

Installation Instructions For Frameless Shower Door Headers

1. The Deluxe Header Kit

Each deluxe header kit comes complete with the following:

- 66" or 98" header extrusion
- 36" snap-in filler for door pocket
- vinyl for 3/8" glass
- wall mounting brackets

In addition if the header is being used with Pivot Hinges the following additional pieces are included in the kit:

- Fixed and adjustable header corners
- 2.25" mounting bracket and adaptor block

2. Locating and Attaching Wall Mounting Brackets

To find the desired wall location, use a level and pencil line up the wall corresponding to the centre line of the glass. Measure up from the curb 1" less than the top height of the header. This will be the location of the wall mounting screw (#10 * 2"). The screw should reach a stud or be installed with a screw anchor.

3. Cutting Header for Neo-Angle 135 Degree Installations

Neo-angle headers require 22.5 degree miters cut at the 135 degree angles, and 90 degree cuts where they meet the wall.

The top channel of the header has a recessed "V" line running the length of the extrusion. This line matches the center line of the glass, so all cutting measurements should be taken from point to point along this line.

Example: The door center line measurements is 25" and the side panels return at 135 degree angle. The header above the door will require a 22.5 degree left miter on one side and a 22.5 degree right miter on the other. **To be sure you have cut the extrusion the correct length, take a tape rule and measure the length of the header at the "v" line. To be correct it should correspond exactly to the centerline measure. RATHER CUT A LITTLE LONGER AND NIBBLE IT TO THE CORRECT LENGTH THAN CUT TOO SHORT.**

4. Cutting Header for 90 Degree Return Installations

Cut header as above except the miter cuts are at 45 degrees. The ins or outs should be added or deducted when making the cut.

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5. Fabricating Header Ends for Wall Mounting Brackets

Carefully lay the header on a firm surface with the shallow “T” slot channel facing upwards.

Slide the wall mounting bracket in the channel with the short leg facing up and to the outside. Slide the wall mounting bracket in until the end of the bracket is flush with the cut.

Center punch the hole locations using the “V” line as the center indexing point.

Remove the bracket and drill two holes with a 3/16” drill. After drilling debur them with a #8 countersink.

Repeat this procedure on the other end of the header.

6. Installation of Header Corners at the Mitered Joints

Slide the appropriate angled corner into the “T” slot in the top of the header and close the joint to a tight fit.

Center punch the holes in the angled corner and drill through the cross section of the header with a #27 high speed drill. Insert screws and tighten.

7. Header Installation Using Wall Mount or Glass-Glass Hinges

- Fabricate the header as described above
- Secure the wall mounting brackets with the #10 * 2” flat head phillips screws provided. Location was determined earlier.
- Drop header over wall mounting brackets and check for hole alignment and fit to the wall.
- Set the fixed panels in place with the 1” strips of vinyl on top of the glass (Use of vinyl is optional and may not always be included). Drop the header over the wall brackets with the supplied screws and test for fit and rigidity.
- If all is fine remove the header, put in the full lengths of clear vinyl on top of the glass and install the header.
- Measure the open channel space above the door and install the snap-in filler insert.
- Install the door with proper clearances and apply wipes and seals.

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8. Header Installation Using Top and Bottom Pivot Hinges

1. Fabricate the header as described above
2. Secure the wall mounting brackets with the #10 * 2" flat head phillips screws provided. Location was determined earlier.
3. Drop header over wall mounting brackets and check for hole alignment and fit to the wall.
4. Set the fixed panels in place with the 1" strips of vinyl on top of the glass. (Use of vinyl is optional and it may not be included in kit)
5. Drop the header over the wall brackets with the supplied screws and test for fit and rigidity.
6. If all is fine remove the header, put in the full lengths of clear vinyl on top of the glass and install the header.

Before installing the Top and Bottom Pivot Hinges two factors must be considered:

- i. Check hinge location on glass door. Is it even with the edge of the glass or is it inset to reveal a full length glass edge or to clear a towel bar on the wall?
- ii. What is the clearance between wall or fixed glass and the edge of the door?

The distance from the wall or fixed glass to the center line of the pin must be determined prior to installing the **Header Adaptor Block**.

The Header adaptor Block is mounted in the bottom channel of the header, with the "U" cutout that has a hole in the middle of it facing the bottom, and the notch in the top faces the mounting bracket below.

- Slide the block left or right so the center line of the hole matches the center line of the pin.
- Using a #7 Drill High Speed bit inserted in the hole in the block, drill a hole completely through the header. Deburr it with a #8 countersink.
- Remove the base plate from the hinge and insert the square base of the pin into the Adapter block securing it from above with the pan head screw provided.
- Now mount the bottom hing using the same pin center line measurements.
- Measure the open channel space above the door and cut and install the snap in filler insert.
- Install the door with proper clearances and apply wipes or seals.