

# HearthStone I Spin Draft Retrofit Kit

## Replacement Instructions

*Assembly Number 91-57110*

**Date:** 9/19/2012

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**RE:** Assembly #91-57110

**Assembly Contents:**

Spin Draft Knob  
Air Deflector Shield  
3/8" x 16 Fully Threaded Stud  
(3) 3/8" Nuts

**Tools Required:**

Prick Punch  
Hammer  
Power Drill  
Drill Bits: 1/8", 5/16" & 5/8"  
Tap: 3/8"-16  
Tapping Fluid or Oil

**Procedure:**

1. Cut out the template (see page 2) along the dotted lines and tape it to the outside of the side door. The "V" of the template should fit into the "V" at the base of the door. (For stoves manufactured before 1982, locate the point of the "V" at the bottom center of the door).
2. Using a prick punch and hammer, mark the center of each hole. Using a small (approximately 1/8") drill bit, drill a pilot hole through each of the punch marks.
3. Drill the center hole with the 5/8" bit and thread it with the 3/8"-16 tap. Be careful not to force the tap. If you encounter resistance, back off and apply tapping fluid or oil. Drill the four outer holes with the 5/8" drill bit.
4. You are now ready to assemble the spin draft onto the prepared door. Turn the 3/8" threaded stud into the center hole, leaving approximately 3/4" inch of the stud exposed outside the door. Turn on the spin draft knob onto the stud, making sure it can turn flush against the door. On the inside of the door, turn one of the nuts onto the stud and turn it until it is flush to the inside of the door. Turn a second nut tightly against the nut that was previously installed (see illustration page 2). These nuts will jam against each other to lock the entire assembly together. Place the air metal air deflector shield onto the stud and secure it with the last nut. Make sure the open end of the shield is pointing down (see illustration page 2).

**Operation:**

Open the spin draft as an additional source of combustion air when starting a fire or to invigorate a sluggish fire. The amount of air allowed in via the spin draft can be graduated by turning the knob: counterclockwise to allow more air increasing the burn, clockwise to decrease the air going into the stove. The spin draft should be closed after the fire has been invigorated or whenever the stove is left unattended.



