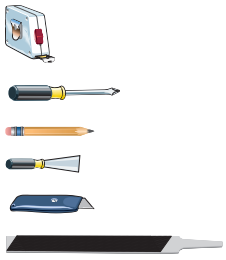
Window Opening Control Device (WOCD) for Double-Hung & Single-Hung Windows Installation Instruction

The window opening control device (WOCD) is designed to assist in protection against accidental falls by children five (5) years old and younger. When properly installed and engaged, there shall be no space at the maximum open position of a window sash which would permit a rigid 4" (102mm) diameter sphere to pass through the opening. Failure to correctly install and engage the WOCD may result in falls or injury. Window must be unlocked and the WOCD disengaged to allow for emergency exit. This window control device is not a substitute for attentive supervision of young children. Tested to ASTM F2090.

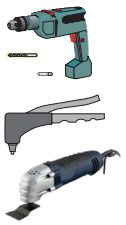
See each section for Kit Content lists.

TOOLS REQUIRED:

- Tape measure
- Phillips screwdriver
- Pencil
- Putty Knife
- Utility Knife
- File (Pella Impervia Only)



- Drill with 1/16" bit for Wood and 350 Series Vinyl; 1/4" bit for Encompass by Pella®/ThermaStar by Pella®, 250 Series Vinyl; 5/32" bit for Impervia
- Rivet Gun to fit 5/32" x .354" rivets – For Impervia (Fiberglass) Units.
- Oscillating Cutting tool (Units with jamb extension installed)

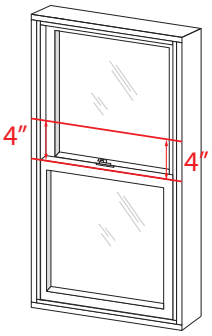


⚠ WARNING!

Young Children may fall through an open window if all instructions are not followed:

- Leave the window opening control device safety information sheet with the building occupant or an appropriate person on the project to provide to the building occupant.
- Use recommended materials and techniques.
- Make sure the window opening control device is securely attached to the window frame.
- Make sure the window is in good condition.
- Keep window opening control device engaged unless needed for use in an emergency.
- Teach household members six years old and older how to operate the release mechanism in case of an emergency.

1 WINDOWS WITHOUT INSTALLED JAMB EXTENSIONS; MARK LOCATIONS FOR WINDOW OPENING CONTROL DEVICE:

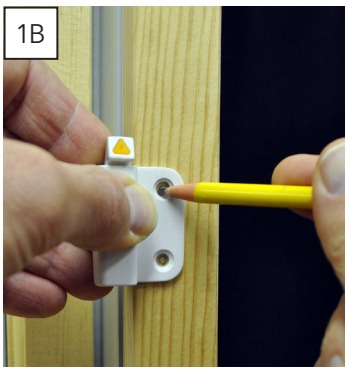


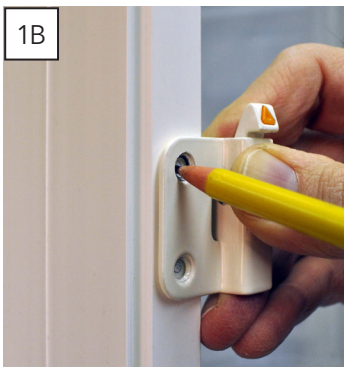
Windows WITH Installed Jamb Extensions, Go To Step 2.

A. **With the lower sash closed and locked,** measure 4" up from the top of the lower sash (checkrail) and place a pencil mark on each side of the frame.

B. **Align the bottom of the opening control device arm** with the pencil mark making sure the arm has freedom of movement.

Use the opening control device holes as a template to mark each hole location onto the edge of the frame. Repeat on the other side of the frame with the other opening control device.





PROCEED TO STEP 3, 4, 5 OR 6 DEPENDING ON WINDOW BRAND.

© 2015 Pella Corporation

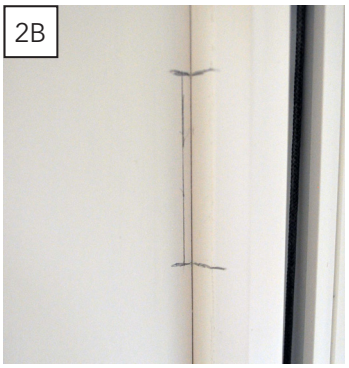
2 WINDOWS WITH INSTALLED JAMB EXTENSIONS; MARK LOCATIONS FOR WINDOW OPENING CONTROL DEVICE AND JAMB EXTENSION MODIFICATION:

A. **With lower sash closed and locked,** measure 4" up from the top of the lower sash (checkrail) and place a pencil mark on the window frame and jamb extension on each side of the window.



B. **Align the bottom of the opening control device** with the pencil mark. Using the opening control device as a template, mark the top of the control arm on the window frame and jamb extension, and mark along the jamb extension down the front face of the device.



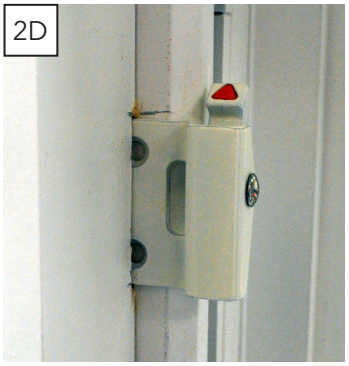


C. **Using a thin putty knife to protect the window frame** cut the marked slot in the jamb extension using a wood oscillating blade.

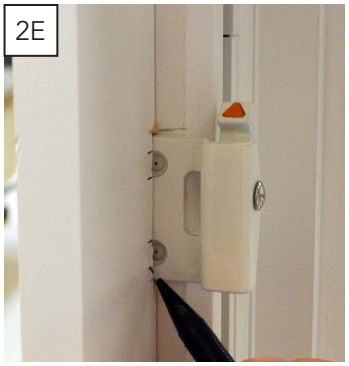


D. **Clean out any remaining material with a utility knife** and test fit the opening control device in the slotted jamb. Make sure the arm has freedom of movement and the device is fully seated and flush on the window frame.





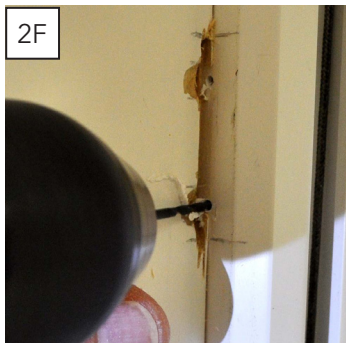
E. **Once satisfied with the device placement,** mark the top and bottom locations of both holes on the jamb extension, and mark the center of each hole on the window frame.



2 WINDOWS WITH INSTALLED JAMB EXTENSIONS; MARK LOCATIONS FOR WINDOW OPENING CONTROL DEVICE AND JAMB EXTENSION MODIFICATION (CONTINUED):

F. **Using a utility knife or drill bit** cut relief groves in the jamb extension for the installing the screws. Pre-drill 1/16" pilot holes approximately 1/4" deep in the locations marked in Step 2E.



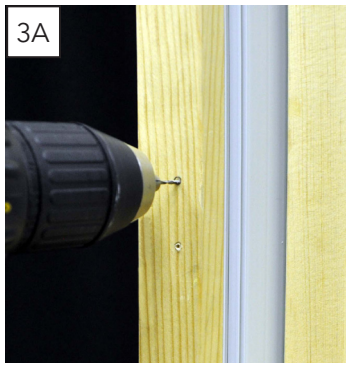


PROCEED TO STEP 3, 4, 5 OR 6 DEPENDING ON WINDOW BRAND.

WOOD AND PELLA® 350 SERIES VINYL:

3 INSTALL WINDOW OPENING CONTROL DEVICE:

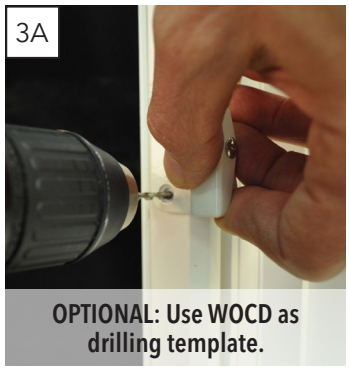
A. **Drill 1/16" diameter pilot holes** approximately 1/4" deep at each marked location.



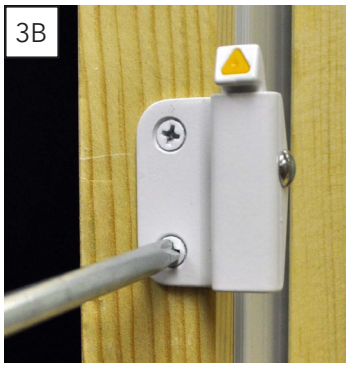
Pella® Reserve Shown



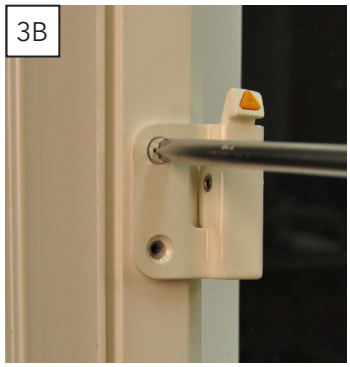
Pella® 350 Series Shown



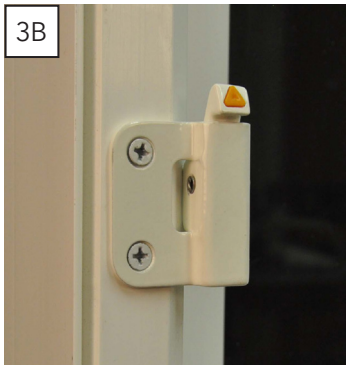
B. **Align the two holes in the opening control device** with the drilled holes and attach the opening control device with two #6 x 5/8" provided screws.

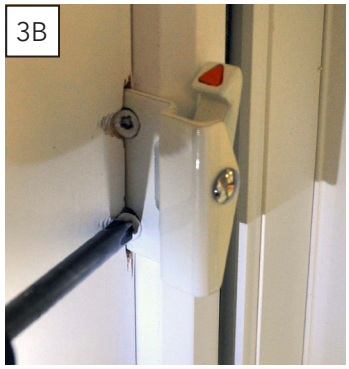


Pella® Reserve Shown



Pella® 350 Series Shown





Unit with Jamb Extension Shown

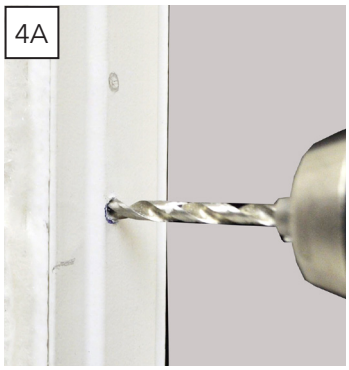
Repeat 3A-3B on the other side of the frame.

PROCEED TO STEP 7.

PELLA® IMPERVIA® (FIBERGLASS)
Double-Hung and Single-Hung:

4 INSTALL WINDOW OPENING CONTROL DEVICE:

A. **Drill a 5/32" hole at each marked location** through the FIRST LAYER ONLY of the fiberglass on the frame edge.



B. **Align the holes in the opening control device** with the two drilled holes and attach the opening control device with two (2) 5/32" x .354" rivets.



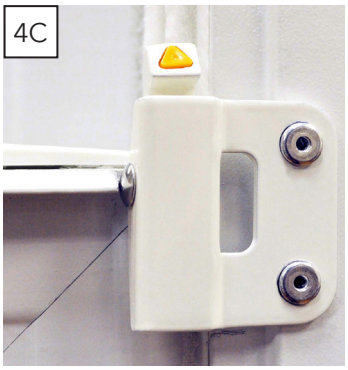


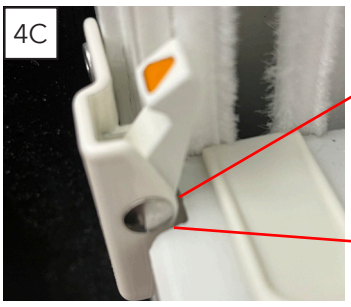


Repeat 4A-4B on the other side of the frame.

C. **It may be necessary to file the checkrail handle** on Pella® Impervia® windows to create adequate clearance for the opening control device rivet head.







1/16" of clearance should be present between the filed notch and the WOCD as shown here.

1/16" of clearance should be present between the file notch and the side of the WOCD as shown here.

PROCEED TO STEP 7.

5 INSTALL WINDOW OPENING CONTROL DEVICE:

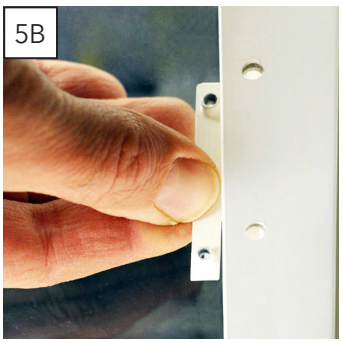
A. **Drill a 1/4" hole** at each marked location through the frame edge.

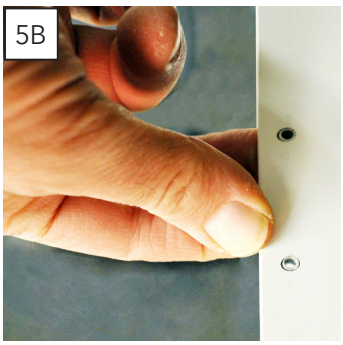




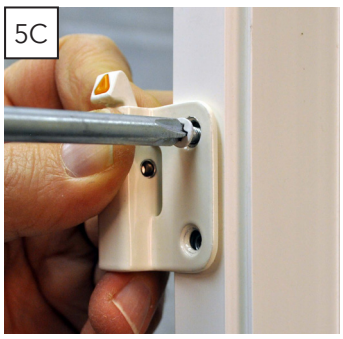


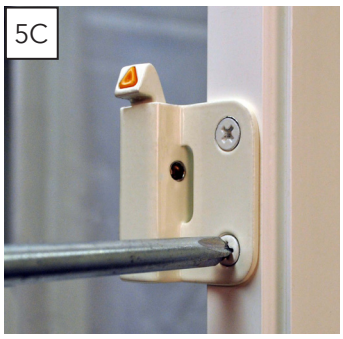
B. **Install screw bosses** into the drilled holes.





C. **Attach the WOCD** by aligning the holes in the WOCD with the screw bosses and insert and tighten the provided screws into the screw bosses.





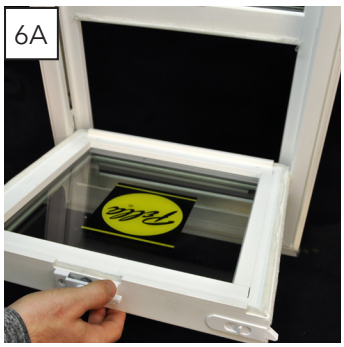
Repeat 5A-5C on the other side of the frame.

PROCEED TO STEP 7.

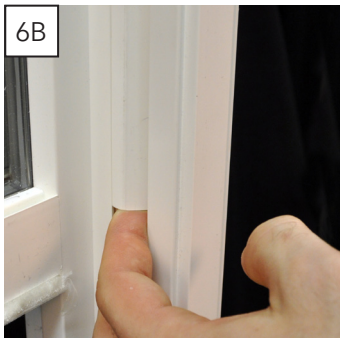
6 INSTALL WINDOW OPENING CONTROL DEVICE:

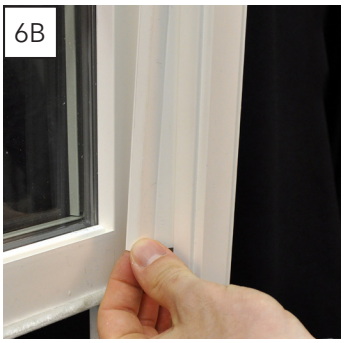
A. **Unlock and tilt lower sash toward the interior.**



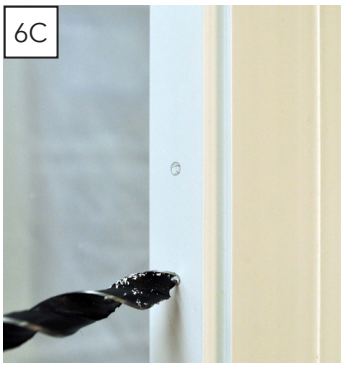


B. **Hook lower portion of the balance pocket cover** with finger and pull the cover out.

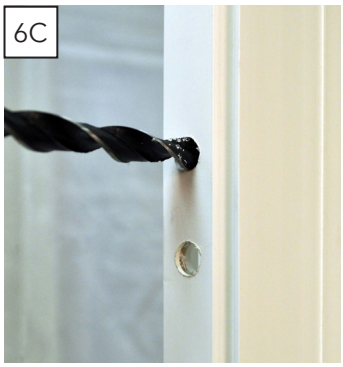




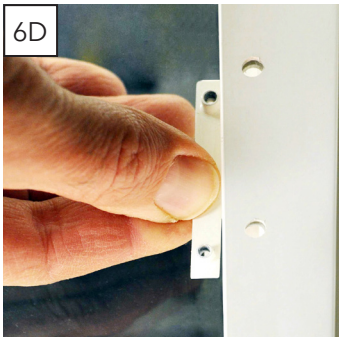
C. **Drill a 1/4" hole** at each marked location through the frame edge.

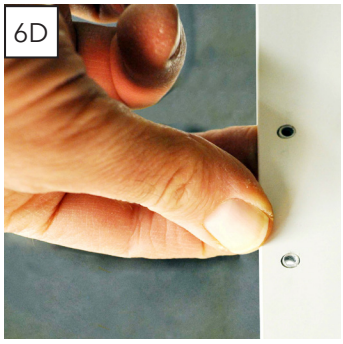




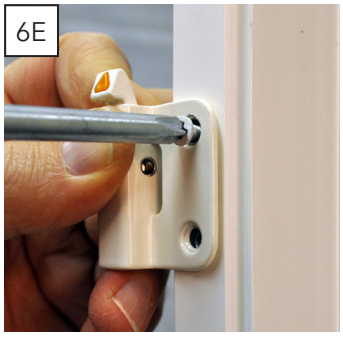


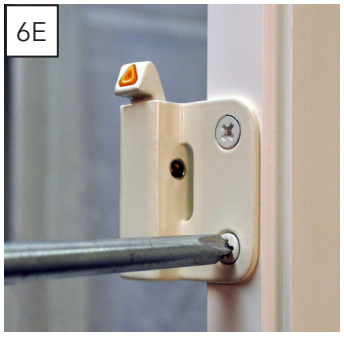
D. **Install screw bosses** into the drilled holes.





E. **Attach the WOCD** by aligning the holes in the WOCD with the screw bosses and insert and tighten the provided screws into the screw bosses.





© 2015 Pella Corporation

6 INSTALL WINDOW OPENING CONTROL DEVICE (CONTINUED):

F. **Insert balance pocket cover into balance pocket** and press cover until it "snaps" into place



Repeat 6A-6F on the other side of the frame.

ALL DOUBLE-HUNG AND SINGLE-HUNG:

7 INSTALL BUMPER:

⚠ WARNING!

Bumpers are small parts and could pose a choking hazard to young children.

A. **If adequate space on checkrail;** apply bumper pad to top of lower sash checkrail. Remove release paper on the bumper pads and apply to each end of the top of the lower sash checkrail where the restrictor arm will contact the lower sash.

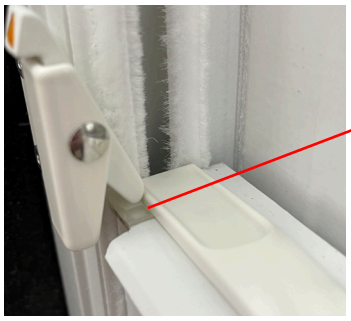






For Impervia Hung windows: The bumper pad will need to be cut/ trimmed to be flush with the filed notch as shown.



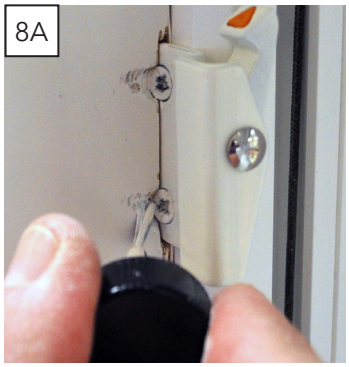


For Impervia Hung windows: The WOCD should have ample engagement with the pad if the notch is properly filed.

Impervia Hung Windows

8 PAINT TOUCH-UP (WINDOWS WITH JAMB EXTENSION ONLY):

A. **Use touch-up paint on the relief cuts on the jamb extensions.**

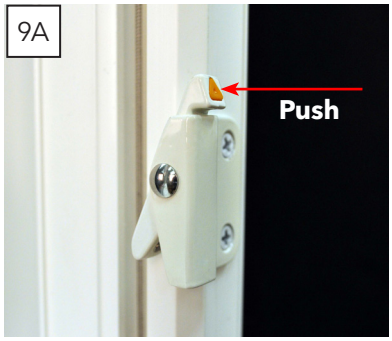


9 CONFIRM OPERATION:

⚠ WARNING!

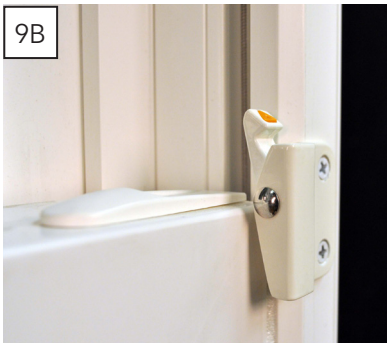
- Window opening control device should automatically re-engage when closing bottom sash.
- After activation of the window opening control device check for window openability.

A. **Disengage each opening control device,** unlock and raise the lower sash





B. **When the lower sash moves past the opening control device,** it will reset the restrictor arm.

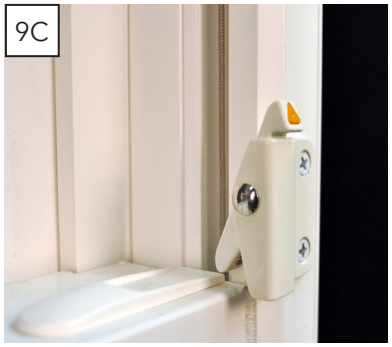






C. **With the restrictor arm reset, as the sash is lowered,** the arm will extend and once again control the opening.







D. **With the window control opening device engaged,** the clear opening cannot exceed 4".

