Premium Wood Entry Door Re-Glazing
Service Instruction

These instructions apply to:
Pella Wood Entry Door 2007 - Current

Tools/Supplies Required:
- Utility knife
- Stiff putty knife
- Small Prybar
- Pliers or side cutters
- Shims
- Hammer or nail gun
- 3/4" finish nails
- Exterior-grade (silicone) sealant
- Sealant gun

Two or more people will be required for the following instruction!

NOTE: Remember to use appropriate personal safety equipment when re-glazing.

CAUTION!
Panel may be heavy.

Re-Glazing instructions included for the following Door Types:

Craftsman.....Pages 2-5
Mahogany & Cherry Non-Oval Doors & Sidelights (Non-TDL).....Pages 6-8
Mahogany with Oval Glass.....Pages 9-12
Rustic Walnut & Mahogany True Divided Light.....Pages 13-16
Oak Doors with Exterior Iron Grille.....Pages 17-19

Pella recommends removing door panel when possible and laying the panel on a flat and sturdy surface during re-glazing procedure.

1 Remove the Door Panel:

A. Use hammer and a nail or other such tool to knock each hinge pin up and out of the hinge knuckles.


1A

B. Remove the panel and lay it flat on a smooth, flat and sturdy surface.

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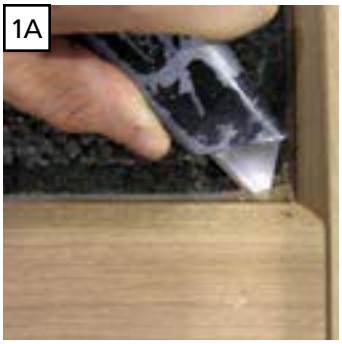
Rev. 10/30/07 **Part Number: E29302**

Craftsman Door Re-glaze

Craftsman doors are glazed with individual lites of glass using a single removable exterior grille. The interior glazing grille is fixed.

1 De-glaze the Door Panel:

A. With the interior of the panel facing up; Use a utility knife to cut the sealant between the interior glazing grille/stop and the piece(s) of glass to be removed/ replaced.





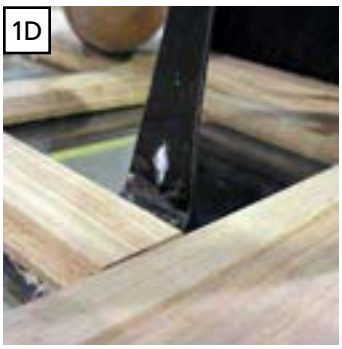
B. Flip the panel over and cut the sealant between the exterior grille/stop and the glass around all the pieces of glass. The exterior glazing stop can be removed in one piece.

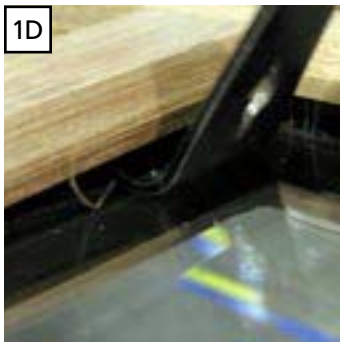


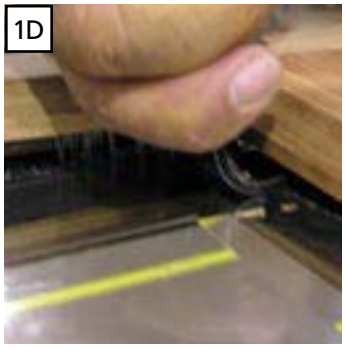


C. If the door/sidelight is finished, cut the exterior finish at the junction of the stops and panel with a utility knife. This should help prevent damage to the existing panel finish.

D. Gently pry up the grille/stop, working slowly all the way around each piece of glass. It may be necessary to repeat cutting sealant between the stop and glass while pulling it up to prevent breakage.









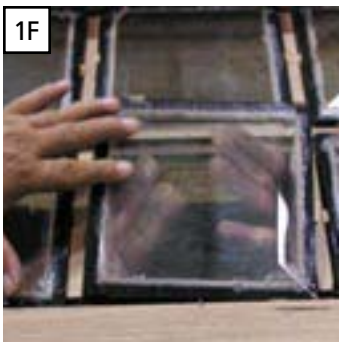
1 De-glaze the Door Panel (continued):

E. Lift the stop off the panel. The grille/stop may separate slightly at the joints, or one of the cross bars may come loose, however as long as there are no cracks or other damage, it can be re-used.





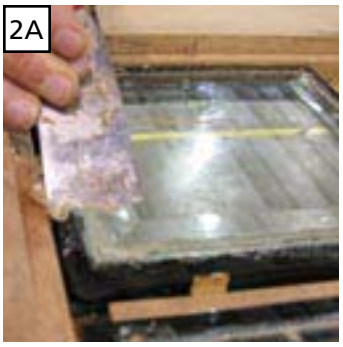
F. Carefully remove the necessary piece(s) of glass from the interior glazing grille/stop.





2 Prep the Craftsman Door Panel for Re-glaze:

A. Clean the sealant from all the pieces of glass not removed from the panel. Remove all nails from around the glazing area of the panel.





B. Clean off the remaining excess original sealant from the interior glazing stop from where the glass was removed.



2 Prep the Craftsman Door Panel for Re-glaze (continued):

C. If reusing the removed exterior glazing grille/stop, remove the nails and clean off excess original sealant.

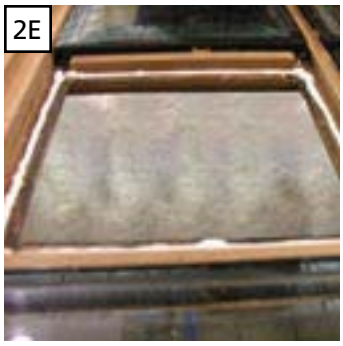




D. Test fit the replacement glass into the opening and the stop onto the glass to determine glass site lines for locating any needed shims used in Step 3A.

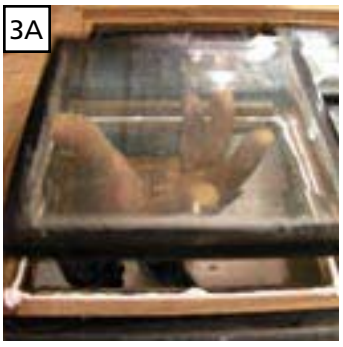
E. Apply a 1/8"-3/16" bead of exterior-grade sealant on the interior glazing stop around the perimeter of the glass opening.





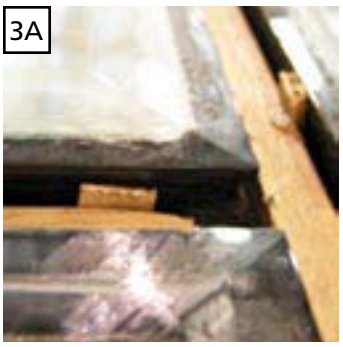
3 Re-glaze the Panel:

A. Install the replacement glass, with the bevel to the exterior, into the glass opening pressing it into the sealant. Use wood or plastic shims as needed to help secure the glass in the opening.





NOTE: Beveled side of glass must face the exterior.

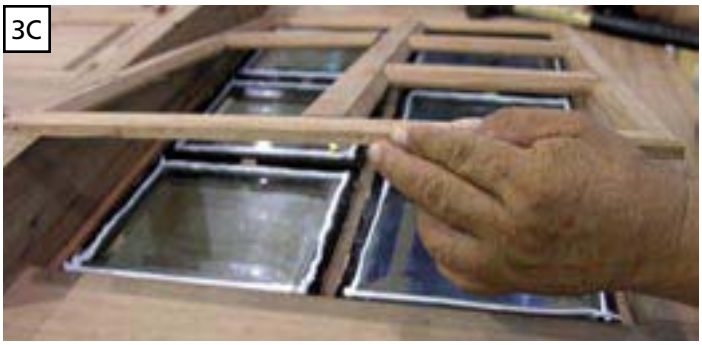


B. Apply a 1/8"-3/16" bead of sealant around the perimeter of each piece of glass.



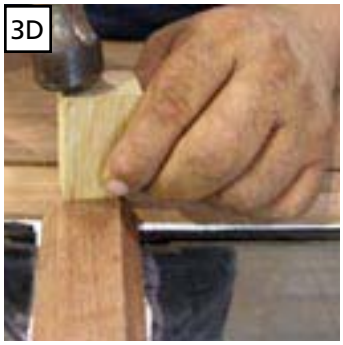
3 Re-glaze the Panel (continued):

C. Place the exterior grille/stop over the glass. (If reusing the removed grille, a cross bar or two may need to be installed separately.)

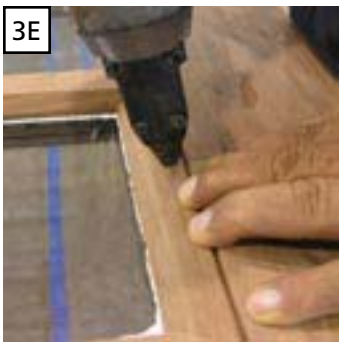


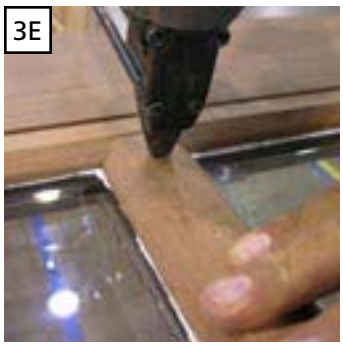
D. Press down on the grille/stop to ensure proper sealant set between the glass and stop. Tap on a block of wood with a hammer to assist in seating the grille/stop all around the outside edge and on the cross bars.





E. Attach the grille/stop using ¾" finish nails inserted at an angle away from the glass (to avoid breakage) around the perimeter approximately 6" apart. Insert nails straight in the grille/stop near the end of each of the shorter bars and 6" apart in the long cross bar.









F. Clean off any excess sealant squeeze-out.

G. Fill nail holes with matching wood putty and finish as needed per finish manufacturer's instructions.

H. Re-install the panel, align the hinge knuckles and insert the hinge pins.



Mahogany & Cherry Non-Oval Door & Sidelight Re-glaze (Non-TDL)

Mahogany and Cherry non-oval doors and sidelights are glazed using removable interior glass stops around a single glass opening.

1 De-glaze the Door Panel:

A. If de-glazing a panel, place panel with the exterior of the panel facing up. If de-glazing a sidelight, begin on the exterior; Use a utility knife to cut the sealant between the exterior glazing stop and the glass.



B. If de-glazing a panel, flip the panel over. If de-glazing a sidelight, go to the interior; Use a utility knife to cut the sealant between the interior glazing stops and the glass.



C. If the door/sidelight is finished, cut the interior finish at the junction of the stops and panel with a utility knife. This should help prevent damage to the existing panel finish.

D. Use a putty knife or small pry bar to remove each glass stop. Placing the putty knife or pry bar close to the nails in the stop may increase the potential to remove the stop undamaged.





E. Carefully remove the glass.





1 De-glaze the Door Panel (continued):

F. Remove any remaining excess original sealant from the exterior glazing stop.





G. Remove any exposed nails.



2 Re-glaze:

A. Test fit the replacement glass into the opening and the stop onto the glass to determine glass site lines for locating for any needed shims used in Step 2D.

B. Apply a 1/8"-3/16" bead of exterior-grade sealant on the exterior glazing stop around the perimeter of the glass opening.





C. Place the glass in the panel, press the glass into the sealant.

NOTE: If using beveled glass, the beveled side must face the exterior.





D. On sidelights be sure to hold the glass; Place wood or plastic shims, as necessary at the top, bottom and sides of the glass to center the glass and correct any sight lines.

E. If needed, cut and test fit new interior stops to fit the opening.





2 Re-glaze (continued):

F. Apply an 1/8" bead of silicone around the perimeter of the interior glass surface.





G. Place the interior glazing stop around the glass and attach using ¾" finish nails, inserted at an angle away from the glass..









H. Clean off any excess sealant squeeze-out.





I. Fill nail holes with matching wood putty and finish as needed per finish manufacturer's instructions.

J. Re-install the panel, align the hinge knuckles and insert the hinge pins.



Mahogany with Oval Glass Re-glaze

Mahogany oval decorative door panels are glazed with oval glass using an oval removable exterior glass stop.

1 De-glaze the Door Panel:

A. With the exterior of the panel facing up; Use a utility knife to cut the sealant between the exterior glazing stop and the glass.

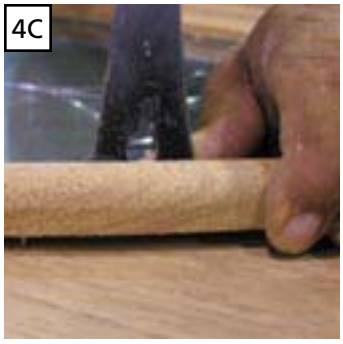




B. If the door/sidelight is finished, cut the exterior finish at the junction of the oval stop and panel with a utility knife. This should help prevent damage to the existing panel finish.

C. Use a putty knife or small pry bar to remove the exterior glass stop. Placing the knife near the stop nails when prying will help reduce possibility of breaking the stop. Go slowly working around the oval stop.



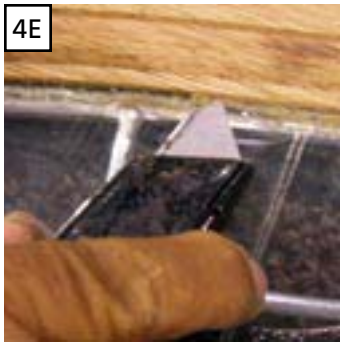


D. Remove any exposed nails.



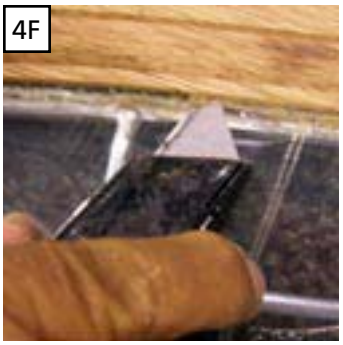
E. Flip the panel over to the interior is facing up. Prop the top of the panel up with a block of wood. Use a utility knife to cut the sealant.





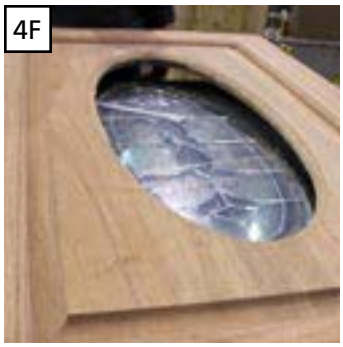
1 De-glaze the Door Panel (continued):

F. Use a utility knife to cut the sealant between the glass and panel. Once all the sealant is cut, the glass will come loose from the panel.



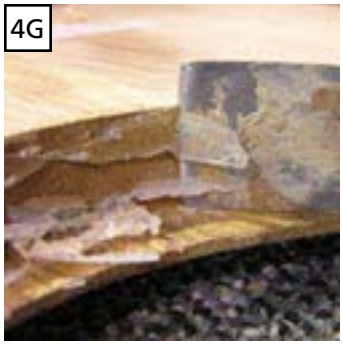






G. Flip the panel over. Clean off the remaining excess original sealant from where the glass was removed.





2 Re-glaze:

A. Test fit the replacement glass into the opening and the stop onto the glass to determine glass site lines for locating for any needed shims used in Step 2E.

B. Apply a 1/8"-3/16" bead of exterior-grade sealant on the exterior glazing stop around the perimeter of the glass opening.





2 Re-glaze (continued):

C. Place the glass in the panel, press the glass into the sealant.





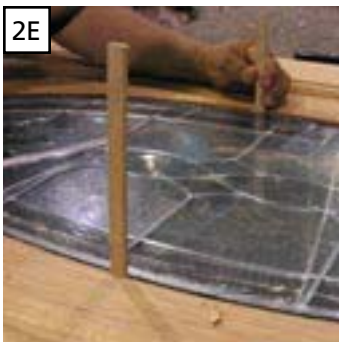
NOTE: If using beveled glass, the beveled side must face the exterior.

D. Test fit the glazing stop to check for glass sight lines and to determine where to place shims.

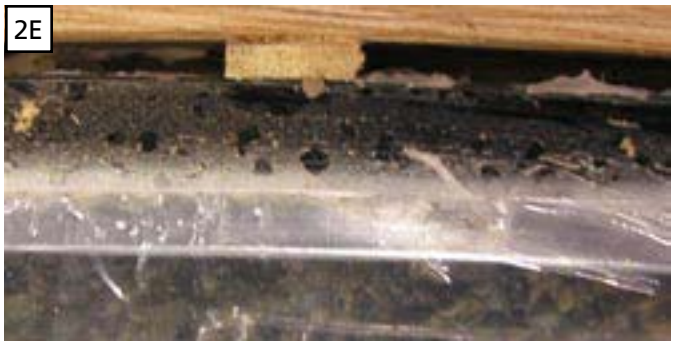


E. Place wood or plastic shims, as necessary at the top, bottom and sides of the glass to center the glass and correct any sight lines.

Repeat 2D & 2E as needed.







F. Apply a 1/8"-3/16" bead of exterior-grade sealant on the exterior glazing stop around the perimeter of the glass opening





2 Re-glaze (continued):

G. Apply 1/8" bead of silicone on the inside edge of the oval glazing stop.



H. Place the oval exterior glazing stop around the glass.



I. Attach the stop using ¾" finishing nails spaced 6" apart inserted at an angle away from the glass.



J. Clean off excess sealant squeeze-out.



K. Fill nail holes with matching wood putty and finish as needed per finish manufacturer's instructions.

L. Re-install the panel, align the hinge knuckles and insert the hinge pins.



Mahogany / Rustic Walnut TDL Door Re-glaze

True Divided Light door panels are glazed with individual lites of glass using individual removable interior glass stops.

1 De-glaze the Door Panel:

Rustic Walnut Photos Shown:

A. With the exterior of the panel facing up; Use a utility knife to cut the sealant between the exterior glazing stops and the piece(s) of glass to be removed/replaced.





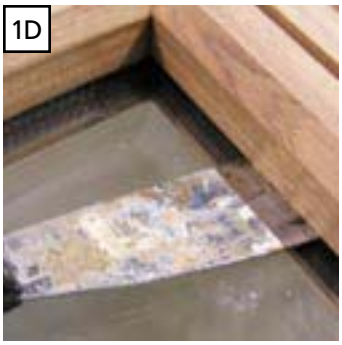
B. Flip the panel over and cut the sealant between the interior glazing stop and the glass to be removed.





C. If the door/sidelight is finished, cut the interior finish at the junction of the stops and panel with a utility knife. This should help prevent damage to the existing panel finish.

D. Gently pry up the glazing stop, working slowly all the way around each piece of glass being replaced. It may be necessary to repeat cutting sealant between the stop and glass while pulling it up to prevent breakage.





E. Lift the stop from around the glass; on Mahogany doors, the glazing stops will be four individual pieces. On Rustic Walnut doors, it should come off in one piece; however the grille/stop may separate slightly at the corner joints. As long as there are no cracks or other damage in the stop, it can be re-used.



1 De-glaze the Door Panel (continued):

F. Carefully remove the glass from the panel.



2 Prep the TDL Door Panel for Re-glaze:

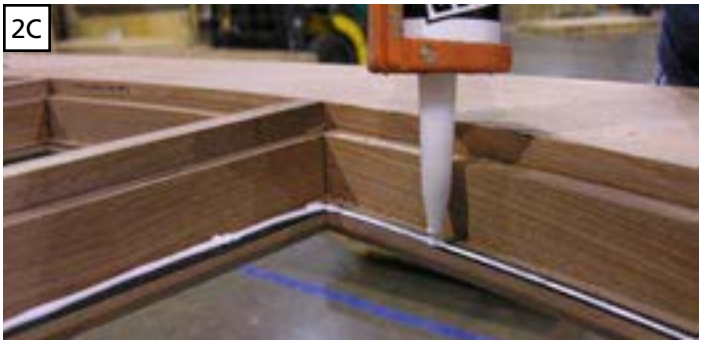
A. Remove all nails from around the glazing area and from the stop if reusing it. Clean off any excess original sealant from where the glass was removed. If reusing the removed interior stop, remove the remaining sealant.





B. Test fit the replacement glass into the opening and the stop onto the glass to determine glass site lines for locating for any needed shims used in Step 3B.

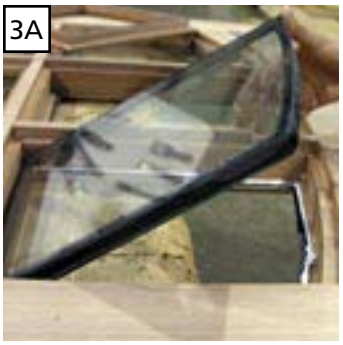
C. Apply a 1/8"-3/16" bead of exterior-grade sealant on the exterior glazing stop around the perimeter of the glass opening.



3 Re-glaze:

A. Place the glass in the panel, press the glass into the sealant.

NOTE: If using beveled glass, the beveled side must face the exterior.





3 Re-glaze (continued):

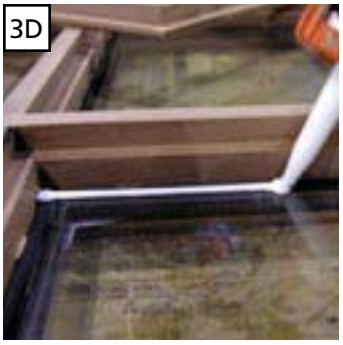
B. Use wood or plastic shims around that glass as needed to position glass in opening.





C. If using replacement separate glass stops, cut to length and dry fit the stops on the glass. Remove and trim as needed.

D. Apply 1/8" bead of sealant around the perimeter of the interior glass surface.





E. Place the interior glazing stop(s) around the glass, use a wood block and hammer to tap into place.





F. Attach with ¾" finishing nails toe-nailed into the stile or rail. Use 2 nails per side of stop approximately 1-1/2" from the corners.





3 Re-glaze (continued):

G. Clean off any excess sealant squeeze-out from the glass.



H. Fill nail holes with matching wood putty and finish as needed per finish manufacturer's instructions.

I. Re-install the panel, align the hinge knuckles and insert the hinge pins.

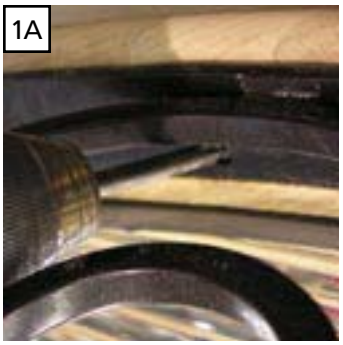


Oak Doors with Exterior Forged Grille Re-glaze

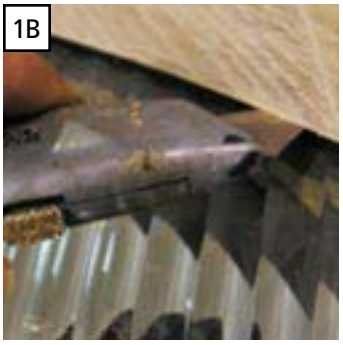
Oak doors with Exterior Forged Grilles have removable interior glass stops. In most cases it is best to remove the exterior iron grille before performing re-glaze instructions.

1 De-glaze the Door Panel:

A. With the exterior of the panel facing up; remove the exterior iron grille attachment screws. Remove the Grille



B. Cut the sealant between the glass and panel on the exterior.



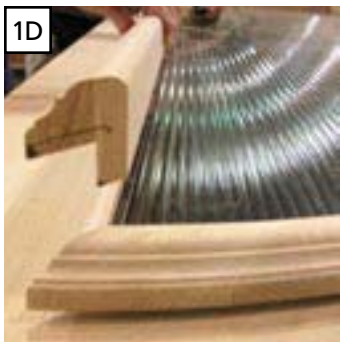
C. Flip the panel over so the interior side is facing up. Cut the sealant between the interior glazing stops and the glass.





D. Use a putty knife to remove the interior glazing stops.





1 De-glaze the Door Panel (continued):

E. Remove any exposed finish nails.



F. Carefully remove the glass from the door panel.



G. Remove excess original sealant from where the glass was removed.



H. If the exterior iron grille had been removed, reattach the grille now.

2 Re-glaze:

A. Test fit the replacement glass into the opening and the stop onto the glass to determine glass site lines for locating for any needed shims used in Step 2D.

B. Apply a 1/8'-3/16" bead of exterior-grade sealant on the exterior glazing stop around the perimeter of the glass opening.



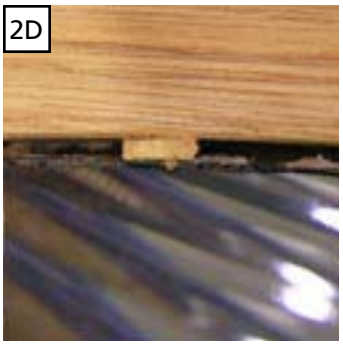
2 Re-glaze (continued):

C. Place the glass in the panel, press the glass into the sealant.

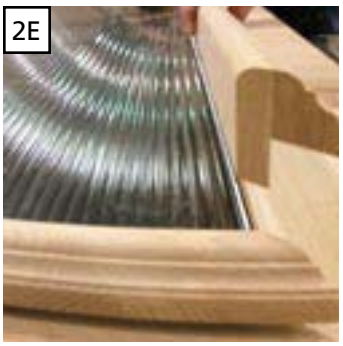


NOTE: Install the glass with the tempered textured side of the glass towards the interior.

D. Place wood or plastic shims, as necessary at the top, bottom and sides of the glass to center the glass and correct any sight lines.



E. Place the interior glazing stop around the glass and attach using ¾" finish nails.





F. Clean off any excess sealant squeeze-out.

G. Fill nail holes with matching wood putty and finish as needed per finish manufacturer's instructions.

H. Re-install the panel, align the hinge knuckles and insert the hinge pins.

