

Technical Data Sheet

Harvest Prod 8401, Harvest MOD 8402 & Harvest MOD A 8402 Damper Replacement *Kit Number 94-58430*

Date: 10/29/2012

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KIT CONTENTS:

Harvest Damper
3/8" x 1-1/2" Bolt
3/8" x 2-1/2" Fully Threaded Stud
3/8" Coupling Sleeve
3/8" Nuts (2)

TOOLS REQUIRED:

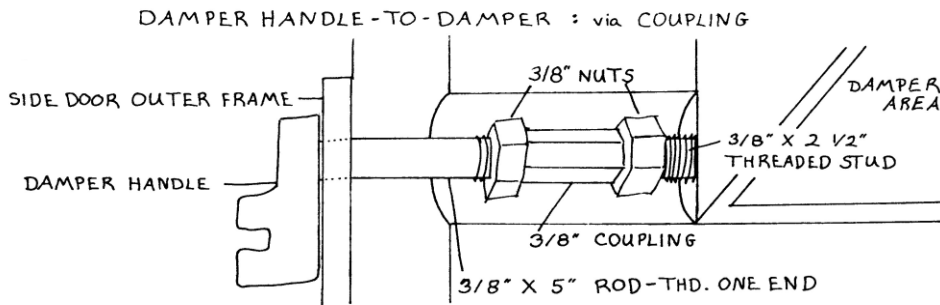
9/16" Wrench
1/2" Wrench

BEFORE YOU BEGIN:

Work on a cold stove.

PROCEDURE:

1. To remove the damper handle, locate the two 3/8" nuts and coupling sleeve inside the stove that attach the damper handle to the damper stud. Using a 9/16" wrench, turn the 3/8" nut closest to the damper handle back, counter-clockwise to loosen it. Turn the damper handle in the side doorframe counter-clockwise until it is separated from the coupling. Remove the 3/8" nut from the freed damper handle and pull the damper handle out of the stove. Retain these pieces for reassembly.



2. Using the 9/16" wrench, turn the second 3/8" nut counter-clockwise against the coupling sleeve. This should cause the threaded stud to turn out of the damper. **NOTE:** If the threaded stud does not move, tighten the coupling sleeve against the nut with a 1/2" wrench. Retain pieces for reassembly.
3. Remove the 3/8-16 x 2" bolt on the right side of the damper with the 9/16" wrench. This will separate the damper from the back panel.
4. Allow the damper plate to fall slightly down into the chamber. The damper plate can be pulled through the damper opening if one edge is brought up on a kitty-corner angle.
5. Because the eccentric bushings remain in their original positions, the new damper will fit uniformly, exactly as the original did.
6. Position the new damper just as the defective one was removed. Angle the damper into the chamber back until the damper is fully into the chamber. Now position it so that the threaded holes are lined up with the holes in the back panel.
7. Turn the 3/8" bolt back into position on the right side of the damper. Snug with the 9/16" wrench.
8. Reposition the damper stud, 3/8" nut, and coupling sleeve so that the damper stud is threaded back into damper. Make sure the stud turns into the damper until it bottoms out. Snug this assembly by turning the coupling sleeve with the 1/2" wrench. Put the damper handle and rod through the doorframe. Place the 3/8" nut back onto the threaded end of the rod. Turn the handle clockwise until it is secure. The assembly can now be locked into position by turning the 3/8" nut (closest to the damper handle) against the coupling.