



**SCHEMATIC OF THE  
HEATHKIT®  
MODEL GR-1290  
GROUNDTRACK® VLF  
METAL LOCATOR**

- NOTES:
1. ALL RESISTORS ARE 1/4-WATT, 5% UNLESS MARKED OTHERWISE. RESISTOR VALUES ARE IN OHMS (K=1000; M=1,000,000).
  2. ALL CAPACITORS ARE IN  $\mu$ F (MICROFARADS) UNLESS MARKED OTHERWISE.
  3.  $\nabla$  THIS SYMBOL INDICATES CIRCUIT BOARD GROUND.
  4.  $\equiv$  THIS SYMBOL INDICATES CHASSIS GROUND.
  5. VOLTAGES WERE TAKEN WITH A 9-VOLT SUPPLY AND A SETTING WITH NO SOUND COMING FROM THE SPEAKER. THE CONTROLS WERE SET AS FOLLOWS:  
VOLUME..... FULLY COUNTERCLOCKWISE  
PUSHBUTTON TUNING..... CENTER OF ROTATION  
DISCRIMINATE..... CENTER OF ROTATION  
AUDIO TONE ION PCB7..... CENTER OF ROTATION  
PRODUCED BY REGULAR BATTERIES.
  6.  $\circ$  THIS SYMBOL INDICATES VOLTAGES PRODUCED BY NICKEL-CADMIUM BATTERIES.
  7.  $\ominus$  THIS SYMBOL INDICATES VOLTAGES PRODUCED BY NICKEL-CADMIUM BATTERIES.

