

Casement Window Opening Control Device

Field Applied Instructions

ABSTRACT: These instructions show how to field apply a window opening control device on Ultimate Casement and Modern Casement products.
Ultimate: September 2008 to present.
Modern: April 2019 to present

IMPORTANT

When installed and used as directed, the Window Opening Control Device meets the requirements of ASTM F2090-17.

IMPORTANT

Once installation of unit is complete, check WOCD for proper operation. When the sash is closed and locked, the WOCD should automatically engage.

Failure to follow these instructions may result in the window opening control devices (WOCDs) being ineffective in controlling the window opening.

A copy of the safety information shall be provided to the owner of the building in which the window opening control device (WOCD) is installed and to the occupant in the dwelling where the opening control device is installed (or is to be installed).

Building and fire codes shall be consulted before installing WOCDs. Contact local building code department or fire department for specific applicable codes and install in accordance.

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Parts Included in WOCD Kit

NOTE: Kits are configured based on unit type (Modern or Ultimate Casement)

- Frame Track
- Sash Arm
- 5- #8 x 1/2" Pan head stainless steel screws
(Modern uses two-1/4" screws and three 1/2" screws)
- Templates
- Safety and Operation Decals
- Safety and Operation Instruction

Tools Needed

- #2 Phillips Screwdriver
- Awl
- Drill with a 7/64" (3)
- Masking tape (to hold template in place)

Design Limitations

Unit Type	Frame Size Min Width	Frame Size Min Height	Frame Size Max Width	Frame Size Max Width
UCA, UCANF	20	19 1/8	36	102
			40	92
			44	71 1/8
UCA RT, UCA Poly	20	26 1/8	36	102
			40	92
			44	71 1/8
UWCA	20	19 1/8	36	97 1/16
			40	92 1/16
UWCA RT, UWCA Poly	20	27	36	97 1/16
			40	92 1/16
UCAPO, UCANFPO	20	54.777	36	102
			40	92
			44	71 1/8
UWCAPO	20	55.715	36	97 1/16
			40	92 1/16
MCA	20	16	36	102
			40	92
			44	71 1/8
MCAPO	20	24	36	102
			40	92
			44	71 1/8

Mark Fastener Locations

1. Cut out the sash templates and fold on the indicated lines.
2. Use masking tape to line up the template on the sash. Use the instructions on the template for proper location.
3. Use an awl to mark the fastener hole locations on the sash.



Figure 1

4. Cut out the frame template and attach to the frame using the instructions on the template to locate the fastener locations.
5. Use an awl to mark the fastener hole locations on the frame.



Figure 2

6. Use a 7/64" drill bit to predrill the hole locations.



Figure 3 Predrill sash

7. Remove the templates



Figure 4 Predrill frame locations

Installing the WOCD Components

1. On the sash, attach the WOCD sash arm to the sash with the #8 screws provided. Use a #2 Phillips screwdriver to tighten. **DO NOT OVERTIGHTEN.**

NOTE: Ultimate Pushout and Modern Casement use shims behind the sash arm.

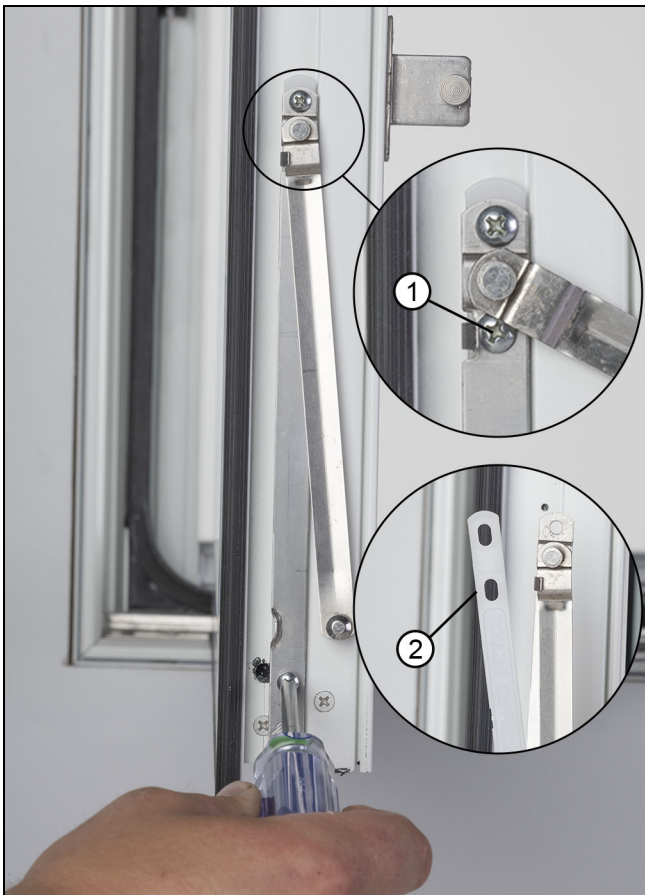


Figure 5 Modern Casement sash shown

1	3-#8 x 1/2" screws (note one behind the sash arm)
2	Shims behind sash arm on Modern Casement



Figure 6 Ultimate Casement

1	3-#8 x 1/2" screws
2	Shims behind the sash arm on Casement Pushout

2. On the frame, attach the WOCD frame track with the #8 screws provided. Use a #2 Phillips screwdriver to tighten. **DO NOT OVERTIGHTEN.**

NOTE: Modern Casement use 1/4" long screws. All other Casement use 1/2".



Figure 7 Modern frame shown

Attach Warning and Informational Decals

1. Attach the sash decal in the lower corner of the glass near the locking side.



Figure 8 Sash decal

2. Attach the frame warning decal on the frame near the WOCD frame track.



Figure 9

Disengaging the WOCD

Using a smartphone or similar device, scan the QR code or click [here](#) to play a video of this procedure.



1. Unlock and open the window until the limited opening is reached.



Figure 10

2. Press the red button and slide up until the sash arm is disengaged.



Figure 11

3. Continue to open the window until it is fully opened.

Re-engaging the WOCD

1. Close the window fully and lock it. The WOCD will automatically reset.
2. Unlock and open the window until the WOCD reaches the limited opening to verify that the device has automatically reset.
3. Close the window and lock.