Threshold Replacement for Out-Swing Entry Door
Service Instruction

These instructions apply to:

Pella® Entry Doors 7/2011–02/2020
Architect Series® Entry Doors 7/2011–02/2020

Tools Required:

- Stiff blade putty knife or flat-blade screwdriver
- Staple gun with 1/2" crown staples
- Sealant gun with sealant
- #2 Phillips screwdriver
- Utility knife
- Small pry bar
- Side cutters
- Brad nail gun

Note: Threshold replacement can be accomplished without removing a jamb frame stop, but threshold replacement is more straightforward if one of the jamb frame stops are removed prior to replacing the threshold.

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1 Jamb Frame Stop Removal:

A. Remove the frame weatherstrip(s). Use a putty knife or straight blade screwdriver to pry the weatherstrip from the kerf in the door frame. There will be one staple near the sill and one near the head on jamb weatherstrip to be removed.

1A



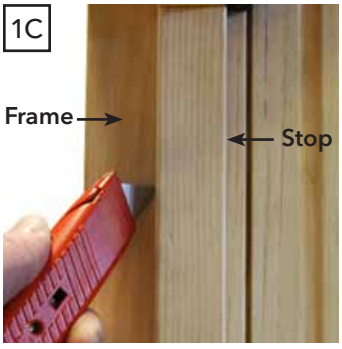
B. Remove weatherstrip from kerf. When one end is loosened, pull the weatherstrip from the kerf.

1B



C. Cut the finish between the stop and the frame.

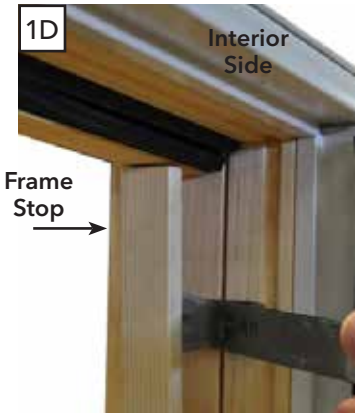
1C

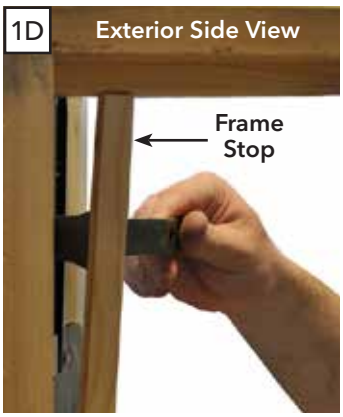


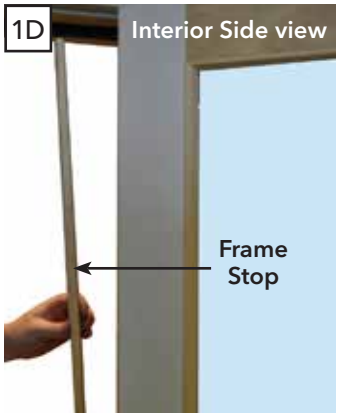
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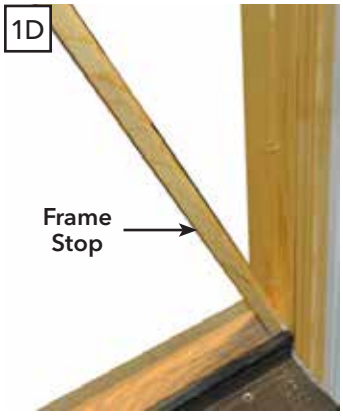
1 Jamb Frame Stop Removal (continued):

D. Remove the frame stop(s). Use a stiff blade putty knife or small pry bar to pry the stop from the frame.







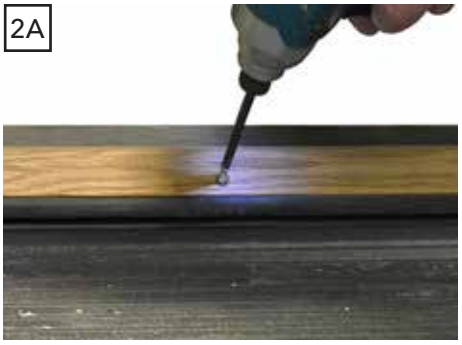


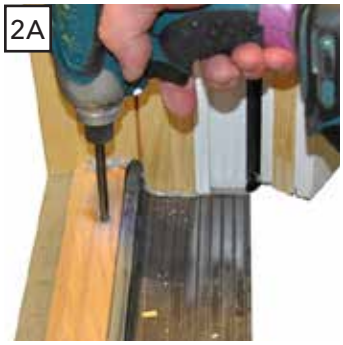
E. Cut the stop staples. Use a side cutter to clip off the stop nails/staples.



2 Threshold Removal:

A. Loosen the threshold screws. Use a Phillips screwdriver to loosen the threshold screws. Save screws to use on replacement threshold.





B. Remove the threshold. Begin on one end by prying up on the threshold with a stiff putty knife or small pry bar.



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2 Threshold Removal (continued):

C. Cut the butyl. Once an end is pried up, work across the length of the threshold, prying up and cutting the butyl along the way.



D. Lift the threshold off the sill.



E. Clean any remaining butyl off the sill.



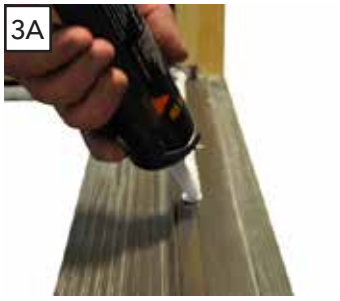
F. Remove the threshold weatherstrip. When the threshold is removed, it is easier to remove the threshold weatherstrip.

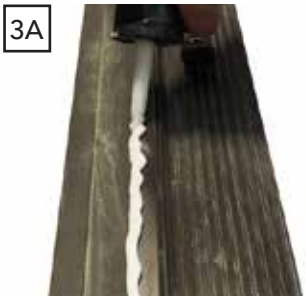


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3 Threshold Installation:

A. Apply sealant to the sill. Apply a 3/8" diameter bead of sealant across the length of the sill at the junction of the sill metal and wood.





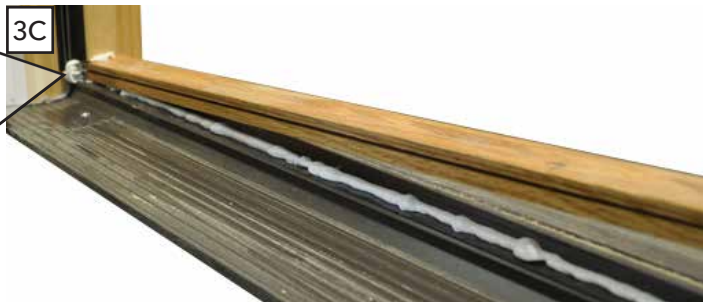


B. Apply sealant to the threshold. Place sealant on top of the threshold end that will be installed under the frame stop that was not removed.



C. Install the threshold. Insert one end under the jamb frame stop and position it against the frame in the same orientation as the removed threshold. Tilt the other end of the threshold down on to the sill. It may be necessary to pull up on the threshold near the center to bow it slightly to allow the other end of the threshold to be positioned against the opposite jamb. Press down on the threshold to seat it into place and ensure proper contact with the sealant.







D. Install the threshold screws. Insert the screws into the pre-drilled holes in the threshold and tighten to secure the threshold in place.





3 Threshold Installation (continued):

E. Clean off sealant squeeze-out. Clean any sealant squeeze-out off the sill.



F. Starting at one end, insert the weatherstrip barb into the threshold. Push it in along the entire length of the threshold.







G. Next, push down on the weatherstrip along the full width of the sill to seat the bottom weaterhstrip barb into the metal sill kerf.



4 Frame Stop Installation:

A. Place a dab of sealant on top of the threshold where the frame stop will be installed.



B. Position the stop on one end of the frame and tilt to stop into place.





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4 Frame Stop Installation (continued):

C. Nail the stop in place along the length of the stop locating nails every 10" to 14" on center.



D. Beginning near the sill end; insert the weatherstrip into the kerf in the same orientation as removed, press it into place along the length of the weatherstrip.





E. Insert one staple into each end of the weatherstrip.



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