

Hearth & Home Technologies

Microprocessor Control Board
Dipswitch settings
For 120VAC 60 Hz

UPDATED ----- 04-23-2009

File: [hormanfe1\data\autocad_drawings\XXV_PELLET\Dipswitch settings.dwg]

CONTROL BOARD PART

- 3-20-05886B
- 3-20-05887A
- 3-20-05888B
- 3-20-05889A
- 3-20-05890B
- 3-20-06143C

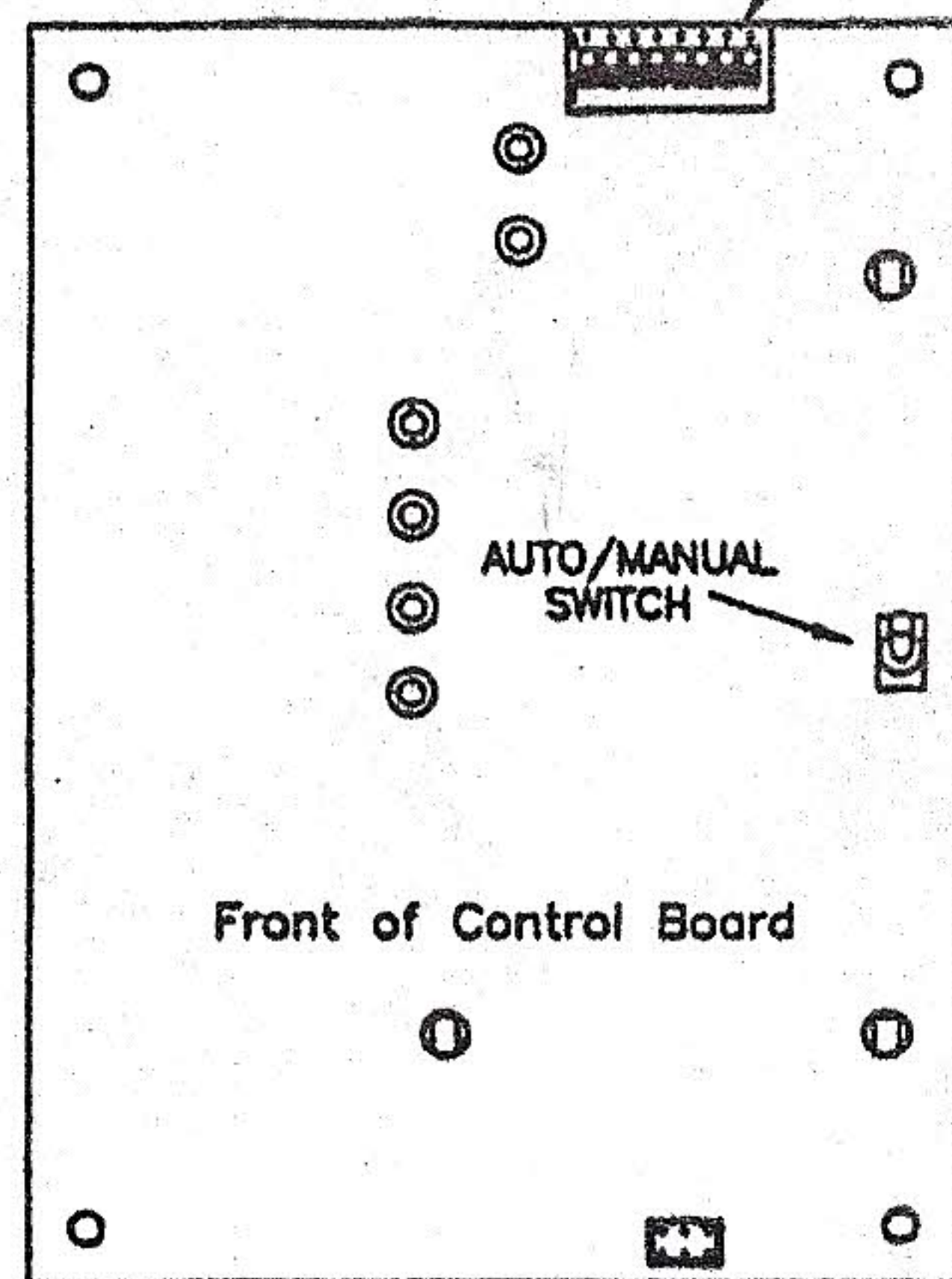
WHERE USED

- Freestanding Pellet Stoves
- PC 45 corn/pellet stove
- PF 100 , BA 100 hot air furnace
- DVC direct vent coal stoker
- P61 manual freestanding pellet stove
- PB 105, BH 105, HF 60, BH60 boilers

REVISION RELEASE DATE

- May 2008
- June 2008
- April 2009
- May 2008
- May 2008
- Feb. 2009

Dipswitch Location



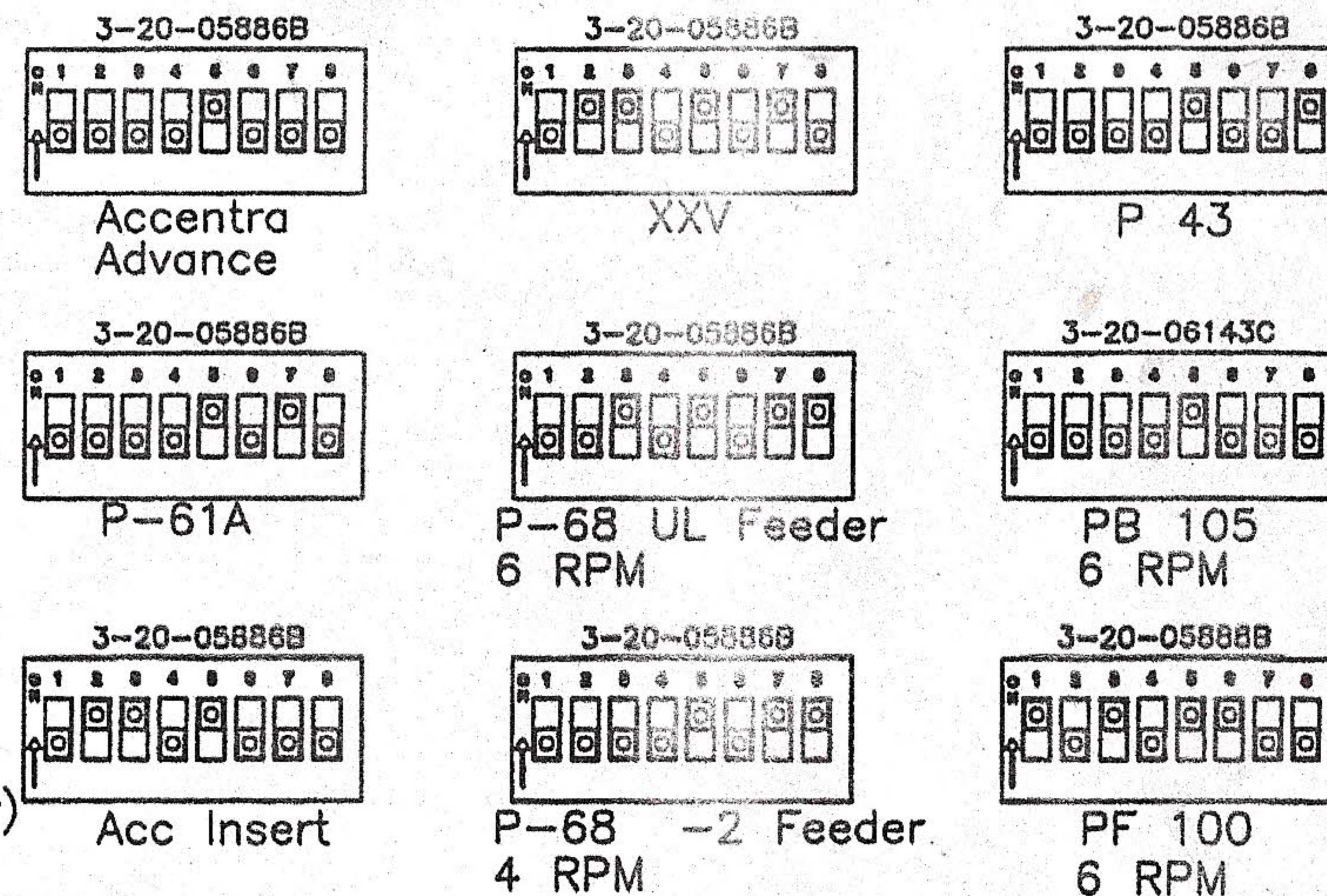
Front of Control Board

DDM PORT
(Diagnostic Display Monitor)

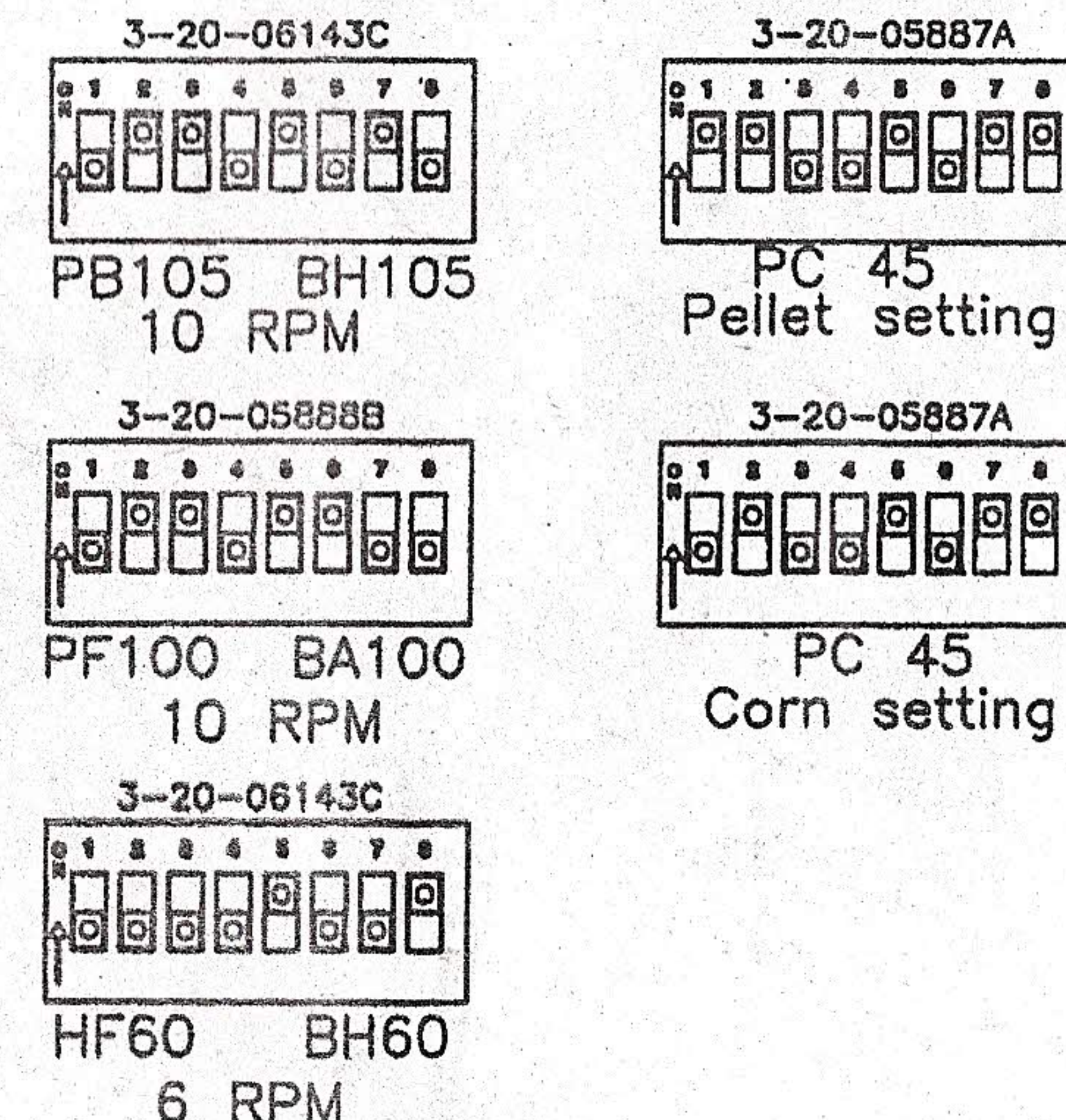
Dipswitch 1,2,3

- off,off,off = program default
- off,off,on = program -21 sec.
- off,on,off = program -43 sec.
- off,on,on = program -64 sec.
- on,off,off = program +21 sec.
- on,off,on = program +43 sec.
- on,on,off = program +64 sec.
- on,on,on = program +85 sec.

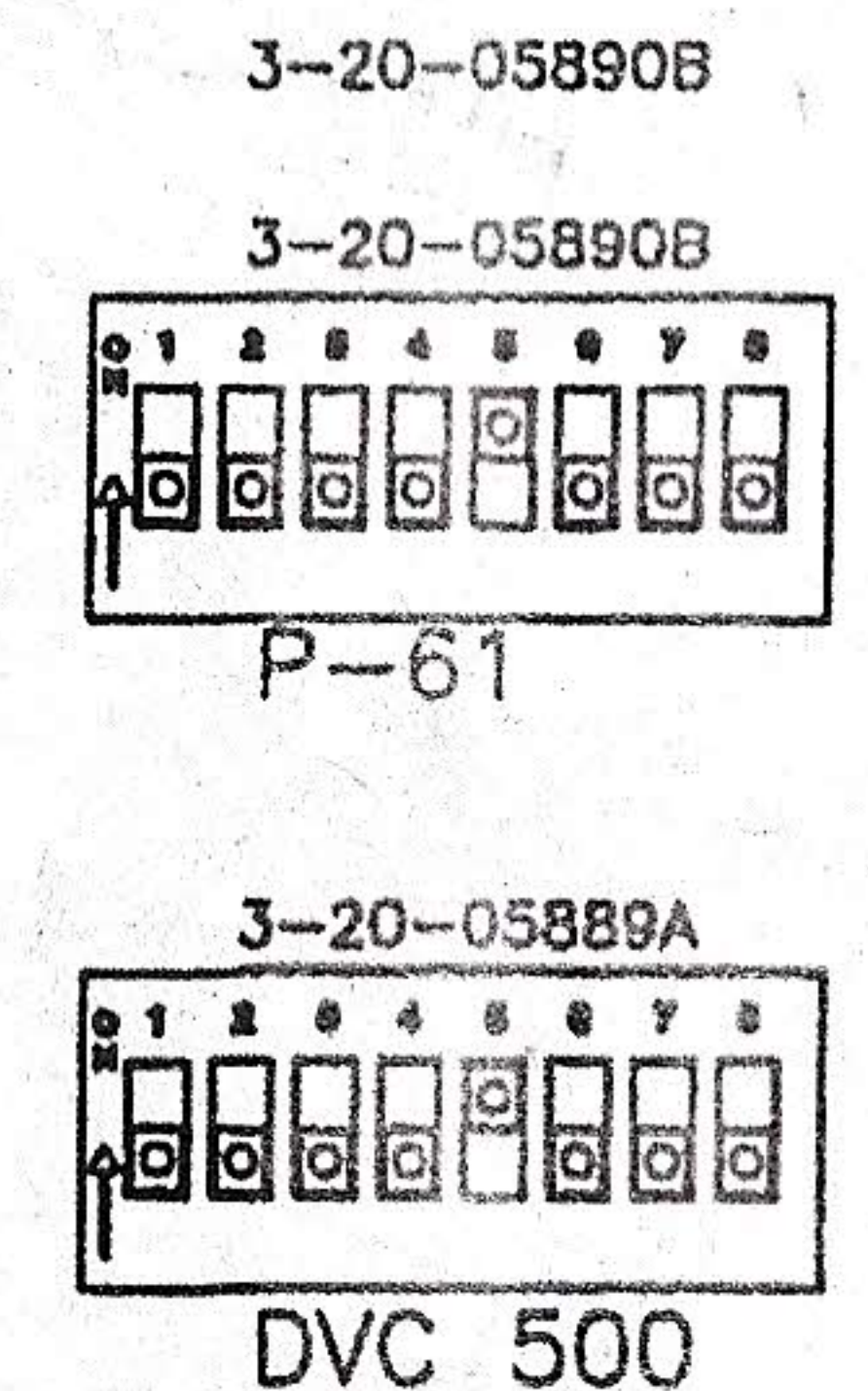
Finned Cartridge Ignition



Pressure Ignition



Manual Ignition



NOTE: A connected DDM (Diagnostic Display Monitor) on power up will show an OFF as 0, and an ON as 1.

Dipswitch # 1,2,3 control the ignition cycle "charge" (quantity of pellets augered into the burn pot on startup).

Dipswitch # 4 is not active (should always be OFF).

Dipswitch # 5 is for ESP type. This switch will need to be OFF with any ESP other than RED.

Dipswitch # 6 is for Room Sensor Differential. ON reduces the Diff. by 1 deg. F.

Dipswitch # 7,8 set the MAX ESP temperature for specific models. (Set as shown above.)

(NOTE: Be sure that all of these switch settings are set for the unit in which they are being installed)