



A U.S. BLOCK WINDOWS COMPANY

**LINE HINGE™ CASEMENT WINDOW
INSTALLATION PROCEDURES
(RETRO-FIT)**

Step 1: Insure that the opening is ½ inch larger than the unit, both vertically and horizontally.

Step 2: Insert the unit in the opening from outside the building and install shims at the sill corners to center the unit in the opening.

Step 3: Check the unit for plumb and level and adjust shims accordingly.

Step 4: Unlatch and open the unit to access the inside of the hinge jamb. Someone will have to help hold the unit in the opening until the hinge jamb is securely fastened.

Step 5: Install a screw through each end of the hinge jamb approximately 3” from the head and sill. Shims should be inserted between the jamb and wall framing to prevent bowing of the frame and movement of the unit.

Step 6: Install screws every 6 to 8 inches in the hinge jamb measuring from the corner screws to center. Make sure the screws go in straight and don’t bow the frame in or out.

Step 7: Close the unit but do not latch. Check the gap between the sash and mainframe and adjust the mainframe so the gap is approximately the same on the three remaining sides. Install shims at the head and sill so that the latch jamb can’t move up or down when the unit is re-opened.

Step 8: Open the unit enough to expose the inside of the latch jamb. Repeat step 5 on the latch jamb.

Step 9: Open and close the window to insure free movement. Then install screws approximately every 8 inches in all remaining frame members. *Use care not to let the installation screws push the mainframe into or away from the sash.*

Step 10: Use a quality silicone caulk or sealant to seal the exterior gap between the window and framing or exterior façade. If desired, the void between the window and framing can be insulated. If a foam insulation is used it *must be NON-EXPANDING.*

Step 11: Trim or seal the interior gap between the window and wall framing.