



DC Voltage Side

- 1 HAL-IC Combustion Motor Regulator (silver bullet looking item mounted just above the air intake tube. There is another lead on this component that is also attached to the combustion fan).
- 2 User Control Digital Interface
- 3 Optional Rika Proprietary Remote Thermostat (leave open if no thermostat present)
- 4 Air Sensor
- 5 Low Limit Sensor (error flashing *immediately following* startup cycle may indicate a disconnected lead or a failure of this component. Other possible triggers are a first-time-fill of the hopper, open hopper lid or recent empty hopper – restart stove to see if error recurs).
- 6 High Limit Sensor (error flashing *during* startup cycle may indicate a disconnected lead or a failure of this component)
- 7 open
- 8 open
- 9 Optional low voltage thermostat connection (present on boards with Revision-1, not present on boards with Revision-0)

AC Voltage Side

- I 110VAC 60Hz
- II Combustion Fan
- III Convection Fan
- IV Ignition Element
- V Auger Motor
- VI Open
- VII Reserved

NOTE: A common error made when swapping out a control board is to cross the auger motor and igniter leads.

A symptom of this is the auger motor turning continually with no pause for the 12-minute duration of the ignition element time, resulting in a very full burn pot. The igniter will pulse on and off during the same period and the burn pot will rapidly fill up with pellets.