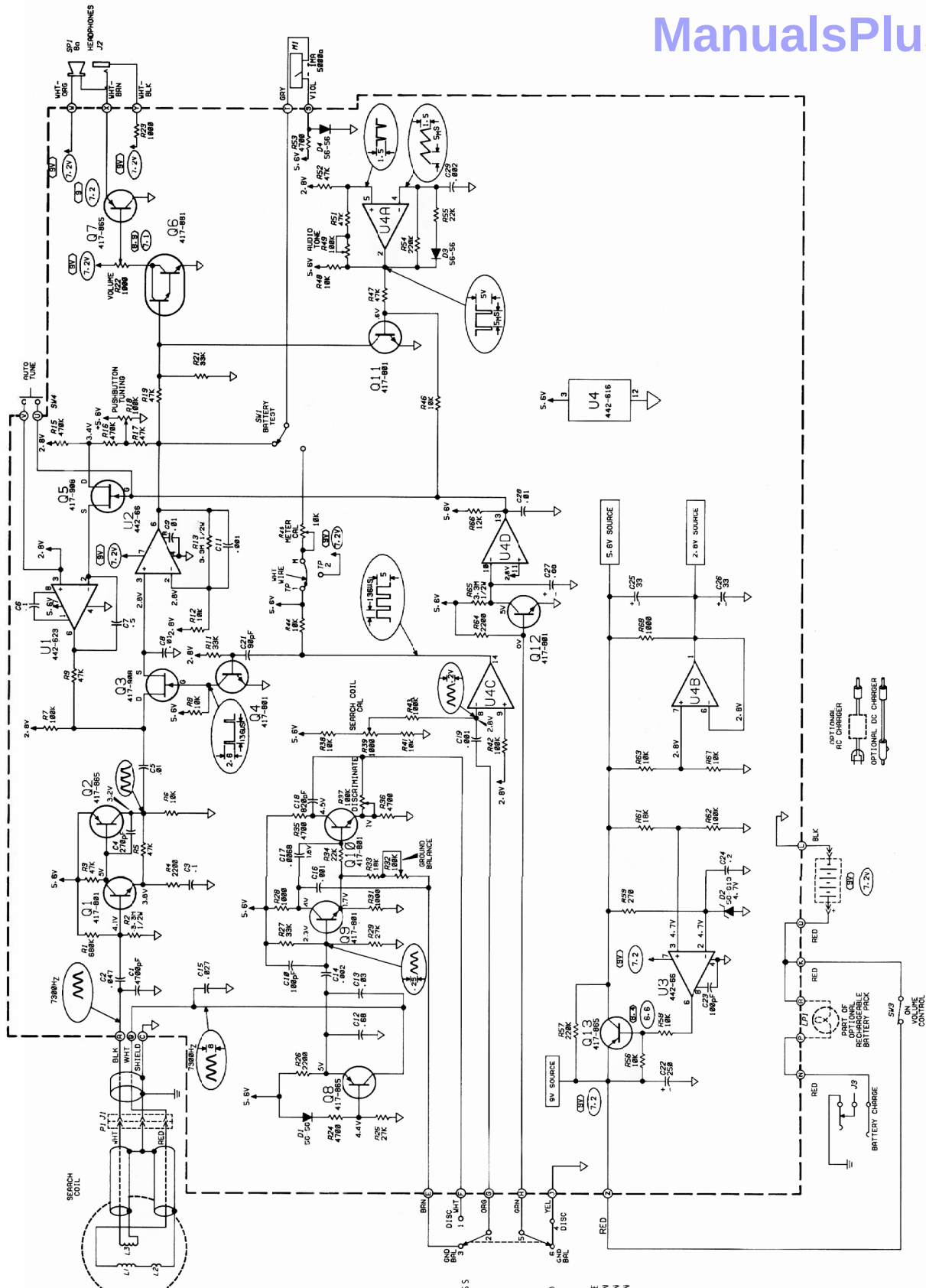




SCHEMATIC OF THE HEATHKIT® MODEL GR-1290 GROUNDTRACK® VLF METAL LOCATOR

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 μ F (MICROFARADS) UNLESS MARKED OTHERWISE.
3. THIS SYMBOL INDICATES CIRCUIT BOARD GROUND.
4. 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 PCB..... CENTER OF ROTATION
6. THIS SYMBOL INDICATES VOLTAGES PRODUCED BY REGULAR BATTERIES.
7. THIS SYMBOL INDICATES VOLTAGES PRODUCED BY NICKEL - CADMIUM BATTERIES.