

Patriot/2020 Casement Glass Replacement

7/9/2024



Tools Required

Utility Knife
Hammer
Caulk gun
Miter Saw (optional)

Thin Putty Knife
Wood chisel or putty knife
Small Wood Block
Neutral Cure Silicone (clear)

Parts Required

Insulated Glass
"new" Glazing Bead
SDL's (if required)

1. Remove the sash if it is an operating casement
2. Place the sash on a protected, flat surface with the interior facing up
3. Remove the glazing bead (see pic)
 - a. Use the putty knife to pry the glazing bead away from the frame
 - b. Use a chisel or another putty knife to lift under the end of the glazing bead
 - c. Once started, the glazing bead should be able to be pulled out
 - d. Repeat for all 4 sides



4. Flip the sash over to have the exterior facing up
 - a. Be cautious in case the glass is loose
5. Cut the glazing
 - a. Use the thin putty knife to cut the glazing (see pic)
 - i. Slide the putty knife between the glass and the dual durometer of the sash
 - ii. Slide it along the glass to cut the silicone
 - iii. BE CAREFUL not to cut the dual durometer
 - b. The glass will drop onto the table
 - c. Save the setting blocks from around the glass
6. Remove the glass
7. Flip the sash over with the interior facing up
8. Clean the excess silicone from the glazing leg using a chisel
 - a. Remove loose pieces
 - b. Wipe down with denatured alcohol to prep surface



Patriot/2020 Casement Glass Replacement

7/9/2024



9. Glaze the sash
 - a. Apply silicone to the sash (1/4"-3/8" bead) on all 4 sides
 - b. Make sure the silicone bead is slightly above the dual durometer
 - c. Set the glass into the sash
 - d. Apply setting blocks saved from step #5c
 - i. Position around the glass the way they were originally
10. Apply Glazing Beads
 - a. Align the glazing bead with the receiver in the sash
 - b. Use the block and a hammer to snap the glazing bead into place (see pic)
 - c. Start in the corner and hammer straight down
 - d. Work the length of the glazing bead until it is fully snapped in
11. Clean up any excess silicone that may have gotten on the glass
12. Re-install the sash into the frame

