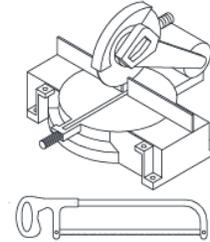
Level



Power Drill



Soft Head Hammer



Miter saw or Hacksaw

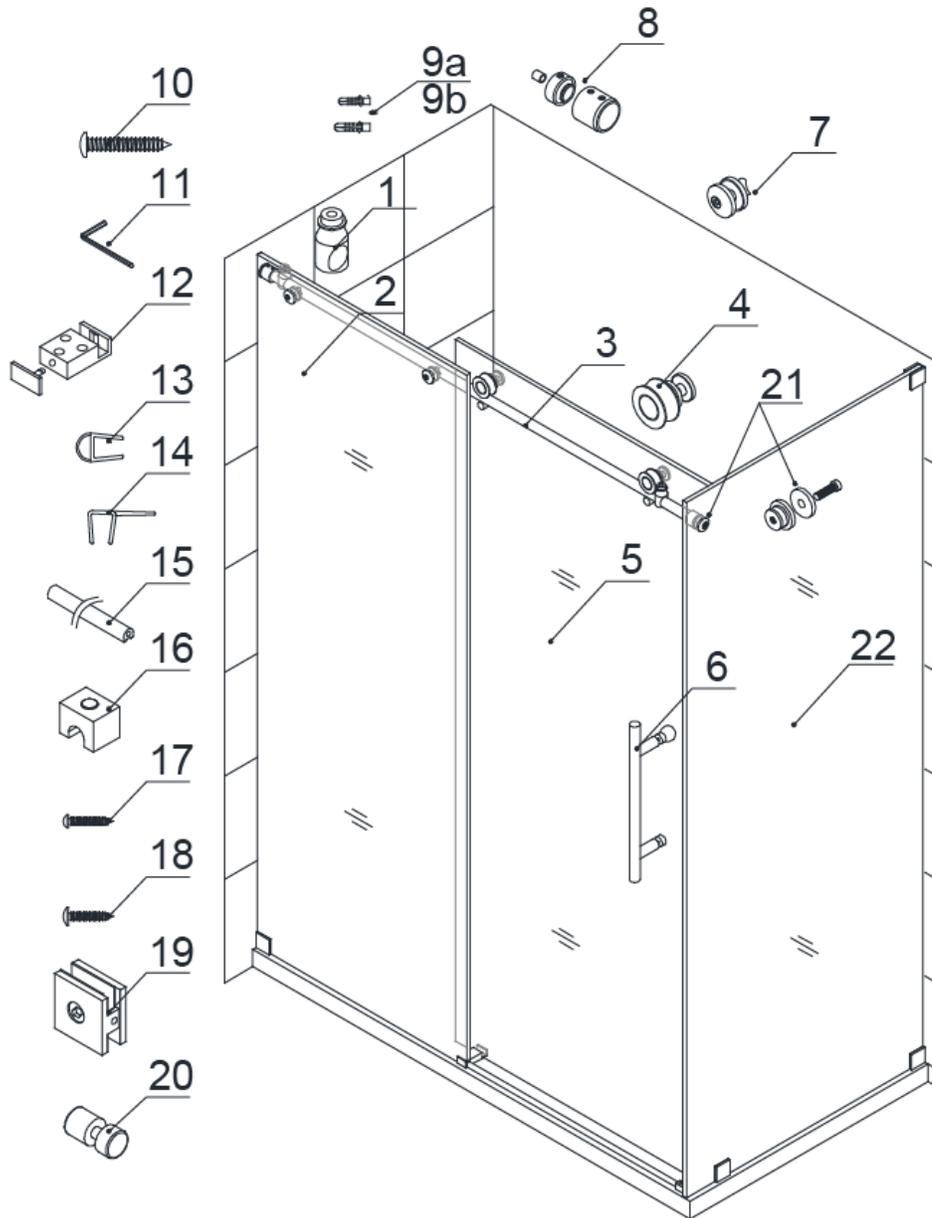


Caulk

NOTE: Unpack your unit carefully and inspect it. Lay it out and identify all parts using the detailed diagram and packing list in your manual as a reference. Before discarding the carton, check for small hardware bags that may have fallen to the bottom of the box. If any parts are damaged or missing, please contact DreamLine™ for replacement. The shipping boxes may contain extra parts not used in your model configuration.

NOTE: Retain these installation instructions for future reference.

Detailed Diagram of Shower Enclosure Components

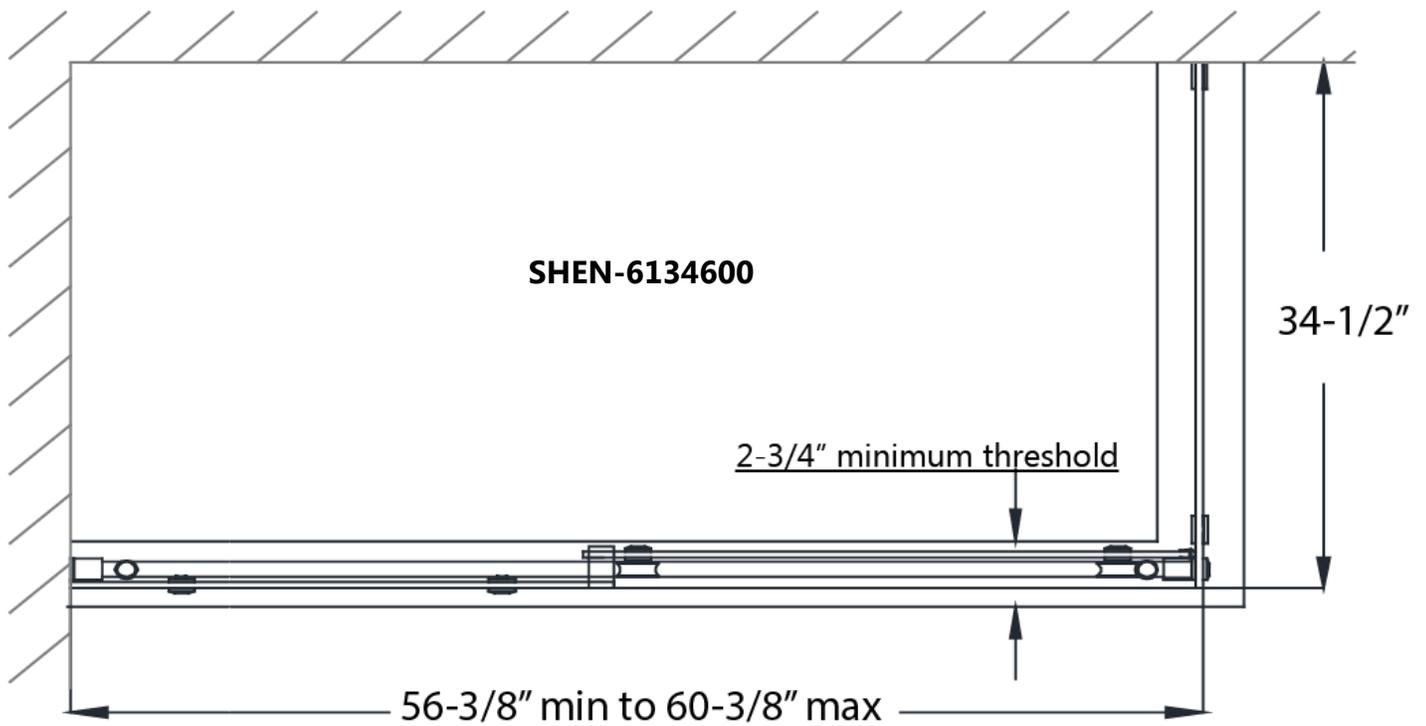
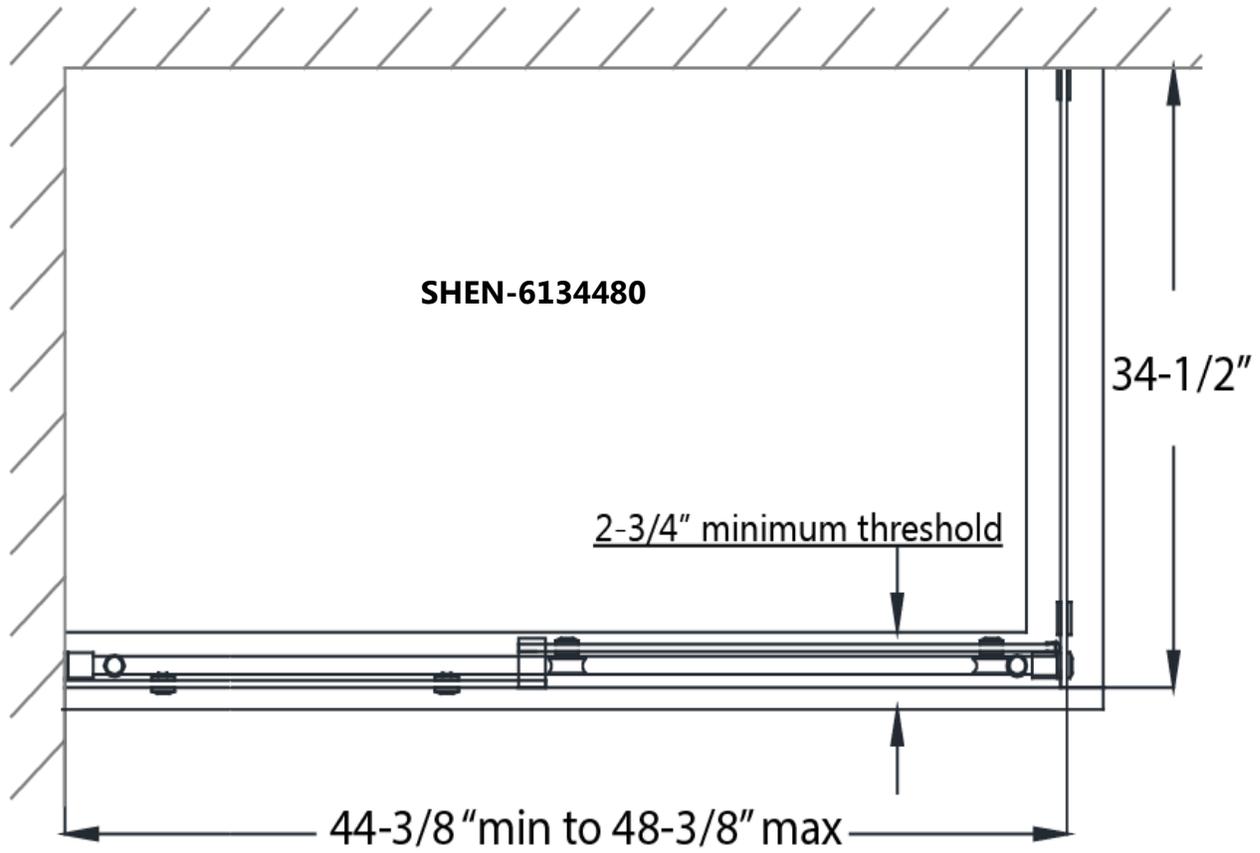


Parts List

PART#	DESCRIPTION	QTY	PART #	DESCRIPTION	QTY
01	Door stopper	2pcs	12	Guide block (with plugs)	1pc
02	Stationary glass	1pc	13	Bumper strip	1pc
03	Upper Guide rail	1pc	14	Anti-water strip	2pcs
04	Roller	2pcs	15	Anti-splash threshold	1pc
05	Glass door	1pc	16	Threshold bracket (with plug)	1pc
06	Handle	1pc	17	Round head screw ST4.2×25	4pcs
07	Glass bracket	2pcs	18	Round head screw ST4.2×55	3pcs
08	Guide rail bracket	2pcs	19	Wall bracket	4pc
09a	Wall anchor Ø 3/8"	1pc	20	Roller guard	2pcs
09b	Wall anchor Ø 5/16"	3pcs	21	Glass Connector	1pc
10	Large Truss head screw ST6×55	1pc	22	Return panel	1pc
11	Hex wrench 3mm, 4mm, 5mm	1set			

Shower Enclosure Plan

OVERALL OUTSIDE DIMENSIONS
OF THE INSTALLED ENCLOSURE



Shower Enclosure Installation

1. This unit requires a **minimum 2-3/4" wide threshold**, shower base, or installation space. Compare the overall outside dimensions of the shower enclosure model size (as shown on the "Shower Enclosure Plan" on page 5) with your finished threshold.

See Fig. 1 for details

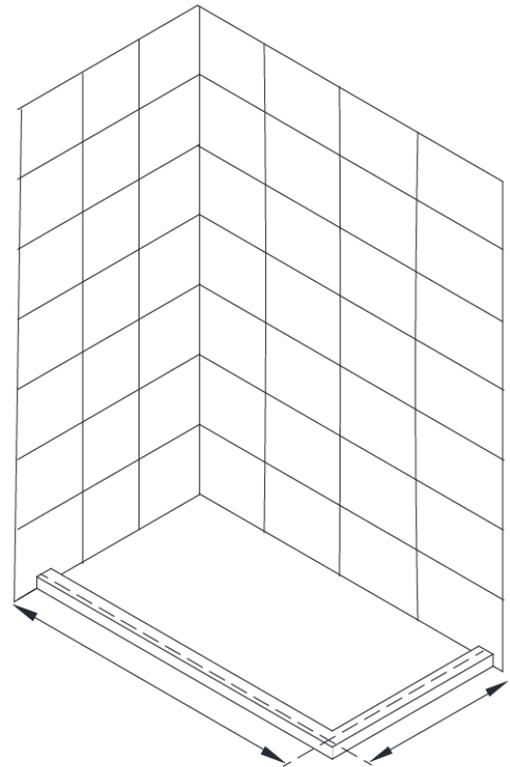


Fig. 1

2. Attach the **Wall brackets (#19)** to the **Return panel (#22)**. The bolt side of the **Wall bracket (#19)** must face inside the shower.

See Fig. 2 and Fig. 3 for details

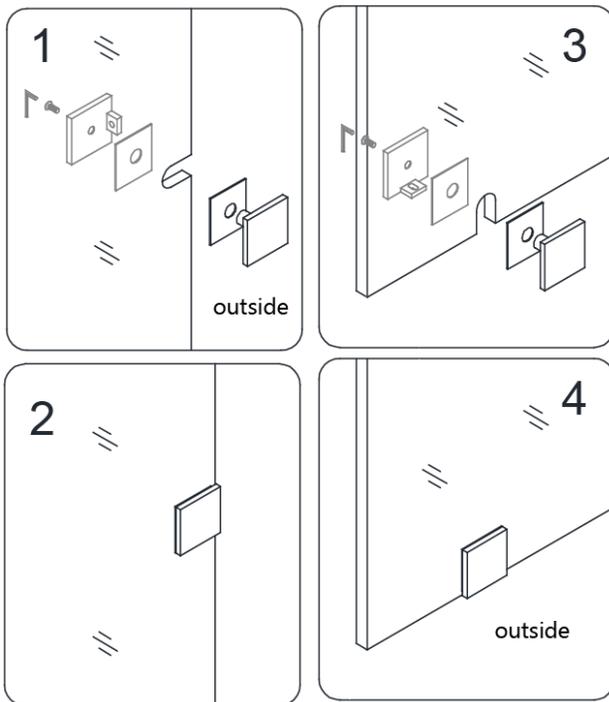


Fig. 2

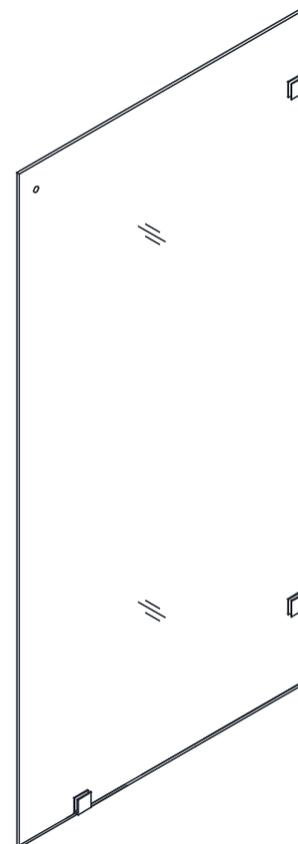


Fig. 3

3. Place the **Return panel (#22)** on the preinstalled shower base or threshold. Position the panel up against the wall and level it vertically. Make sure the **Return panel (#22)** is aligned with the shower base or threshold and will create an opening that is **within the model dimensions** of the door section (<48" (SHEN-6134480) or <60" (SHEN-6134600) depending on the model size).

See the "Shower Enclosure Plan" on page 5 for dimensions.

See Fig. 4 for details

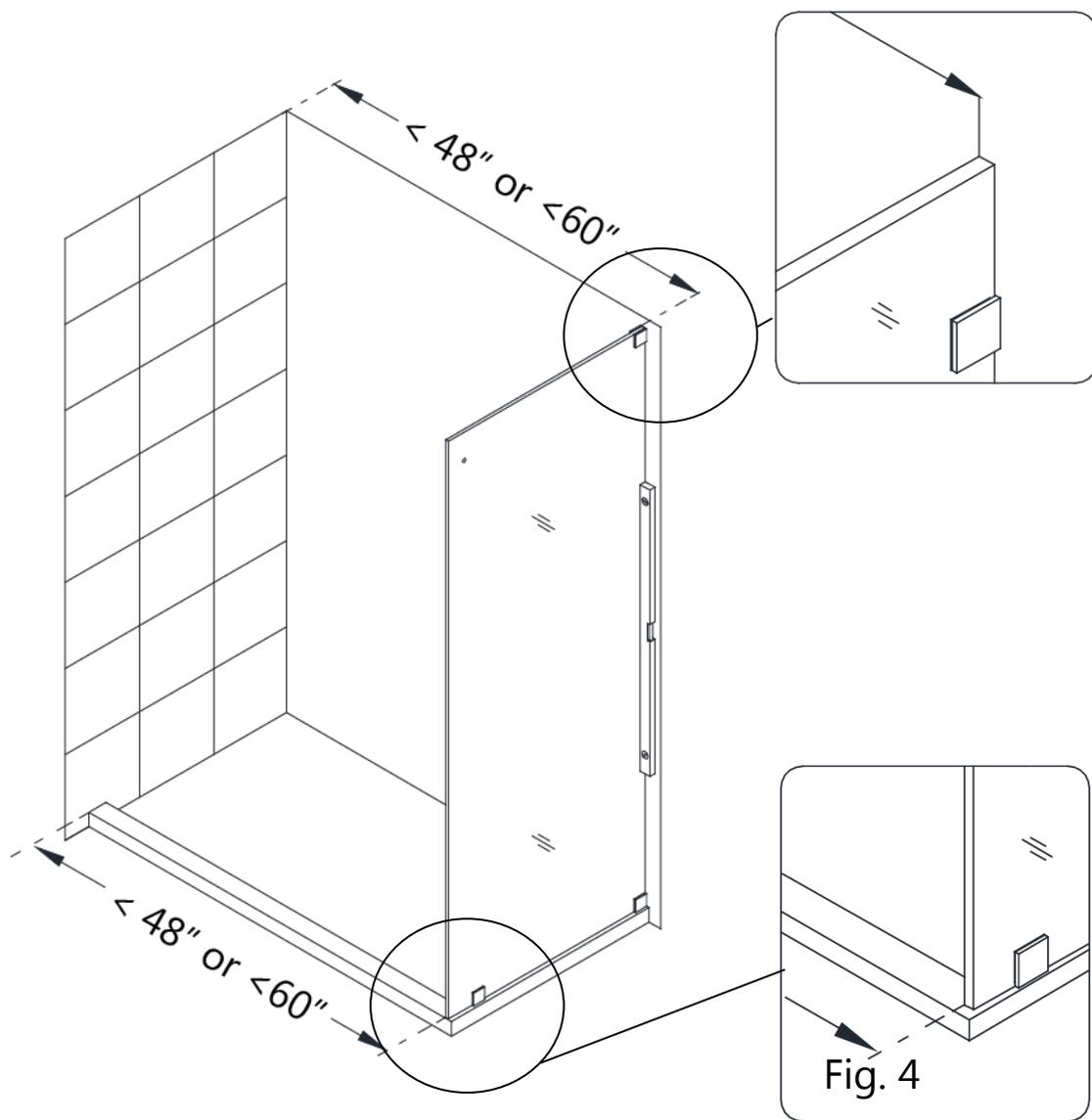


Fig. 4

5. Outline the position of the **Wall brackets (#19)** on the wall and the shower base or threshold.

Carefully set the **Return panel (#22)** aside.

Remove the **Wall brackets (#19)** from the **Return panel (#22)** outlined position mark the drilling holes on the wall.

See Fig. 5 for details

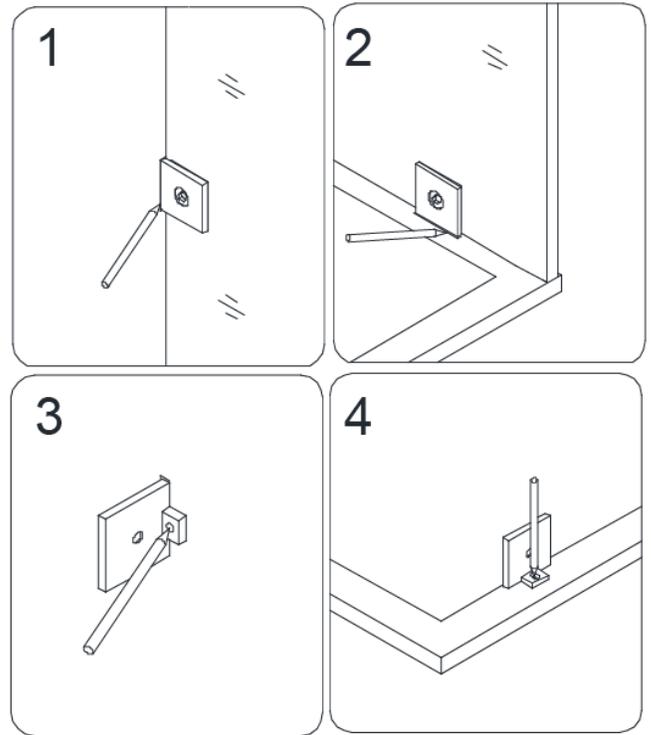


Fig. 5

6. Drill the holes in the wall using a $\text{Ø } 5/16''$ drill bit and insert the **Wall anchors (#9b)** for two of the **Wall brackets (#19)**. Mount the **Wall brackets (#19)** to the wall using the **Round head screw ST4.2×55 (#18)**.

Drill a hole in the shower base or threshold using an $\text{Ø } 1/8''$ drill bit and mount the remaining **Wall bracket (#19)** to the threshold using the **Round head screw ST4.2×25 (#17)**.

See Fig. 6 for details

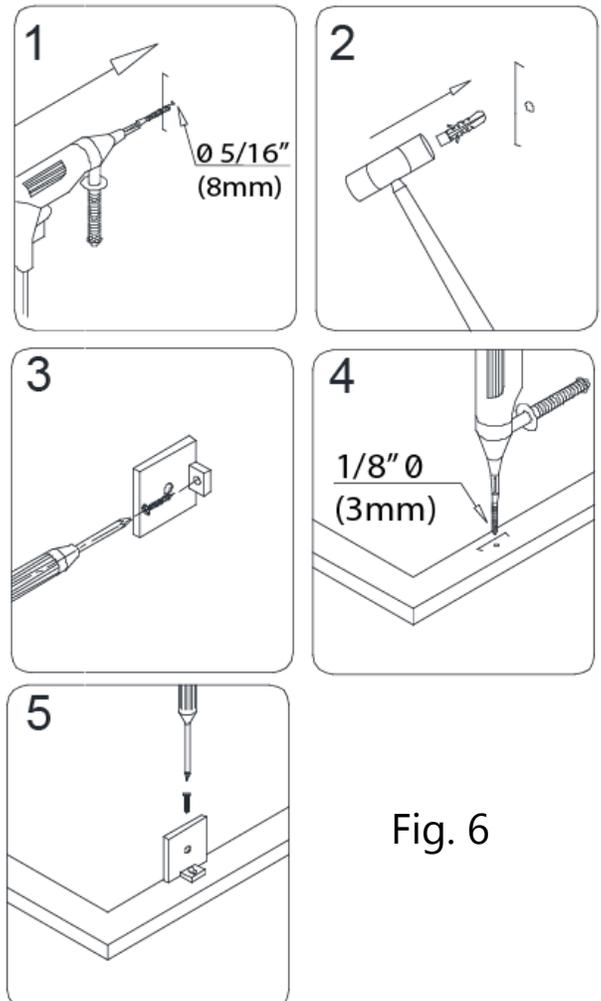


Fig. 6

7. Place the **Return Panel (#22)** back in the designated position and assemble the **Wall brackets (#19)** to the **Return Panel (#22)**.

See Fig. 7 for details

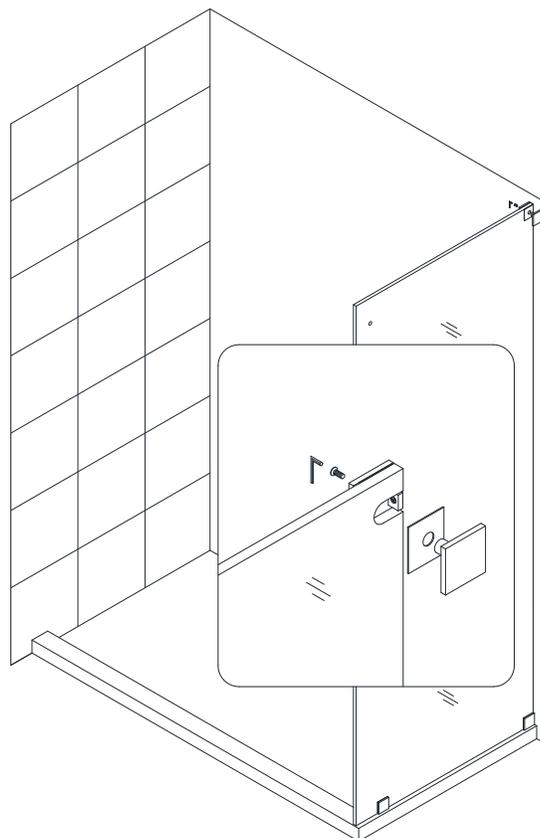


Fig. 7

8. Measure the distance between the finished wall and the internal side of the installed **Return Panel (#22)**.

This distance will represent the finished opening size "**W**" that you will use to calculate your finished cut dimension for the **Upper Guide rail (#03)**.

See Fig. 8 for details

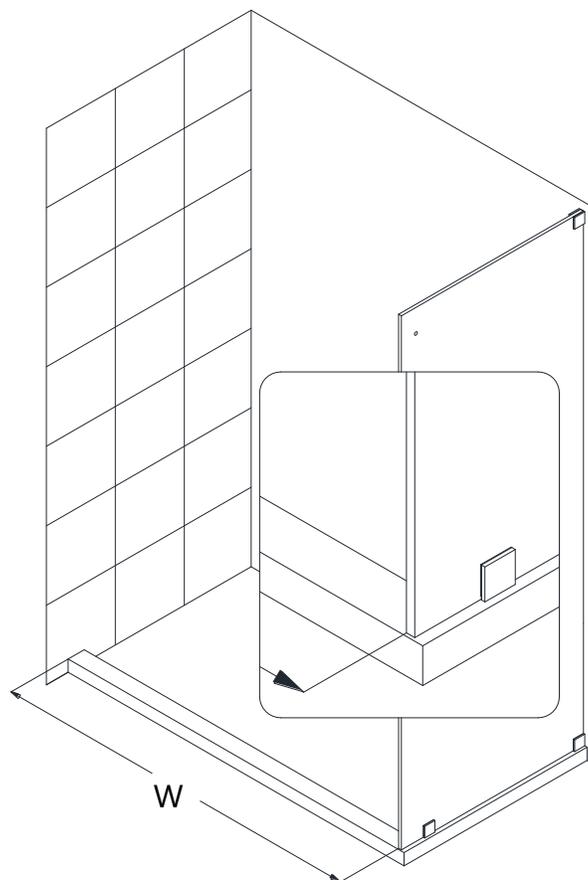


Fig. 8

9. Your **Upper Guide rail (#03)** has been precut for your model width of: 48" or 60" (the actual rail is shorter than the model width by design).

You will need to cut the **Upper Guide rail (#03)** from the door end which is farther from the **Glass bracket (#07)** holes. The length to cut off will be **L**:

Model Width – opening **W** = cut off length **L**

See Fig. 9 for details

FOR EXAMPLE

If your model width is 60" and your finished opening is 58", then you will need to cut 2" off of the rail: Example: **60" – 58" = 2" cut off**

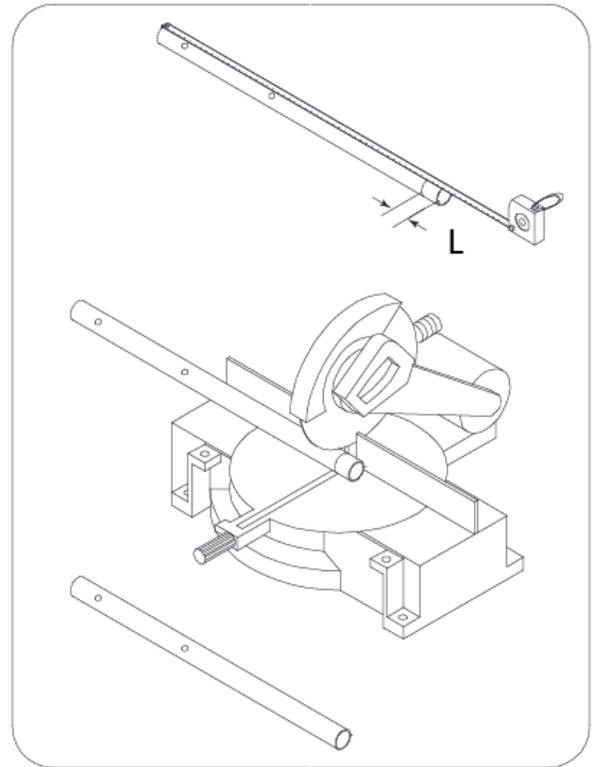


Fig. 9

10. Attach the **Upper guide rail (#03)** to the **Stationary glass (#02)** with the **Glass brackets (#07)** and tighten the screws into the predrilled holes in the **Upper guide rail (#03)**. Rotate the adjustment disks so that the **Upper Guide rail (#03)** is even with the glass. (Fig 10.2) Slide the **Door stoppers (#01)** onto each end of the **Upper guide rail (#03)** and secure them temporarily using the **4mm hex wrench (#11)**. Slide the **Guide Rail brackets (#08)** onto each end of the **Upper guide rail (#03)** and temporarily secure them as well. Next, assemble the **Wall Bracket (#19)** onto the bottom corner of the **Stationary glass (#02)** with the bolt facing into the shower as shown in Fig. 10.5). Use the supplied gaskets to protect the glass.

See Fig. 10 & 11 for details

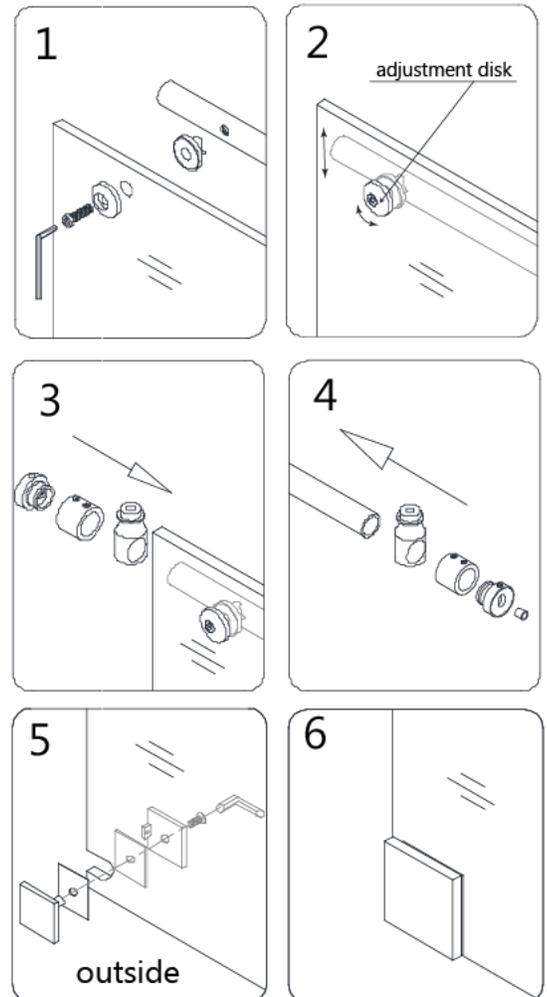


Fig. 10

(Please note that the Stationary Glass needs to be to secured to the outside of the Upper Guide rail)

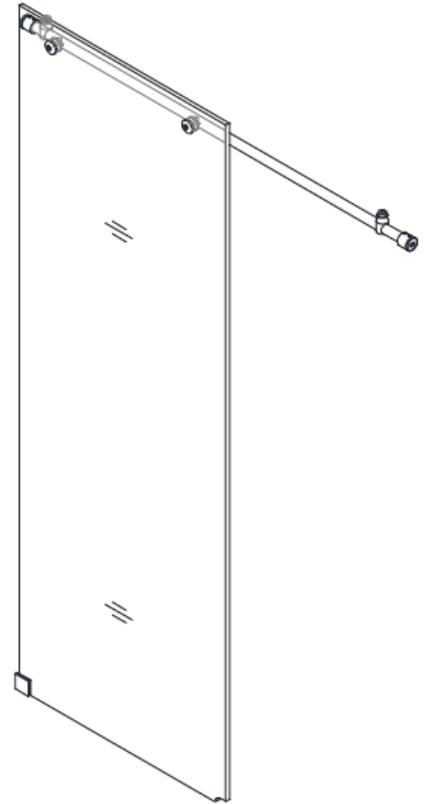
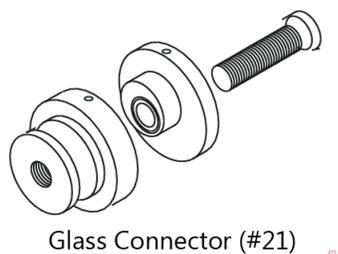


Fig. 11

11. Place the **Stationary glass (#02)** onto the pre-installed shower base or threshold and butt it up against the wall. Temporarily fasten the **Upper Guide Rail (#03)** to the **Return panel (#22)** using the **Glass connector (#21)** and tighten the set screws to secure the guide rail bracket to the glass connector.

See Fig. 12 for details



Glass Connector (#21)

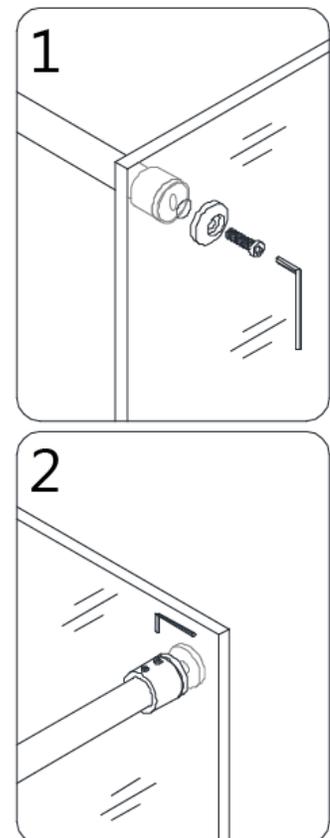


Fig. 12

12. Make sure the **Stationary glass (#02)** and the **Upper Guide rail (#03)** are leveled and aligned with the shower base or the threshold. If a horizontal adjustment is required, adjust the **Glass brackets (#07)**.

See Fig. 13 for details

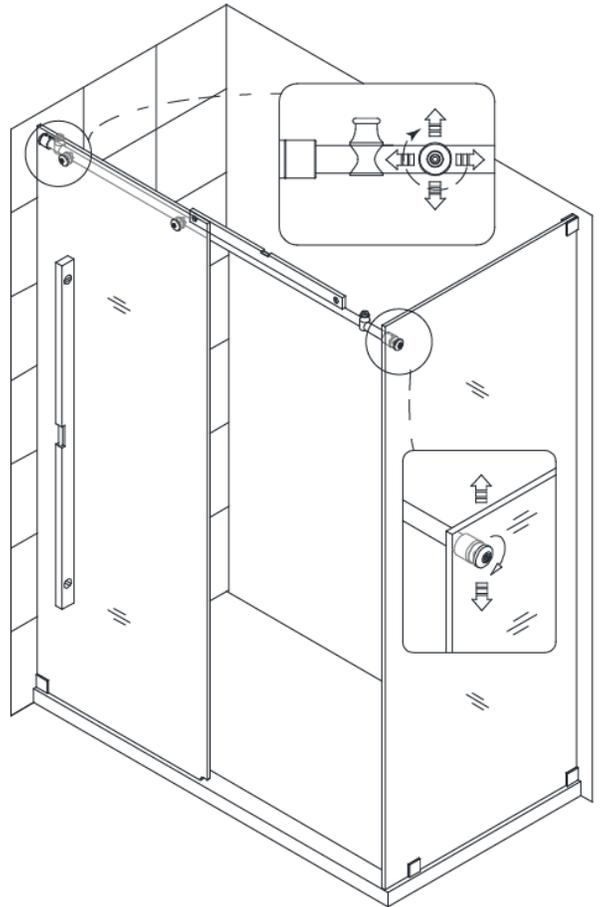


Fig. 13

13. Outline the position of the **Wall bracket (#19)** and the **Guide Rail bracket (#08)** on the wall.

Set the **Stationary glass (#02)** aside.

Remove the **Wall bracket (#19)** from the Stationary glass and the **Guide Rail bracket (#08)** from the **Upper Guide Rail (#03)** and place them back to the outlined positions to mark the drilling holes on the wall.

See Fig. 14 for details

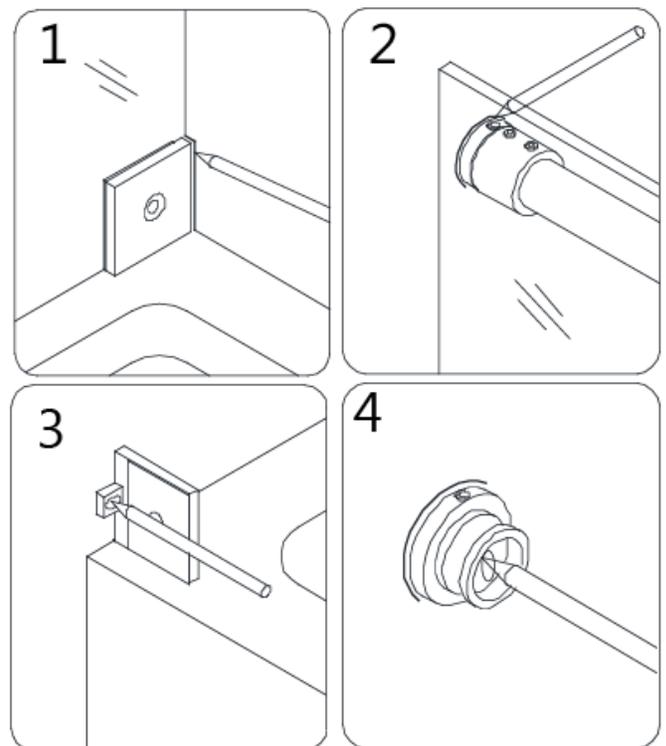


Fig. 14

14. Make sure that your **Stationary glass (#02)** is parallel to the front edge of the threshold. Slide the **Guide Block (#12)** into the notch, and align flush with the end of the stationary glass (Fig 15.2). Mark the holes for drilling. Remove the **Guide Block (#12)** and drill two **Ø 1/8" (3mm)** holes into the threshold. Loosen the set screw and remove the guide block face plate (Fig. 15.3) and attach the **Guide Block (#12)** using two **Pan head screws ST4.2×25**.

See Fig. 15 for details

15. Carefully remove the **Stationary glass (#02)** and the **Upper Guide Rail (#03)** from the opening and prepare to drill the holes to mount the **Guide Rail Brackets (#08)** and **Wall Bracket (#19)**.

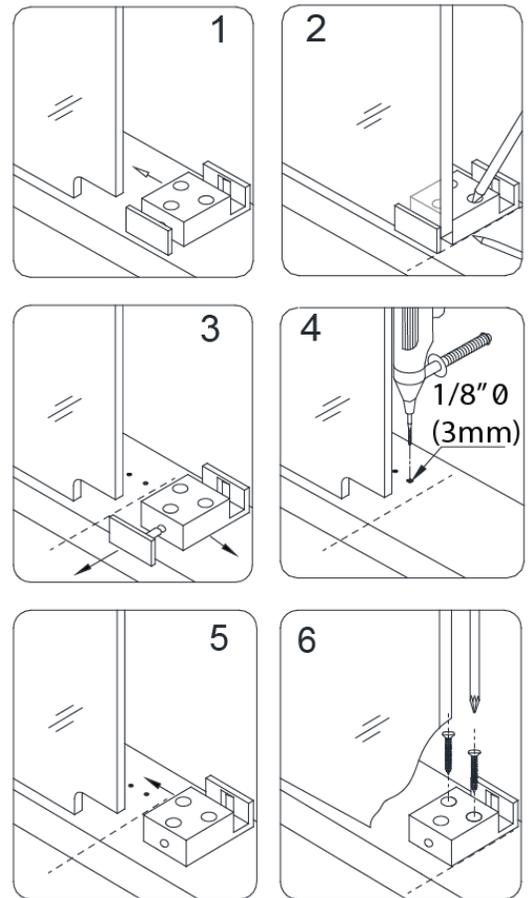


Fig. 15

16. Drill the hole for the **Wall Bracket (#19)** using a **Ø 5/16" (8mm)** drill bit and insert the **Wall anchor (#9b)**. Drill the hole for the **Guide Rail bracket (#08)** using a **Ø 3/8" (10mm)** drill bit and insert the **Wall anchor (#9a)**. Mount the **Wall bracket (#19)** to the wall using the **Round head screw ST4.2×55 (#18)**. Mount the male part of the **Rail bracket (#08)** onto the wall using the **Large Truss head screw ST6×55 (#10)**.

See Fig. 16 for details

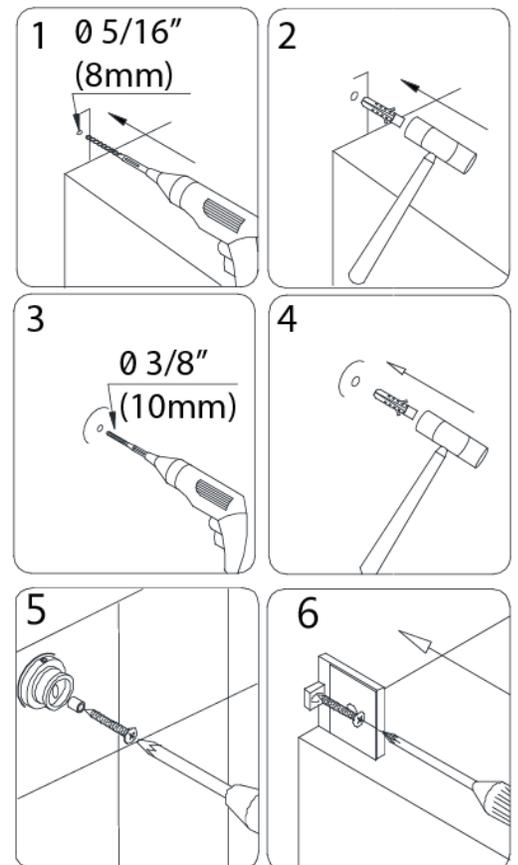


Fig. 16

****NOTE:** The manufacturer strongly recommends installing these guide rail brackets into studs or preinstalled 2x6 wood reinforcements behind the wall.

For installation into a stud, drill a 1/4" hole up to the stud and let the screw bore into the wood.

NOTE: Before you begin the final installation of the **Stationary glass (#02)**, you need to take the **Glass door (#05)** into the shower and lean it against the wall. **Always use padding to protect the glass and shower surfaces.**

Do not attach the handle to the door glass until instructed to do so.

Do not attempt to lift the door glass with the handle as this may result in damage to the glass and/or serious personal injury.

17. Reposition the **Stationary glass (#02)** and **Upper Guide rail (#03)** onto the threshold and fasten the sleeves of the **Guide rail brackets (#08)** to the male brackets attached to the wall and the **Return panel (#22)** (Fig 17.1 & 17.2).

Tighten the set screws on the **Guide rail brackets (#08)** to secure the **Upper guide rail (#03)** between the wall and the **Return panel (#22)**.

Assemble the **Wall bracket (#19)** at the bottom corner of the **Stationary glass (#02)** using the clear vinyl gasket between the glass and the metal parts to avoid damage to the glass. Tighten the bolt with the supplied allen wrench.

See Fig. 17 for details

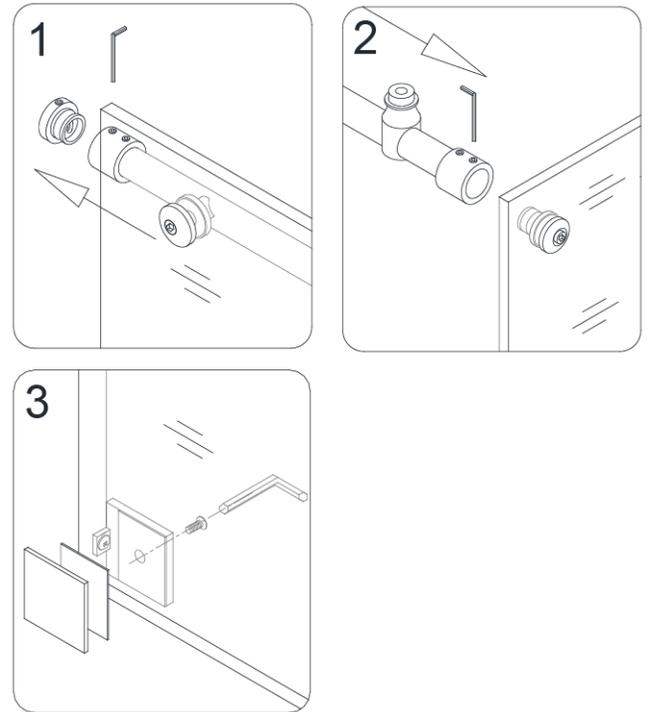


Fig. 17

18. Attach the Guide block face plate to the installed **Guide Block (#12)** (Fig 11.1) and tighten the set screw with the supplied allen wrench. Cover all three holes with the supplied **Decorative caps**.

See Fig. 18 for details

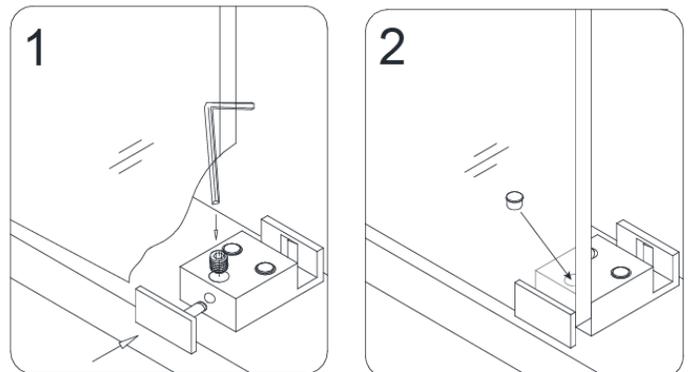


Fig. 18

19. Put a level to the **Upper Guide rail (#03)**. If necessary, adjust the **Guide rail bracket (#08)**, the **Glass Brackets (#07)** and the **Glass connector (#21)** on the **Return panel (#22)** so the top rail is absolutely level. Tighten all screws.

See Fig. 19 for details

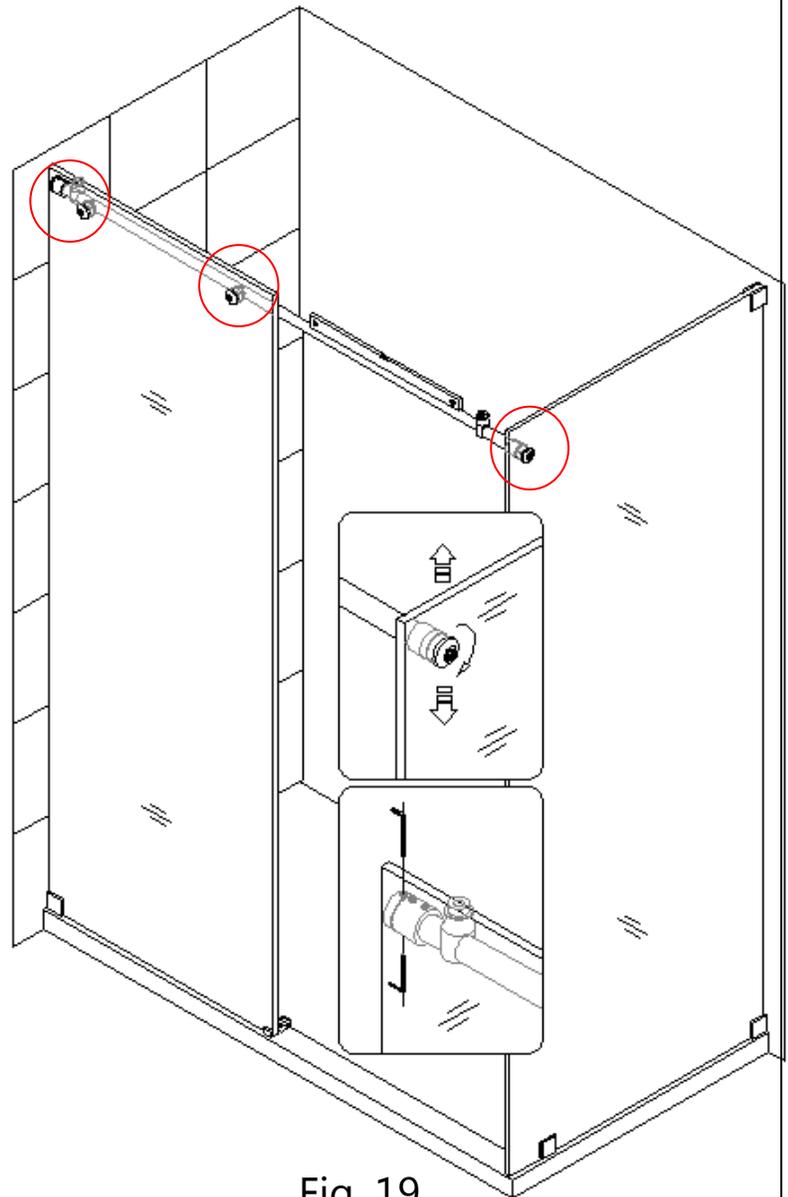


Fig. 19

20. Measure the distance from the inside of the **Return Panel (#22)** to the edge of the **Guide block (#12)**. This distance will be "**X**" (Fig. 20.1). Cut the **Anti-splash threshold (#15)** to the size of: "**X**"

Insert one side of the **Anti-splash threshold (#15)** fully into the **Guide block (#12)** and cover the other side with the **Threshold bracket (#16)** against the wall.

Align the **Anti-splash threshold (#15)** with the front edge of the shower base or threshold and mark the drilling hole through the **Threshold bracket (#16)**.

Drill an $\text{Ø } 1/8''$ (3mm) hole. Apply silicone to the underside of the **Anti-splash threshold (#15)** and attach the **Threshold bracket (#16)** using a **Pan head screw ST4.2×25 (#17)** and cover the hole with a **Decorative cap**.

See Fig. 20 for details

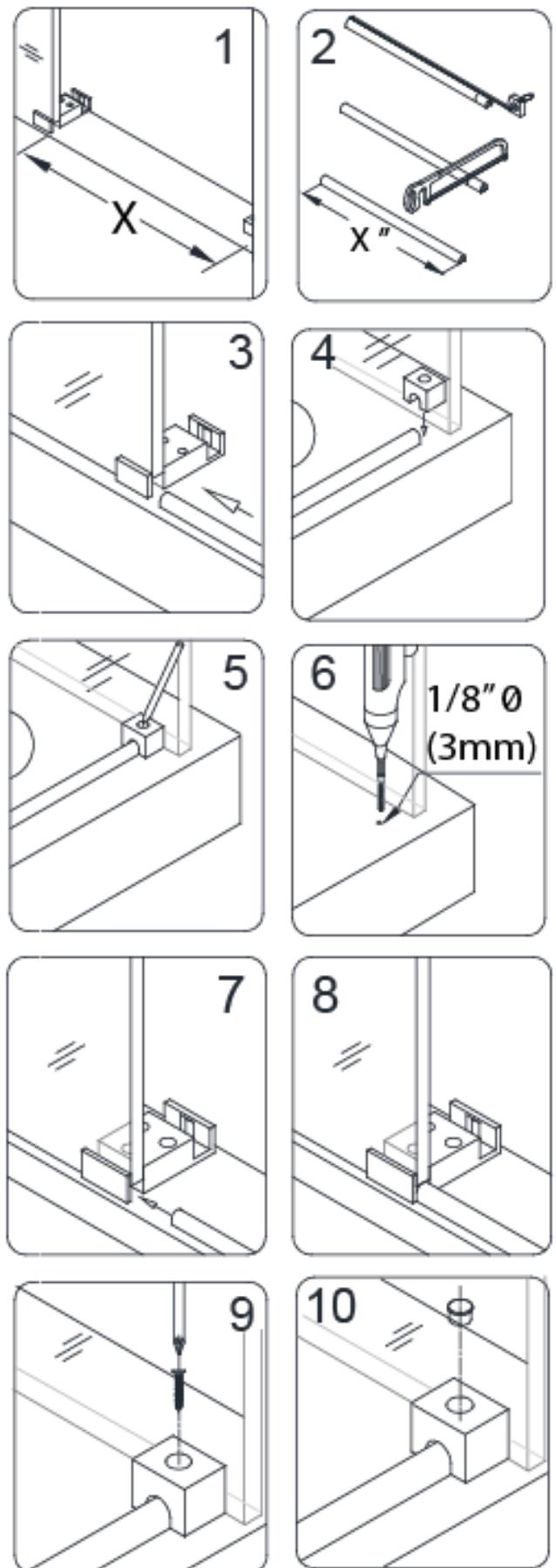


Fig. 20

21. Attach the two **Rollers (#04)** to the **Glass door (#05)** facing outside of the shower.

Suspend the door by hanging the **Rollers (#04)** onto the **Upper guide rail (#03)** and carefully sliding the bottom edge of the **Glass door (#05)** into the groove of the **Guide block (#12)**. Adjust the disks on both **Rollers (#04)** to ensure that the bottom edge of the **Glass door (#05)** does not touch the bottom of the **Guide block (#12)**. Then mount the two **Roller guards (#20)** onto the door to secure the door to the **Upper guide rail (#03)** leaving a 1/16" gap between the roller guards and the guide rail.

See Fig. 21 for details

Note: The adjustment disks in the wheels are the same as the disks in the Glass brackets and can be rotated to adjust the door glass to create a seal with the wall. **See detailed description on page 20.**

TIP: Use a 3/16" shim beneath the door glass when you adjust the level of the door so that it does not make contact with the guide block.

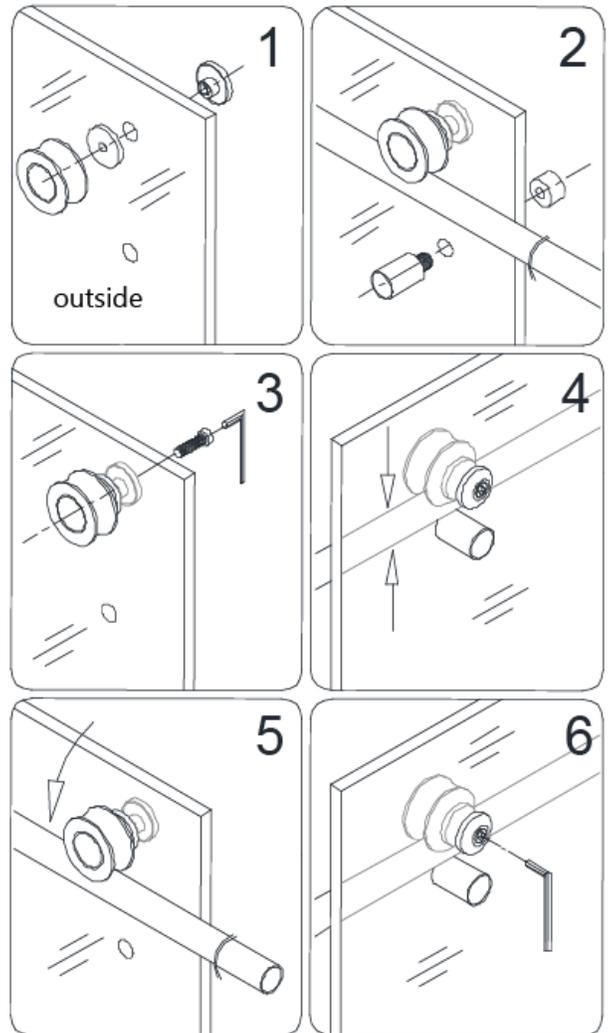


Fig. 21

22. Press the **Anti-water strip (#14)** onto the vertical edge of the **Stationary glass (#02)** and the **Glass door (#05)**. Also press the **Bumper strip (#13)** onto the vertical edge of the **Glass door (#05)** (Fig 16.1). Mount the **Handle (#06)** to the **Glass door (#05)**.

Adjust both **Door stoppers (#01)** to ensure that they are positioned upright and the **Glass door (#05)** is in its maximum opening and closing range. Tighten the set screws to fasten them in place (FIG 16.4 & 16.5).

NOTE: The **Door stoppers (#01)** must be positioned correctly to prevent the handle from contacting the **Stationary glass (#02)** and to stop the **Glass door (#05)** in a position that allows the bumper strip to create a seal, but does not allow the door glass to bang into the **Return panel (#22)**.

See Fig. 22 for details

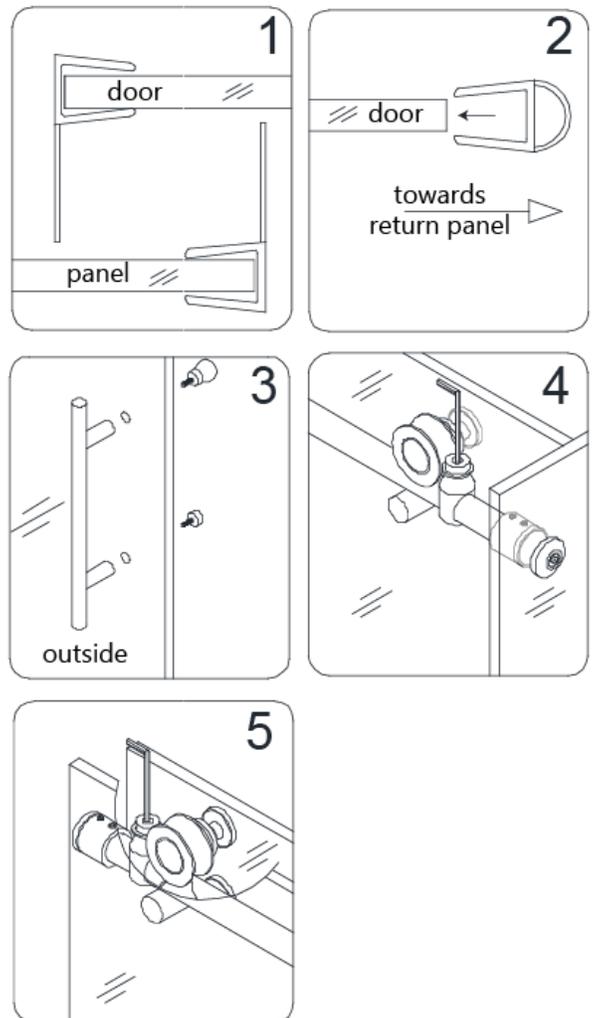


Fig. 22

23. Apply a good quality mildew resistant silicone at both ends of the **Anti-splash threshold (#15)**, around the **Guide block (#12)** and around the **Threshold bracket (#16)** and also along the connection of the **Return panel (#22)** with the wall and the shower base or the threshold.

See Fig. 23 & 24. for details

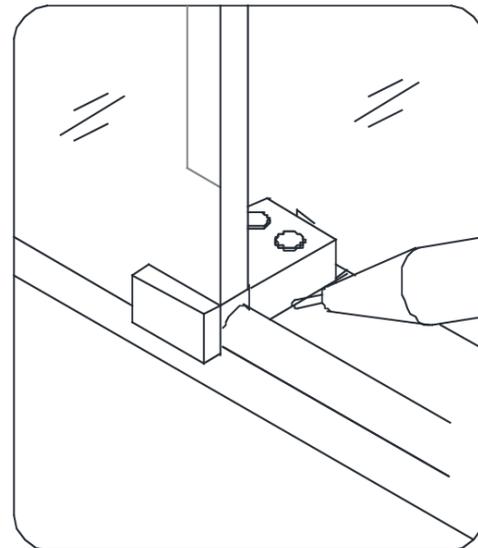


Fig. 23

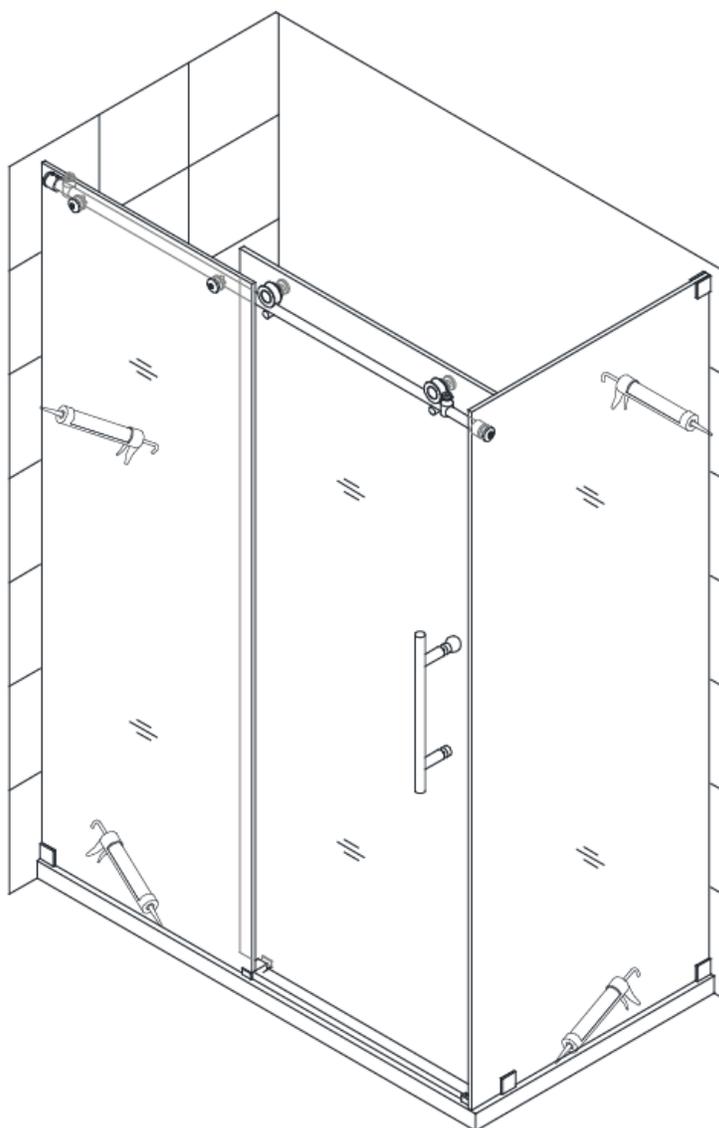


Fig. 24

Enigma Roller adjustment procedure for Enigma and Enigma-X

To achieve minimal clearance beneath the door glass without making contact with the bottom guide block and creating a good seal with the wall.

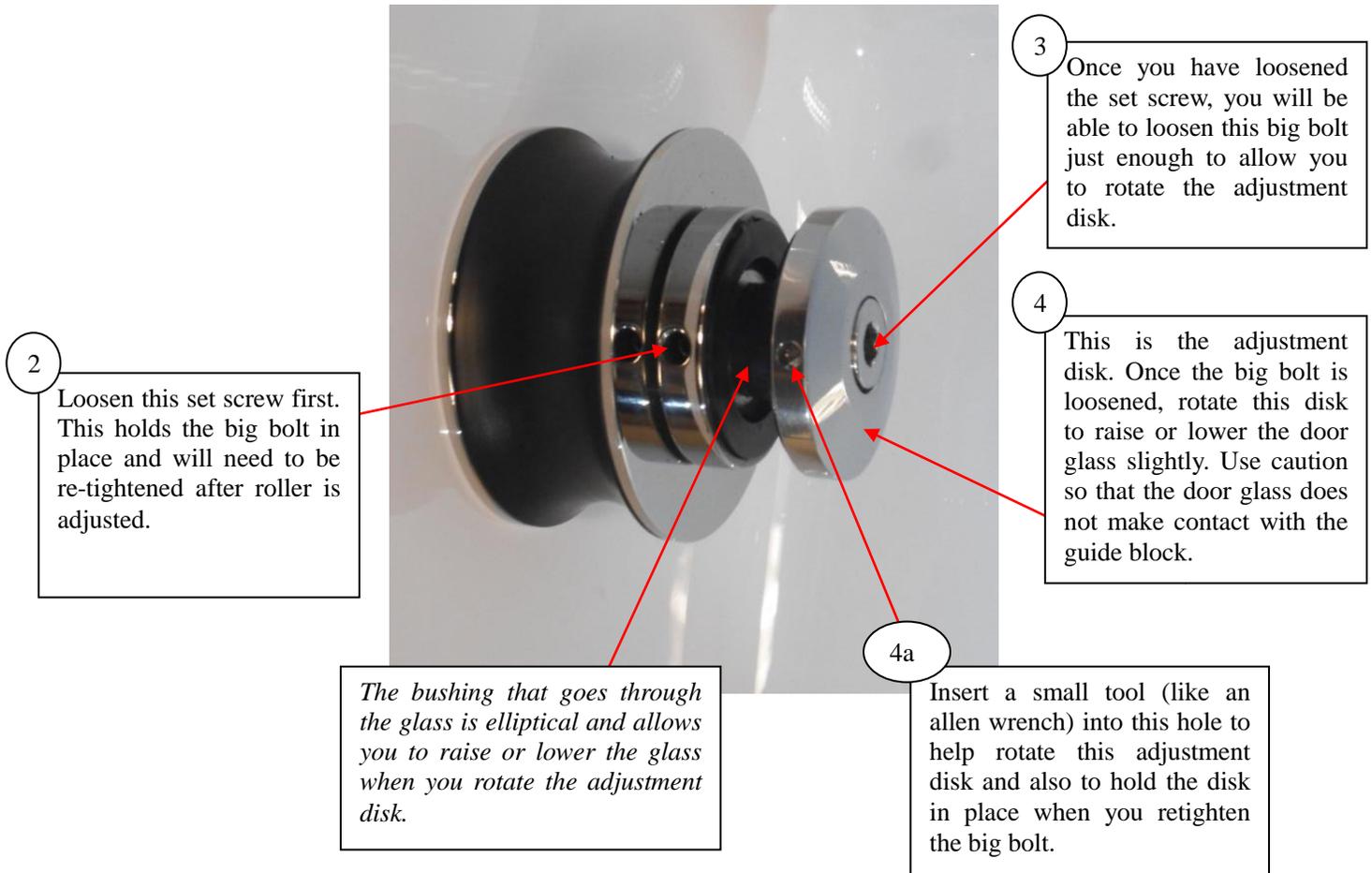
Have at least two 3/16" shims or wedge shims (to maintain space beneath the door glass) and an assistant available to help with this procedure.

You should adjust only one wheel at a time and you may need to perform these steps more than once to get the desired results.

Caution: The door glass is heavy and may require two people to safely accomplish these steps.

1. First, loosen and lower either the Roller Guards (Enigma-X) or Bottom Rollers (Enigma) to allow you enough room to adjust the upper rollers. (If you have not installed these yet, you will be instructed to do so in step #7 after these adjustments have been made).
2. Loosen the set screw on the roller. (See note 2 below)
3. Loosen the big bolt just enough so that you can rotate the adjustment disk. (See note 3 below)
4. Rotate the adjustment disk to raise or lower the door slightly with help from an assistant. You can use a small tool (like an allen wrench) to aid in turning this disk by inserting it into the small hole on the edge of the adjustment disk. (see note 4 & 4a below)
5. While holding the adjustment disk in place, retighten the big bolt. Use a shim or have an assistant hold the door glass in place while you retighten the big bolt.
6. Retighten the set screw to hold the big bolt in place and test the operation of the door.
7. *For the Enigma-X:* reposition the roller guards approx. 1/16" shy of touching the guide rail and retighten.

For the Enigma: adjust the lower rollers to make contact with the rail in the same manner as the upper rollers.



Product Maintenance

BASES and BACKWALLS: To ensure a long life for your acrylic back walls: wipe them off after each use with a soft cloth. To clean the acrylic back walls use non-abrasive sprays or cream based cleaners. Never use abrasive cleansers, metal brushes or scrapers that could scratch or dull the surface.

GLASS: To ensure long lasting life for your glass shower products: wipe them off after each use with a soft cloth. Rinse and wipe off the glass using either a soft cloth or a squeegee to prevent soap buildup and water spots. To prevent scratching the surface: never use abrasive cleaners and cleaning products that contain scouring agents. Never use bristle brushes or abrasive sponges.

HARDWARE: To ensure a long lasting finish: wipe off the metal parts after each use with a soft cloth. Do not use abrasive cleaners or cleaning products containing ammonia, bleach or acid. If accidentally used, rinse the surface as soon as possible to prevent finish peeling or corrosion. After cleaning the shiny finishes, rinse thoroughly and wipe dry with soft cloth. Clean stainless steel surfaces at least once a week. When applying stainless steel cleaner or polish, work with (not across) the grain. Never use abrasive sponge or cloth, steel wool or wired brushes.



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