GASKET/GLAZING REPLACEMENT & GLASS REPLACEMENT (APPLICATION: WD5/D5 AND GENERALLY ALL WINDOWS)

1. TOOLS

- Putty Knife
- Utility Knife
- Methyl Hydrate
- Rubber Hammer
- Butyl Tape
- Masking Tape
- Urethane
- Silicone (Black)
- Soap & Water

2. GASKET REMOVAL - OUTSIDE

Start by removing outside gasket on existing window:

a. A putty knife or utility knife will be required.

b. Locate the seam in the gasket. Insert putty knife between glass panel and gasket. Knife blade should be parallel with glass surface and blade should be directed towards outer frame of window.

c. Cut and remove gasket as required.

3. INSIDE WINDOW CAULKING

On inside face of window use the utility knife to cut as deeply as possible into the caulking between the glass and the frame.

From the inside, push on the glass and, if necessary, cut further into the caulking. Continue this process until panel of glass pops out.

4. FRAME CLEANING

Using a knife and/or scraper, cut and clean all caulking and butyl from the frame (inside and outside) leaving a clean and level surface.

5. GLASS REPLACEMENT

a. Dry Fit - Try fit new piece of glass in the frame. Ensure glass is seated on flange around entire window frame.

b. Preparation: Butyl Tape - Place butyl tape around flange (butyl tape should be as close to inside edge of flange as possible).

c. Urethane Bead - Run a bead of urethane between frame and butyl tape. Keep bead of urethane roughly level with the top surface of the butyl tape (excess urethane is not a problem, but it does create a mess that will have to be cleaned later).

d. Glass Insertion - Place glass into frame. Try to locate glass correctly prior to pressing tightly against butyl tape. Once glass is against butyl tape it is difficult to adjust.

e. Urethane Fill - Fill gap between glass and inner frame with a bead of urethane.

6. GASKET REPLACEMENT

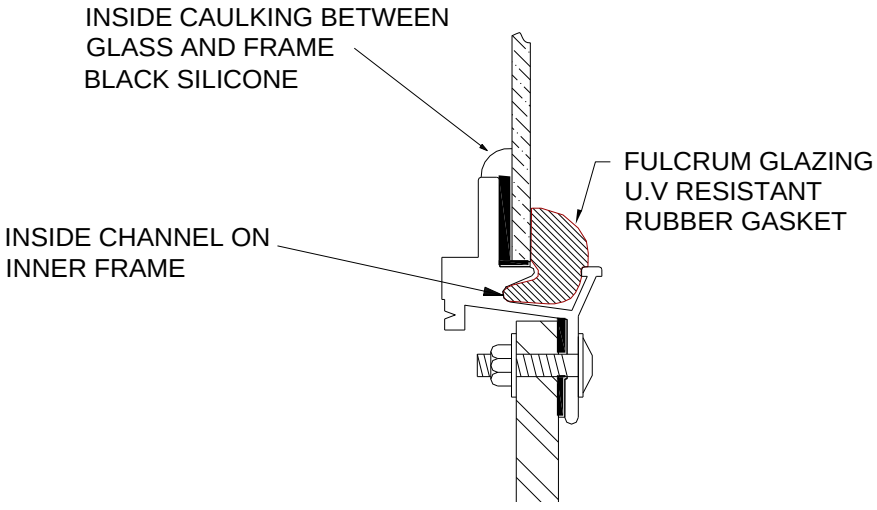
a. Preparation - With a mild soap and water mixture, proceed to wet glass and frame where the rubber gasket is to be installed (a spray bottle is ideal). The soap and water helps immensely when installing the gasket.

b. Gasket Squaring - Begin by cutting one edge of the gasket so it is a clean and square.

c. Start - Gasket installation should begin mid-span on the top of the window.

d. Insert Gasket - Ensure flange on gasket seats itself on inside channel in inner frame (sometimes the gasket flange slides between the glass edge and the frame which is not correct). Typically it is easiest to first depress the gasket flat against the glass and then slide it into the frame.

Take extra care in the corners to ensure gasket flange is seated correctly. After rounding each corner compress gasket back towards the corner to ensure a tight fit.



e. Gasket Completion - When gasket is installed around final corner (nearing 360° of the frame) cut end of gasket slightly longer than required. Compress gasket back towards final corner as last run is installed so the ends but together tightly. **NOTE**: **THE GASKET WILL SHRINK OVER TIME SO IT IS IMPORTANT TO CUT THE GASKET SLIGHTLY LONGER THAN NECESSARY.**

7. CLEAN-UP

a. Outside Window: Urethane - Clean up any excess urethane on the outside of the window frame with Methyl Hydrate. The outside is now complete.

b. Inside Window: Butyl Tape - Using a sharp utility knife, cut any excess butyl tape from the inside face of the window (the butyl tape should not protrude inwards of the frame). Mask off a straight line approximately 1/8" to 3/16" off the inside face of the frame. Use a template and utility knife to cut the corners at the required radius.

c. Silicone Application - With the window masked, proceed to run a bead of silicone between the edge of the frame and the glass. Tool in the silicone with a finger or a credit card edge (or similar). And when complete, remove masking tape.

d. Inside Clean Up - Clean as required with Methyl Hydrate.

e. 24 Hour Dry Time - Silicone will require approximately 24 hours to properly set.

8. MAINTENANCE AND REPLACEMENT PARS
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9. PARTS LIST

Gasket & Glazing Repair Components

Description	Part Number	Notes / Checked
Butyl Tape 1/8 x 3/8 Black	AD-TA1/8X3/8B	
Butyl Tape 1/8 x 3/8 Grey	AD-TA1/8X3/8G	
Silicone Black (default)	AD-SI7103	
Urethane Black (default)	AD-SI7113	
Gasket / Finishing Santoprene	AD-VY2237	
Utility Knife, 18mm Heavy-Duty Ratchet (L2)	SS-EQ2018	
Blades, 18mm UltraSharp, Heavy-Duty Snap-off, 50-pack (LBB-50B)	SS-DC1225	

Window Accessories

Description	Part Number	Notes / Checked
Scuppers, Milled Finish	HW-CU5019	
Scuppers, Anodize	HW-CU5556	
Scupper, Painted	HW-CU5582	