

Reglazing

for Andersen® 200 Series Tilt-Wash Picture, Transom, Circle Top™, and Arch Windows



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) Installation Guide
- (1) Glass Lite
- (1) Silicone Bed Glazing, 1/4" Bead (2230012)

Tools & Supplied

- Safety Glasses
- Hammer
- Thin Blade Putty Knife
- Flat Pry Bar
- Nylon Putty Knife
- Vise Grips/Locking Pliers
- Gloves
- Caulking Gun
- Nail Set
- Glass Clamps (Commercial Grade)
- Mineral Spirits

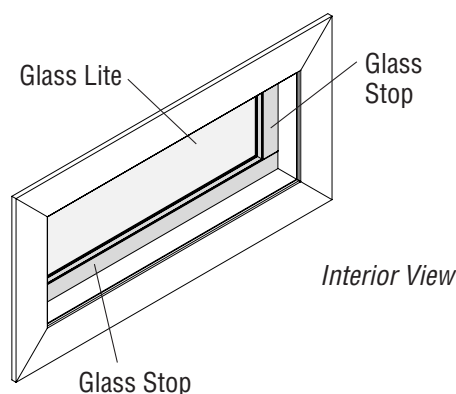
Additional Parts Required

- Fillet Bead Silicone, Fillet Bead (DO NOT use for Bed Glazing) (2903008) White (2902512) Sandtone

Optional Parts

- Head and Side Spacer (.875" (w) x .250" (d) x 2" (l)) (3876493)

Component Identification



⚠ CAUTION

- Do not apply any type of film to glass. Thermal stress conditions resulting in glass damage could occur.
- Use of movable insulating materials such as window coverings, shutters, and other shading devices may damage glass and/or vinyl. In addition, excessive condensation may result causing deterioration of windows and doors.

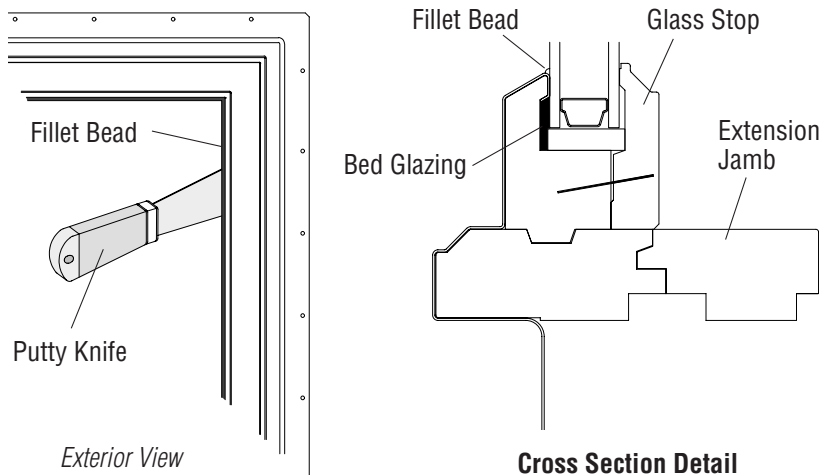
⚠ WARNING

Unless specifically ordered, Andersen windows and doors are not equipped with safety glass, and if broken, could fragment causing injury. Many laws and building codes require safety glass in locations adjacent to or near doors. Andersen windows are available with safety glass that may reduce the likelihood of injury when broken. Information on safety glass is available from your local Andersen dealer.

1. Tape Glass and Cut Fillet Bead**⚠ WARNING**

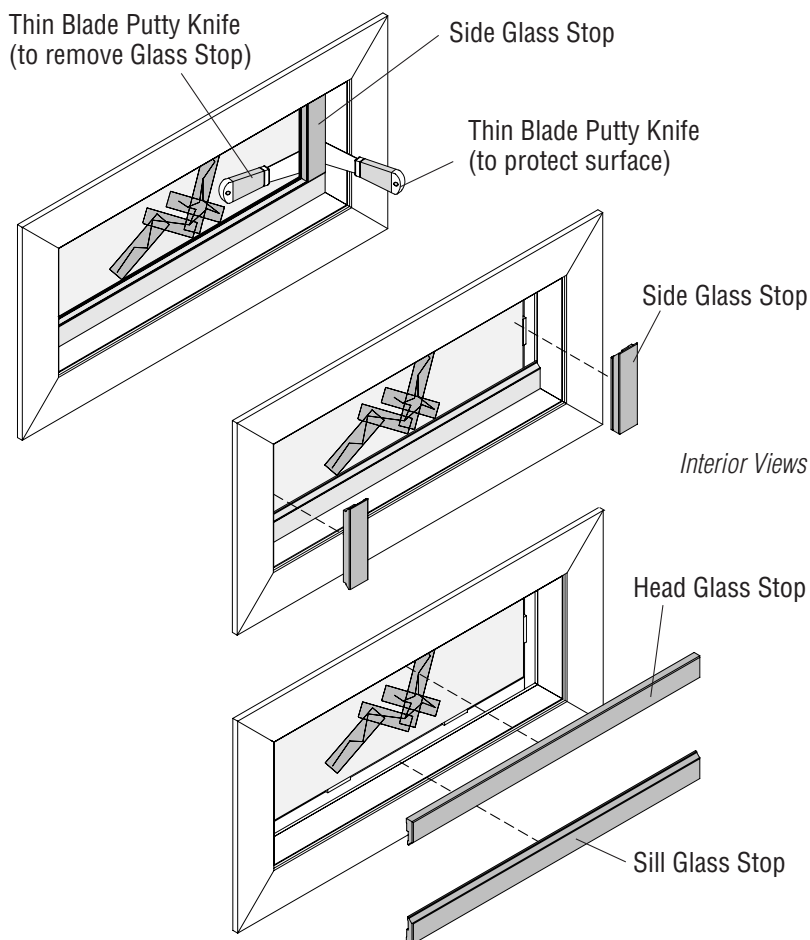
Wear gloves, safety glasses, goggles, or eye shields when handling glass. Tape broken glass with duct tape before removal to reduce glass fragmentation.

- Tape broken glass with duct tape.
- Working from the exterior, cut silicone *Fillet Bead* and *Bed Glazing* around full perimeter of unit. Putty knife should penetrate approximately 7/8".

**2. Remove Glass Stops****⚠ WARNING**

Support Glass Panel at all times once cutting of Bed Glazing begins. Glass Panel may fall inward. Handle broken glass with extreme caution, it may cause severe personal injury. Use a reasonable number of people with sufficient strength to lift, carry, remove and install glass.

- Insert thin blade putty knife between *Side Glass Stop* and glass. Carefully pry outward along entire length to remove. It may be necessary to use a flat pry bar once *Side Glass Stop* is loosened from glass surface. Repeat procedure to other *Side Glass Stop*, *Head Glass Stop*, and *Sill Glass Stop*.
- Mark location on back of *Glass Stops* and on jamb for reapplication. *Glass Stops* will be reused in the same locations.
- Remove nails from *Glass Stops* by pulling through backside using vise grips/locking pliers. Remove any nails in *Glass Stop* area.

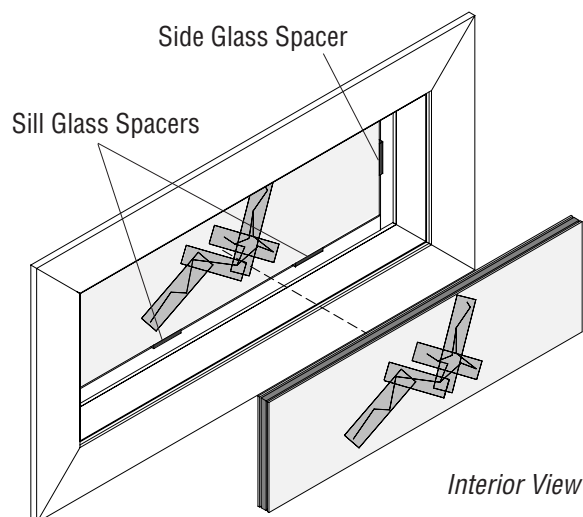


3. Remove Broken Glass Lite

⚠ 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 severe personal injury or death.

- Carefully remove and dispose of broken glass lite.
- Remove all *Glass Spacers*. Mark location of *Sill Glass Spacers*. They will be reused in the same locations.
- Remove old silicone from *Glazing Lip* and frame. Clean *Glazing Lip* with mineral spirits and allow to air dry for good adhesion of silicone sealant.



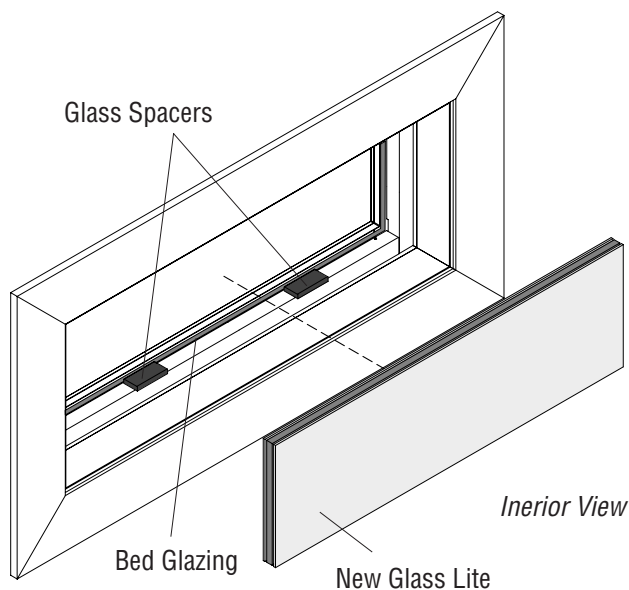
4. Apply Silicone, Spacers, and Glass

⚠ CAUTION

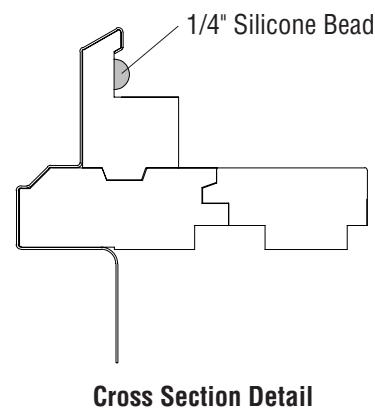
- Check full perimeter of frame glazing area for obstructions such as screws or nails that could chip glass and lead to breakage. Remove any obstructions if present.
- Use caution when handling glass. Protect glass edges. Do not roll glass on edges or corners. Breakage or damage could occur.

NOTICE

- Top and Side Glass Spacers are not necessary.
- Glass logo must be readable when viewed from the interior of room. This is critical for glass warranty information and Low-E coating orientation. For optional High Altitude Glass, make sure breather tube, located at top of unit, is not plugged or pinched during glazing process.



- Apply a 1/4" diameter bead of silicone to full perimeter of glazing bed channel.
- Put a "dab" of silicone on the bottom of *Glass Spacers* so they stay in place. Apply *Sill Glass Spacers* in locations marked in **Step 3**.
- Carefully remove glass from crating. Clean glass with mineral spirits and allow to air dry to create a good seal with silicone.
- Set bottom edge of glass on *Sill Glass Spacers*, push top portion into glazing bed.
- Center glass horizontally in opening. Use **nylon** putty knife to pry between glass and jamb to center glass, if needed.



Cross Section Detail

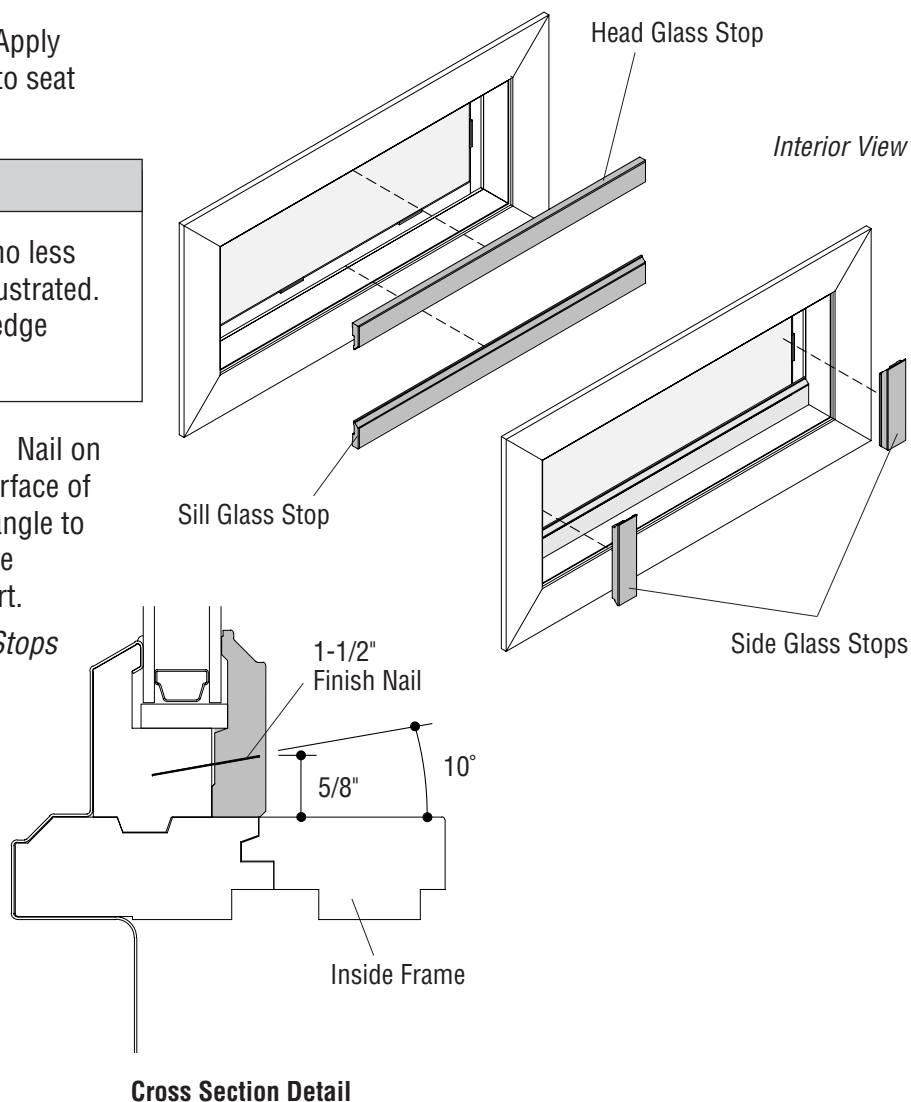
5. Reapply Glass Stops

- Apply *Head Glass Stop* to top of unit. Apply outward pressure on *Head Glass Stop* to seat glass in *Bed Glazing* before nailing.

CAUTION

Nail on flat portion of Glass Stops at no less than a 10° angle to inside frame as illustrated. Failure to do so could result in glass edge damage and glass breakage.

- Nail *Head Glass Stop* 2" from each end. Nail on flat portion of *Glass Stops* 5/8" from surface of inside frame and at no less than a 10° angle to inside frame as illustrated. Evenly space remaining nails no greater than 10" apart.
- Apply *Sill Glass Stop*, then *Side Glass Stops* 5/8" in above manner.
- Set nail heads approximately 1/16".



6. Apply Silicone Fillet Bead

CAUTION

Do not use a metal knife or metal object against glass surface. Scratched or chipped glass could result.

NOTICE

If silicone is smeared on glass, wait until it cures before removing. Use a nylon knife or razor blade to scrape off silicone. When scraping, apply a liberal amount of window cleaner to keep area lubricated.

- Clean fillet area with clean rag and mineral spirits. Allow mineral spirits to air dry for good adhesion of silicone sealant.
- Using a caulking gun and silicone or equivalent, color matched to the exterior of unit, apply a 3/16" *Fillet Bead* of silicone to the full perimeter of exterior seal between *Glazing Lip* and *Glass*.

