Weatherstrip Replacement for Out-Swing French Door

SERVICE INSTRUCTION

These instructions apply to:

Pella® Front Doors – Clad Wood (COS07) 2026 - Current
Pella® Reserve 2017 - Current
Architect Series® 2/2011 - 04/2024
Designer Series® 5/2013 - 03/2019

Tools Required:

- Stiff (thin) blade putty knife
- Staple gun with 1/2" long staples
- Small flat blade screwdriver
- T20 Torx wrench

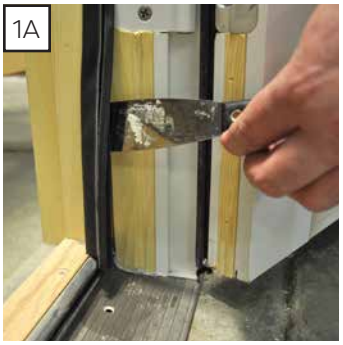
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1 Frame Weatherstrip Replacement:

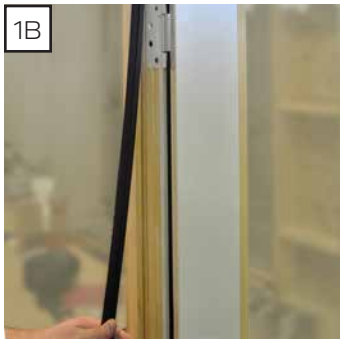
Note: Astragal weatherstrip on double doors is replaced using the same process.

A. **Use a stiff blade putty knife** to pry the leg with the barbs from the weatherstrip kerf in the door frame. There will be one staple near the sill and one near the head on the jamb weatherstrip to be removed. Head weatherstrip is not stapled, except on curved head doors which have staples every 4" across the head.



B. **When one end is loosened,** pull the weatherstrip from the kerf.





C. **Beginning on one end;** insert the weatherstrip into the kerf in the same orientation as removed, press it into place along the length of the weatherstrip.





1 Frame Weatherstrip Replacement (continued):

D. **Insert one staple into each end of the weatherstrip**.



2 Threshold Weatherstrip Replacement:

Image A:
The cross section view shows the barb in the threshold weatherstrip. The barb is installed into the kerf in the side of the threshold.

Image B:
The cross section view shows the two barbs on the threshold weatherstrip. One barb is installed down into a kerf in the metal portion of the sill and the other barb goes into the kerf in the side of the threshold. Both of these barbs need to be released from the kerfs to remove the weatherstrip. **The weatherstrip in Image B is replaced with the weatherstrip in Image A.**

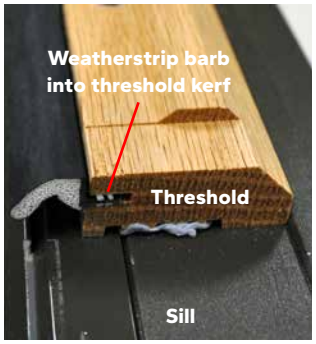


Image A

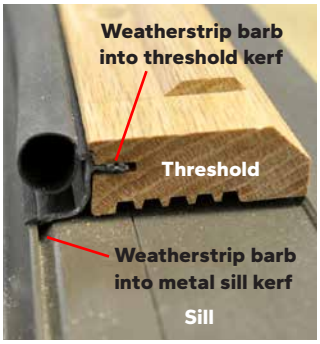


Image B

Image A Weatherstrip Removal:

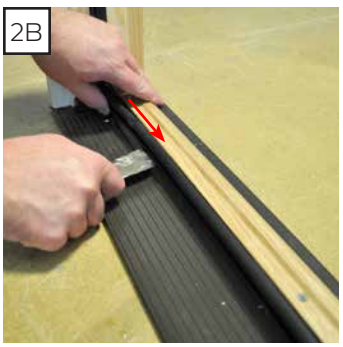
A. **Remove the weatherstrip** from the threshold by pulling the weatherstrip out of the kerf.

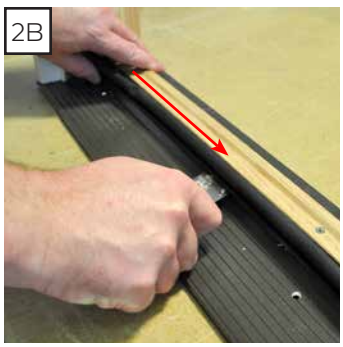


Image B Weatherstrip Removal:

B. **Starting at one end of the threshold;** Insert a stiff blade putty knife under the weatherstrip and pry the bottom barb up out of the sill kerf. With the putty knife blade under the end of the weatherstrip, slide the blade across the width of the sill to remove the barb from the sill kerf.



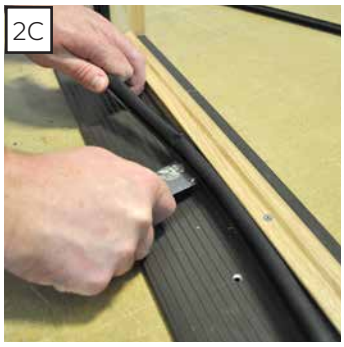




2 Threshold Weatherstrip Replacement (continued):

C. **Insert the putty knife between the weatherstrip and the threshold** to pry the weatherstrip barb out of the threshold kerf. Move across the threshold with the putty knife, prying and pulling the weatherstrip out of the kerf along the way across the entire width of the threshold.

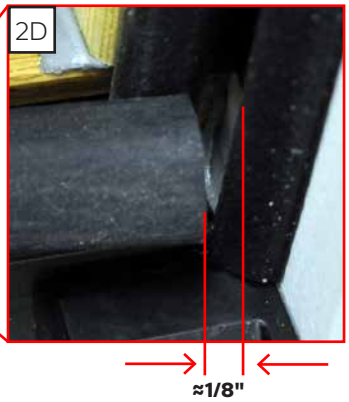






D. **Starting at one end,** insert the weatherstrip barb into the threshold kerf with an approximate 1/8" gap on each end to allow for jamb weatherstrip water drainage. Push weatherstrip in the kerf along the entire length of the threshold.

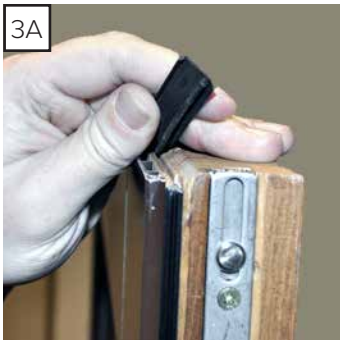






3 Top Panel Cap Rainscreen Replacement:

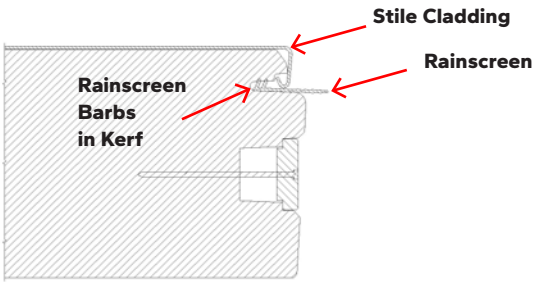
A. **Remove top weatherstrip.** Pull the panel top weatherstrip out of the kerf on the top of the panel.



B. **Install top weatherstrip.** Align the barb on the weatherstrip with the kerf in the same orientation as removed and press into place.



4 Stile Rainscreen Replacement:



Designer Series® 5/2013 - 03/2019

Note: Designer Series® 5/2013 - 03/2019 Stile Rainscreen is installed under the edge of the stile cladding. Removing the door panel is recommended when replacing the rainscreen.

Designer Series only covered in steps 4A-4M.

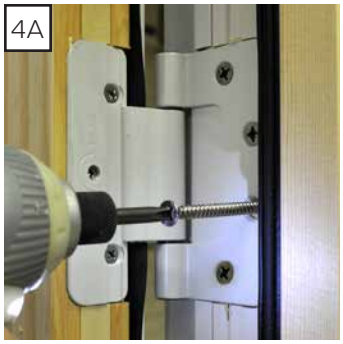
A. **Remove the screws from each hinge frame leaf** and remove the panel from the frame. Lay the panel on top of two saw horses.

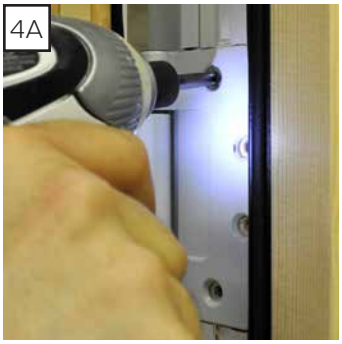
Note: If saw horses are not available, handle removal is recommended so the panel may be placed flat on a smooth surface.

If replacing hinge side rainscreen perform Steps 4B-4C, otherwise go to Step 4E.

⚠ CAUTION

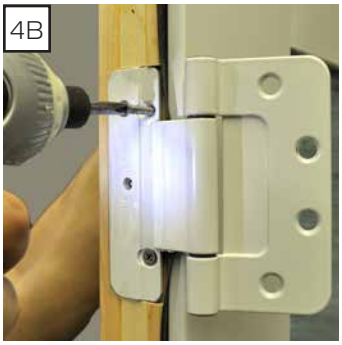
Weight and size of panel may require two or more persons during removal and replacement process.

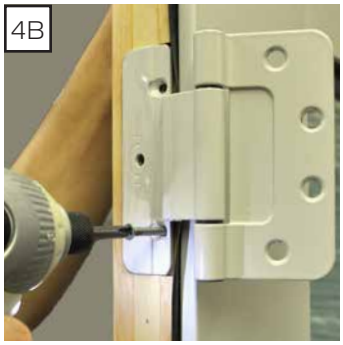




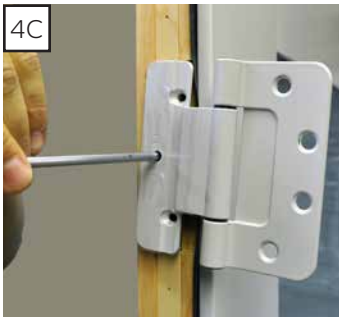


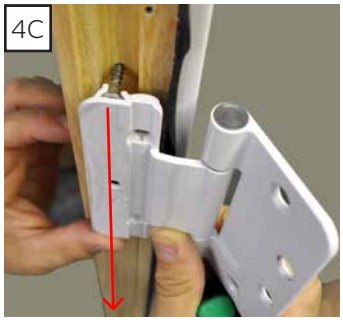
B. **If replacing the rainscreen on the hinge side** of the panel; remove the hinges from the panel. Remove the top and bottom hinge screws.



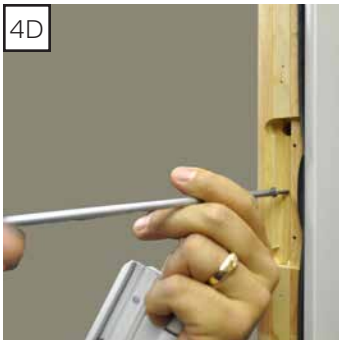


C. **Use a T20 Torx wrench to loosen the center adjustable screw.** Then slide the hinge off the center screw to remove it from the panel.





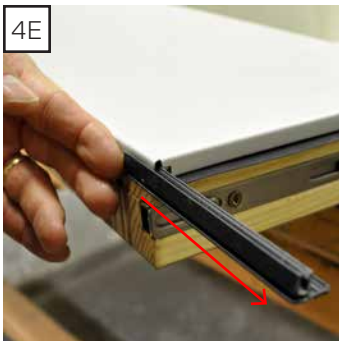
D. **Use a T20 Torx wrench to remove the center adjustable screw.** This is recommended so the screw does not interfere with the rainstrip replacement process to follow.



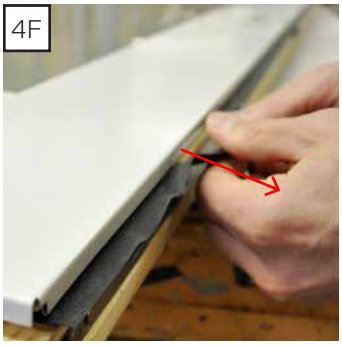


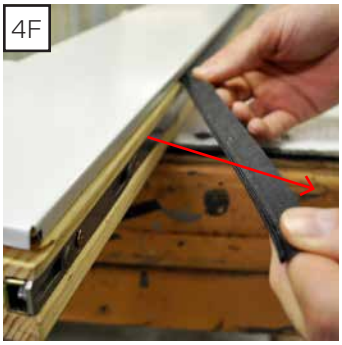
4 Stile Rainscreen Replacement (continued):

E. **Slide the cladding/weatherstrip receptor out from under the stile cladding** on the side the stile rainscreen will be removed. A small flat blade screwdriver may be used to begin the removal process.

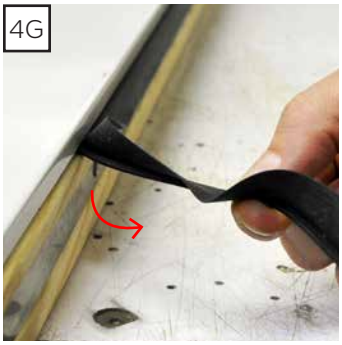


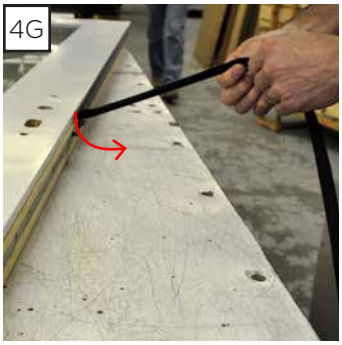
F. **Begin pulling the rainscreen away from the stile about 12" from the stile end** to shift the rainscreen barbs under the stile cladding. Then pull the rainscreen away from the cladding.





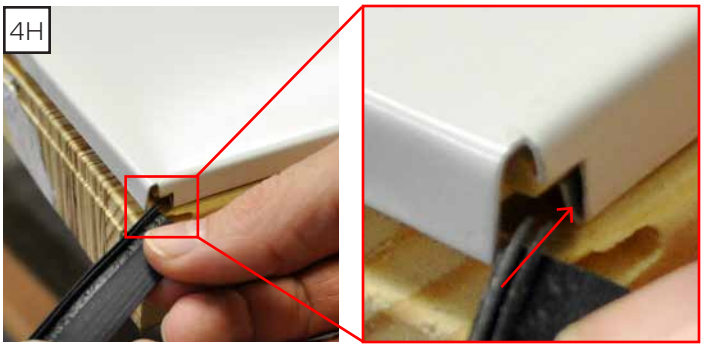
G. **Continue pulling rainscreen and twisting it slightly down and away** from the stile cladding along the length of the panel.





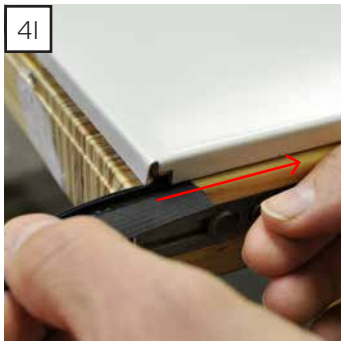
Note: Replacement rainscreen is provided cut to the proper length.

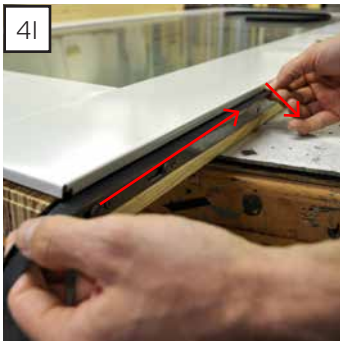
H. **Insert the barbs of one end of the replacement rainscreen** behind the edge of the stile cladding.

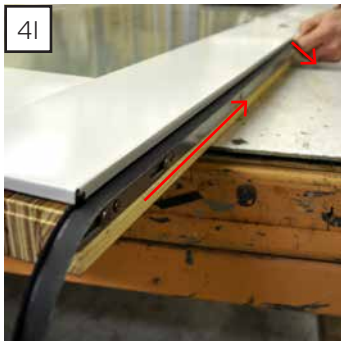


I. **Push and pull the rainscreen along the length of the stile cladding**.

TIP: When pulling rainscreen along the length of the cladding, pull slightly toward the panel edge; this will keep the barbs close to the cladding edge and allow the rainscreen to move more freely.



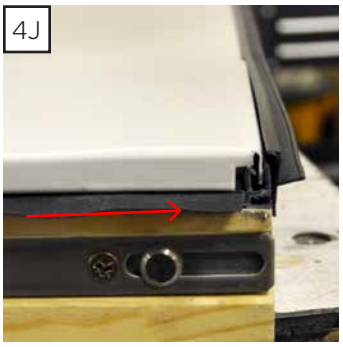


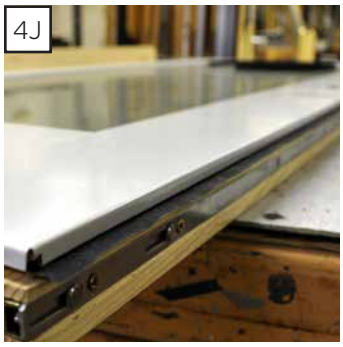




4 Stile Rainscreen Replacement (continued):

J. **Pull the rainscreen up to the cladding/ weatherstrip receptor** at the other end of the stile.



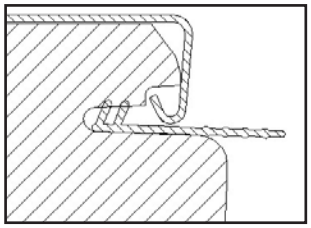


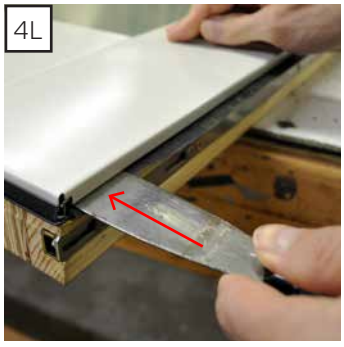
K. **Slide the cladding/weatherstrip receptor in under the end of stile cladding** from where it was removed in Step 4E.

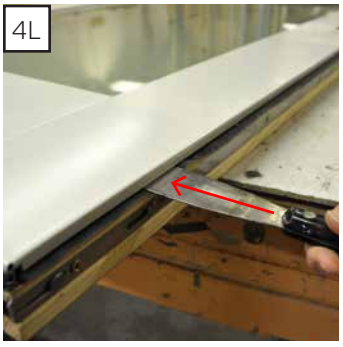


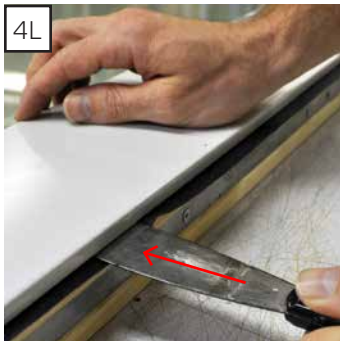


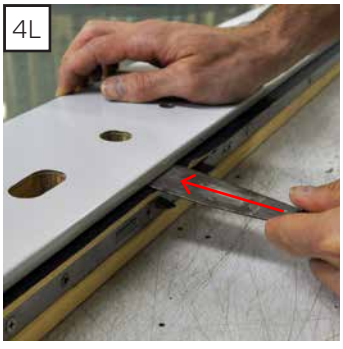
L. **Push the rainscreen into the kerf under the cladding using a thin blade putty knife.** Push the rainscreen in along the entire length of the stile cladding.

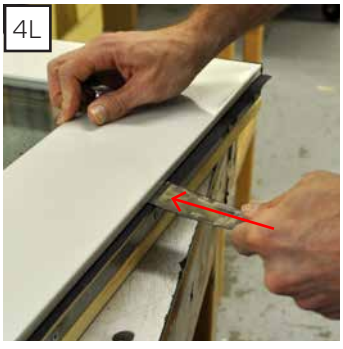


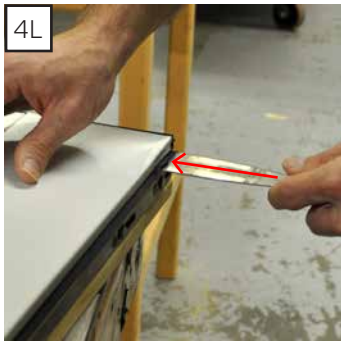










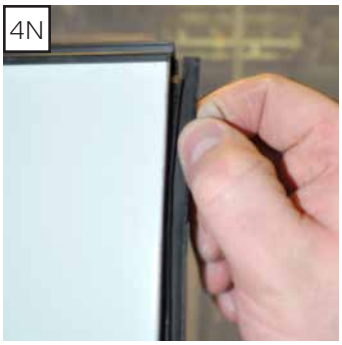


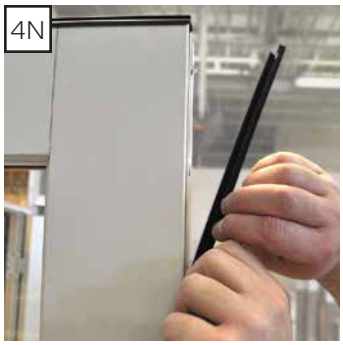
M. **Reinstall the (hinges, if needed)** and the panel by performing steps 4A-4D in reverse order.

4 Stile Rainscreen Replacement (continued):

Architect Series® 2/2011 - 04/2024,
Pella® Reserve 2017 - Current,
Pella® Front Doors – Clad Wood (COS07) 2026 - Current:

N. **Remove stile rainscreen.** Grasp the stile rainstrip as close to the panel edge as possible and pull the rainstrip from the kerf on the edge of the panel.

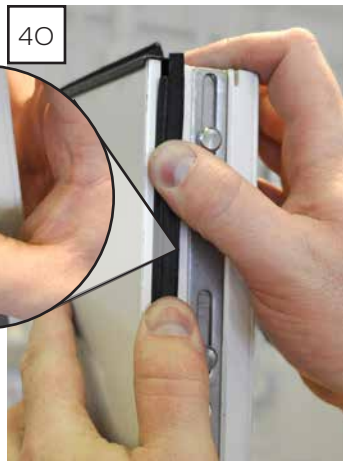




O. **Install stile rainscreen.** Insert the rainscreen into the kerf and press to fully seat into place along the length of the stile.

TIP: Folding the leaf portion of the rainscreen over when pushing into the kerf will help facilitate seating the barb into the kerf.





5 Bristle Strip (Panel Bottom Weatherstrip) Replacement:

A. **Pull the bristle strip out of the kerf** in the cladding/ weatherstrip receptor.

B. **Insert the replacement bristle strip** into the cladding/ weatherstrip receptor.







5 Bristle Strip (Panel Bottom Weatherstrip) Replacement:

C. **If mohair weatherstrip profile is as shown in image,** install staples on each end of the weatherstrip in the same locations as the staples were removed.



