

Reglazing

for Andersen® 400 Series Tilt-Wash Transom Windows with Stormwatch™ Protection (Impact Resistant Glass) Manufactured 2003 to June 2006



IMPORTANT

Read all instructions carefully before attempting this procedure. If you have any questions about your ability to complete this procedure, call Andersen at 1-888-888-7020 for further direction. Andersen WindowCare® service center hours are Monday through Friday, 7 a.m. to 7 p.m. Central Time and Saturday, 8 a.m. to 4 p.m. Central Time. Thank you for choosing Andersen® products.

Important Safety, Assembly, and Installation Information

Every assembly and installation is different (windloads, structural support, etc.), and Andersen strongly recommends consultation with an Andersen supplier or an experienced contractor, architect, or structural engineer prior to the assembly and installation of any Andersen product. Andersen has no responsibility in regard to the post-manufactured assembly and installation of Andersen products.

⚠ WARNING

Use of ladders and/or scaffolding and working at elevated levels may be hazardous. Follow equipment manufacturer's instructions for safe operation. Use extreme caution when working around window and door openings. Falling from opening may result in personal injury or death.

⚠ WARNING

Improper use of hand or power tools could result in personal injury and/or product damage. Follow equipment manufacturer's instructions for safe operation. Always wear safety glasses.

⚠ WARNING

Weight of window and door unit(s) and accessories will vary. Use a reasonable number of people with sufficient strength to lift, carry, and install window and door unit(s) and accessories. Always use appropriate lifting techniques.

Parts Included

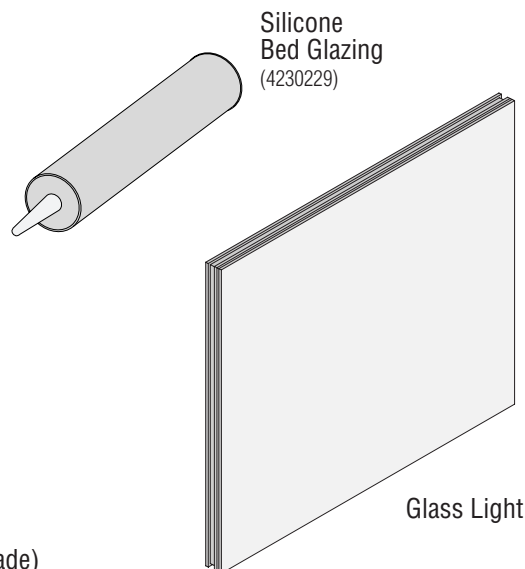
- (1) Instruction Guide
- (1) Glass Light
- (1) Silicone Bed Glazing
(4230229) Dow Corning 1350

Additional Part Required

- Fillet Bead Silicone Sealant
(DO NOT use for bed glazing)
(2903008) White
(2902512) Sandtone
(2903010) Terratone®
(2903026) Forest Green

Tools and Supplies

- Safety Glasses
- Hammer
- Thin Blade Putty Knife
- Nylon Putty Knife
- Vise Grips
- Gloves
- Caulk Gun
- Nail Set
- 5d (1-3/4") Finish Nails
- #6 Drywall Screws
- Phillips Screwdriver
- Window Cleaner
- Isopropyl Alcohol
- Utility Knife
- Glass Clamps (commercial grade)
- Duct Tape



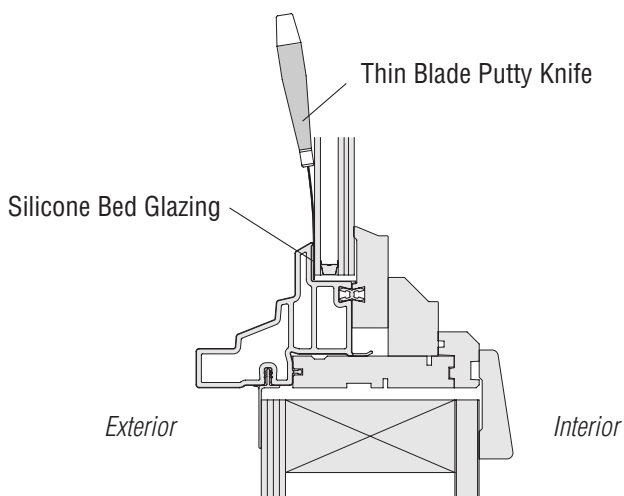
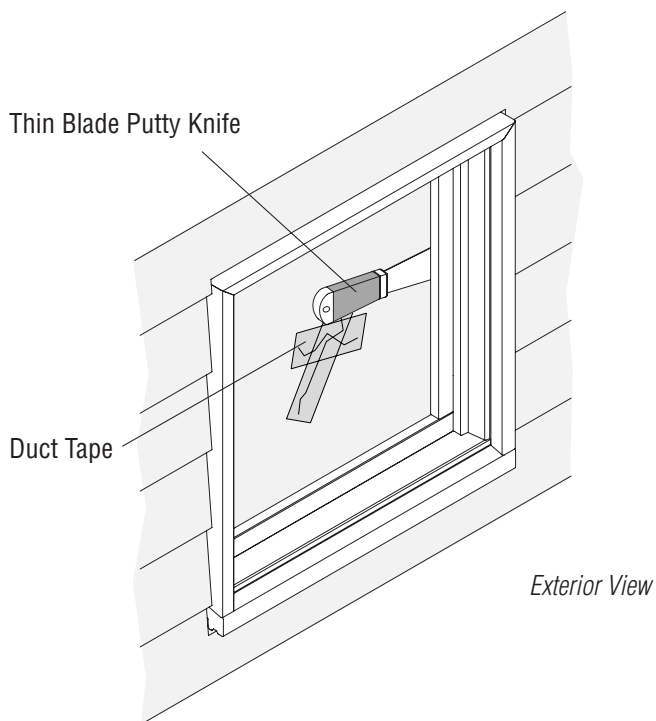
IMPORTANT

- This procedure requires a high level of construction skill. If you do not possess a high level of skill in construction, window installation or re-glazing, Andersen recommends that you contact a qualified Andersen service provider to re-glaze your window.
- To determine if you have the appropriate level of skill to properly and safely perform this procedure, read through the instruction manual. If you have any questions or concerns about your ability to complete this procedure, contact a professional Andersen service provider to complete this work for you.
- If your Tilt-Wash Transom unit has grilles applied to the glass, these grilles need to be removed prior to reglazing. Since specialized tools are required to remove the grilles, it is recommended that the reglazing procedure be done by a professional Andersen service provider.

1. Cut Bed Glazing**⚠ WARNING**

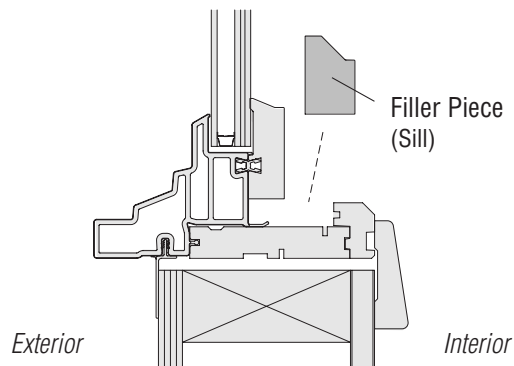
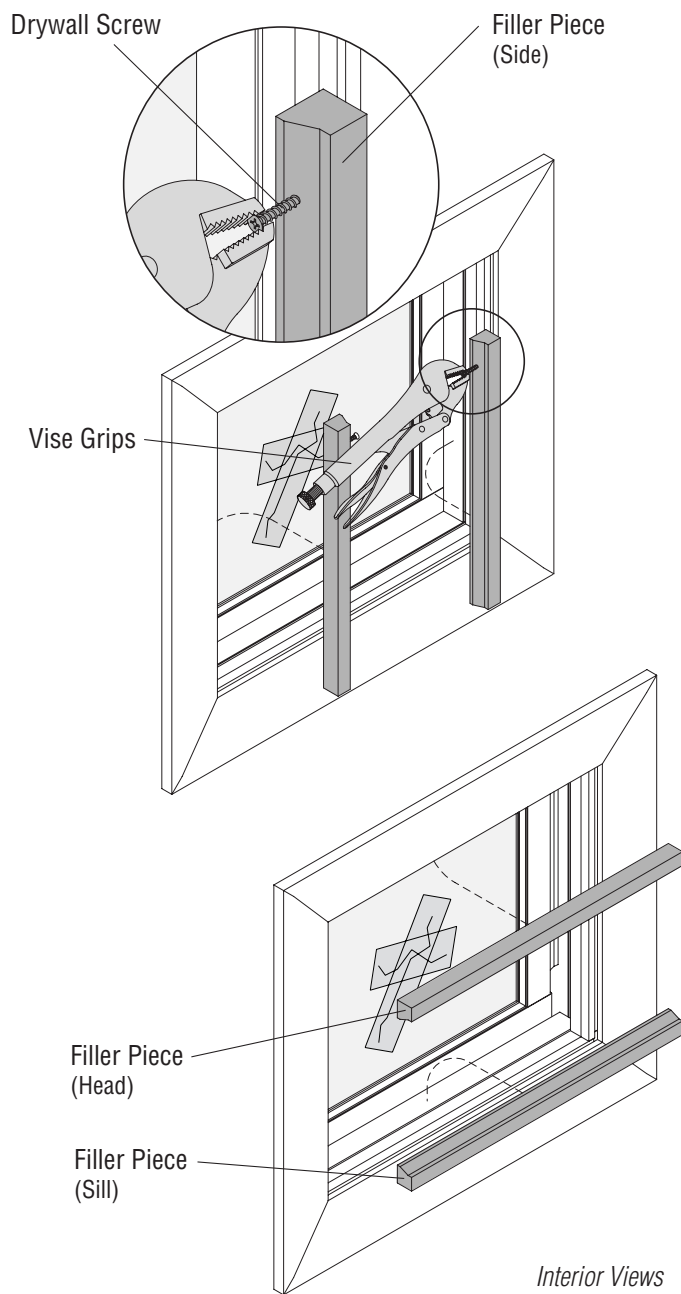
Wear gloves, safety glasses, goggles, or eye shields when handling glass. Tape broken glass with duct tape before removal to reduce glass fragmentation. Failure to do so may result in personal injury, product, and/or property damage.

- Tape broken glass with duct tape to reduce glass fragmentation.
- Cut exterior silicone bed glazing between glass and outer frame member 5/8" deep, full perimeter, using a thin blade putty knife, working from the exterior.



2. Remove Filler Pieces

- Fasten a #6 drywall screw into end of side *Filler Piece* 1/2" deep.
- Pull inward on screw using a vise grips to remove *Filler Piece*.
- Record original location on back side of *Filler Piece* and retain for reuse.
- Repeat for opposite side *Filler Piece*.
- Repeat for head and sill *Filler Pieces*.
- Pull remaining nails through back side of *Filler Piece* using a vise grips.



3. Remove Interior Glass Stops and Glass

⚠ WARNING

Support Glass Panel at all times once removal of Interior Glass Stops begins. Glass Panel may fall inward resulting in personal injury, product, and/or property damage.

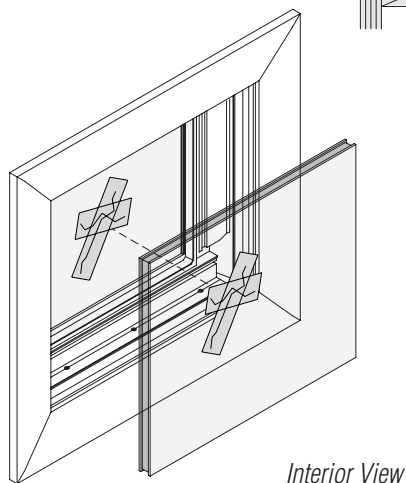
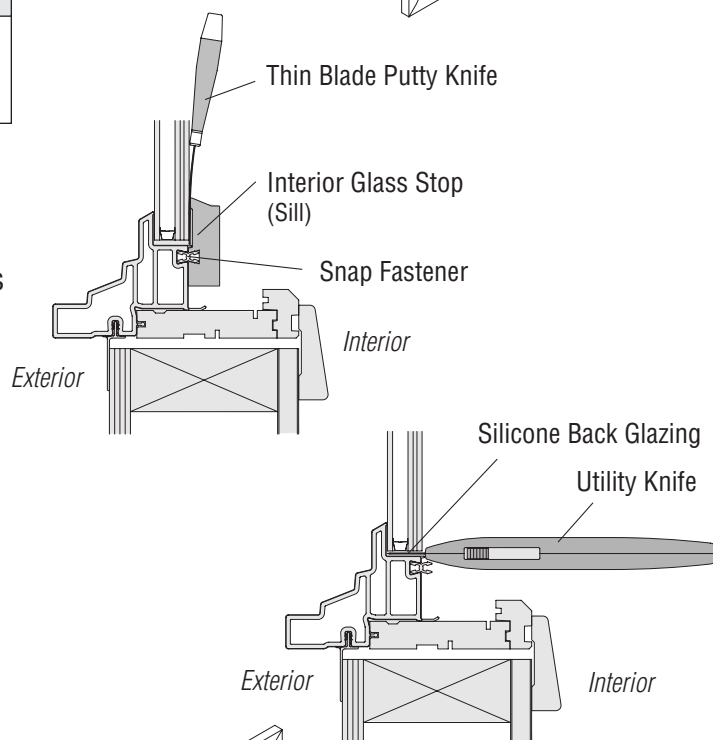
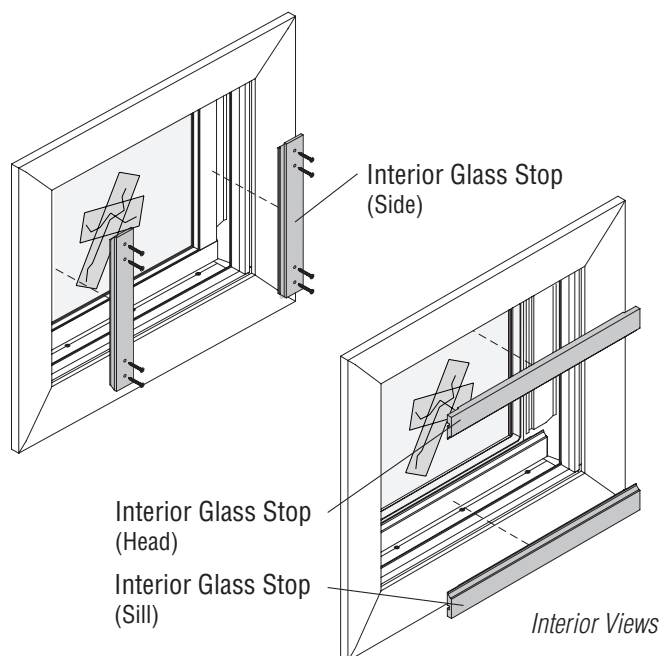
⚠ WARNING

Use extreme care when working around window opening. Never leave a window opening unattended, especially when children are present. Falling from window opening may result in personal injury or death.

NOTICE

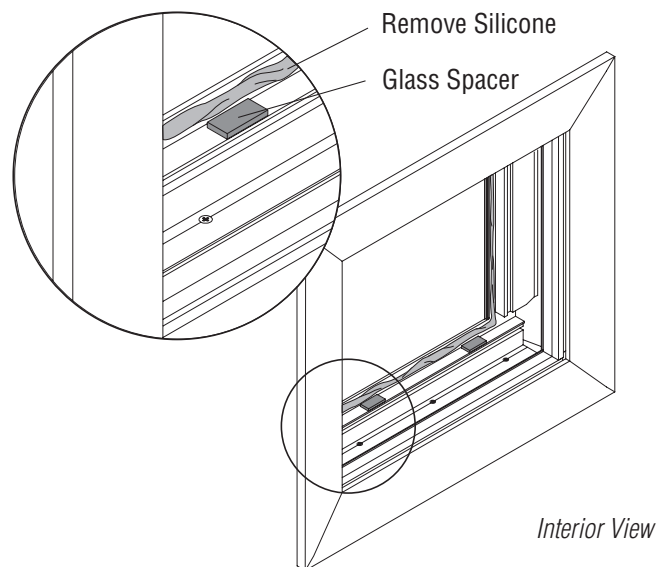
Glass Stops may have a silicone bond with the glass and may be difficult to remove.

- Remove 1-3/4" screws securing *Side Glass Stops* and retain for reuse.
- Insert a thin blade putty knife between side *Interior Glass Stop* and glass. Pry *Glass Stop* away from glass until released from *Snap Fasteners*.
- Record original location on back side of *Interior Glass Stop* and retain for reuse.
- Repeat for opposite side *Interior Glass Stop*.
- Repeat for head and sill *Interior Glass Stops*.
- Cut silicone back glazing using a utility knife.
- Carefully remove and dispose of broken glass.



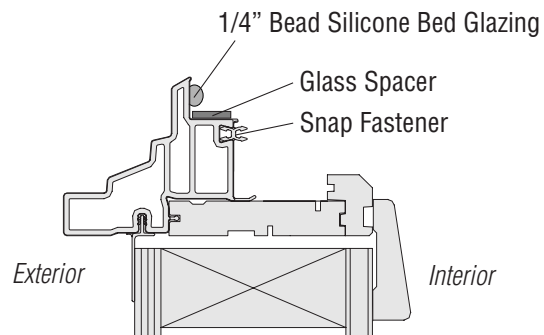
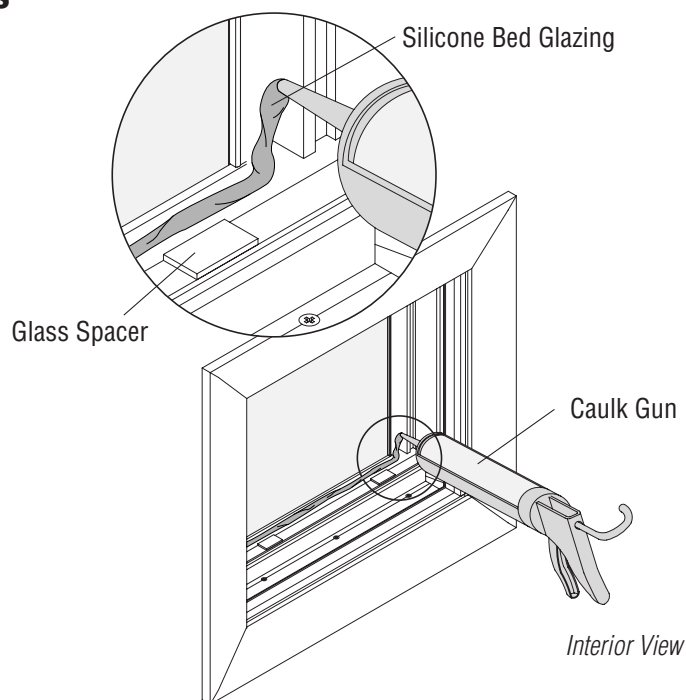
4. Clear and Clean Window Opening

- Mark location of sill *Glass Spacers* for reapplication.
- Remove *Glass Spacers* and old silicone from glazing lip on perimeter of frame.
- Clean glazing lip using isopropyl alcohol and air dry.



5. Apply Silicone Bed Glazing and Glass Spacers

- Apply a 1/4" bead of *Silicone Bed Glazing* to glazing lip, full perimeter on frame.
- Apply a small amount of *Silicone Bed Glazing* on bottom of each sill *Glass Spacer*.
- Position sill *Glass Spacers* on locations marked in **Step 4**.



6. Apply Glass and Interior Glass Stops

⚠ WARNING

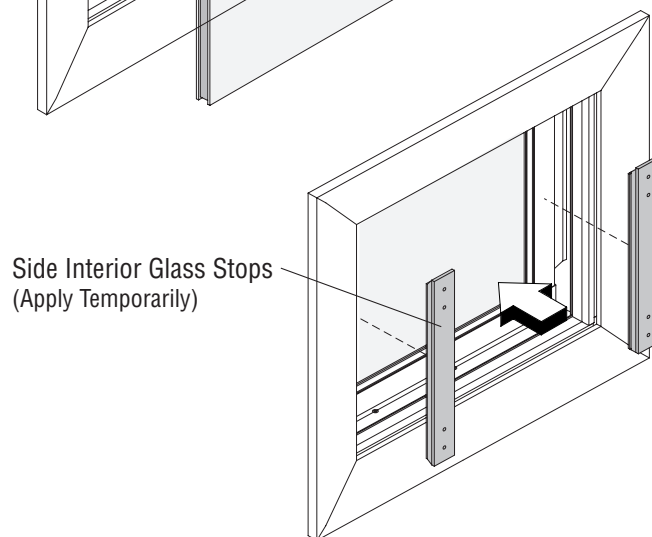
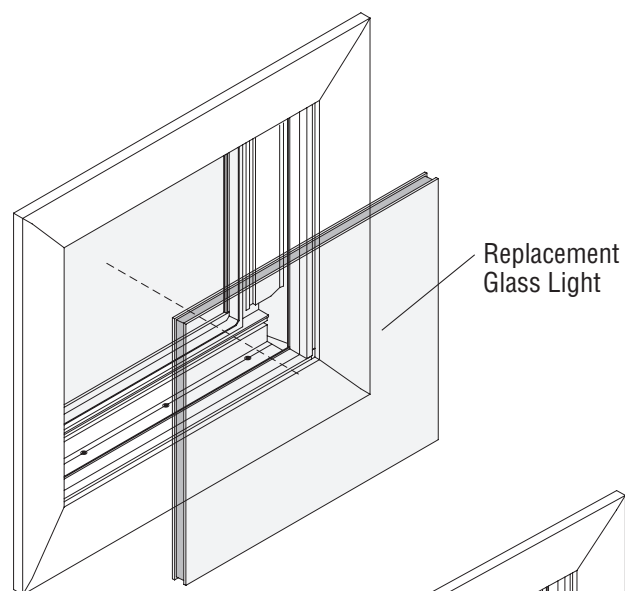
Weight of glass will vary. Use a reasonable number of people with sufficient strength to lift, carry, and install glass. Always use appropriate lifting techniques.

⚠ WARNING

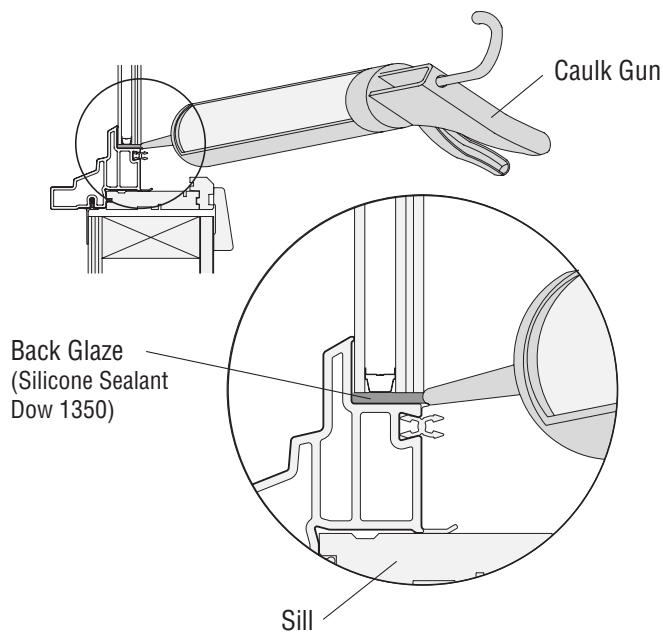
Support Glass Panel at all times once removal of Interior Glass Stops begins. Glass Panel may fall inward resulting in personal injury, product, and/or property damage.

⚠ CAUTION

- Use caution when handling glass, protect glass edges, and **DO NOT** roll glass on edges or corners to avoid breakage or damage.
- For high altitude glass, make sure breather tube (located at the top of the glass) is not plugged or pinched during procedure.
- **DO NOT** use a metal knife and/or metal objects against glass surface to avoid scratching or chipping.



- Remove glass from crating, clean glass edge with isopropyl alcohol, and air dry.
- Lift glass into opening, setting bottom edge of glass on *Sill Glass Spacers*. Push top portion of glass into *Silicone Bed Glazing*. Glass logo must be located in the bottom left corner of unit, legible from the interior. Glass logo is critical for glass limited warranty information and Low-E coating orientation.
- Center glass horizontally in opening using a **nylon** putty knife.
- Temporarily reapply *Side Interior Glass Stops* (as labeled) by pressing onto *Snap Fasteners*.
- Back glaze completely the void between the glass and frame at head and sill using *Dow 1350 Silicone Sealant* (provided).



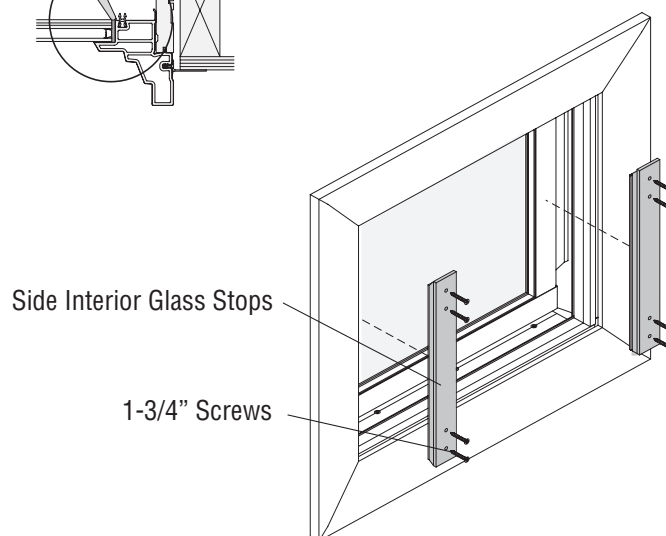
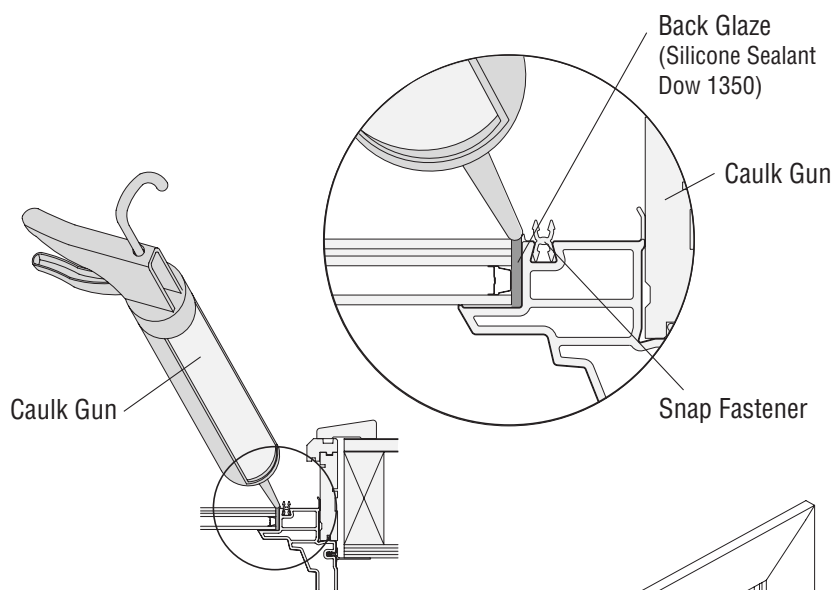
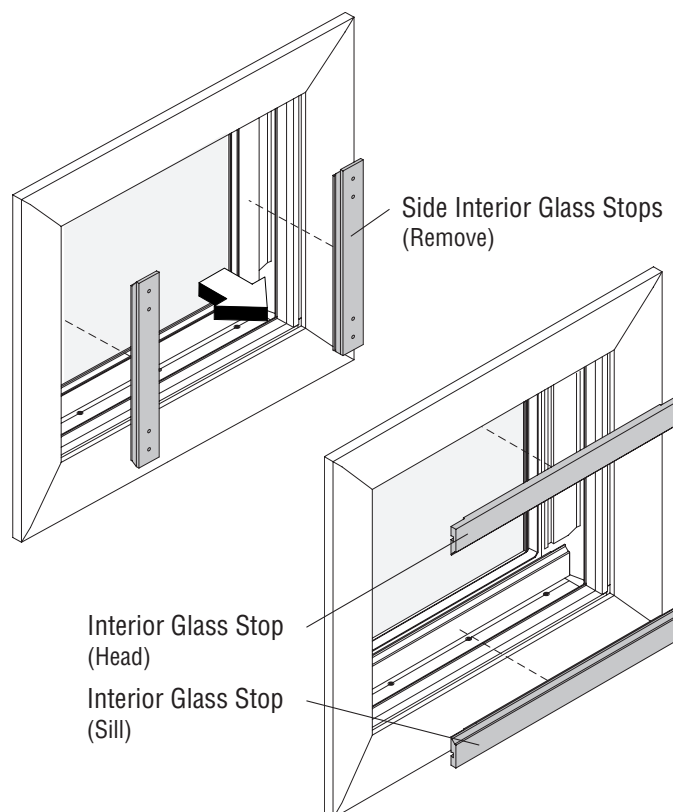
6. Apply Glass and Interior Glass Stops

- Remove *Side Glass Stops* by inserting a thin blade putty knife between side *Interior Glass Stop* and glass. Pry *Glass Stop* away from glass until released from *Snap Fasteners*.
- Reapply *Head and Sill Interior Glass Stops* (as labeled) by pressing onto *Snap Fasteners*.

⚠ WARNING

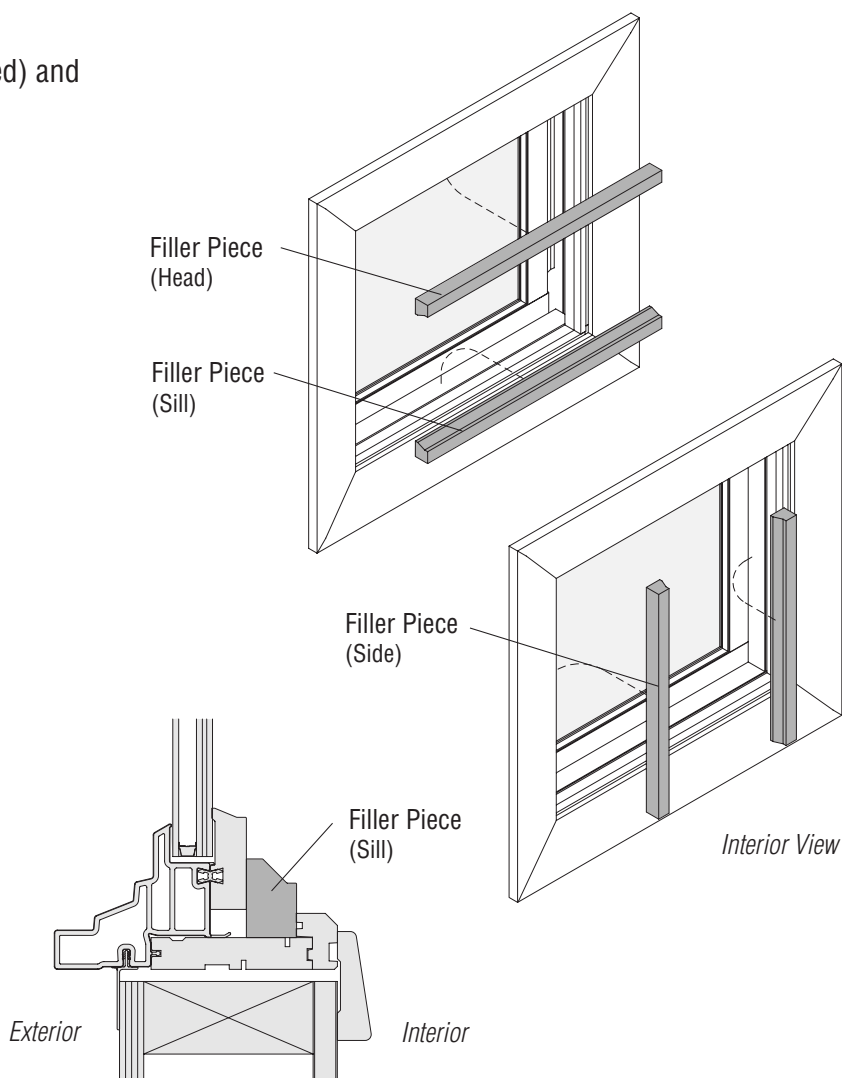
Failure to back glaze between glass and frame may result in personal injury, product and/or property damage.

- Back glaze completely the void between the glass and frame at head and sill using *Dow 1350 Silicone Sealant* (provided).
- Reapply *Side Interior Glass Stops* (as labeled) by pressing onto *Snap Fasteners*.
- Fasten *Side Interior Glass Stops* using 1-3/4" screws.



7. Reapply Filler Pieces

- Reapply head and sill *Filler Pieces* (as labeled) and fasten using 1-3/4" finish nails.
- Repeat for side *Filler Pieces*.



8. Apply Fillet Bead

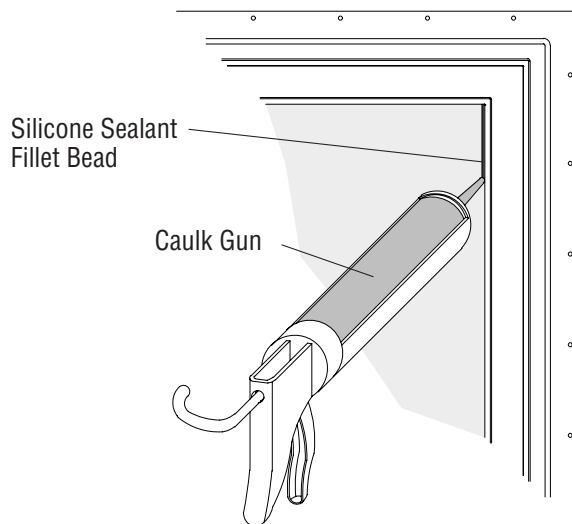
⚠ CAUTION

DO NOT use a metal knife and/or metal objects against glass surface to avoid scratching or chipping.

NOTICE

Wait until silicone sealant cures before removing. Use a nylon putty knife along with window cleaner to avoid product damage.

- Clean glazing lip and glass where fillet bead will be applied using isopropyl alcohol and air dry.
- Apply a 3/16" fillet bead of color matching silicone sealant (not provided), full perimeter, between glazing lip and glass from the exterior.



Exterior View