

Marvin Ultimate Double Hung Next Generation Supplemental Installation Instruction

ABSTRACT: The following instructions are intended to be used in conjunction with the supplied installation instructions for proper installation techniques including opening preparation, flashing and sealing details. Always read these and all instructions in their entirety before installing your Marvin product.

NOTE: If the video does not play you may need an updated version of [Adobe Reader](#).

You Will Need to Supply

Putty knife	Flathead screwdriver
#8 X 3" screws	Pliers
Shims	

NOTE: Numbers listed in parentheses () are metric equivalents in millimeters rounded to the nearest whole number.



Seek Assistance

Some large windows and/or assemblies are very heavy. Avoid injury by seeking assistance.

Remove Shipping Clip

1. Tilt out bottom sash and remove red shipping clips. For non-tilt units, refer to Non-tilt sash instructions. See figure 1.



Figure 1

Shimming

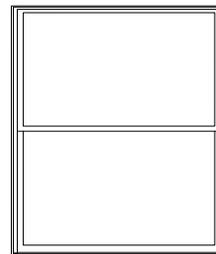
Proper shimming is extremely important. Under-shimming or over-shimming will result in bowed jambs and/or head jamb. Both conditions can contribute to improper window operation. For more information on basic shimming [click here](#).



Tip

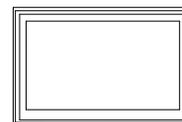
Horseshoe type stackable shims are recommended so that entire jamb is supported without twisting.

Operator



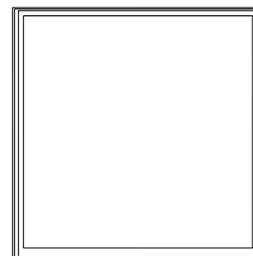
Operator Units larger than a call number 4040 or 45 1/4" (1149) x 87 1/2" (2222) require "Through Jamb Installation". **All assemblies require shimming.**

Transom



Transom units only require Nail Fin Installation, Through Jamb installation is optional. **All assemblies require shimming.**

Picture



Picture units larger than a call number 6668 or 67 1/4" (1708) x 69 1/4" (1765) require the Through Jamb Installation **and** screws through the head jamb. **All assemblies require shimming.**

Figure 2

Nailing Fin Installation

For an installation using the nailing fin method- please refer to the [installation instruction](#) included with unit.

Through Jamb Installation

Note: For units installed with installation screws through the framing members, be sure to shim at each fastening location to avoid bowing/distorting jambs.



Tip

Head jamb stop can be removed and used as a guide to verify proper shimming.

Through jamb installation is required on: operator units larger than 45 1/4" (1149) x 87 1/2" (2222); picture units larger than 67 1/4" (1708) x 69 1/4" (1765). Through jamb installation is optional on smaller units.

1. Remove the interior wood cover (figure 3A), exterior mid-clad cover and vinyl assembly (figure 3B), for access to installation holes. Use stiff putty knife or small flathead screwdriver to carefully remove the covers.

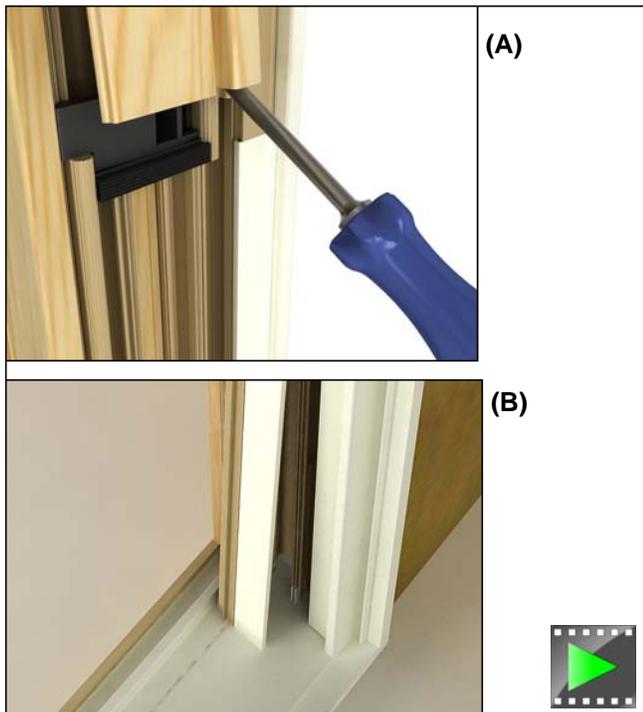


Figure 3

2. Center the window in the opening. Jambs need to be straight and level. Apply #8 X 3" screws until snug through the pre-marked holes, do not over tighten, to permanently secure the unit to the framing members. See figure 4. Do not apply screws to large jamb receiver locating hole.

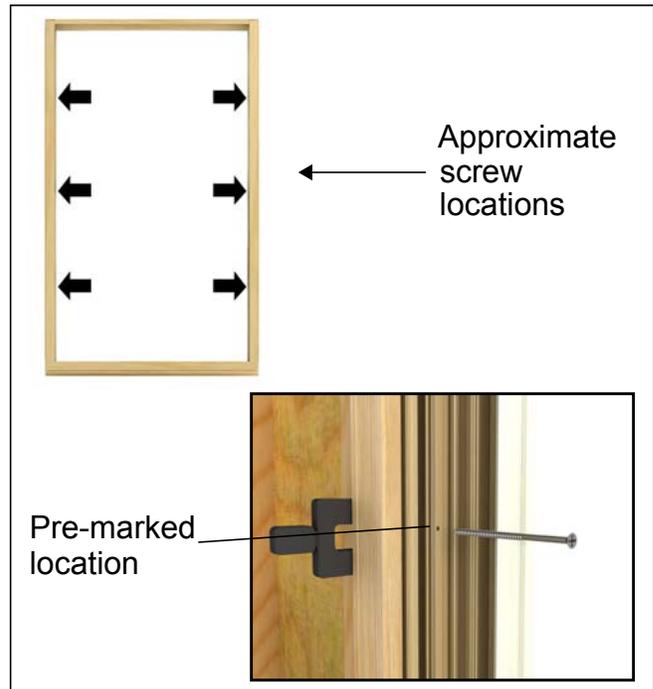


Figure 4

3. Units that have jamb brackets require a screw through center of each lower jamb bracket. See figure 5.



Figure 5

- Replace the covers. See figure 6. Operation of unit may be affected if components are not seated properly.

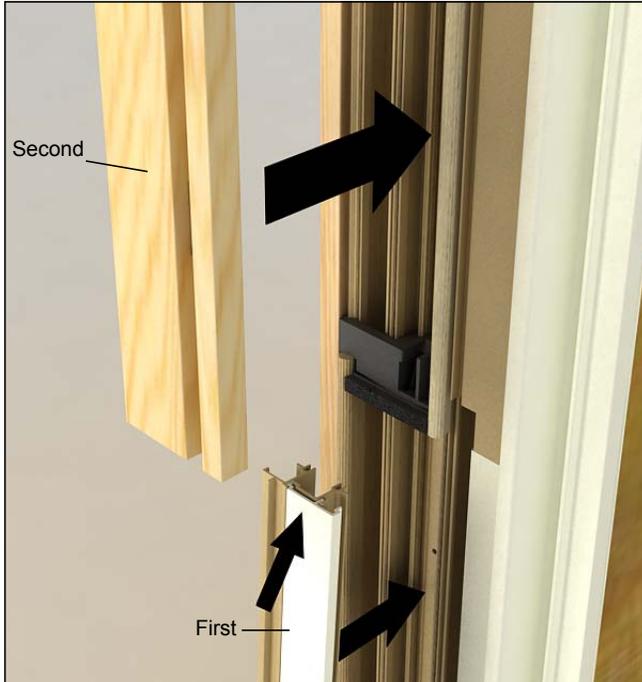


Figure 6



Tip

When trimming unit, make sure that fasteners will not penetrate the balance tube pocket or clutch assemblies.

Picture Units

NOTE: Picture units over a CN66 in width and CN68 in height (or larger than 67 1/4" (1708) x 69 1/2" (1765)) need to have install screws applied at the jambs as well as the head jamb of the unit.

Large picture units may require screws that go through the sash and into the exterior aluminum covers of the window, if these windows have the sash shipped separate from the frame, the sash will have pre-drilled holes for sash installation-these do not take the place of jamb installation screw.

- Sash shipped separate or sash removed:** Fasten frame to the rough opening using #8 X 3" screws driven perpendicular to the frame, 6" (152) from corners and a maximum of 13" (330) on center from there. *The screw will go through foam weather stripping.* See figure 7.

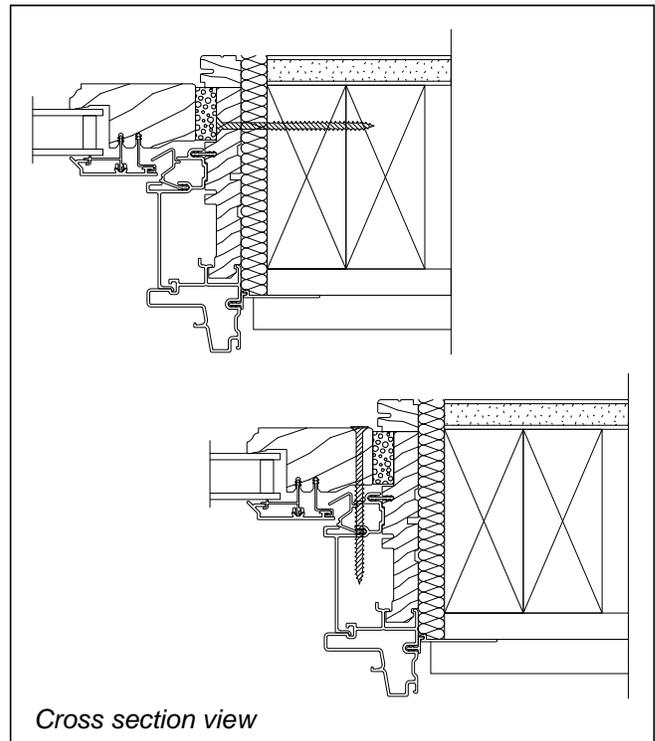


Figure 7

- Sash installed in frame:** Remove jamb stops. Fasten frame to the rough opening using #8 X 3" screws angled through frame of unit, 6" (152) from corners and a maximum of 13" (330) on center from there. See figure 8.

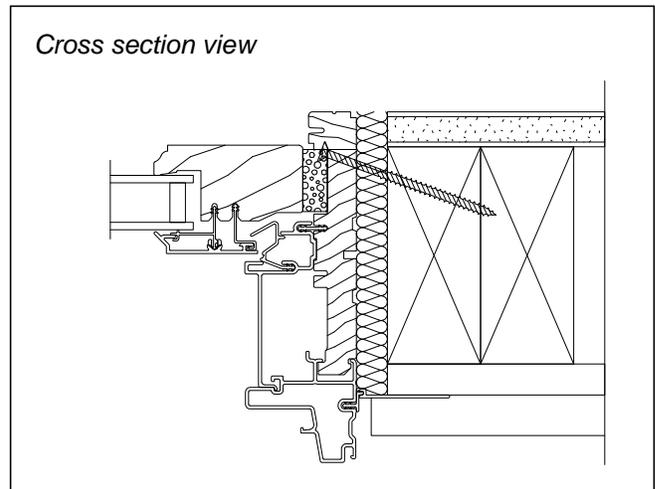


Figure 8