

Replacing Narrow Sightline Glass

Iron Doors – SDL Clip Bead Style

Interior Removal & Reinstallation Instructions

Materials Needed

- Replacement glass: 7/8" thick clear flat tempered glass with black spacer
- Dealseal Bronze Silicone
- Black latex caulk

Tools Required

- 5-in-1 tool (2 required)
- Small pry bar
- Thin putty knife
- Hammer

How to Measure for Replacement Glass

- Measure the height of the opening from the outer edge of the glazing bead
- Subtract 1/8"
- Repeat for the width

Important Notes

- This iron door style uses SDL-style clip beads.
- Clip beads overlap and must be removed in the correct order.
- All work is performed from the interior side of the door.
- Clip beads can be reused if removed carefully.
- Excessive force may damage reusable components

Step 1: Remove SDL-Style Clip Beads

1. Identify the SDL-style vertical and horizontal clip beads on the interior side of the door.
2. Because clip beads overlap, always begin with the bead that is on top.
3. Carefully insert a thin putty knife between the clip bead and the door frame.
4. Using a hammer, lightly tap the putty knife down the length of the clip bead.
5. Repeat this process on the opposite side of the same clip bead.
6. Once loosened, place small pry bars on both sides and gently work the clip bead free.
7. Remove the clip bead and set aside.

Note: If too much force is used, clip beads may bend and will need to be replaced.

8. Repeat this process until **all SDL-style clip beads surrounding the glass are removed.**

Step 2: Remove Interior Glass Stop (Perimeter Stop)

1. After all clip beads are removed, locate the **interior perimeter glass stop**.
2. Insert a **putty knife** between the stop and the glass.
3. Lightly tap with a **hammer** to begin separating the stop from the frame.
4. Work slowly and evenly around the entire perimeter.
5. Once loosened, use a **5-in-1 tool** to gently pry the stop free.
6. Remove and set aside.
7. Repeat this process for **each glass lite** being replaced.

Step 3: Remove Glass

1. Use a **putty knife** to cut through the **silicone seal on the interior side** of the glass.
2. Move to the **exterior side** and carefully cut the silicone seal there as well.
3. Once all silicone has been cut, **carefully remove the glass** from the opening.
4. Clean all remaining silicone, debris, and residue from the frame.

Step 4: Apply First Silicone Bead (Before Glass Installation)

1. Apply **one continuous bead of Dealseal Bronze Silicone** around the **entire interior perimeter of the glass opening**. Ensure the bead is even and unbroken.

Step 5: Install New Glass (Repeat for All Glass Pieces)

1. Place the **7/8" replacement glass** into the opening.
2. **Center the glass carefully** in the opening.
3. Hold the glass firmly in place for approximately **1 minute** to allow the silicone to begin curing and grab the glass.
4. **Repeat Steps 4 and 5 for each piece of glass** in the door before proceeding.

Step 6: Apply Second Silicone Bead

1. After all glass pieces are installed, apply a **second continuous bead of Dealseal Bronze Silicone** around the **interior side of each glass**, filling the gap between the glass and the metal frame.
2. Ensure full and consistent coverage on all four sides of each lite.

Step 7: Reinstall Interior Glass Stop

- Reinstall the **interior perimeter glass stop** while the silicone is still workable.
- Press evenly until fully seated.

Step 8: Reinstall SDL Clip Beads

1. Reinstall SDL clip beads in the **reverse order of removal**.
2. Ensure each clip bead is fully seated before moving to the next.
3. Press firmly to secure into the silicone.

Step 9: Exterior Sealing

1. Apply **black latex caulk** around the muntin on the **exterior side of the glass**.
2. Tool neatly to create a clean, waterproof seal.