

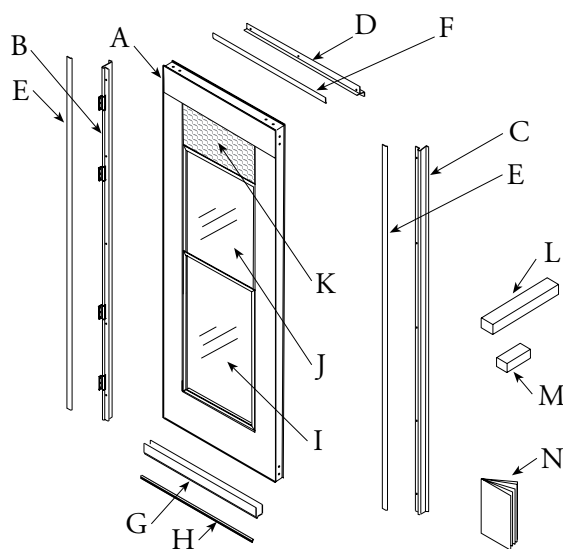


OWNER'S GUIDE AND INSTALLATION MANUAL

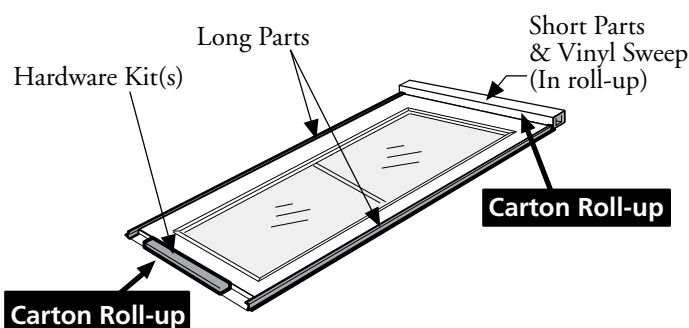
Pella® Rolscreen® Storm Doors

Note To The Installer: This Owner's Manual is the property of the homeowner. Please leave it with the homeowner upon completion of the installation.

Storm Door Components



- | | |
|---------------------------|---|
| A. Door Panel | I. Glass Panel Bottom |
| B. Hinge Mounting Frame | J. Glass Panel Top |
| C. Latch Mounting Frame | K. Rolscreen |
| D. Top Mounting Frame | L. Hardware Kit - Closers and installation screws |
| E. Vertical Screw Cover | M. Handle Kit |
| F. Horizontal Screw Cover | N. Installation Guide |
| G. Bottom Expander | |
| H. Sweep (Black Vinyl) | |



IMPORTANT: Before discarding the carton, make sure ALL parts are accounted for. Check the carton roll-ups at the top and bottom.

Tools Required

- | | |
|-----------------------------|---|
| • Pencil | • Hammer |
| • Tape measure | • Hack saw |
| • Utility knife or scissors | • Drill |
| • Centerpunch | • 3/32" drill bit |
| • Phillips Screwdriver | • 1/8" drill bit |
| • Flat Blade Screwdriver | • 3/8" drill bit (hardware) |
| • Pliers | • Sawhorses (Optional) |
| | • 1/16" to 3/16" shims (not included) (as required) |
| | • Power Screwdriver (Optional) |

Installation will require two or more persons for safety reasons. Remember to use appropriate personal protective equipment.

To order replacement parts, call
1-800-374-4758
 or visit us at www.pella.com.

Please have your registration and model number ready when you contact us either by telephone or on the internet.

BEFORE YOU BEGIN

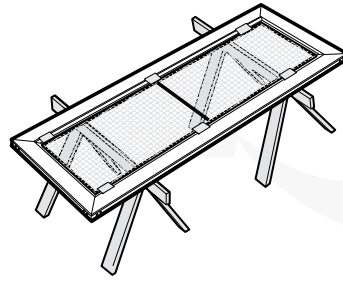
- A. **Verify opening size** with size shown on the box label.
- B. **Make sure house door trim is securely nailed** to support your new storm door.

- C. **Remove the door from the carton.**

Note: Before discarding the carton, make sure ALL parts are accounted for. Check the carton roll-ups at the top and bottom.

- D. **Record the door's registration number** for future reference.

Note: The door's registration label is located on the hinge mounting frame.



Registration Number:

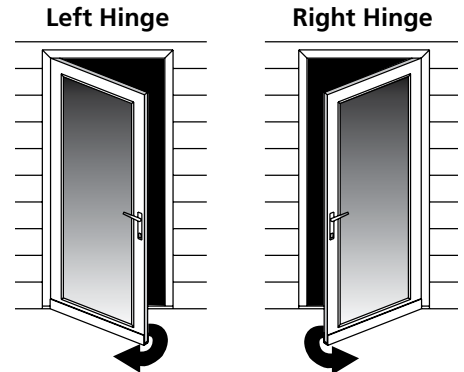
Door Model Number:
(see carton label)

1 DETERMINE LEFT OR RIGHT HINGE SIDE AND PREPARE ENTRYWAY

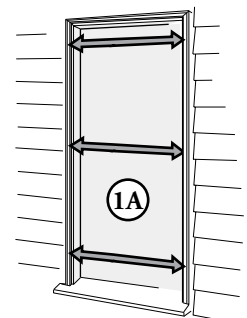
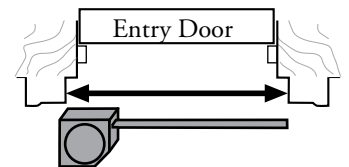
Determine which side you want your storm door to hinge when viewed from the exterior of your home.

NOTE: When making this determination, make sure the handle on the storm door will not interfere with the handle on the primary door. If the primary door hardware is at the same height, it may interfere and we recommend you hinge the storm door on the opposite side.

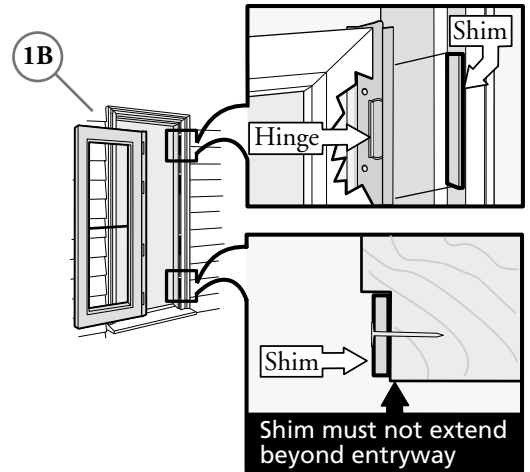
- A. **Verify the door will fit in the entryway opening.** Measure the width of the opening in three locations. Using the smallest measurement, refer to the chart for shimming requirements and shim accordingly.



	Your entryway opening width (measured in inches)	
32" Storm Door	31-7/8" to 32-1/16"	More than 32-3/8"
36" Storm Door	35-7/8" to 36-1/16"	More than 36-3/8"
Shim Requirement →	No shim required	Add shims on hinge side to get down to the "No shim required" width range



- B. **If required, shim the entry door frame.** Using four shim sections each about 8" to 12" long, position to align with the hinges on the storm door. **DO NOT** extend the shim beyond the face of the entryway. (Shims not provided)

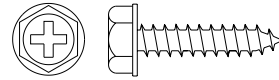


2 HINGE MOUNTING FRAME ASSEMBLY

- A. **With the interior of the door facing up**, position the hinge mounting frame on the door panel.

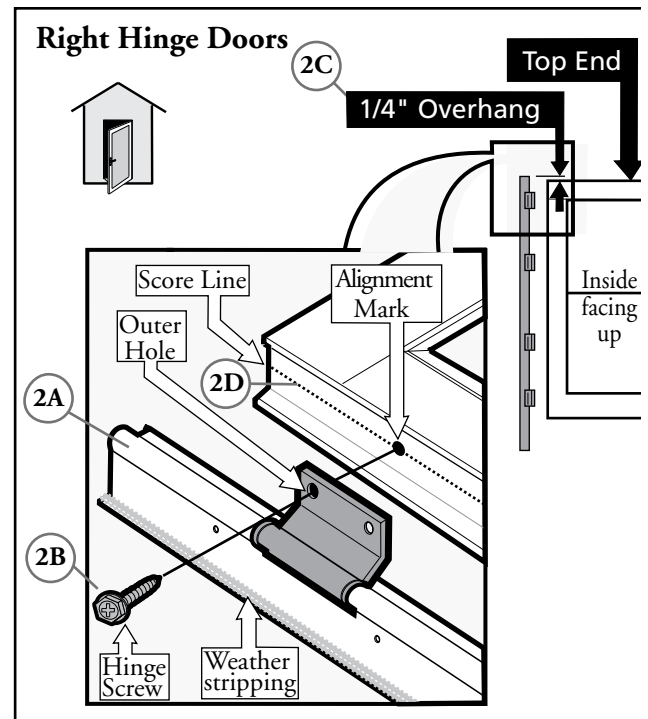
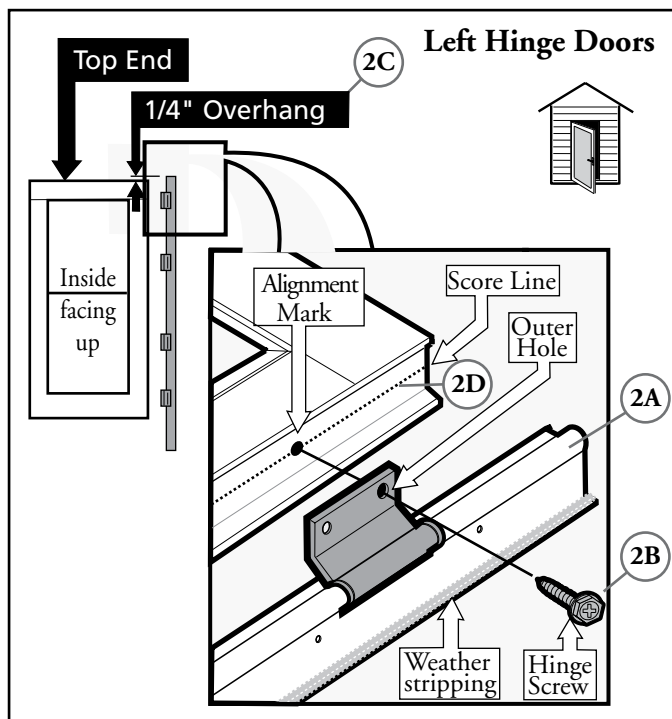
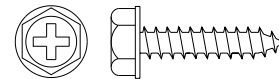
Note: Notice the location of the weatherstripping.

- B. **Align the pre-drilled hole with the outer hinge hole** and install one hinge screw (#8 x 3/4" hex head).



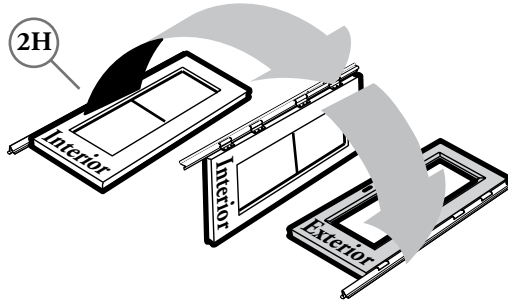
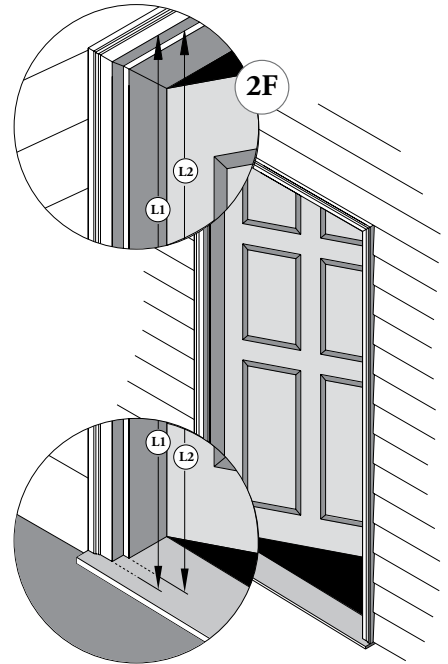
- C. **Check to ensure there is a 3/16" - 1/4" overhang** from the highest point of the top of the door.

Note: If the hinge side mounting frame extends more than or less than 3/16" - 1/4" above the top of the door panel, remove the hinge screw. Position the hinge side mounting frame to achieve the correct overhang, and centerpunch and drill a new 1/8" diameter hole through one of the other hinge holes. Install the (#8 x 3/4" hex head) hinge screw in the new hole.



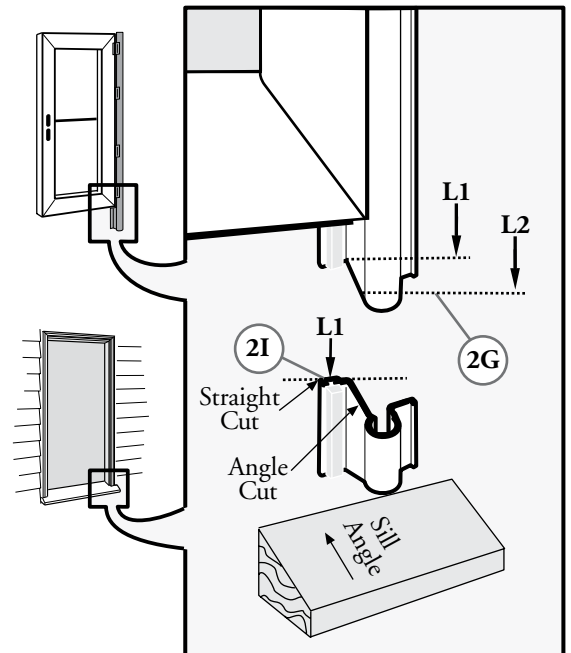
2 HINGE MOUNTING FRAME ASSEMBLY (CONTINUED)

- D. **Align the hinge holes with the score line** on the storm door.
- E. **Drill** the remaining hinge holes using a 1/8" drill bit and install the remaining hinge screws.
- F. **Determine the finished length of the mounting frame.**
Facing the house from the outside, measure the height of the opening as illustrated in 2F. This measurement is taken from the top of the door opening down to the bottom threshold.
- G. Take two measurements (L1 and L2) as shown to determine the threshold angle to cut the mounting frame.
- H. **Turn the door over so the exterior faces up.** Starting at the top of the hinge mounting frame and working toward the bottom, measure and mark the lengths L1 and L2 taken from the previous step.



- I. **Matching the angle of your entryway sill,** cut the bottom of the hinge mounting frame to length.

Note: For a simplified installation, a straight cut at L1 may be made.



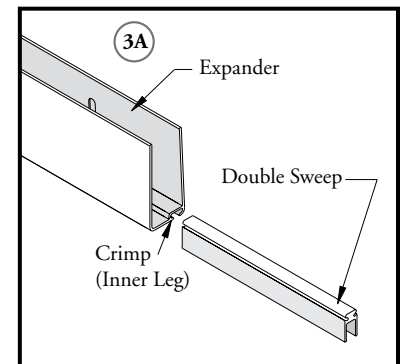
3 INSTALL EXPANDER SWEEPS

- A. **Remove the expander from the door.**

Install the sweep by threading it into the channel of the expander. While bending the sweep out of the way, crimp both ends of the expander channel with pliers to hold the sweep locked in position. For best results crimp the inner leg of the channel only. Cut off any excess sweep material.

- B. **Install the expander.**

Install expander on the bottom of the door so the holes are located on the inside of the door. Do not fasten expander to the door at this time.

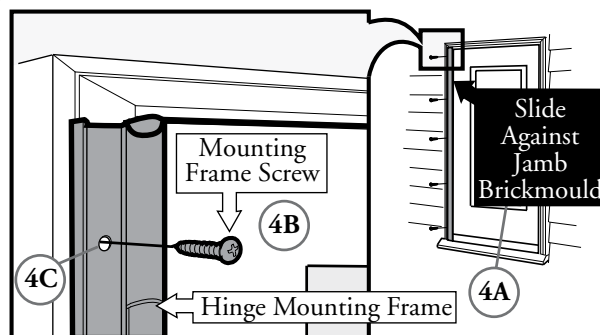


Two or more persons may be required for the following steps.

4 INSTALL THE DOOR

Note: The illustrations show the installation of a left hinge door. Right hinge doors are installed with the hinges to the right side of the entryway opening when viewed from the exterior.

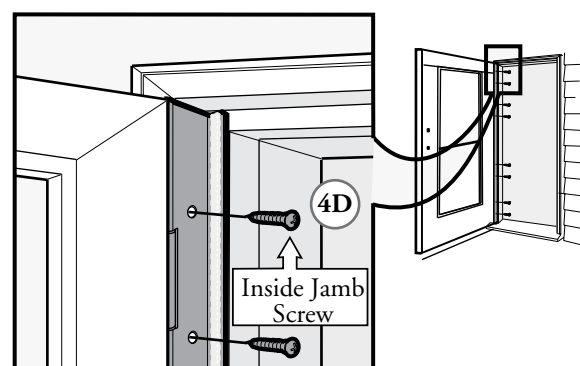
- A. **Set the door in the entryway opening** resting the hinge side mounting frame on the sill. Slide the hinge frame tight against the entry door jamb or against any shims that were installed in Step 1B.
- B. **Drill a 3/32" diameter hole** through the top pre-drilled hole of the hinge mounting frame. Install a mounting frame screw (#6 x 1" Phillips pan head). Use a scrap piece to check spacing. Verify the door operates properly.



- C. **Drill a 3/32" diameter hole** through the remaining pre-drilled holes of the hinge mounting frame. Install a mounting frame screw (#6 x 1" Phillips pan head). DO NOT overtighten.



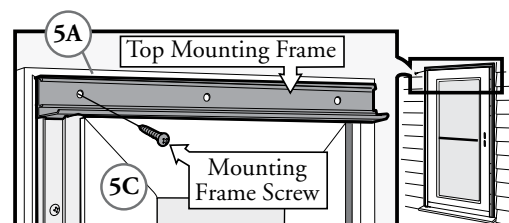
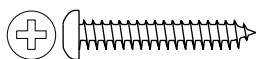
- D. **Open the door.** Drill a 3/32" diameter hole through each pre-drilled hole of the hinge mounting frame. Install the inside jamb screws (#8 x 3/4" Phillips pan head). DO NOT overtighten.



5 TOP MOUNTING FRAME

- A. **With the door open, position the top mounting frame** so it rests on the hinge mounting frame.
- B. **Close the door and align the end** of the top mounting frame with the outer edge of the hinge mounting frame. Position to achieve a uniform gap between the top mounting frame and the door.
- C. **Drill a 3/32" diameter hole** through each pre-drilled hole of the top mounting frame. Secure the top mounting frame with the mounting frame screws (#6 x 1" Phillips pan head).

Note: Drill and install the hinge side screw first.



6 LATCH MOUNTING FRAME

- A. **Measure the latch side height** from the underside of the top mounting frame to the sill (see L3 and L4).
Note: Measure entryway with brickmould at the point where the brickmould attaches to the entry door frame.
- B. **Starting at the top of the latch mounting frame, mark off your measurement** (see L3 and L4) **and cut to length** matching the angle of the sill.

Note: Notice the position of the weather-stripping.

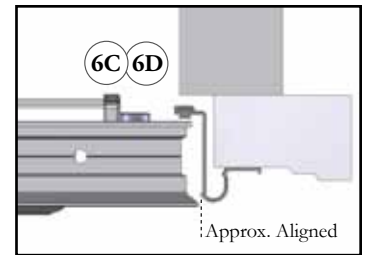
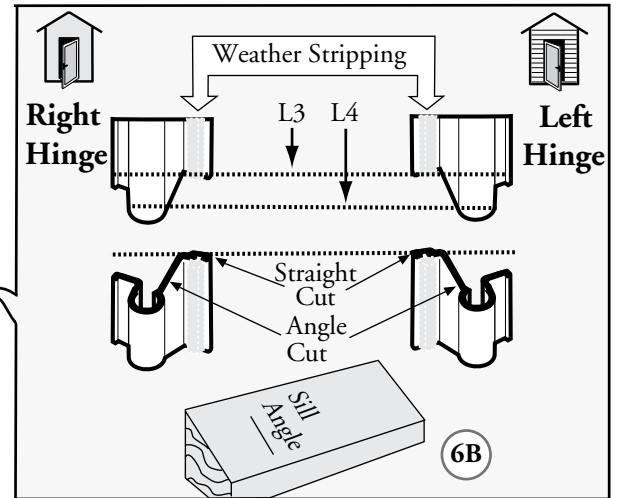
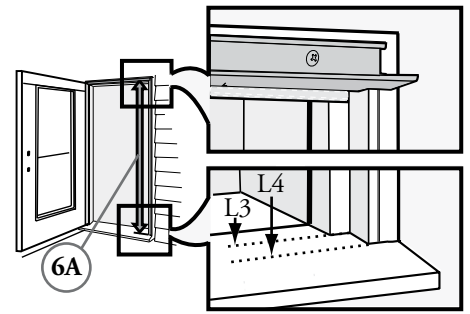
Copy the cuts made in step 2I.

- C. **Position the latch mounting frame in the entryway** and align based on your model's door frame style.

- D. **Position the latch mounting frame** in the entryway opening. Line up the exterior end of the latch side mounting frame with the end of the top mounting frame. Beginning at the top hole, drill a $\frac{3}{32}$ " diameter hole through the pre-drilled hole of the latch mounting frame. Be sure the edge of door panel and the mounting frame are aligned from top to bottom. Install a mounting frame screw (#6 x 1" Phillips pan head) in each hole.



Hint: Drilling and installing the top screw first makes it easier to align the mounting frame correctly.



7 BOTTOM EXPANDER ADJUSTMENT

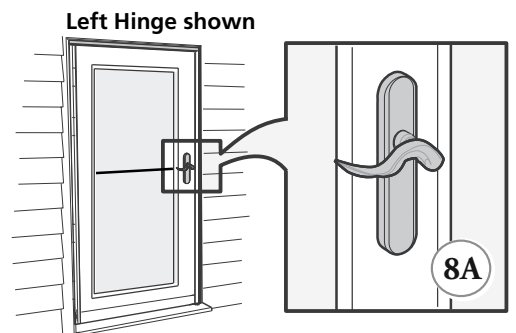
- A. **Close the door and adjust the bottom expander** so that the vinyl sweeps touch the door threshold. The slotted holes in the expander should be located on the inside of the door.
- B. **From the interior, drill a $\frac{3}{32}$ " hole** in the center of each slot of the bottom expander. Drill through the bottom expander and interior surface of the door.
- C. **Install a bottom expander screw** (#6 x $\frac{3}{8}$ " Phillips pan head) **in each end.**



Note: Use a hand screwdriver to secure the expander. DO NOT use a power screwdriver.

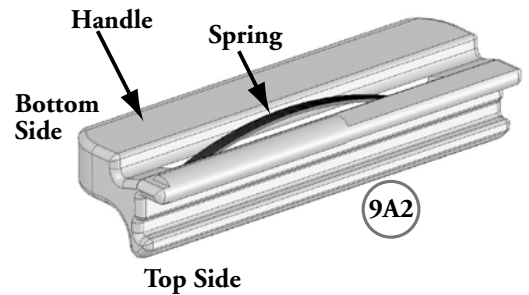
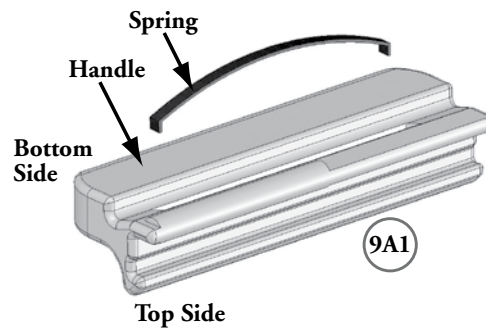
8 DOOR HANDLE HARDWARE

- A. **Handle Hardware:** To install the handle assembly, refer to the separate instruction sheet included in the handle hardware box. For mortise hardware you may need to reverse latch assembly. See Hardware instructions.



9 WINDOW HANDLE INSTALLATION

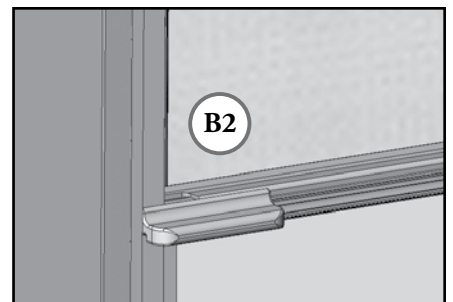
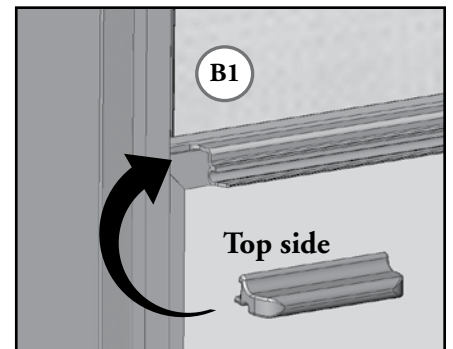
A. Install spring into bottom of handle.



B. To install handle onto window, open top window to a comfortable height for handle installation.

Slide the handle (with the spring installed and facing down) into the top rail channel starting at the **left side** of the top of the operating glass.

The spring may need to be compressed slightly to allow the handle to slide into the channel.

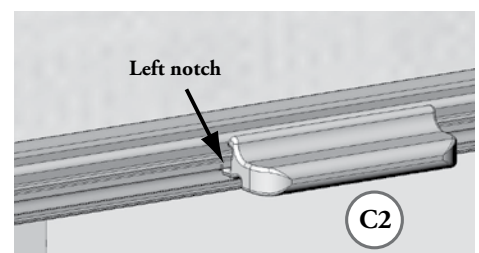
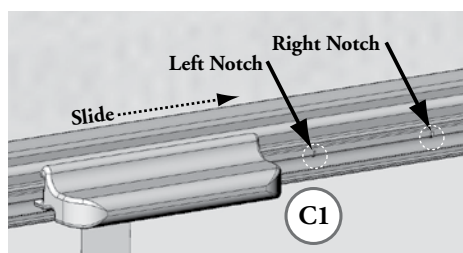


C. Center handle on window rail.

Slide the handle past the first (left) notch. There will be some resistance. **THEN STOP!** (Figure 9C1) The handle should not go past the second (right) notch (Figure 9C2).

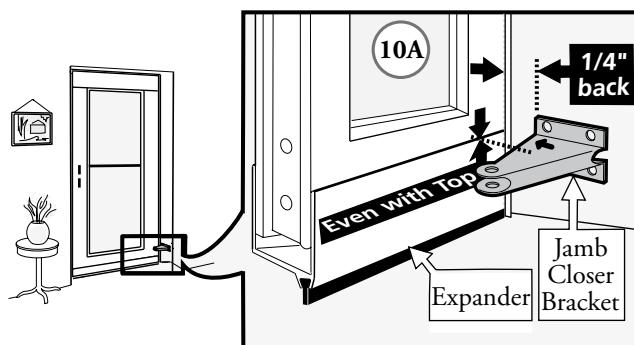
Left notch will be visible when handle installation is complete.

Right notch will be hidden behind handle.



10 DOOR CLOSERS

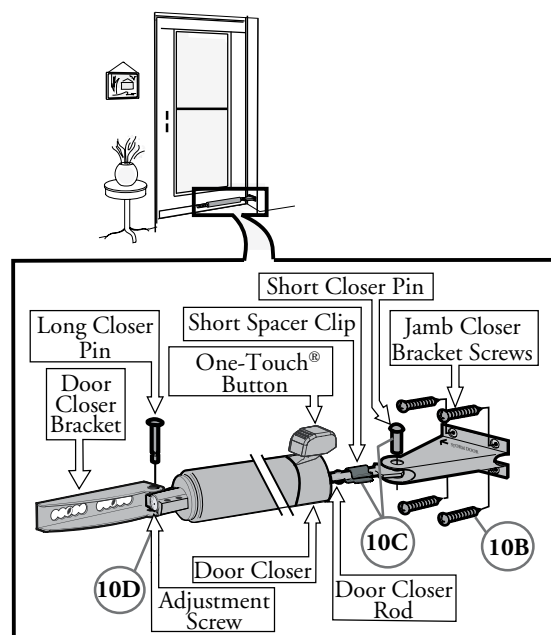
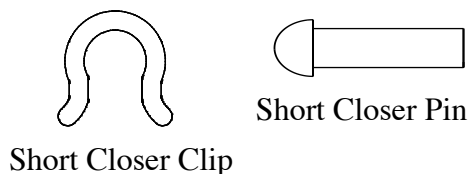
- A. **On the hinge side of your entryway**, position a jamb closer bracket even with the top of the expander, (see the dotted line in the illustration) and 1/4" back from the mounting frame. Mark the screw hole locations and drill 1/8" diameter holes.



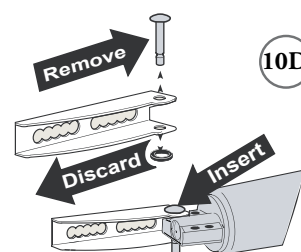
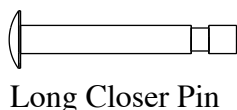
- B. **Install the bottom jamb closer brackets** using four jamb bracket screws (#10 x 1-1/2" Phillips pan head) for each bracket.



- C. **Attach the bottom closer (with One-Touch® button)** rod to the jamb bracket using the short closer pin, then pull the door closer and slide the SHORT spacer clip onto the closer rod as shown. Rotate the closer so the One-touch® button is along the top of the closer.

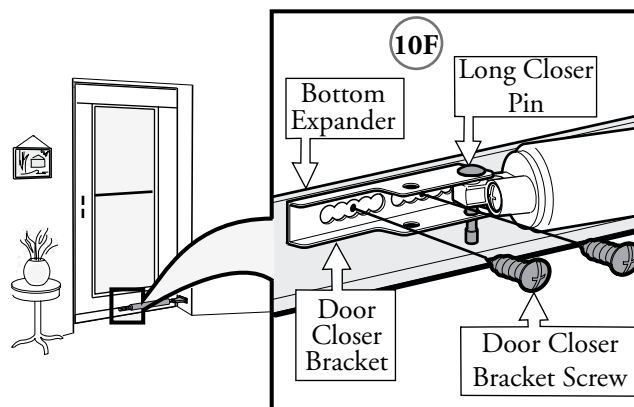
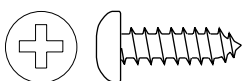


- D. **Attach the door closer bracket to the door closer**, by removing the O-ring and pin, then reinserting the pin.



- E. **With the door tightly closed**, align the bottom door closer bracket with the top of the bottom expander. Mark the centers of the hole pattern. Center punch and drill 1/8" diameter holes through the interior face of the door.

- F. **Install the door closer bracket** with two door closer bracket screws (#10 x 5/8" Phillips pan head).



10 DOOR CLOSERS (CONTINUED)

G. Discard spacer clip from the closer rod.

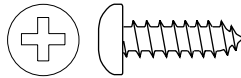
H. Measure the distance from the hinge side of the entryway, to the end of the bottom door closer bracket.

I. Measure and mark this distance for the top closer, just above the screen head cover.

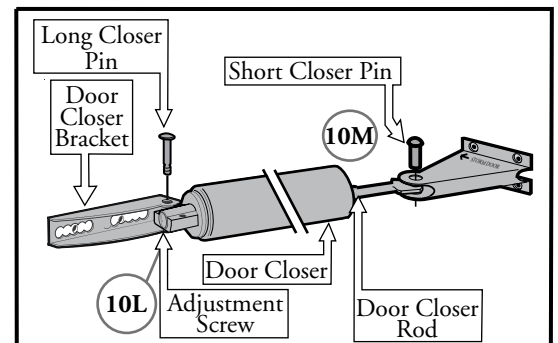
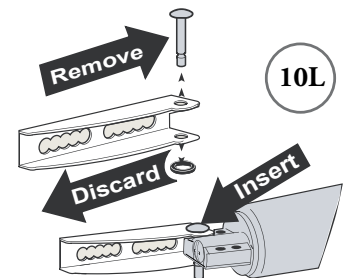
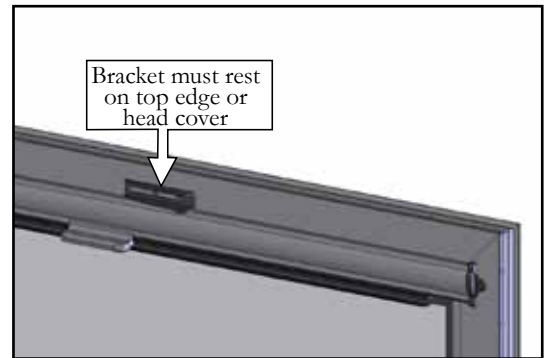
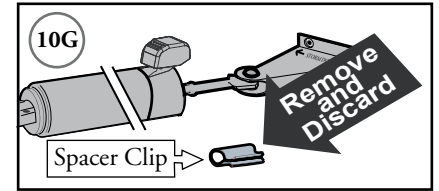
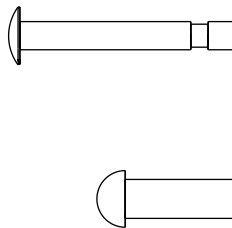
J. Rest the door closer bracket on top edge of the screen head cover (10J), and position the end of the door closer bracket on the mark from step I. Mark the screw locations for the top door closer bracket. Center punch and drill 1/8" diameter pilot holes.

K. Install the top door closer bracket with two door closer bracket screws (#10 x 5/8" Phillips pan head).

L. Attach the door closer bracket to the door closer, by removing the O-ring and pin, then reinserting the pin.



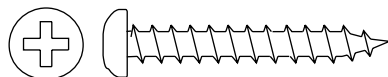
M. Attach the top closer rod to the jamb bracket using the short closer pin (10J, 10M).



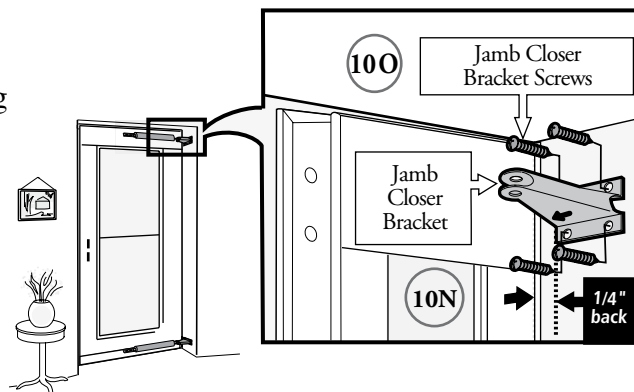
10 DOOR CLOSERS (CONTINUED)

- N. **Holding the closer level, position the jamb closer bracket against the entryway jamb.** Ensure the jamb closer bracket is 1/4" back from the hinge side mounting frame, mark the mounting screw locations and drill 1/8" diameter pilot holes.

- O. **Install the top jamb closer bracket** using four jamb bracket screws (#10 x 1-1/2" Phillips pan head) for each bracket.

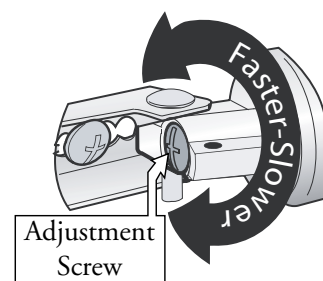


Note: Removing the door jamb bracket from the closer may make installation of the bracket easier.



- P. **Open the door and check the closer speed.** The speed of each closer may be adjusted by turning the adjustment screw. Turn the screw clockwise to reduce the closer speed or counter clockwise to increase the closer speed.

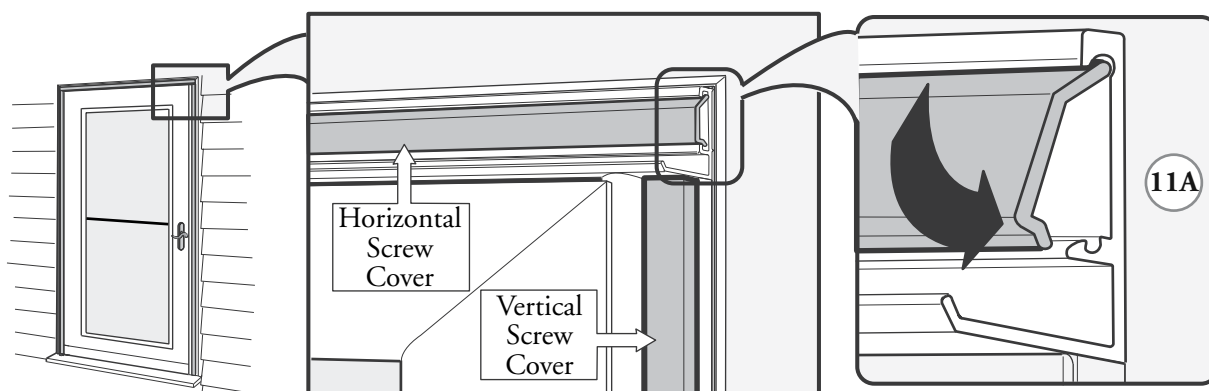
- Q. **To use the One-Touch® Button:** Tap the button and open the door. To close, nudge the door open slightly.



11 EXTERIOR SCREW COVERS

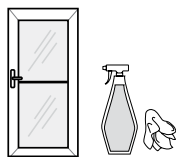
- A. **Screw Covers:** Starting flush at one end, install the horizontal screw cover strip by inserting the angled edge into the outer most track and pressing in place. Repeat this procedure for the two vertical screw covers starting at the top of the mounting frames.

Note: Cut the vertical screw covers to match the length of the mounting frame by scoring with a utility knife, then snapping in two.



CARE AND MAINTENANCE

Door Cleaning



Routine Cleaning: Painted metal surfaces of the door may be cleaned by using a soft cloth with a mild soap and water solution, or any household grease-cutting cleaner.

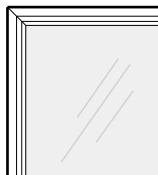
Note: *Light marks on the painted surfaces of the door can be removed using turpentine or any household grease-cutting cleaner.*

Bottom Expander Cleaning

IMPORTANT: DO NOT use brass polish or steel wool on the bottom expander.

The bottom expander is an aluminum product with a simulated metallic anodized finish. Use a soft cloth with mild soap and water solution or any household grease-cutting cleaner.

Plain Glass Cleaning



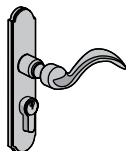
Models with decorative glass - follow instructions below.

Note: DO NOT use an ammonia-based cleaner for the first cleaning of the glass.

First Cleaning: Use a mixture of one part vinegar with four parts water to remove the protective coating (applied for shipping protection) from the glass.

Routine Cleaning: Use a soft cloth with mild soap and water solution, or any household glass cleaner.

Brass & Other Metallic Handle Cleaning



Routine Cleaning: Use a soft cloth with a mild soap and water solution to clean the surfaces. Apply a high quality, non-abrasive automobile wax to polish.

Note: DO NOT use ammonia-based cleaners on brass or other metallic finish handles.

Cleaning & Refinishing Damaged Brass

If your Pella® door includes a Bright Brass solid brass handle, the brass is polished and sealed with a clear coating by the manufacturer. (Oil-Rubbed Bronze is living finish that will develop its own unique patina with use.) Should the finish be accidentally damaged by an abrasive or sharp object, it will succumb to a natural oxidation process that occurs when the elements contact unprotected brass. Brass has an enduring quality, in that it can be refurbished to its original polished finish again and again by using a quality brass polish such as Brasso® and a soft cloth.

1. Remove the hardware from the door so the finish of the door will not be affected. See the hardware instructions for removal.
Note: *You may be able to leave the hardware in place on the door when polishing the handle. Make certain to completely mask off all areas around the handle before starting. If polishing the key cylinder, protect the internal mechanism by covering the opening with tape.*
2. Use a quality brass polish or cleaner to clean the brass - follow the product's manufacturer's directions.
Note: *Firm rubbing may be necessary to loosen the coating on the brass.*
3. Reseal the brass per instructions below.
 - a. Apply a high quality, non-abrasive, polymer-based automobile wax - follow the product manufacturer's directions.
 - b. Apply a clear coat lacquer spray to the brass - follow the product's manufacturer's directions.

Note: *If you removed the hardware from the door, lubricate any internal workings with a spray lubricant. Re-install the hardware on the door using the hardware installation instructions.*

TROUBLE SHOOTING GUIDE

If you have a question that you do not see listed here, or have not been able to resolve through your Pella® Owner's Manual and Installation Guide, call one of our customer service representatives toll-free at 1-800-374-4758.

Common Questions	Probable Causes	Suggested Solutions
Door does not open or close properly	Entryway opening is out of square/plumb or frame is warped	• Verify the opening and shim to square as necessary.
	Closer out of position	• Remove the adjustment screw from the closer and cycle the door a few times, replace the screw and adjust for proper speed. Disconnect the other closer from door, to adjust one closer at a time. • Verify the arrow on the jamb bracket is pointing toward the storm door. If not, reverse the bracket. • Adjust the position of the closer door bracket until the door closes properly.
	Closer pin in the screen use position	• Move the closer pin to the glass use position. (See steps 10D and 10L.)
	Bottom expander out of position	• Verify the expander is centered on the door - adjust as necessary. • Verify the expander is not too low - raise the expander up so the sweep just contacts the sill.
	Top mounting frame out of alignment	• Verify the top mounting frame weather stripping is positioned between the latch and hinge mounting frames and not overlapping.
	Hinges binding	• Verify mounting frame screws are not overtightened - back off screws slightly. • Verify entryway framing is not twisted or warped - shim or modify as necessary. • Verify hinge mounting frame is not twisted or bent - replace if necessary.
Handle does not latch properly.	Latch not hitting strike plate	• Adjust the strike plate so the latch catches properly - add shims as necessary.
	Lockbody upside down (mortise hardware)	• Verify the live bolt is above the deadbolt and the live bolt is positioned correctly - see hardware installation sheet for proper placement.
	Closer is out of position	• See "Closer out of position" in the "Door does not open / close properly" question above.
Glass/Screen does not operate properly	Screen out of alignment	• Lower the glass panel and manually reinsert the screen onto the track at the top of the door. Fully raise and lower the glass panel.
	Screen does not retract when raising the glass panel	• With the door in an open position, grasp the middle of the screen area by reaching one arm around each side of the door and pressing your hands together. Pull screen down firmly two or three inches, then release the screen, (similar to releasing a window shade). The screen should now retract properly. If this procedure does not work, the screen may need to be replaced.
Water between the storm door and entry door	Weep holes clogged	• Check the bottom window insert track and exterior drainage holes for obstructions.
	Bottom Sweep is making a tight seal against the door sill	• Open the storm door and notch up to 1/2" off both the latch and hinge end of the vinyl sweep.
Glass won't stay up	Window handle not installed	• Install window latch • Not uncommon to drop 1" when sliding insert up or down.

PELLA® STORM DOORS LIMITED WARRANTY - Effective July 2006

Congratulations on choosing a Pella® storm door to protect and beautify your home. This superior quality door has been designed to give you years of trouble-free service, and you are protected by this limited warranty:

Pella® warrants to the ORIGINAL HOMEOWNER PURCHASER of this storm door that it will, without charge to the purchaser, provide parts or exchange, at its option, any door determined to be defective in material or workmanship for 20 years after the purchase date. The purchaser will be responsible for transportation charges. Should the door be determined to be defective in material or workmanship AFTER 20 years from the purchase date, the original purchaser may buy one new Pella storm door at 50% of the then-current manufacturer's suggested list price for as long as the original purchaser owns the home on which the door was installed. The purchase must be made directly from the factory, and all transportation charges are the responsibility of the purchaser.

Should the door be determined to be defective and the purchaser incurs a reinstallation cost within three years of the purchase date, he or she may be reimbursed for these costs up to a maximum of \$25.00, upon furnishing a copy of the invoice for the reinstallation costs.

As a condition of this warranty, it is required that the door be used for residential use only in an owner-occupied home, that it be installed properly as an operating door according to manufacturer's instructions, and that it not be altered in any way. For multi-unit housing applications, ask your dealer for a copy of the appropriate warranty or phone Pella's Customer Service Department at the phone number listed below. This warranty is not transferable.

To make a claim under this warranty, you must:

- Call our Customer Service Department at 1-888-646-5354 or write to Pella Warranty Service, 2333 Eastbrook Drive, Brookings, SD 57006 USA.
- Furnish the original or a copy of the sales receipt or other documents showing the original purchase date and that you are the original purchaser of this door. Exchange is limited to supplying a replacement door of comparable size, style, and color and does not include any cost of removal or installation except as noted above.

The warranty on the latch set and air closer is one year, and any labor charges are not covered. This warranty excludes all damage to glass and screen. This warranty does not cover problems caused by improper storage, handling, installation, use, modification, or maintenance, by Acts of God or by accidents, including accidental glass breakage. It does not apply to normal wear or discoloration of finish; finish problems caused by mechanical damage or abrasion; normal effects of sun and weather, including acid rain, salt spray, or other corrosive elements; damage caused by severe wind; or damage caused by customer abuse or neglect. Oil-Rubbed Bronze is a living finish that will develop its own unique patina with use and is not covered under the Lifetime Finish Guarantee. Bright Brass, Antique Brass, Brushed Brass and Satin Nickel hardware is guaranteed not to tarnish and carries a lifetime finish warranty for as long as the purchaser owns their home.

THIS WARRANTY EXCLUDES ALL INCIDENTAL AND CONSEQUENTIAL DAMAGES. Nothing in this document shall give rise to or extend the period of any warranties implied under state or provincial law, and no implied warranty shall extend beyond the periods covered by this written warranty. Neither Pella Corporation nor any seller of Pella® products will be responsible for incidental or consequential damages which may result from a product defect or malfunction. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may have additional rights which vary from state to state.