

Ultimate French Door - 2011 Sill Field Applied Replacement Instruction

This instruction can be used to replace the Ultimate French door 2011 platform sills for all configurations.



Seek Assistance

Door panels can be heavy and awkward to handle, use assistance to avoid injury or damage to the door.

Sill Replacement Kit	
2011 Sill	Foam block
Gasket, sill to jamb	Sill end plugs

You Will Need to Supply	
Safety glasses	Drill w/1/8" bit
Screw gun w/bits	Rubber mallet
Sealant applicator	Manus 75-AM sealant
CSL® 343 sealant	

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Panel Removal

1. Remove the operator door panel(s) from the frame. For units without stationary panels proceed to "Sill Removal" on page 2.
2. Remove the stationary panels by first removing the mull post. If removing a wood stationary panel skip to step 4. Remove clad mullion casing cover by hooking a bent screwdriver, or similar tool, at one end of the cover. Gently pry off the cover if it is to be reused. See figure 1.



Figure 1

3. Next, remove 6 - 8 screws that secure the mullion casing to the mullion casing base. See figure 2. Proceed to step 5.



Figure 2

4. On wood units to detach the panel from the mull post, first expose the screws holding the astragal base to the mull post by removing the astragal and panel weather strip. Remove the screws securing mullion casing base to mullion casing. See figure 3.

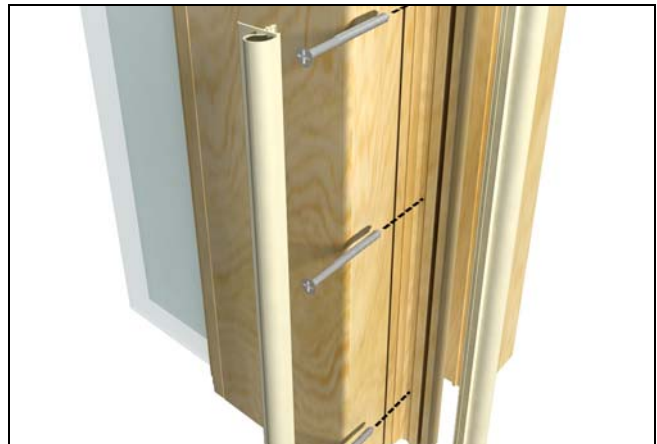


Figure 3

5. Remove the screw(s) from the head jamb holding in the mull post and rotate the mull post to the exterior to remove. Remove the balance of the screws from the door frame that are holding the stationary panel in place. Tilt the stationary panel to the interior to remove.

Sill Removal

1. After removing the door panels from the frame, lay the door frame, interior side down on a clean flat surface. Remove the screws from the sill. See figure 4.



Figure 4

2. Use a rubber hammer to separate the sill from the frame. See figure 5.



Figure 5

Sill Preparation

1. Apply foam block to sill. See figure 6. Apply continuous bead of sealant to sill gasket and along chimney walls and place in frame table fixture. See figure 6. Recommended sealant is Manus 75-AM.

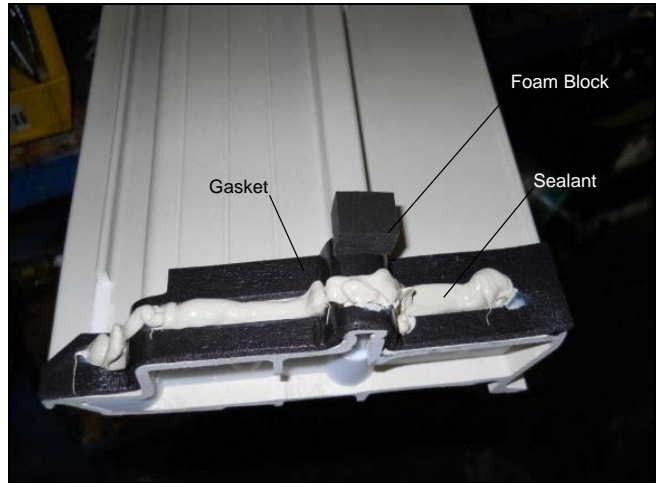


Figure 6

Sill Installation

Starting from the interior side of the sill, roll the sill onto the jamb to prevent the foam block from being misaligned.

1. Align the jamb so it is flush with the end of the sill. Install a 1 5/8" screw through the exterior hole in the sill into the screw boss on clad frames and install 3" screws through the remaining holes in the sill into the wood part of the frame. On wood units align the sill with the frame and install a 1 7/8" screw through the exterior hole in the sill into the frame and 3" screws through the remaining holes in the sill (If special species - predrill jamb using a 1/8" bit). See figure 4.
2. For 6 9/16" sills proceed to next step. On French door 4 9/16" jamb units inject CSL® sealant into the screw hole until sealant squeezes out through the exterior side of the sill's screw hole. See figure 7.



Figure 7

3. French Door 6 9/16" 2011 sills will have two sealant injection locations. Start with the one on the interior side of the sill and once you can observe sealant in the exterior side injection hole move to the exterior side hole. Inject sealant until it can be observed at the exterior screw hole. See figure 8. Recommended sealant is CSL® 343.

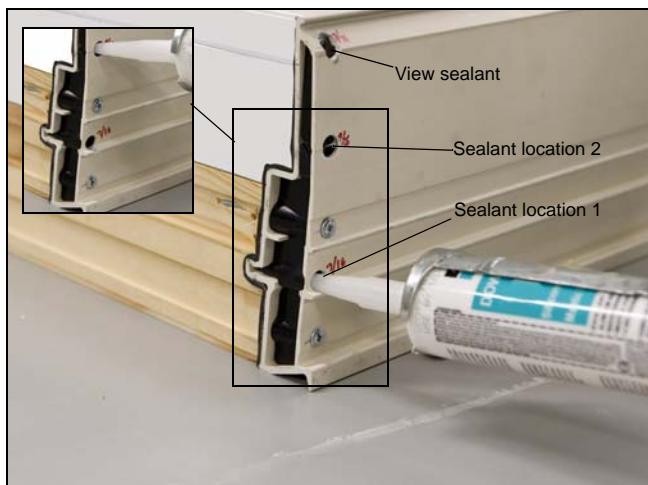


Figure 8

Reinstall the Panels

1. For units with stationary panels install the mull post. From the exterior hold the mull post at a 20° angle and insert the front edge of sill bolt into the hole in the sill. See figure 9. For units with operator panels only proceed to step 4.

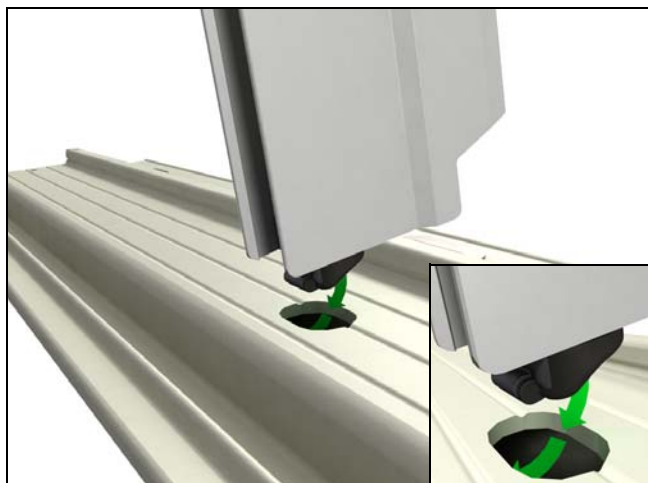


Figure 9

2. Slide the bottom of the mull post forward and rotate the mull post up into place at the head jamb and install the screw through the head jamb into the mull post.
3. Install the stationary panel by placing the bottom into place first and then rotating the panel up into the frame. Reinstall the screws through the mull post and frame into the panel.
4. Reinstall the operator panels.

*NOTE: For information on UIFD replacement parts, see [Ultimate Inswing French Door](#) located in the *Marvin Parts Manual*.*