



OPERATING, MAINTENANCE AND CLEANING INSTRUCTIONS

Model 4500 Sliding Glass Door

Caution: *Door Maintenance Should Be Performed By A Qualified Door Installer.*

Description:

Model 4500 is a sliding glass door manufactured in the following configurations: XO and XO.

Operation:

Unlock the thumb turn locking hardware turning thumb turn clockwise. To re-lock, push sash firmly back into the jamb of the door's master frame. Rotate the thumb turn lock counter-clockwise to lock the door.

Sash Removal For Cleaning:

To remove the operable sash, first open the door a few inches. Remove operable roller adjustment black plugs on operable sash near sill. Using a screw driver loosen the operable sash roller adjustment screws near the sill. Once loosened grab the operable sash with one hand on each side if too large have someone assist in lifting. Lift the sash upward pushing the top of it further up into the master frame of the door. Pull the bottom of the sash inward and downward at the same time. This will allow you to bring the sash inside the building.

Glass Replacement (Sash or Master Frame):

1. On the exterior side of the door to remove the fixed lite sash, use a utility knife or oscillating power tool and cut away silicone holding fixed lite sash to the door's master frame.
2. Remove the two Fixed Lite Sash Anchor clips from interior of door. One at door head and second at the door sill prior to removing fixed sash lite.
3. Grab the fixed lite sash with one hand on each side. If fixed sash is too large please have someone assist to help remove. Lift the fixed lite sash upward pushing the top of it further up into the door master frame. Pull the bottom of the fixed lite sash inward and downward at the same time. This will allow you bring the sash inside the building.

4. Once the Fixed Lite Sash is removed set on an elevated Horizontal surface to remove glazing beads.
5. When glazing beads are removed from Fixed Lite Sash it must be picked up and rotated 180 degrees in order remove glass from sash.
6. While rotating Fixed Lite Sash something needs to be placed on the underneath side of the glass once the hot melt glazing is cut from glazing leg with a oscillating power tool to catch the glass once removed.
7. Clean the aluminum frame where the silicone sealant had been applied. Toluene or other approved material can be used.
8. Install new glazing tape first across the vertical legs of the frame members.
9. Install the glazing tape on the horizontal frame members. The horizontal tape should overlap the vertical tape and must be pushed firmly against the vertical strip to get a good seal.
10. Apply a heal bead around the perimeter of the glazing tape.
11. Apply small joint sealant to all aluminum-to-aluminum joints.
12. Install the setting blocks as originally located prior to the de-glazing operation. (Usually setting blocks are located at the quarter points from each edge.)
13. Clean the edges of the glass with toluene or other approved material, then install the glass, making sure that it is located properly on the setting blocks and glazing tape. Caution should be exercised during this procedure. You often have only one chance to “set the glass” in the proper position, since the architectural glazing tape adheres tenaciously to it.

Removal of Screen Insert and Screen Mesh Replacement:

1. Using a screwdriver loosen the screen roller adjustment screws at both head and sill of the screen frame prior to removing.
2. Remove screen by pushing up on the top of the screen frame so that the sill of the screen’s master frame is pulled free of its lower track.
3. Grasp screen frame and pull it diagonally from the exterior of the door.
4. The mesh itself can be replaced using standard industry procedures. Roll in a soft vinyl spline into the screen frames spline channel. Typical screen mesh materials available from Peerless is 18 x 16 nominal mesh in charcoal on brite aluminum or charcoal colored fiberglass. Stainless steel mesh in a 0.009” gauge can also be rolled into our standard screen frames.

Cleaning and Lubricating:

1. The glass may be cleaned using commercially available cleaning solutions intended for this purpose.
2. The aluminum portion of the door should be cleaned in accordance with AAMA publication number 610 “Voluntary Guide Specification for Cleaning and Maintenance of Painted Aluminum Extrusions and Curtain Wall Panels” or AAMA 609 “Voluntary Guide Specification for Cleaning and Maintenance of Architectural Anodized Aluminum.” The most current versions of these publications can be ordered by contacting the Architectural Aluminum Manufacturers Association at 1827 Walden Office Square, Suite 104, Schaumburg, IL 60173-4268. Phone: (847) 303-5664 or Fax: (847) 303-5774.
3. The sill, jambs and head of the door master frame should be cleaned and lubricated at least once per year (more often if local conditions dictate).
4. To clean, use a mild non-abrasive cleaner and wipe down the interior pockets of the sill, jamb and head of the door’s master frame. Also, clean the four surfaces of the operable sash.
5. A clean, soft cloth should be used to dry the frame and operable sash.
6. Lightly spray the sill, jamb, and head of the door with a silicone spray. This will lubricate the window and help it operate more easily and smoothly.

Annual Maintenance/Record Keeping:

1. Peerless recommends an annual inspection of your doors and the installation by a qualified door installer.
2. Check the general appearance of the doors and installation. Specifically note the seal integrity of the insulating glass, the proper locking and operation of the door, and all caulking surrounding the door. Check all fin seal weather stripping and santoprene bulbs for condition and continuity.
3. Clean the door frame and glass as recommended in the Cleaning section.
4. Maintain a door log indicating the date of the annual inspection or any service work performed on the windows. Note the person(s) who did the work, the condition of each door, and what service work or cleaning was performed.
5. Submit a photostatic copy of this log when requesting any warranty service work from Peerless.