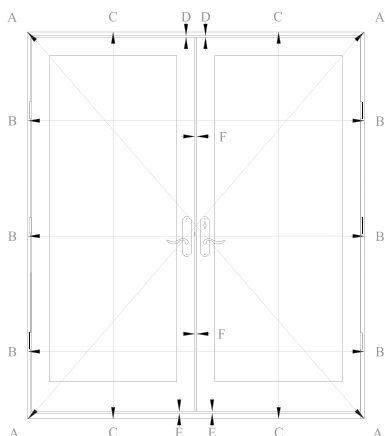


1. Check each door rough opening for correct dimensions. Make sure each rough opening is level, plumb, and square. **SILL MUST BE FLAT AND LEVEL.** (Use shims if needed.)
2. Apply sill and jamb flashing as described in AAMA 2400-02.
3. Apply (2) 3/8" diameter beads of high quality sealant continuously across the sub floor where the doorsill will be located. Continue the sealant 12" up both rough opening frame jambs. This will provide a weather tight seal between the floor and the doorsill.
4. Apply a continuous bead of high quality sealant to the back side of the mounting flange, toward the interior.
5. Place door into rough opening, making sure fin is flat against wall (face-board) and centered. Be sure sill is pushed down into the sealant and is flat and level.
6. **CHECK DOOR FOR LEVEL, PLUMB, AND SQUARE:** including diagonally-corner to corner, inside & outside. Next, screw/tack nail through mounting flange to hold door in place. Use caution to prevent twisting door frame, causing jamb deflection and potentially making door operation difficult.
7. Continue to apply fasteners through mounting flange 10" to 16" O.C. Do not fasten within 3" from corners. Apply shims where support is needed. Be sure to shim behind each hinge to give them support.
8. Remove the (2) innermost screws (closest to center of frame) from each hinge at frame jambs and replace with (2) #8 x 3" flat head screws provided. This will secure the hinge into the rough opening providing additional door support. **Do not over tighten, or over shim, causing jamb deflection.**
9. Apply high quality sealant and head flashing as described in AAMA 2400-02.
10. **DOOR HARDWARE ATTACHMENT:** refer to instructions contained inside the hardware carton.
11. As part of the final installation inspection performed by the installer, the door should be checked for proper operation.

### CHECK ALL MEASUREMENTS DURING AND AFTER INSTALLATION.



#### MEASUREMENTS:

A: Diagonals must be equal dimensions.

B: Must be equal to dimension of door width.

C: Must be equal to dimension of door height.

D: In-swing: From the interior, the gap between the top of the panels and the head frame should be 1/8"

uniform for proper operation of the door.

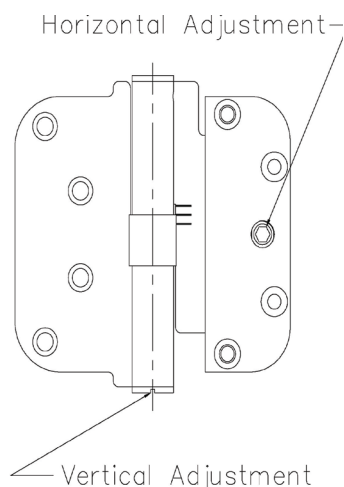
Out-swing: From the exterior, the gap between the top of the panels and the head frame should be 3/16" uniform for proper operation of the door

E: In-swing: From the interior, the gap between the top of the threshold and the bottom of the door panel should be 3/16" uniform for

proper operation of the door.

Out-swing: From the exterior, the gap between the top of the threshold and the bottom of the door panel should be 1/4" uniform for proper operation of the door.

F: In-swing and out-swing: The gap between the panels should be 1/8" uniform for proper operation of the door.



#### ADJUSTMENT STEPS:

1. When adjusting vertically up, use a 1/4" allen wrench and start with the middle hinge first and turn the adjustment screw counter clockwise. Then adjust top & bottom hinges to the middle hinge setting. This will equal out the weight to all three hinges.
2. When adjusting vertically down, use a 1/4" allen wrench and turn the adjustment screw counter-clockwise several turns on both top and bottom hinges. This will relieve the weight from these hinges allowing you to adjust the middle hinge downward. Adjust the top & bottom hinges back to the middle hinge setting to equal the weight to all three hinges.
3. Horizontal adjustments: The middle hinge needs to be adjusted halfway between the adjustment of the upper & lower hinge. Example: When adjusting the top hinge four turns and the bottom one turn, the middle hinge will require two and a half turns.  $(4 + 1)/2$  This will relieve any undo hinge stress that may result when improper adjustments are made.