Air Infiltration
Service Instruction

These instructions apply to:

Entry Door Model 1: 2000
Entry Door Model 2: 2001-Current

Tools Required:

- Flat head screw driver
- Putty knife

For the door to perform properly, it MUST be installed per installation instructions being plumb, level and square.

Note: We cannot guarantee the seal of lock hardware manufactured and installed by others.

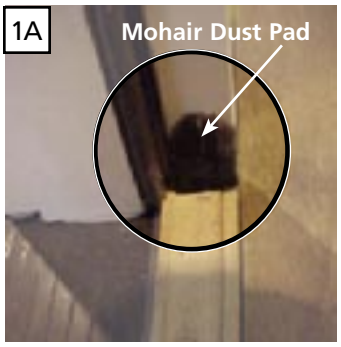
The seal around the perimeter of the door panel consists of weather strip (bulb and leaf for 2000-2003 vintages and vinyl wrapped foam for 2004-Current) on the door frame and one corner pad on each jamb (mohair pad for 2003-3/2007 vintages and foam corner pad for 4/2007-Current).

1 Air Infiltration - Cause Identification and Remedy:

A. Are the mohair dust or foam corner pads installed in the proper position? If they are missing or misplaced, install new pads in the proper places. Model 1 doors require replacement mohair pads. Replace all model 2 pads with the foam corner pads. See Supporting Document--*Replacing A Threshold*--in web browser.



Model 1 (2000)

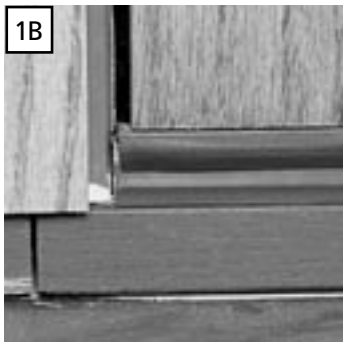


Model 2 (2001-3/2007)



Model 2 (4/2007-Current)

B. Does the panel bottom weather strip contact the mohair dust or foam corner pads? If not, replace the bottom weather strip. See Supporting Document--*Replacing Bottom Weather Strip*--in web browser.



Model 1 (2000)



Model 2 (2001-3/2007)



Model 2 (4/2007-Current)

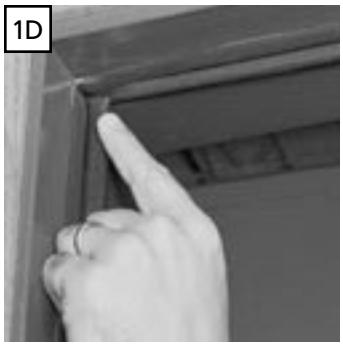
C. Does the bottom weather strip contact the threshold? If not:

- Is the frame out-of-square? See Supporting Document--*Adjusting for an Out-of-Square Frame*--in web browser.
- Is the panel out-of-square? See Supporting Document--*Replacing Door Panels*--in web browser.
- Adjust the threshold. See Supporting Document--*Replacing A Threshold*--in web browser.

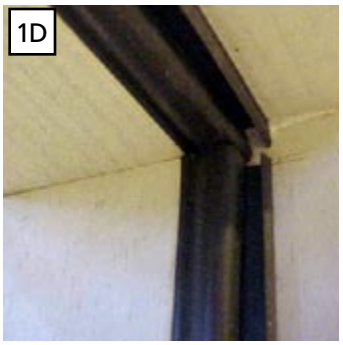
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1 Air Infiltration - Cause Identification and Remedy (continued):

D. Are the joints between the weather strips at the head and jambs closed? If not:



Model 1 (2000)



Model 2 (2001-2003)

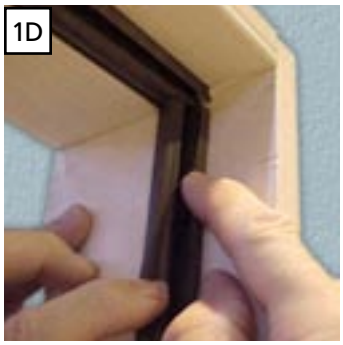


Model 2 (2004-Current)

- **Model 1 (2000) and Model 2 (2001-2003):** Place foam backing behind the leaf weather strips at the miters.



Model 1 (2000)



Model 2 (2001-2003)

- **Model 1 (2000) and Model 2 (2001-2003) vintages:** Move the jamb weather strip up the jamb until it is tight with the head weather strip. To do this remove the staples, gently pull weather strip from kerf in frame. Reinstall weather strip higher up the jamb. Install new staples.

  Model 2 (2004-Current): Remove jamb weather strip and reinstall it higher up the jamb. See step 1E and 1F for removal/replacement procedure.



Model 1 (2000)



Model 2 (2001-2003)

Is the frame weather strip damaged? If so:

E. Replace the frame weather strip.
2000-2003: Remove as described in 1D.
2004-Current: To remove: Place a putty knife between the frame and the weather strip; pry the weather strip out of the frame weather strip kerf. Grasp the weather strip and pull it completely out of the kerf.



Model 2 (2004-Current)

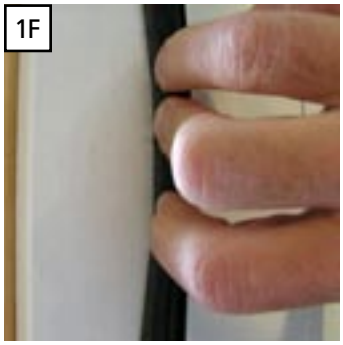


Model 2 (2004-Current)

1 Air Infiltration - Cause Identification and Remedy (continued):

F. **2000-Current:** Install long reach weather strip in the head, lock jamb and astragal. The hinge jamb requires standard weather strip. If needed, cut the replacement weather strip to the correct length. The head weather strip extends the full width of the frame, jamb to jamb. The jamb weather strip goes up against the head weather strip and down to the sill. To install the weather strip start at one end, place the barbs of the weather strip into the kerf on the frame. Press the weather strip into place to fully seat it in the Kerf.





G. Is the door panel bowed? See Supporting Document--Adjusting a Bowed Door Panel--in web browser.