Panel Bottom Weatherstrip Replacement
Service Instruction

These instructions apply to:

Encompass 2/2011-Current

Entry Systems 2001-2/2012 – with Pella penny on lower panel hinge stile

Tools Required:

- Hammer
- Rubber Mallet
- Sealant Gun
- Staple gun with 1/2" crown staples
- Large Straight Bladescrewdriver

Supplies Needed:

- Replacement bottom weatherstrip
- High quality non-silicone sealant
- Masking tape



CAUTION!

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

1 Door Panel Removal:

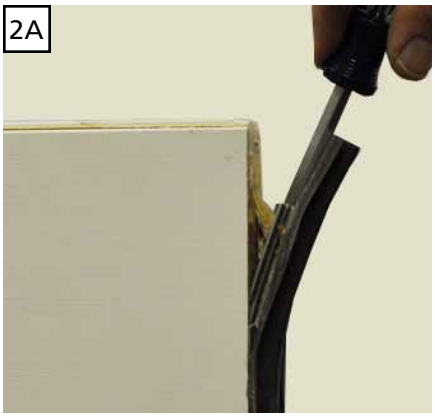
A. Remove the hinge pins from all three hinges and remove the door panel from the door frame.

B. Set the door panel on the lock edge on a flat level surface.



2 Weatherstrip Removal:

A. Remove the bottom weatherstrip by placing a large flat blade screwdriver between the weatherstrip and the panel. Pry to release the staples and adhesive from one end of the bottom of the panel.

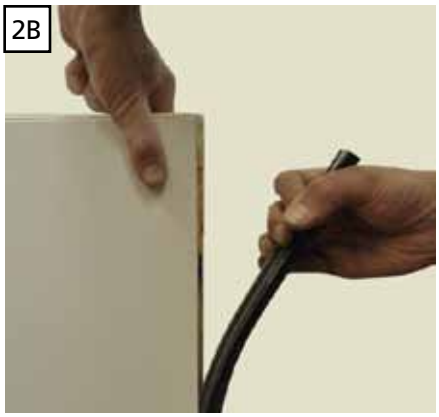


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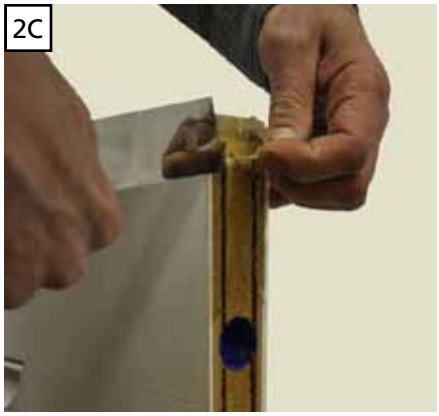
Rev. 03/31/12 **Part Number: 818Y0001**

2 Weatherstrip Removal (continued):

B. When one end of the weatherstrip is released from the panel; grasp and pull the weatherstrip to remove it from the kerfs in the panel bottom.



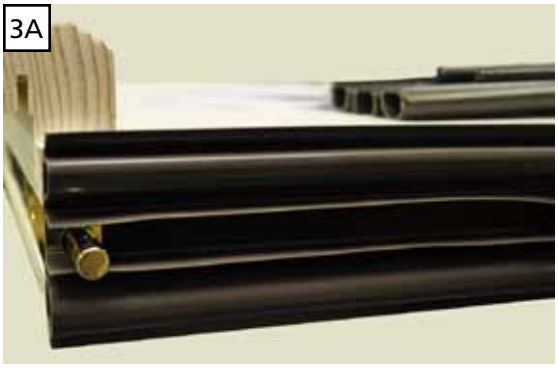
C. Remove the staples and clean off all the original sealant/ adhesive from the bottom of the panel.



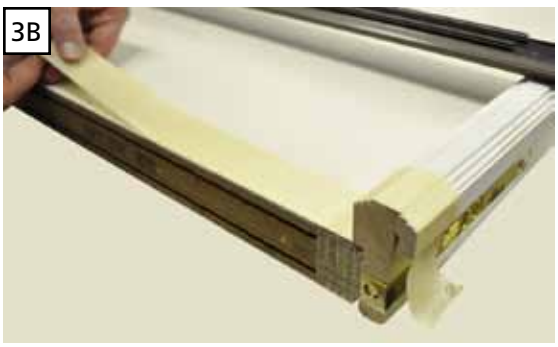
3 Weatherstrip Installation:

Note: If applicable, prior to weatherstrip installation; Finish replacement panel and astragal and then attach astragal to panel and install flush bolts in the astragal.

A. Dry fit the replacement weatherstrip to check for length. It must be within 1/16" on each end of being flush. Trim the weatherstrip to length. On inactive panels, make sure the flush bolt clears the weatherstrip. Trim weatherstrip as needed to ensure flush bolt operates correctly.



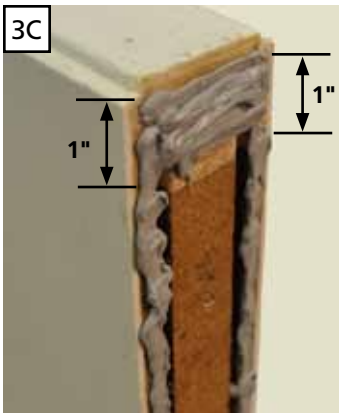
B. Apply masking tape around the bottom of the panel to protect it from sealant squeeze-out.



3 Weatherstrip Installation (continued):

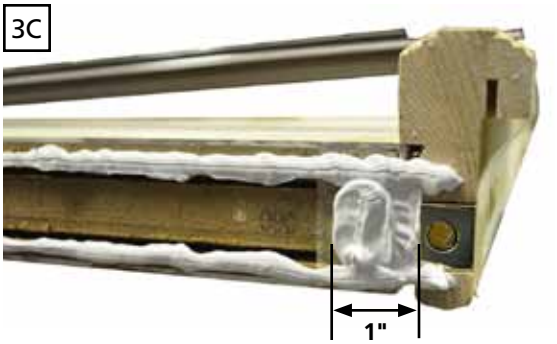
C. Apply a quality sealant bead to the bottom of the panel. Carefully apply a bead of sealant between the kerf and interior and exterior edges of the panel, the full width of the panel. DO NOT get sealant on the interior or exterior surfaces of the panel. Apply sealant to each end of the panel bottom as shown.

If astragal is present, place one (1) sealant bead on each side of the flush bolt.

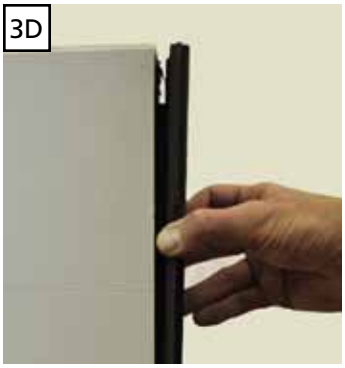


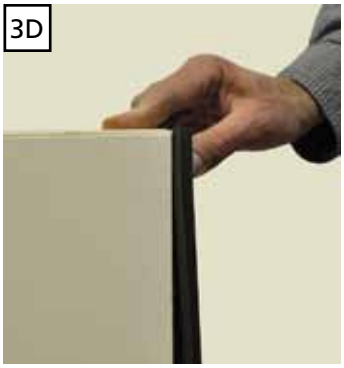
Apply sealant as shown on each end of panel bottom





D. Align the barbs on the weatherstrip with the kerfs and center the weatherstrip on the bottom of the door panel. If astragal is present, align the notched end of the weatherstrip with the flush bolt. Press the weatherstrip into place.





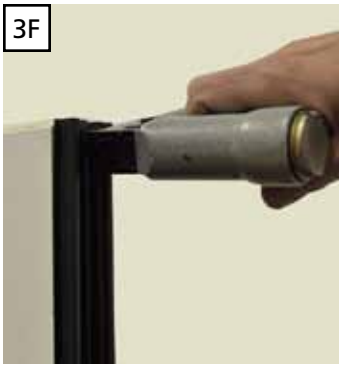


E. A rubber mallet may be used to help completely seat the weatherstrip barbs into the kerfs.



3 Weatherstrip Installation (continued):

F. Install two wide crown staples 1/2" from each end of the weatherstrip to secure it in place.



Note: DO NOT skip this step. Failure to install the stapes will allow the weatherstrip to shrink, resulting in air and water infiltration.

Note: Clean up any sealant squeeze-out immediately and remove the masking tape..

4 Install Door Panel:

A. Align hinge leaves on panel with the hinge leaves on the frame. Install hinge pins.

