



Cascade Prototype Installation

Project Notes



PETERSON
SHOWER DOORS



This unit is intended to be installed by an experienced glazier with the aid of a helper. Shower doors are not leak proof. They are designed to direct water to the interior of the shower under normal conditions. Excessive pressure or directing the shower head directly at the door can result in leaks.

Prior to starting, place the moving door lite inside the shower to minimize handling.

STEP 1 Measure the width of the shower and mark the centerline down the middle of the sill.

Transfer the centerline to the walls using a level. Mark the header location at $3\frac{15}{16}$ " less than the overall height of the unit on the centerline. The header is precut to fit the dimension provided $\pm\frac{1}{4}$ ".

STEP 2 Mount the header.

Drill the wall mount holes on the centerline $3\frac{15}{16}$ " below the overall unit height, insert the #10-12 wall anchors into the holes. Using the center mounting hole and the #12 x $1\frac{1}{2}$ screws attach the wall mounts to the wall using the wall anchors.

STEP 3 Place the header sleeves on the header bar.

Note the sleeves will only fit one way. Align the header bar to the wall mounts and slide the sleeves over the mounts. Level the header by raising or lowering the wall mounts as required. Once the header is level, mark and drill the top and bottom mounting holes, insert the lipless anchors and **fasten the wall mounts securely in place**. Install one bumper near each end of the header bar. Install the header bar on the mounts leaving the set screws in the sleeves loose, and the glass mounts loosely fastened.

STEP 4 Temporarily place the fixed glass in place and mark the location of the base clips (if used).

Remove the fixed glass and drill and install the clips. Check to ensure that header is still level (or very slightly lower on the door side). Tighten all setscrews. Replace the fixed glass and fasten in place using the header clips and the base clips.

STEP 5 The center guide is adjustable and can accommodate 8mm, 10mm, 12mm and 13.5mm glass.

If you are using $\frac{3}{8}$ " glass, turn the guide over and ensure that the selector lobe is on the 10mm slot. Position the guide so that the end of the guide is even with the edge of the fixed glass and the centerline of the guide is $1\frac{1}{2}$ " from the inside face of the fixed glass. Mark drill and fasten in place. Another way to verify the position of the guide is to wait until step #6 and hang the door and then position the guide.



STEP 6 Mount the two top rollers on the door glass.

Note that the roller inserts are “cammed” or offset, this is to allow adjustment of the door. Hang the door on the header taking care not to allow the door to “swing” and possibly fall. If you have already installed the center guide carefully place the bottom of door into the guide. If you have delayed installing the guide until now place the guide into position aligning it described in step 5. Note the proper position. Dismount the door and install the center guide, remount the door.

STEP 7 Install the bottom rollers and the handle.

Set the bumpers so as to prevent the leading edge of the door from striking the wall and to keep the door from opening wide enough that the handle comes in contact with the fixed glass.

STEP 8 The bottom angle may be installed using silicone caulking at this time between the guide and the wall to prevent leakage underneath the door.



STEP 9 Caulk the perimeter of the fixed glass, the exterior of the bottom angle and both ends of the angle to prevent leakage.

Allow the caulk to dry over night before using.

