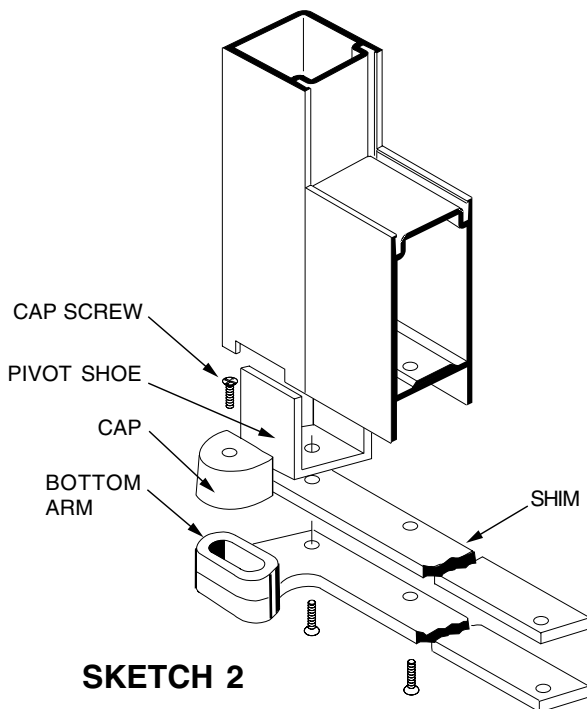


SKETCH 1

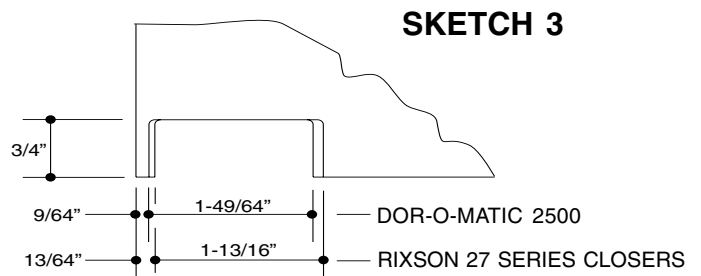
INSTALLATION INSTRUCTIONS

(To be used with Templates and instructions packed with closers.)

1. Position floor closer using Closer Instruction template.
CAUTION: Smooth, permanent trouble-free operation of the door depends on the proper installation of the closer. A Template is furnished in each floor closer package to give correct position of center of closer spindle from door and frame, as well as the proper height for use with or without thresholds.
2. Modify cut-out in door as necessary. (**Sketch 3** of Closer Template.)
3. Fasten bottom arm into door bottom rail.
Assemble pivot shoe, shim (When used) and bottom arm as shown in **Sketch 2**. The 3/8" Shim furnished will satisfy the requirements of most closers with thresholds. In some cases, other thicknesses will be required and must be made by installer.
NOTE: Shoe is drilled right hand and left hand. If threshold is not to be used, do not install shim.
4. Place frame portion of top pivot in transom bar and secure in place using (3) **028350** screws #12-24 x 5/8" M.S.
5. Set door in frame so that bottom arm engages spindle of floor closer. Do not tighten locking screw.
6. Depress pin in top door portion pivot and slip under frame portion until positive engagement is felt. Tighten closer arm per instructions.
7. Shim closer cement case so that there is 1/8" setback between exterior face of frame and face of door and 3/32" clearance between vertical door stiles and frame jambs. Work to 1/8" between pairs of doors.
8. Adjust vertical clearance to 1/8" between door top rail and transom bar with adjusting screws or shims as provided in closer package.
9. When closer in properly positioned, fill space under and around cement case in rough opening with grout or quick set cement. (Plaster of Paris is not recommended.)
10. Close door, glaze and adjust as outlined on reverse side of this Instruction.



SKETCH 2



SKETCH 3

GLAZING INSTRUCTIONS

GLASS SIZE to be 3/8" (9.5) less than door lite opening (Hgt. & Wdth.) for both single and double glazing.

AFTER INSTALLING DOOR IN NORMAL MANNER REQUIRED BY METHOD OF PIVOTING.

1. Raise adjustable setting block to maximize retracted position.
2. Install vertical glass stops first, then horizontals on one side of door.

NOTE: On prehung doors, install stuffer onto verticals as shown in Figure #4 to retain glass stop.

3. Install rubber setting block (See Figure #1).

UNITS WITH INSULATING GLASS

Install caps on the two glass jacks and adjustable setting block. Switch standard rubber setting block with larger one. All found in double glazing accessory package. (Figure #3).

4. Install glass in place, centered between stiles and tight against bottom rubber setting block. (Figure #3)
5. Using thumb or tool, rotate glass jacks counterclockwise to set against glass.
6. Install remaining vertical glass stops first, then horizontals.
7. Turn the adjustable setting block screw clockwise and adjust for uniform clearance between top edge of door and frame.
8. On pairs of doors, adjust astragal. Remove packing string from pile after door installation (See Figure #2).

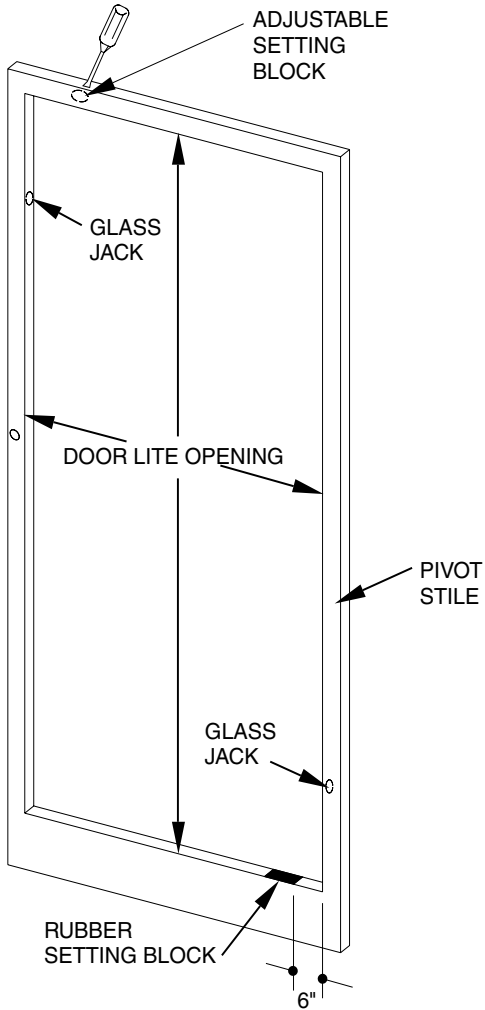
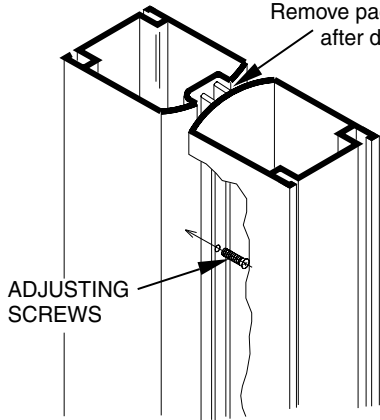


FIGURE #1

FIGURE #2

ADJUSTABLE ASTRAGAL WITH SEALAIR® POLYMERIC FIN
Remove packing string from pile after door installation.



MEETING STILES OF A PAIR OF DOORS.

Proper clearance for pairs of doors is maintained by adjusting the weathered astragal. Turn screws clockwise to allow more clearance and counterclockwise to allow less clearance.

FIGURE #3

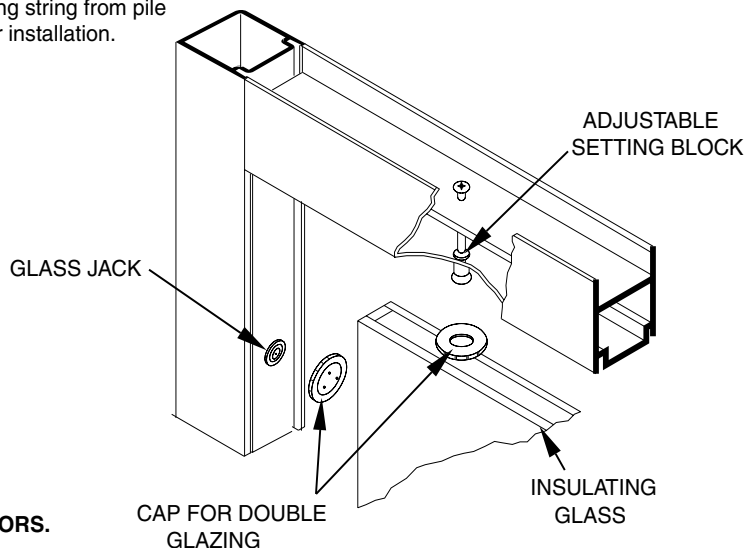


FIGURE #4

