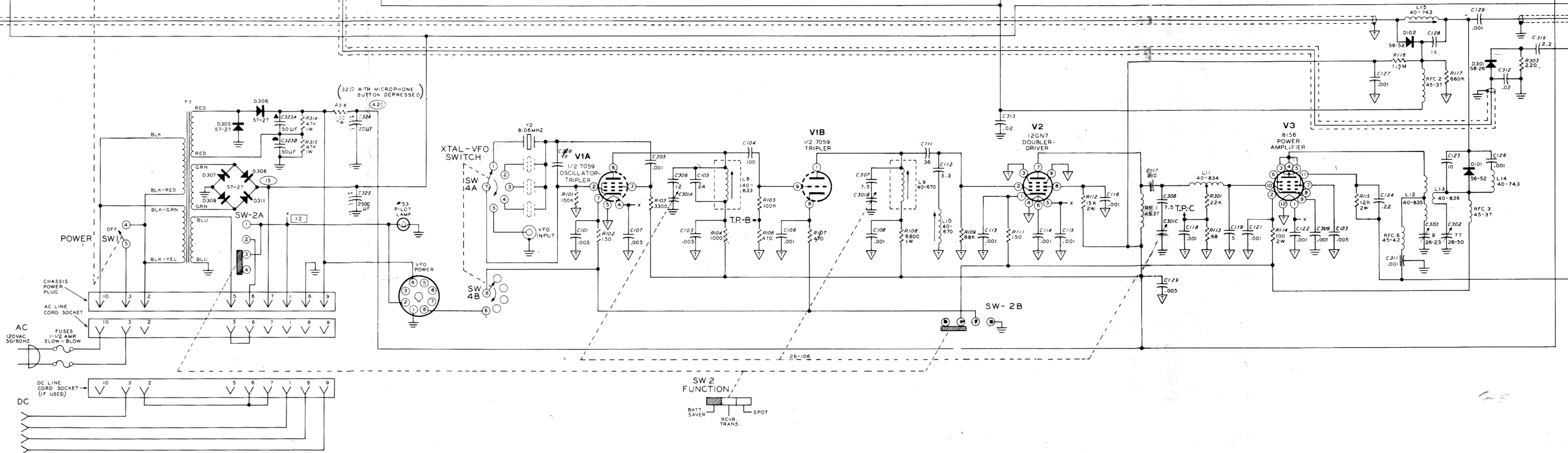
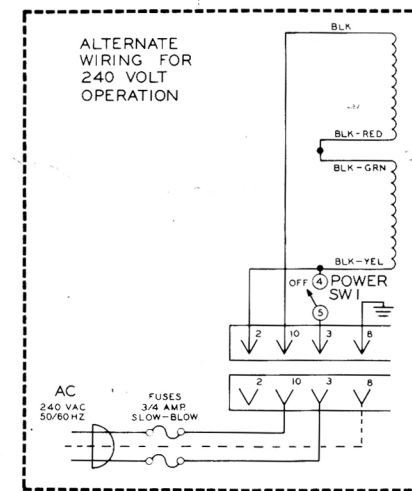


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SCHEMATIC OF THE HEATHKIT® TWO METER AM TRANSCEIVER MODEL HW-17

1. RESISTOR, CAPACITOR, AND DIODE NUMBERS ARE IN THE FOLLOWING GROUPS:
0-99 PARTS MOUNTED IN THE TUNER
100-199 PARTS MOUNTED ON THE TRANSMITTER CIRCUIT BOARD
200-299 PARTS MOUNTED ON THE RECEIVER CIRCUIT BOARD
300-399 PARTS MOUNTED ELSEWHERE
2. ALL RESISTORS ARE 1/2 WATT UNLESS MARKED OTHERWISE. RESISTOR VALUES ARE IN OHMS (K=1,000; M=1,000,000).
3. CAPACITOR VALUES LESS THAN 1 ARE IN μ F. VALUES OF 1 AND ABOVE ARE μ F UNLESS THEY ARE MARKED OTHERWISE.
4. ARROW (↻) INDICATES CLOCKWISE ROTATION OF SWITCH SHAFT (VIEWED FROM KNOB END).
5. SWITCHES ARE SHOWN IN THE FOLLOWING POSITIONS:
POWER SWITCH IN OFF.
FUNCTION SWITCH IN BATT. SAVER.
ANT. SWITCH IN "ON".
MICROPHONE PTT SWITCH IN "RECEIVE".
6. ○ THIS SYMBOL INDICATES A POSITIVE DC VOLTAGE MEASUREMENT, UNLESS MARKED OTHERWISE. TAKEN FROM THE POINT INDICATED TO CHASSIS GROUND WITH AN 11 MEGOHM INPUT VPM. VOLTAGES MAY VARY $\pm 20\%$. □ THIS SYMBOL INDICATES AN AC VOLTAGE TAKEN FROM THE POINT INDICATED TO CHASSIS GROUND.
7. REFER TO CHASSIS PHOTOGRAPHS AND X-RAY VIEWS FOR THE PHYSICAL LOCATIONS OF PARTS.
8. POWER TRANSFORMER PRIMARY WIRING CONNECTIONS FOR 240 VAC ARE SHOWN IN THE BOX.
9. ▽ THIS SYMBOL INDICATES A COMMON CONNECTION INSIDE THE PREASSEMBLED TUNER.
▽ THIS SYMBOL INDICATES A CONNECTION TO THE RECEIVER CIRCUIT BOARD GROUND FOIL.
▽ THIS SYMBOL INDICATES A CONNECTION TO THE TRANSMITTER CIRCUIT BOARD GROUND FOIL.
≡ THIS SYMBOL INDICATES A CONNECTION TO THE CHASSIS.