

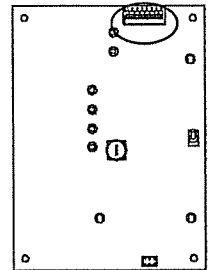
# HARMAN™ TECHNICAL BULLETIN

## PC45 Optimized as a Pellet Stove (Use with kit # 1-00-06801)

Now, the best corn burning stove on the market can be a remarkable pellet burning stove in just 3 easy steps. (Without using the original pellet grate option):

1. Disconnect power cord. Access the circuit board dipswitches by cutting through the control label just above and to the right of the power light. The first four switches can be seen through the new opening. To access the last four switches, you'll need to bend the metal tab outward away from the control. Currently, all eight switches should be in the down or "OFF" position. Using the tip of a pen, change the dipswitch settings to: #'s 1,2,7,&8 "ON", while #'s 3,4,5,&6 remain "OFF". **NOTE: If the ESP Probe wire is red, switch #5 must also be "ON".** (Switches 1 thru 3 control the amount of fuel for ignition only. If you need more fuel for ignition, add #3 "ON" to above. If you need less fuel for ignition, turn #2 "OFF" from above settings.)

Dipswitches are located on the front side of the circuit board.



### 2. Burn Pot Options:

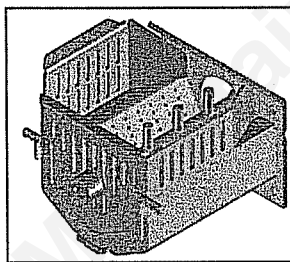
Both options shown use the larger holed corn burn pot which is installed in the stove from the factory.

#### OPTION A:

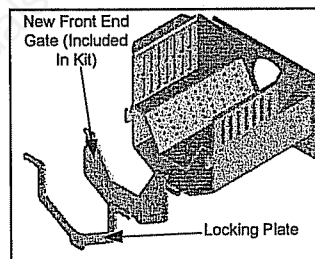
Change to the new front end gate by removing the locking plate and the corn end gate. Remove the stirring rod by simply pulling outward from the auger. Install the new front end gate and secure with the locking plate as shown below. This option normally has a wider flame pattern, but will need to have the ashes pulled off the front of the pot every couple of days.

#### OPTION B:

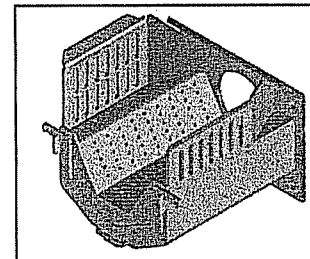
Leave the burn pot as is, with the stirring rod in place. This configuration will have a narrower flame pattern, but very little burn pot maintenance required.



Corn Burn Pot As Shipped On Stove



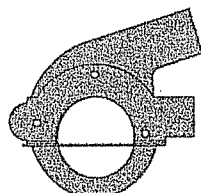
New Front End Gate (Included In Kit) & Existing Locking Plate



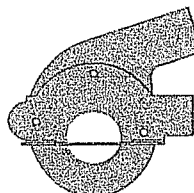
New Front End Gate & Existing Locking Plate In Place

3. Install a new combustion blower inlet ring (behind the ash pan). Remove the ash pan. Open the inlet ring latch by lifting upward. Remove the inlet ring by pulling the right side toward you while shifting from left to right. Insert the new combustion blower ring by sliding the tab on the left side of the plate into the channel on the stove back. Close the plate and swing the latch down to secure it. Replace the ash pan. The larger hole in this new ring will allow the PC45 to produce more heat while burning pellets. (Adverse effect with corn)

New Inlet Ring- Included in kit. (Larger Hole Size)



Original Inlet Ring- (Smaller Hole Size)



This conversion gives you a fully automatic pellet stove with 50,000 BTU capacity, faster ignition, and clean viewing glass. Just as easy, reverse the process, and you are back to having the absolute best corn burning stove.