

**Interior
 Replacement
 Installation
 Instructions
 for Double Hung
 Vinyl Windows**



Tools needed:

- Utility Knife
- Caulking Gun & Caulk
- Drill/Screw Gun
- Small Flat Pry Bar
- Level or Straight Edge
- Straight Screwdriver with 3/16" blade
- Phillips Screwdriver
- Hammer

In this Window Package: SCREW PACK

1 Inspect Window & Opening

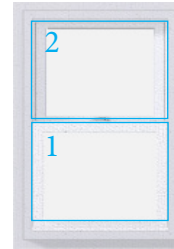
Interstate is not responsible for the reinstallation of windows due to incorrect size, options or damage; inspect all new windows before removing old ones.

- Check frame opening width and height, each must be 1/4" to 1/2" larger than replacement window frame dimensions.
- Installation of this window is done from the "Interior" with window treatments removed.
- Unwrap unit from packaging being careful not to damage window or screen. Remove and safely store screen until installation is complete.

2 Remove Old Sashes

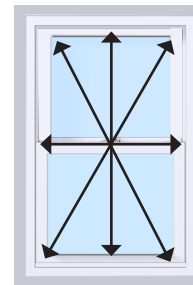
Refer to "Existing Wood Window Removal" instructions for safe window removal and recycling information.

- Remove interior stops, cut balance cords, remove lower sash. (1)
- Remove parting stops, cut balance cords, remove upper sash. (2)
- Remove old pulleys if they obstruct the opening.
- Clean all debris from opening.



3 Inspect & Verify Fit

- Carefully set window unit into opening and on top of two 1/4" flat shims, which are to be located directly under jambs; center unit in opening.
- Add additional shims at sill to make the sill of window level.
- Verify that unit can be installed plumb, level and square.
- Determine if needed and prepare the head expander supplied with the window.
- Remove window from opening after new window is reinspected for specifications and damage.

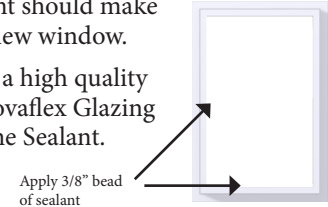


4 Head Expander Application

- Apply a loose layer of unfaced fiberglass to the exterior side of head of window.
- Position head expander on top of master frame.

5 Apply Sealant

- Apply a 3/8" bead of ASTM approved sealant to window frame opening on the interior side of the exterior stops and along the sill at the stool. Sealant should make contact with the new window.
- We recommend a high quality sealant such as Novaflex Glazing & Building Silicone Sealant.

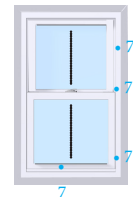


6 Position & Shim

- With sashes locked, carefully set window unit into opening and on top of the sill shims, centering unit in opening.
- Shim unit at the four predrilled hole locations; 3" from the top and 4" from the bottom of side jambs. Use flat or opposing beveled shims to prevent jambs from twisting. (6)
- Screw in jamb adjusters located in the center of the jamb until the frame felt makes even contact with the sash. Shims can be applied between jamb adjuster and old frame if necessary.



- Check that all reveals are equal, adjusting them to assure perfect performance and operation. (7)

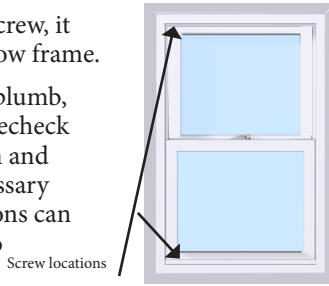


7 Secure

- Fasten unit through the side jambs at the pre-drilled hole locations located behind the sash pockets. Screws from screw pack supplied. Interior sash track receives shorter screws; exterior sash track receives longer screws.

- Do not over tighten screw, it could distort the window frame.

- Recheck window for plumb, level and squareness. Recheck window unit operation and reveals. Make any necessary adjustments. Plug buttons can then be applied to jamb adjuster holes.



- Adjust head expander to proper height of opening.

- Fasten head expander with 2 small white screws (supplied). Locate them 3" from each corner to assure a weather tight fit.

8 Insulate

- Insulate perimeter of window with low expanding foam or loosely packed fiberglass insulation.

- Don't over pack insulation or overfill with foam which could create a bowed frame and cause poor performance.

9 Apply Sill Expander & Trim

- Cut Sill Expander. Measure from the top edge of the mull groove to the existing sill and deduct 1/8" to assure proper fit of supplied sill expander. (Sill expander should not be touching the sill. Leave 1/8" gap.)

- Install sill expander by tapping in both ends and working your way to the center (in a zipper-like action).

- Trim all shims even with the wall.

- Apply exterior trim if necessary.

10 Complete to Insure Weather-Tight Installation

- Apply a 1/4" bead of an ASTM approved exterior sealant (such as Novaflex Glazing & Building Silicone Sealant) between the replacement window and the original window frame.

- Seal the bottom edge of the sill expander to the original sill, leaving two 1" sections (weep holes) unsealed. (This allows any trapped moisture to weep out).

- Reapply original interior trim or fit unit with new trim.

- Recheck window operation and function and reinstall the screen.

Maintenance

Precautions:

- Protect window from direct contact with any brick washes or other chemicals.
- Properly mask windows when painting or staining.
- Be careful, metal razor blades can damage the glass or other surfaces.
- Do not use abrasive cleaners on vinyl or glass surfaces, they will scratch the surface.

Cleaning:

- Clean glass with a liquid glass cleaner and a soft towel.
- Window frames and sash can be cleaned using a mixture of a mild detergent and water with a soft towel or brush.
- Clean balances by flushing with clean water. Do not use chemicals or lubricants.
- Isopropyl alcohol can be used for tough-to-clean areas.
- For additional information go to www.interstatebldg.com.



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