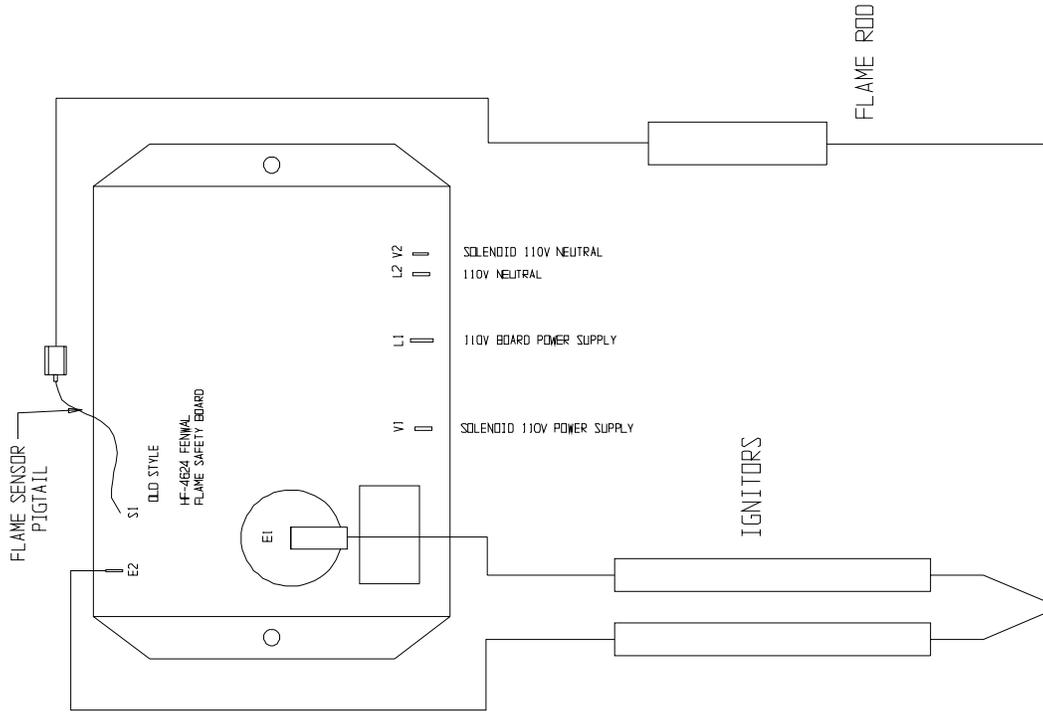


# NEW FENWAL BOARD HF-4624 REPLACEMENT

The B. GND terminal is used to complete the flame current signal circuit. This terminal is new for systems that used the older version of the Fenwal board. This terminal must be connected to the one of the ignitors.

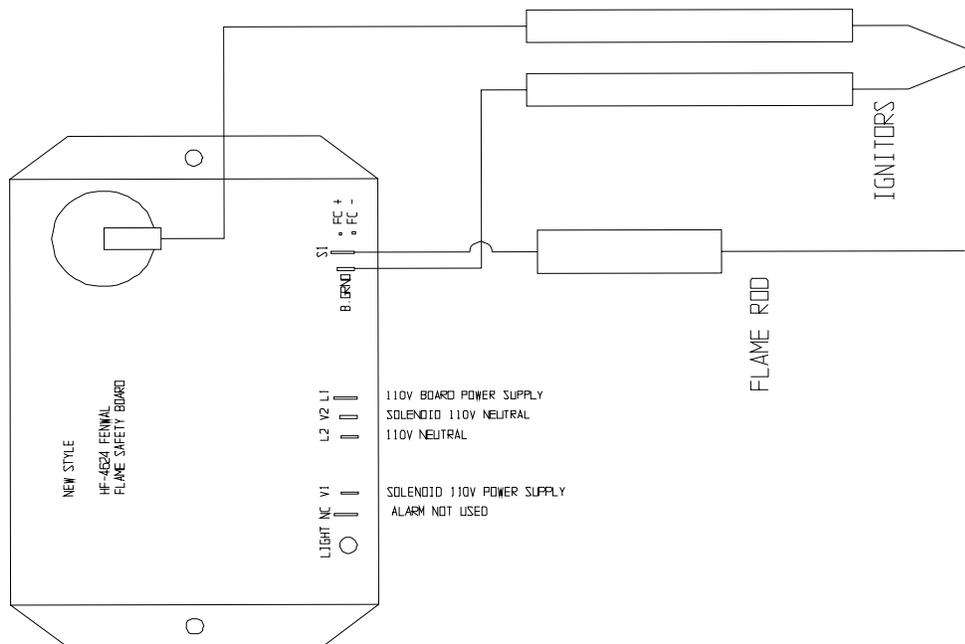
**DO NOT CONNECT THE B.GND TERMINAL TO BURNER CHASSIS. THIS WILL RESULT IN PREMATURE BOARD FAILURE.**

The new board has been designed such that reversing the polarity of the 120 VAC line does not cause a loss of flame signal. Thus providing a more reliable flame signal along with a reduction of nuisance lockouts, due to its design and the use of the B. GND terminal.



Old version with Remote Flame Sense.

**Note: Terminal E2 has been replaced by terminal B.GND. on the New style board.**



New version with Remote Sense using existing spark and remote sense electrodes.