

# Swinging French Door Supplement

The following supplemental instruction applies to:  
Clad and Wood Ultimate Inswing French Door (includes 2 1/4" panels)  
Clad and Wood Ultimate Outswing French Door (includes 2 1/4" panels)

## Standard Parts Shipped:

Each Marvin Swinging Door is sent with a handle set, hinge screw package and strike screw package. Clad units will also come with a nailing fin corner gasket package.

If any of these parts are missing, contact your local Marvin dealer for replacement parts information.

## Permanently Securing the Door

After your Marvin Swinging Door is installed into the rough opening, perform the following steps to permanently secure the door.

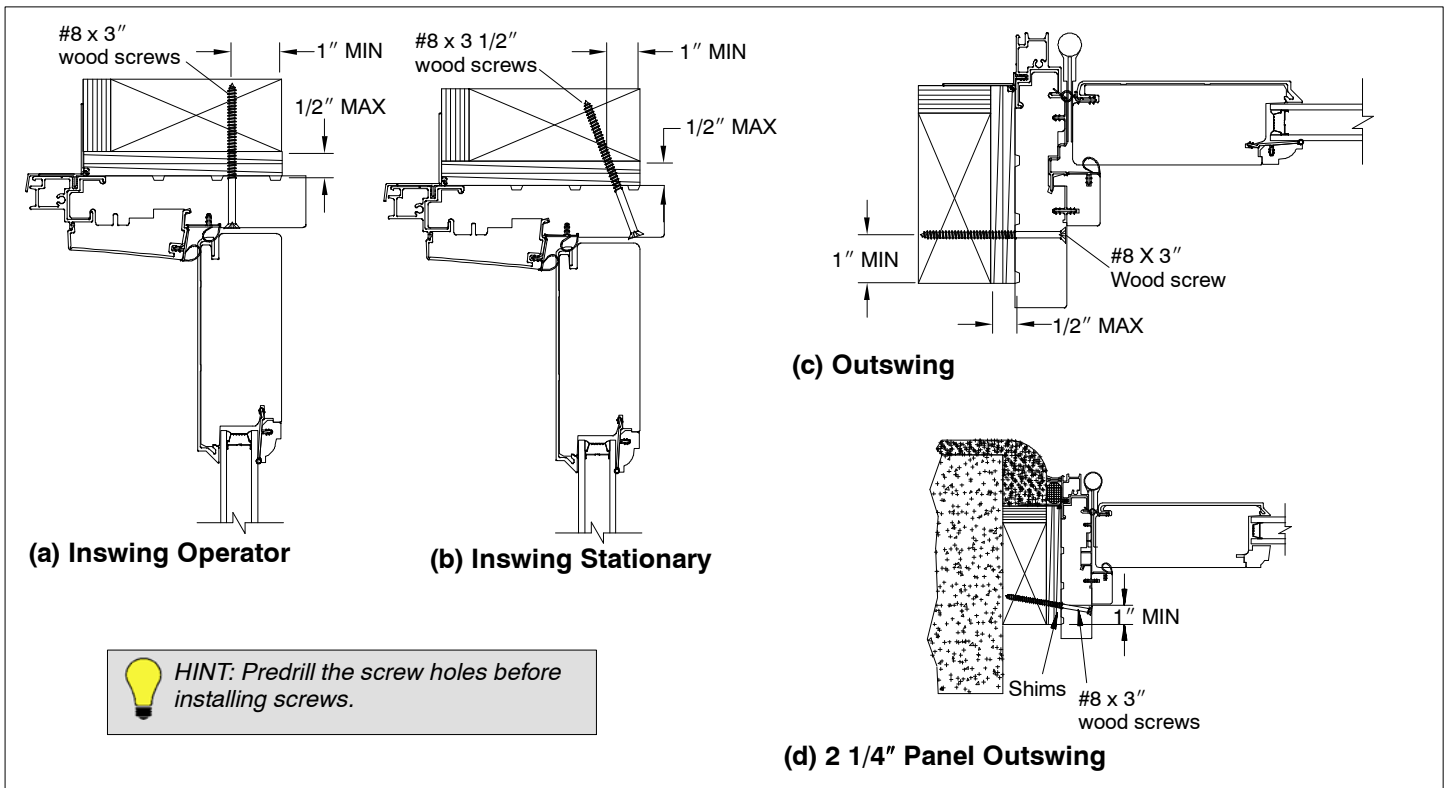


Figure 1: Securing the door.

- For units utilizing jamb screw installation (wood and clad):** Once the unit has been properly shimmed, plumbed, and squared fasten unit to wood buck/rough opening with minimum diameter of a #8 wood screw. Length of jamb screws may vary depending on type of unit, location and operation of the panel with a minimum buck penetration of 1 1/4" (32). A minimum jamb screw length of 3" (76) is required. Screws must be a minimum of 1" (25) from edge of buck. Place the screw 6" (152) from each corner, maximum 12" (305) on center, with a minimum of 2 per side. See figures 1a - 1d.
  - For units utilizing masonry clip and structural bracket installation (wood and clad):** Refer to the installation instructions included with the clips/brackets.
- IMPORTANT:** 2 1/4" panel doors and IZ3 installations require provided long screw to be installed through the hinge into the studwall for all hinges.

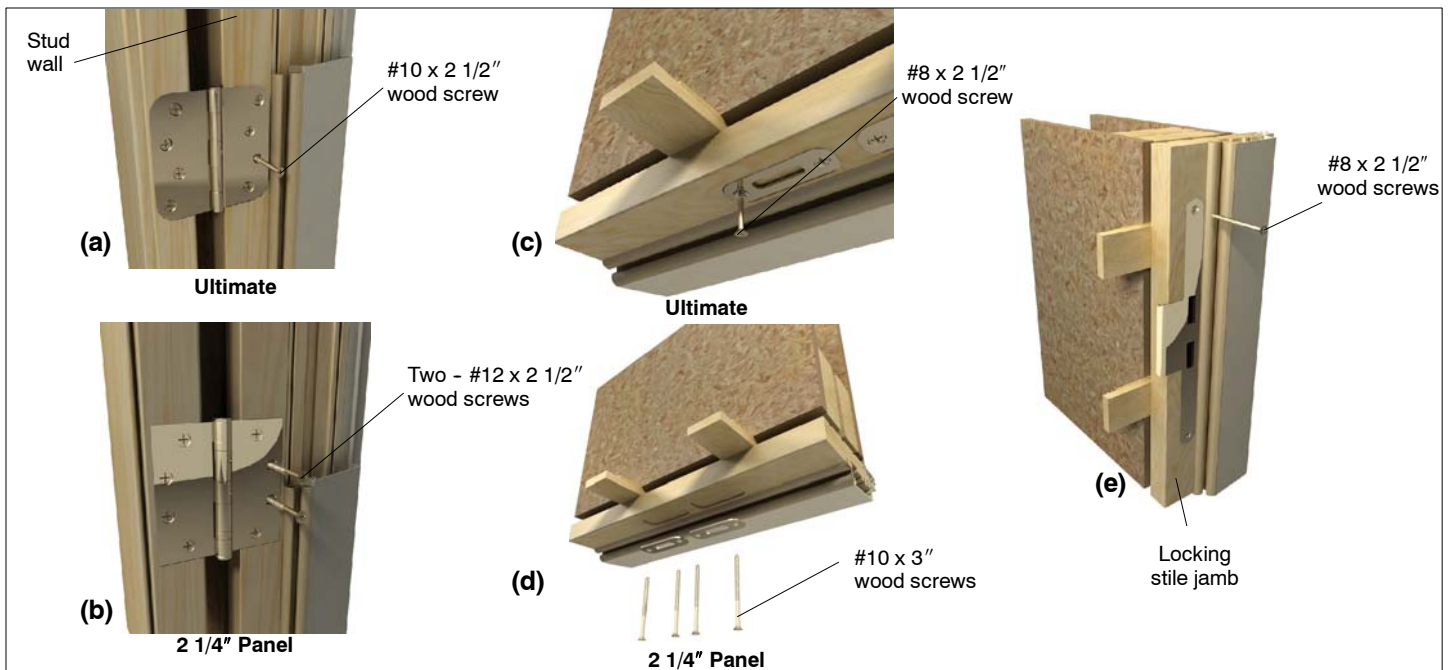


Figure 2: Securing the door. (Inswing doors shown but applies to Outswing doors as well.)

- On all operating panels, install a provided #10 x 2 1/2" screw (two #12 x 2 1/2" screws for ball bearing hinges and all 2 1/4" doors) into hinges as shown in figure 2a and 2b.
- On all side jamb and head jamb strike plates, remove and replace screws fastening the strike to the frame with the lower screws and drive into rough opening frame as shown in figure 2c, 2d and 2e.
- Close the panel(s) and check the margin between the active and inactive panel or panel and jambs and head jamb. The door is designed to have a 1/8" (3) gap between the panels. Correct the margin if needed by adjusting the long screw installed in the previous steps.



**WARNING: If unit has sidelite or transom muller above, do not use 2 1/2" screws. Marvin recommends using screw up to 2" to prevent breaking the glass.**

Proceed to general door instruction for steps on how to secure the sill and final flashing and sealing procedures.

### Adjustable Hinge Operation

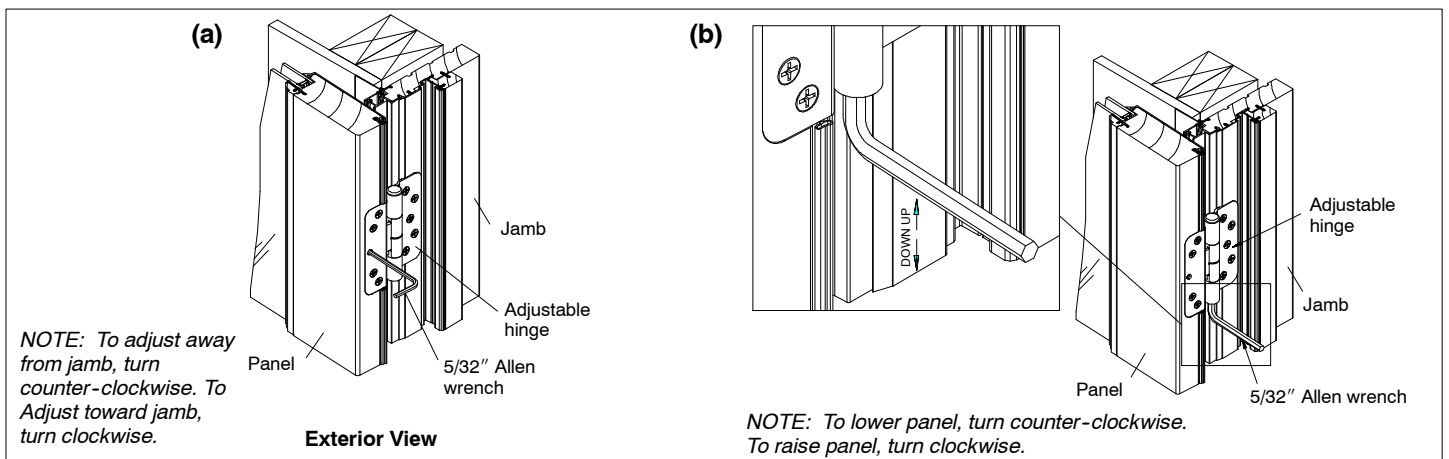


Figure 3: Adjusting the hinge.

**NOTE:** If hinges have to be adjusted away from the midpoint of the adjustment range to achieve panel alignment, carefully recheck the frame to ensure it is level/plumb, straight and square.

The hinges are primarily for adjustment by the end user after the door has been in use. In some cases the hinges may need to be reset to the center of the adjustment range to correct movement that occurred during shipping/handling.

Adjustable hinges are not intended to compensate for an improperly installed unit.

- Make horizontal adjustment first. To adjust panel(s) horizontally away from jamb, turn horizontal adjustment screw counter clockwise using 5/32" Allen wrench provided. To move panel toward jamb, turn Allen screw clockwise. See figure 3a. Make any vertical adjustments only after horizontal adjustments are complete. To adjust panel(s) vertically in an upward motion, turn vertical adjustment screw clockwise using 5/32" Allen wrench provided. To lower panel, turn Allen screw counter-clockwise. See figure 3b.