



Clearly the best.

Essence Double Hung
Installation Instructions
(Supplement)



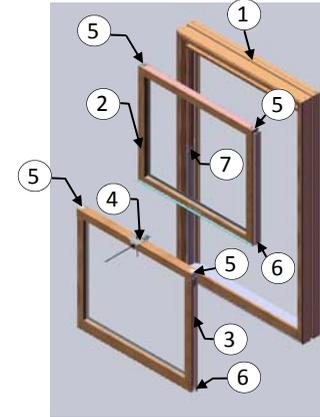
LA7901MM

Standard Frame Instruction

For Milgard Essence Series Double Hung Window

- For block, Insert, and Z-Bar Frames (Block frame shown, Insert and Z-bar similar)
- Install window in compliance with AAMA 2410-13 installation standard
- Prepare Rough Opening per window Installation Instructions
- Read all instructions before beginning installation

Double Hung Features

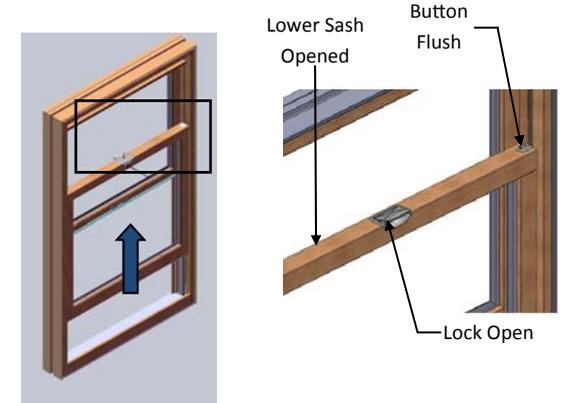


Part	Description
1	Window Frame
2	Upper Sash
3	Lower Sash
4	Lock
5	Sash Button
6	Sash Pivot Bars
7	Balancer Shoe

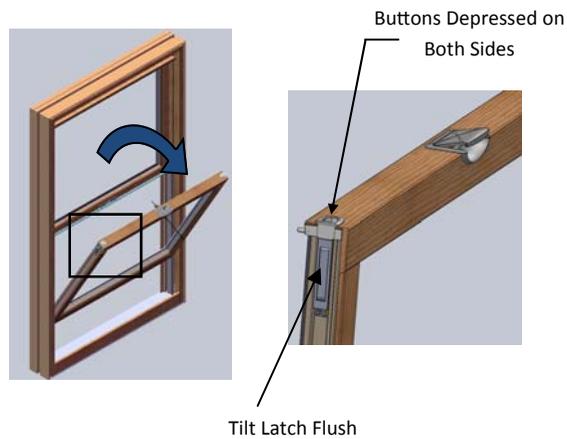
Lower Sash Removal

Note: Skip to page 10 if sashes are already removed.

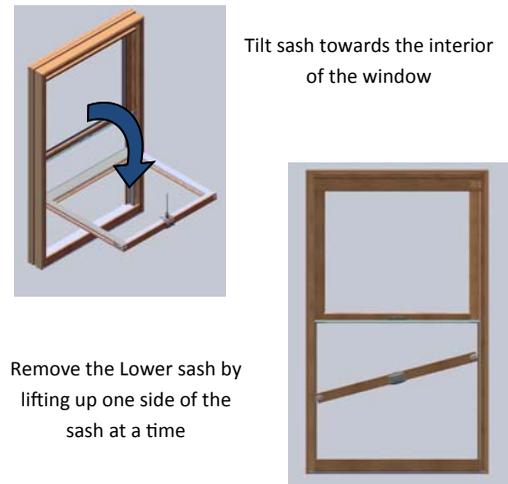
1A) Unlock the Lower sash and open it at least 6" from the sill.



1B) Depress buttons located at the top corners of the Lower sash, and carefully swing the sash towards the interior of the window.



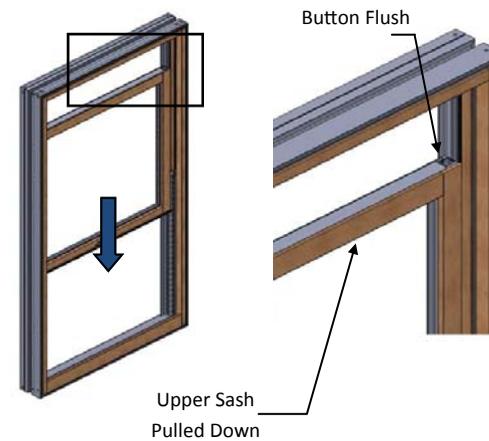
1C) With the sash parallel to the ground, lift one side up to disengage the sash from the frame.



Caution: Place sash in a safe place so it does not get damaged

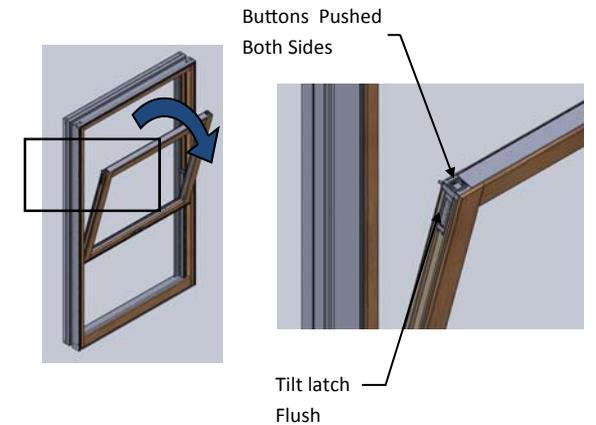
Upper Sash Removal

2A) Pull down the Upper sash at least 6" from the head.



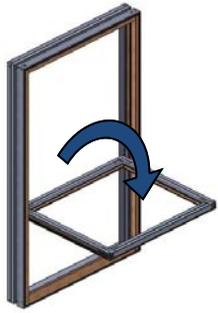
Upper Sash Removal, cont.

2B) Depress buttons located at the top corners of the Upper sash, and carefully swing the sash towards the interior of the window.

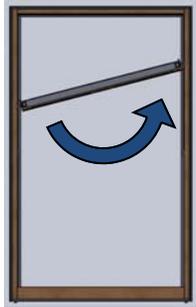


Upper Sash Removal, cont.

2C) With the sash parallel to the ground, lift one side up to disengage the sash from the frame.



Tilt sash towards the interior of the window

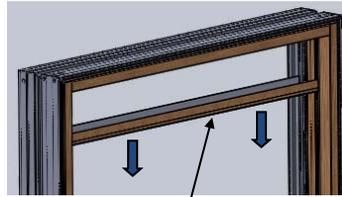


Remove the Upper sash by lifting up one side of the sash at a time

Caution: Place sash in a safe place so it does not get damaged

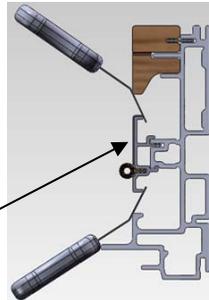
Parting Stop and Jamb Cover Removal

3A) Remove head parting stop with an angled putty knife.



Head Parting Stop

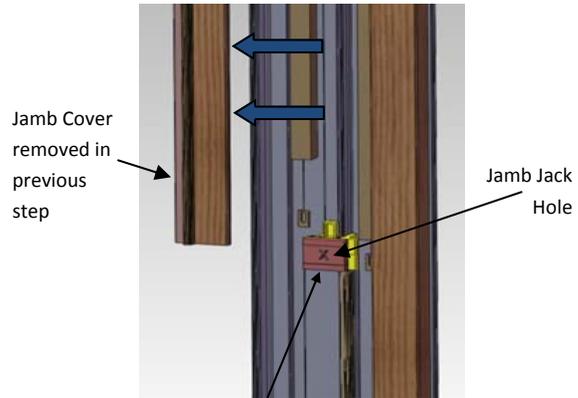
3B) Use an angled putty knife to remove the vinyl jamb cover on upper half of both jambs. Start prying **above** dust pad component.



Jamb Cover

Note: RH/LH Components

3C) Remove the Dust Pad from both jambs to expose the Jamb Jack holes. The Dust Pad has an adhesive on the back, and can be pulled off from the transition piece.



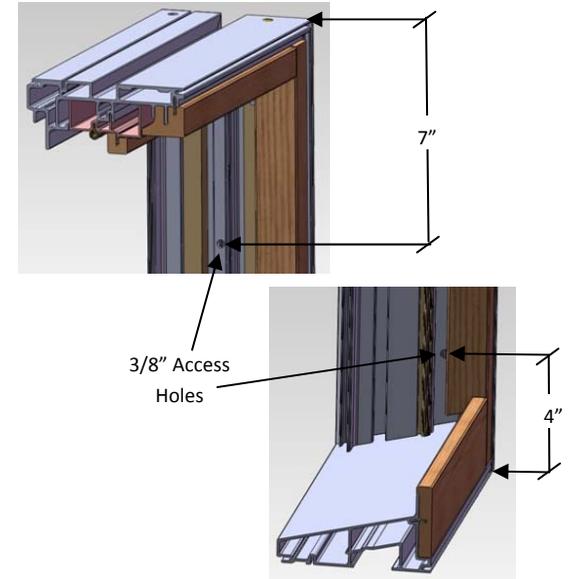
Jamb Cover removed in previous step

Jamb Jack Hole

Transition Piece

Window Installation

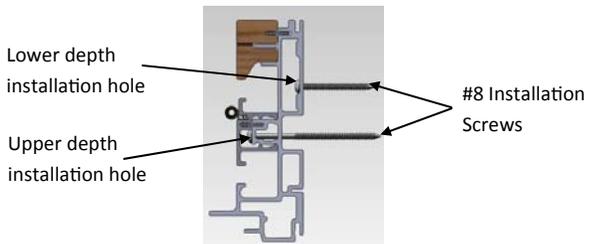
4A) Locate the factory drilled mounting holes 7" from the top and 4" from the sill.



3/8" Access Holes

Window Installation, cont.

4B) Install window into opening. Shim window as required to ensure that it is level, plumb and square. Place shims behind installation holes and install using #8 self drilling pan head screws at all locations.

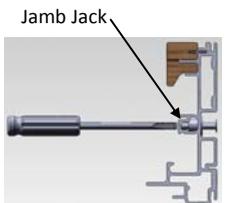


Lower depth installation hole

Upper depth installation hole

#8 Installation Screws

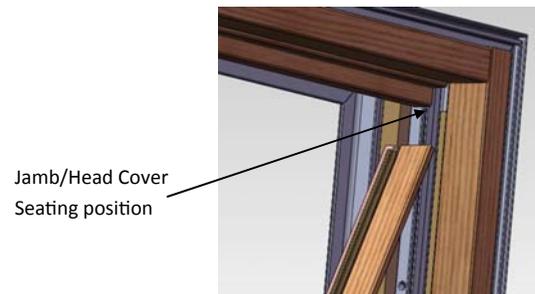
4C) Jamb Jack Adjustment



Check for jambs bowing out and adjust jamb jacks as necessary. Use a flat head screw driver, adjusting one jamb at a time, until optimal reveal is achieved.

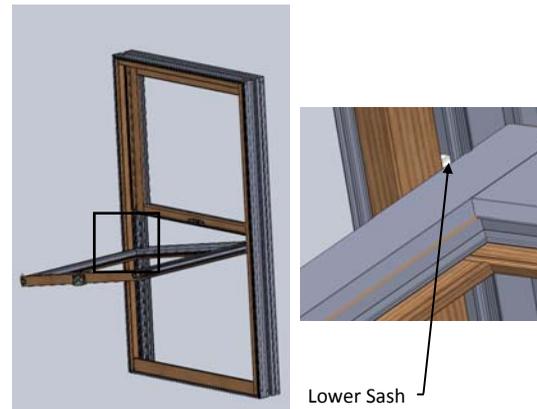
Reinstall Components

5A) Reinstall RH & LH Dust Pads on each respective jamb. Next, reinstall vinyl jamb cover by butting it up against the head and firmly pressing to re-seat. Finish by reinstalling the head parting stop over the jamb cover and firmly pressing it into the head.



Jamb/Head Cover Seating position

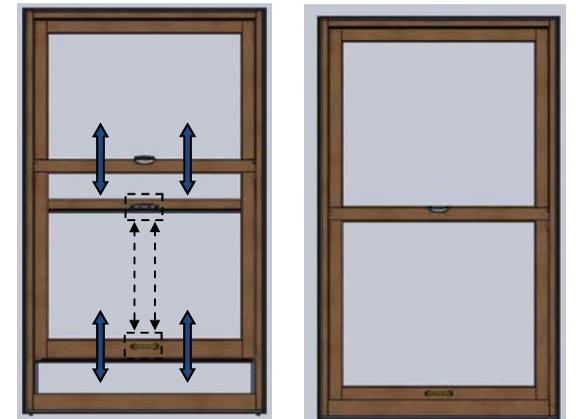
5B) Reinstall sashes, ensuring pivot bars are fully seated in the balancer shoes before rotating the sashes into the vertical operating position.



Lower Sash Balancer Shoe

Double Hung Inspection

6A) Check for consistent weather strip engagement, sash squareness in the frame, and secure latching.



6B) Close the window sashes and ensure the lock is in the "Locked" position.



Clearly the best.

Essence Casement/Awning
Installation Instructions
(Supplement)



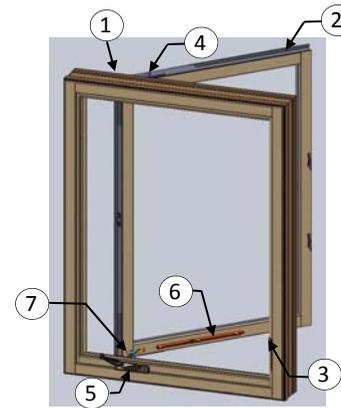
LA7902MM

Standard Frame Instruction

For Milgard Essence Series Casement/Awning Window

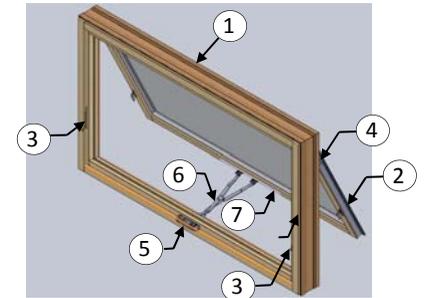
- For block, Insert, and Z-Bar Frames (Block frame shown, Insert and Z-bar similar)
- Install window in compliance with AAMA 2410-13 installation standard
- Prepare Rough Opening per window Installation Instructions
- Read all instructions before beginning installation
- Sash removal is not required

Casement Features



Part	Description
1	Window Frame
2	Casement Sash
3	Window Lock
4	Hinge Arm
5	Operator Handle
6	Operator Track
7	Stud Bracket

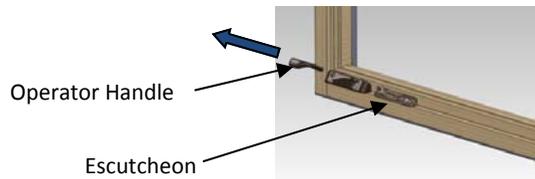
Awning Features



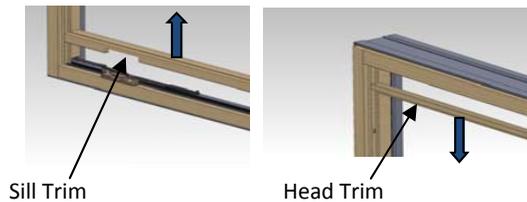
Part	Description
1	Window Frame
2	Awning Sash
3	Window Lock
4	Hinge Track
5	Operator Handle
6	Operator Arm
7	Operator Track

Trim Removal (Casement shown)

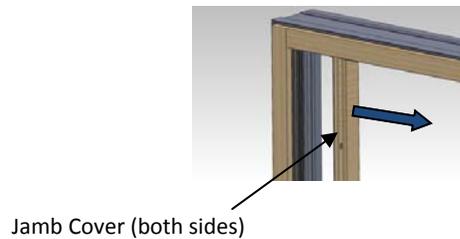
1A) Loosen set screw and remove operator handle and escutcheon from sill by lifting straight off with hands.



1B) Remove sill and head trim by using an angled putty knife and firmly pulling the trim from frame.



1C) Remove left and right jamb covers by using an angled putty knife and firmly pulling trim pieces away from jambs.

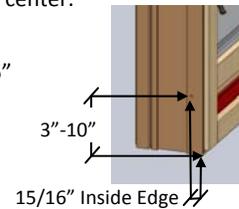


Caution: Place wood in a safe place so it does not get damaged

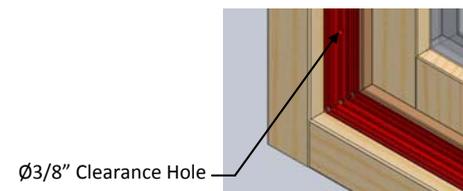
Locate and Drill Installation Holes

2A) Installation holes shall be no closer than 3" and no more than 10" from each corner, and spaced along the frame at a maximum of 16" on center.

From exterior side, drill $\varnothing 3/16"$ index holes completely through jamb $15/16"$ from inside edge.



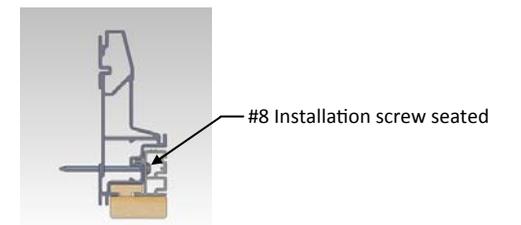
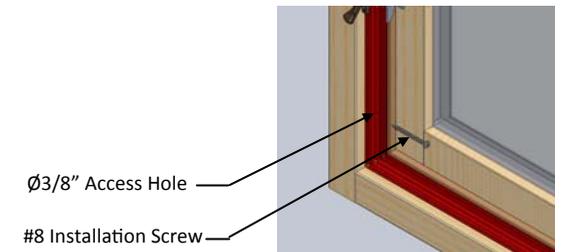
2B) From the inside of the window, use the $\varnothing 3/16"$ index holes as a pilot and drill a $\varnothing 3/8"$ clearance hole through interior wall of frame only.



Caution: Do not drill $\varnothing 3/8"$ hole through entire jamb

Window Installation

3) Install window into opening. Shim window as required to ensure that it is level, plumb, and square. Place shims behind installation holes and install using #8 self drilling pan head screws at all locations.



Reinstall Components

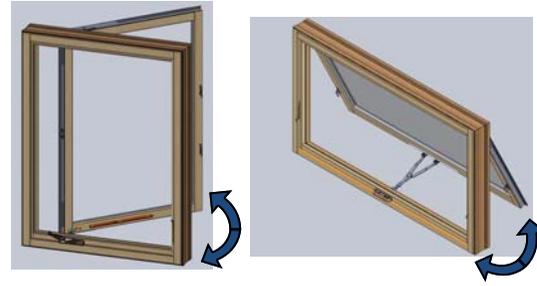
4A) Reinstall jamb trim first, followed by the head and sill trims.

4B) Reinstall the escutcheon and operator handle.

9

Casement/Awning Inspection

5A) Check for consistent weather-strip engagement, sash squareness in the frame, and secure latching.



5B) Confirm open/close operation with the handle, and ensure the lock travels up and down.

10



Clearly the best.

Essence Radius/Gable Installation Instructions (Supplement)



LA7903MM

Standard Frame Instruction

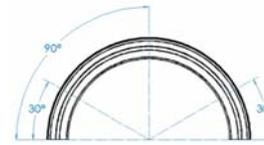
For Milgard Essence Series Radius/ Gable Window

- For block, Insert, and Z-Bar Frames (Block frame shown, Insert and Z-bar similar)
- Install window in compliance with AAMA 2410-13 installation standard
- Prepare Rough Opening per window Installation Instructions
- Read all instructions before beginning installation

2

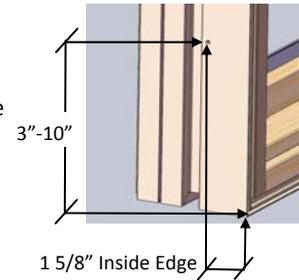
Locate and Drill Installation Holes

1A) Installation holes shall be no closer than 3" and no more than 10" from each corner and spaced along the frame at a maximum of 16" on center.



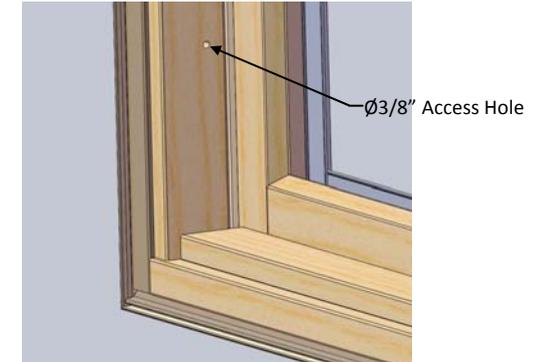
Typical screw locations on a Radius window

From exterior side of the window, drill $\varnothing 3/16$ " index holes completely through the frame, 1-5/8" from inside edge of frame.



3

1B) From the inside of the window, use the 3/16" holes as a pilot to drill 3/8" access holes. The access holes should be drilled from the inside of the window through the wood and first wall of the frame.

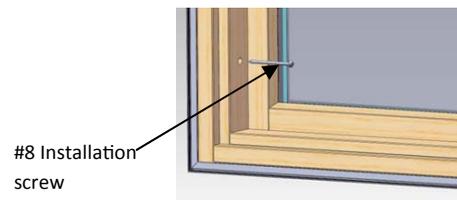


Caution: Do not drill $\varnothing 3/8$ " hole through entire jamb

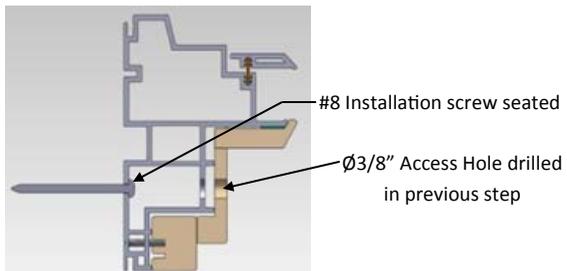
4

Window Installation

2A) Install window into opening. Shim window as required to ensure that it is level, plumb and square. Place shims behind installation holes and install using #8 self drilling pan head screws at all locations.



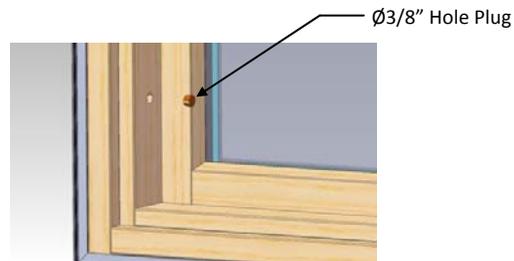
#8 Installation screw



#8 Installation screw seated
 $\varnothing 3/8$ " Access Hole drilled in previous step

5

2B) After all the screws are installed and tightened it will be necessary to plug installation holes using 3/8" diameter wood plugs. Plugs must be glued in and then sanded flush.



$\varnothing 3/8$ " Hole Plug



6



Clearly the best.

Essence Glider

Installation Instructions (Supplement)



LA7904MM

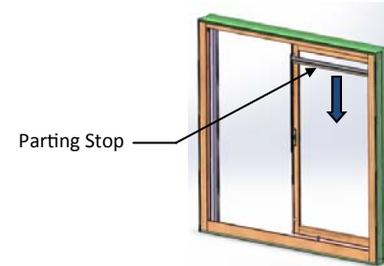
Standard Frame Instruction

For Milgard Essence Series Glider Window

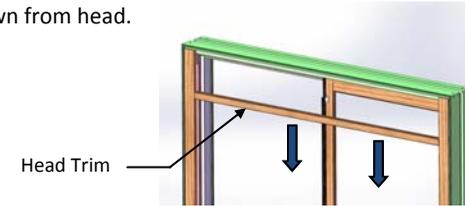
- For block, Insert, and Z-Bar Frames (Block frame shown, Insert and Z-bar similar)
- Install window in compliance with AAMA 2410-13 installation standard
- Prepare Rough Opening per window Installation Instructions
- Read all instructions before beginning installation
- Sash removal is not required

Glider Trim Removal

1A) Remove Parting Stop as shown, by firmly pulling component straight down off frame.



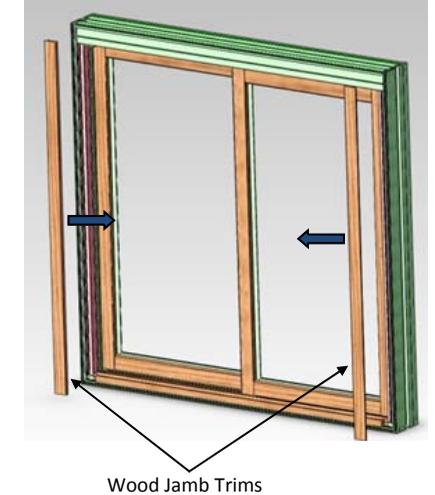
1B) Remove Head trim by firmly pulling component down from head.



Caution: Place wood in a safe place so it does not get damaged

Glider Trim Removal, cont.

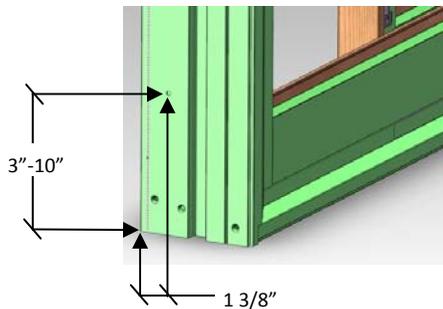
1C) Remove Wood Jamb trims. Pull firmly from top.



Caution: Place wood in a safe place so it does not get damaged

Locate and Drill Installation Holes

2A) From exterior side of frame, drill 3/16" index holes completely through both jambs 1-3/8" from the inside edge of the frame.

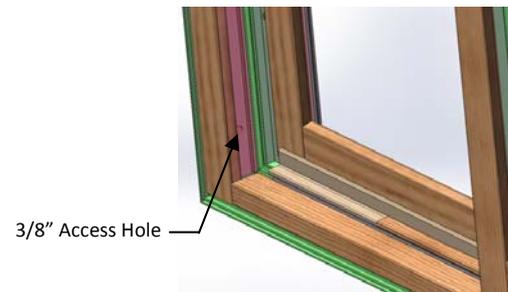


Installation holes shall be no closer than 3" and no more than 10" from each corner, and spaced along the frame at a maximum of 16" on center.

Caution: Do not drill into the sill

Locate and Drill Installation Holes, cont.

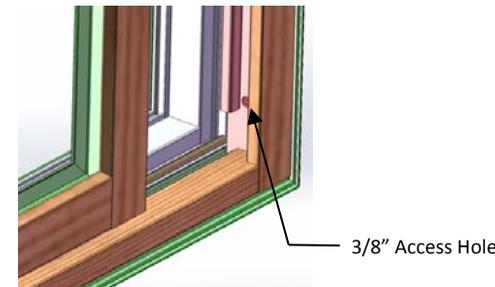
2B) From the inside of the window, close the vent and find the index holes on the fixed side of the frame. Using these holes as a pilot to drill 3/8" access holes through only the first wall of the frame for screw head clearance.



Caution: Do not drill 3/8" holes through the entire jamb

Locate and Drill Installation Holes, cont.

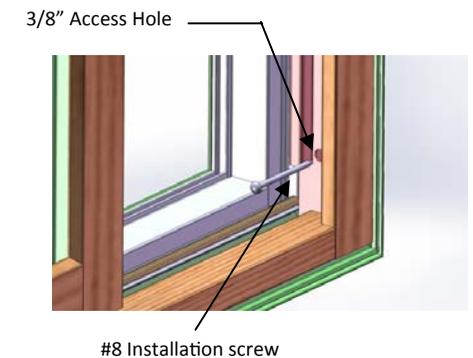
2C) From the inside of the window, open the vent and find the index holes on the operable side of the frame. Using these holes as a pilot to drill 3/8" access holes through only the first wall of the frame for screw head clearance.



Caution: Do not drill 3/8" holes through the entire jamb

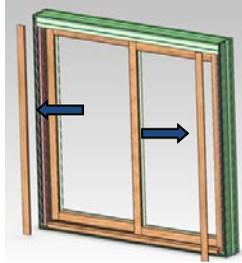
Window Installation

3) Install window into opening. Shim window as required to ensure that it is level, plumb and square. Place shims behind installation holes and install using #8 self drilling pan head screws at all locations. Plug 3/8" screw hole in the frame binder with IM6712XX 3/8" hole plug.

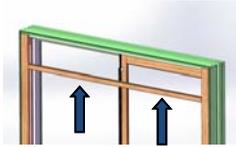


Reinstall Components

4) Reinstall Wood Jamb trim, then Head trim, and finally the Parting Stop.



Wood Jamb Trim



Head Trim

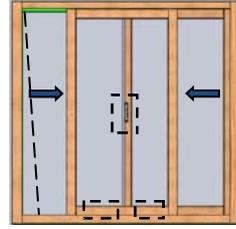


Parting Stop

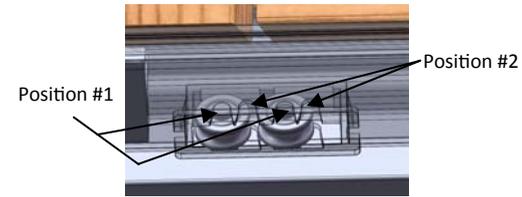
9

Glider Inspection

5A) Check for consistent weather strip engagement, sash squareness in the frame, and secure latching.



Check sight lines of vent when window is closed. Roller can be repositioned to accommodate for unequal sight lines by moving the wheel to the alternate position.



10

Glider Inspection, cont.

5B) Confirm open/close operation, and ensure the lock travels to the Locked position.

11



Clearly the best.

Essence (DSPW)
Installation Instructions
(Supplement)



LA7905MM

Standard Frame Instruction

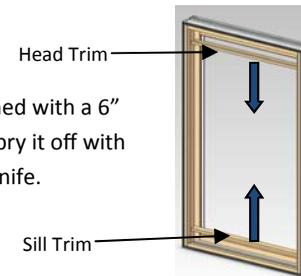
For Milgard Essence Series Direct Set Picture Window

- For block, Insert, and Z-Bar Frames (Block frame shown, Insert and Z-bar similar)
- Install window in compliance with AAMA 2410-13 installation standard
- Prepare Rough Opening per window Installation Instructions
- Read all instructions before beginning installation
- Insulated Glass must be installed prior to Window Installation (See LA7933MM for Ship Open Installation).

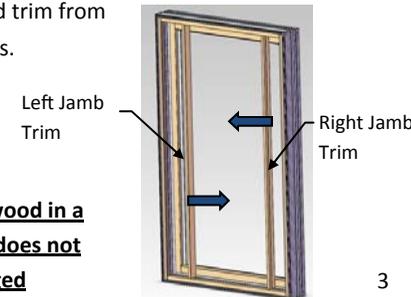
2

Trim Removal

1A) Remove Wood trim from the head and sill.



1B) Remove wood trim from left and right jambs.

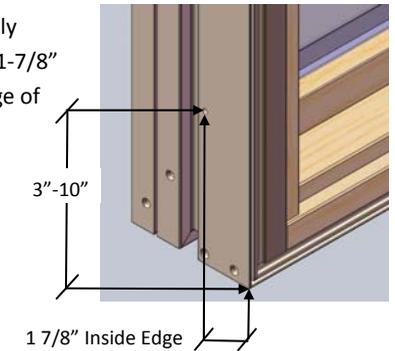


3

Locate and Drill Installation Holes

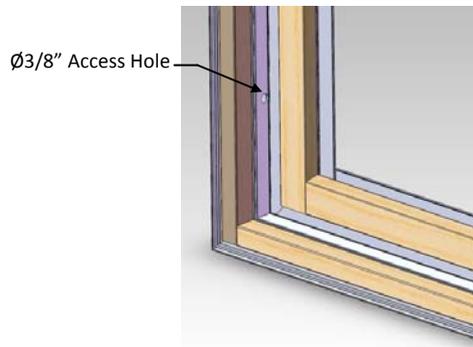
2A) Installation holes shall be no closer than 3" and no more than 10" from each corner, and spaced at a maximum of 16" on center. Each of these holes shall be 1-7/8" from the inside edge of the frame (see picture below).

From exterior side, drill $\varnothing 3/16"$ index holes completely through jamb, 1-7/8" from inside edge of frame.



4

2B) From the interior of the window, use the 3/16" holes as a pilot to drill $\varnothing 3/8"$ access holes through the first wall of the frame for screw head clearance.

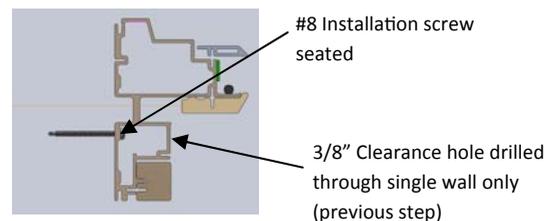
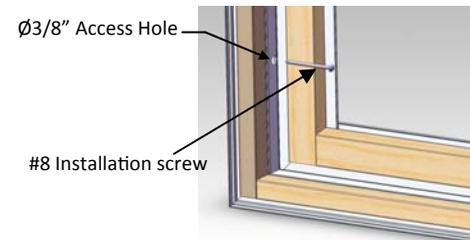


Caution: Do not drill $\varnothing 3/8"$ hole through entire jamb

5

Window Installation

3) Install window into opening. Shim window as required to ensure that it is level, plumb and square. Place shims behind installation holes and install using #8 self drilling pan head screws at all locations.



6

Reinstall Components

4) Reinstall both wood jamb trims first, followed by the head and sill wood trim.

7