

V2000 CONVERSION KIT INSTALLATION INSTRUCTIONS

NOTE: This procedure is intended for someone who is a trained electronics technician.

1. Remove all power from the V1000/V1100 board.
2. Remove the V1000/V1100 board from the enclosure.
3. Remove the old sensor wire from the V1000/V1100 board and discard the old sensor assembly.
4. Feed the new sensor wire through the same grommet on the side of the enclosure. Attach the sensor wires to the conversion board. The conversion board has pre-attached wires that will mount to the V1000/V1100 board. See Figure 2 for wiring. NOTE: Keep the plastic cap on new sensor assembly. Sensor assembly is oil filled. Loss of the oil will shorten the life of the sensor.
5. Mount the conversion board inside the V1000/V1100 enclosure using the included screw. See Figure 1.
6. Connect the 4 pre-attached wires on the conversion board to the V1000/V1100 board connector, located on the bottom of the board. See Figure 2.
NOTE: Failure to wire correctly could damage the sensor.
7. Mount the sensor enclosure and make sure the barb fitting is facing upward. Remove the plastic cap from the barb fitting.
8. Remount the V1000/V1100 board in the enclosure.
9. Apply power to the V1000/V1100 board. **Caution: Live voltage is now present on this board!**
10. Turn both Zero Adjustment Pots (on V1000/V1100 board) all the way to the right when looking at them from the LED display side of the board. See Figure 2.
11. Apply 15 inches of Hg vacuum to the sensor barb fitting using a vacuum pump. The polarity LED should be off.
12. Adjust the "Display Adjustment Pot" until the LED digital display reads 15.0
13. Connect a digital voltmeter (DVM), set to DC volts to the following:
 - Connect the positive lead of the DVM to the Analog Output terminal of the V1000/V1100 board. See Figure 2.
 - Connect the Ground lead of DVM to the terminal below the Analog Output terminal.
 - Turn the "Alarm Adjustment Pot" on the V1000/V1100 board until the DVM reads about 1.5 volts.
14. Remove the DVM from the board. Calibration is complete.

**MOUNTING LOCATION FOR
CONVERSION BOARD**

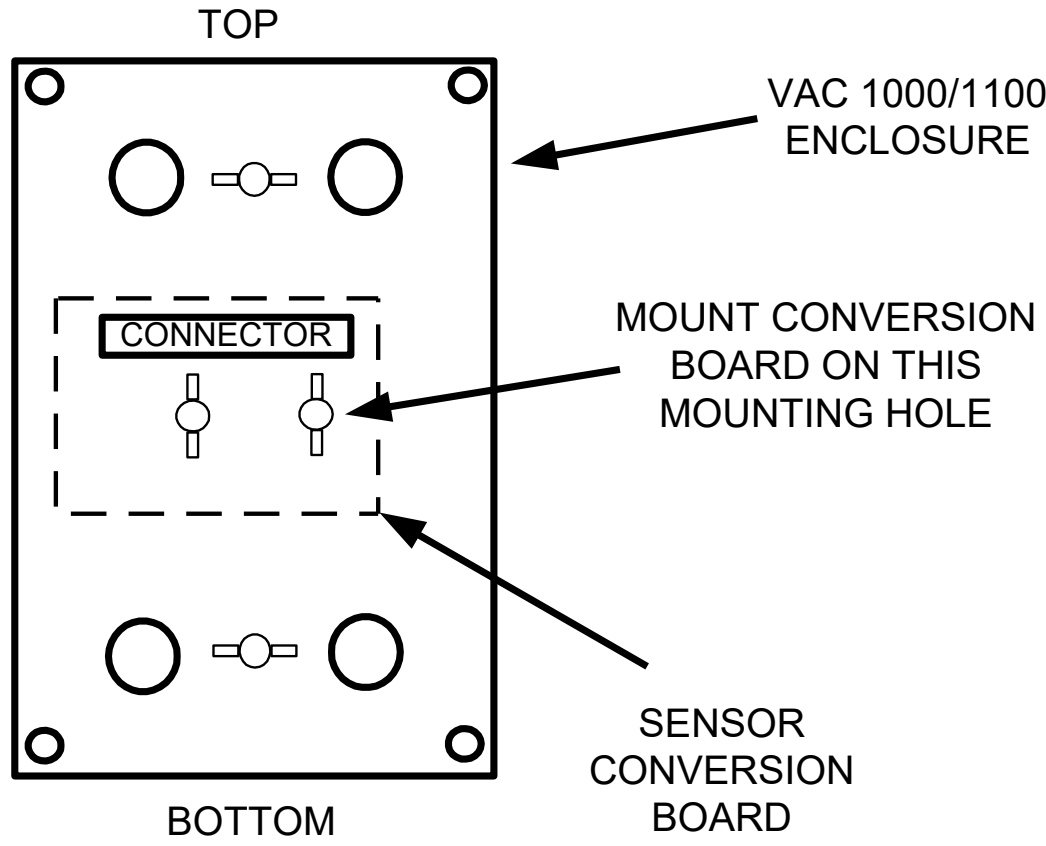
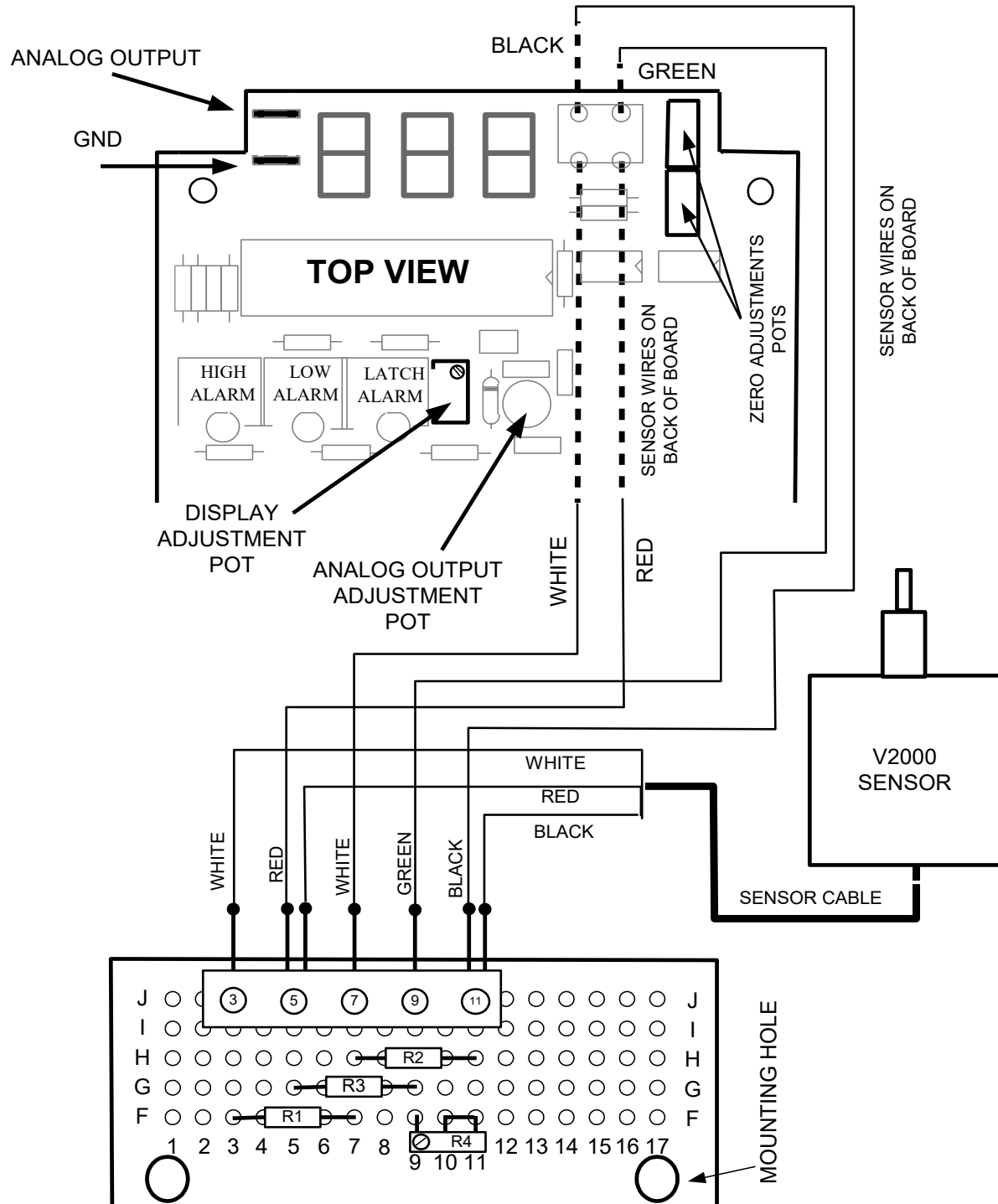


FIGURE 1

V2000 to V1000/V1100

SENSOR CONVERSION BOARD WIRING DIAGRAM



MOUNT BOARD IN THE V1000/V1100 ENCLOSURE.

FIGURE 2