SERVICE INSTRUCTION

Reglazing–10 Series 1/2" Flush Flange Fixed, Single-Hung, and Sliding Window

These instructions apply to:

Pella® 150 Series 2021 - Current
Centera by Pella™ 02/2007 - 2011
ThermaStar by Pella® 2003 - 01/2022
Encompass by Pella™ 2/2008 - Current

Tools Required:

- Fein Model FSC1.6 electric glass removal tool or Fein Model AS+Ixe electric special cutter
- Fein Mushroom Shaped Blade: - Part # 6-39-03-128-01-2 or similar deglazing tool and blade
- GE Silicone II - Window and Door Silicone

Note: Replacing the glass will be easier if the window sash is removed from the frame. If the sash is not removed, proceed to step **2 Removing The Fixed Insulating Glass**.

CAUTION!

- Use appropriate personal safety equipment.
- If original glass is tempered, replacement glass must also be tempered
- Weight and size of glass may require two or more persons during the replacement process.

1 Removing The Glass From The Operating Sash:

Note: Suction cups are recommended when handling the glass.

A. Remove sash/panel per appropriate replacement instructions and place on a smooth, clean, flat surface with the exterior side up, being careful to avoid damaging the interior surface.

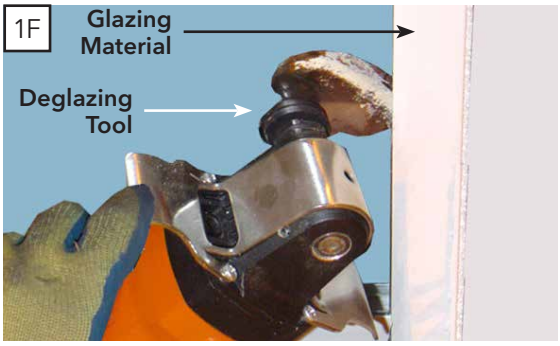
B. Remove the glazing beads per the *Glazing Bead Replacement Instructions* in PERL.

C. Flip the sash/panel over so interior side is up.

D. Place wood blocks under the glass to support it while the glazing material is cut.

E. Apply isopropyl alcohol to the glazing material to improve cutting efficiency.

F. Use a deglazing tool; begin at the bottom and cut through the glazing materials. Continue to apply isopropyl alcohol as needed to lubricate the tool blade. **Keep the tool moving to avoid softening and deforming the vinyl material**.

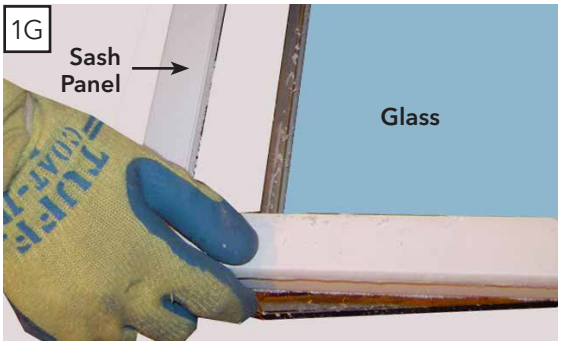


G. Carefully lift off sash/panel to remove the glass. Discard glass in a safe manner.

H. Flip unit over so interior side is down.

I. Remove any loose debris from the sash.

Proceed to step 3 Installing The Glass.



© 2006 Pella Corporation

2 Removing The Fixed Insulating Glass:

Note: DO NOT remove glazing beads prior to cutting the glazing material. Glazing beads must remain to hold the glass in the frame.

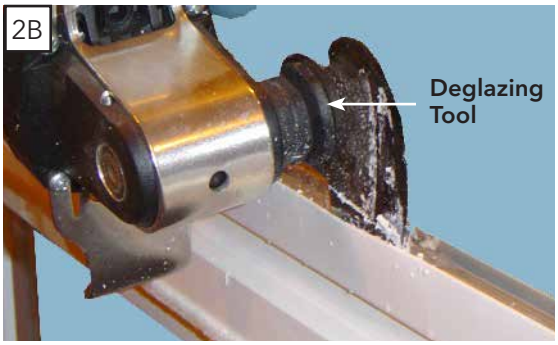
A. Apply isopropyl alcohol to the glazing material to improve cutting efficiency.

B. Use a deglazing tool; begin at the bottom and cut through the glazing materials. Continue to apply isopropyl alcohol as needed to lubricate the tool blade. **Keep the tool moving to avoid softening or deforming the vinyl material**.

C. Attach section cups to the glass. Remove the glazing beads, and use the suction cups to carefully remove the glass from the unit. Discard glass in a safe manner.

D. Remove any loose debris from the window frame.

2B



3 Installing The Glass:

Note: Suction cups are recommended when handling the glass.

A. Dry fit the glass prior to applying sealant to verify correct glass size and fit.

B. Apply a 3/16" diameter continuous bead of silicone all the way around the sash/panel as shown.

C. Place a setting block onto the ledge of the bottom rail or frame member within 4" of each corner. If the glass is ≥ 36" wide, place an additional glass setting block in the middle of the bottom rail.

Note: Insure the setting blocks do not obstruct the weep holes.

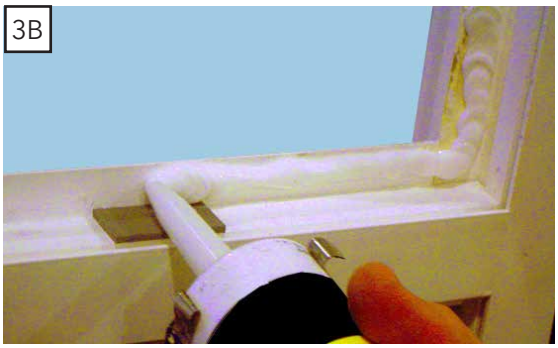
D. Install the new glass into the opening. Place the glass on the setting blocks at the bottom rail and center it side to side. Press the glass to sealant tight against the inside stop. This will insure proper glass to sealant contact.

E. Reinstall the glazing beads per the *Glazing Bead Replacement Instructions* in PERL.

F. If applicable, reinstall the sash/panel per the appropriate replacement instructions.

G. Clean up any excess silicone that has squeezed out onto the glass on the interior of the sash/panel.

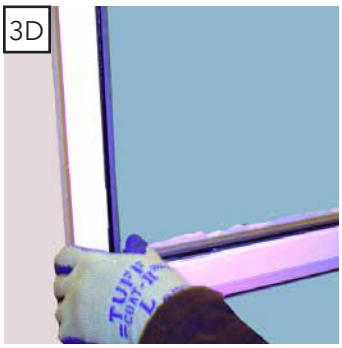
3B



3D



3D



3G

