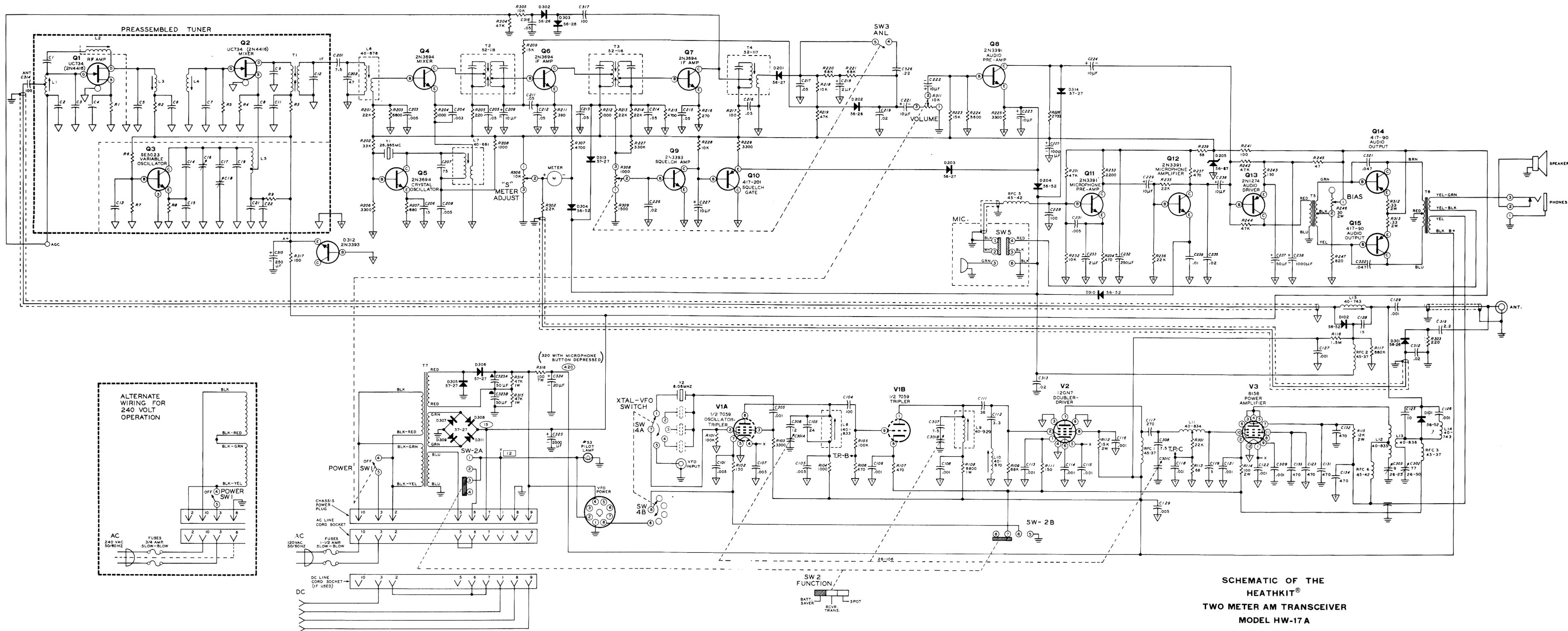




- RESISTOR, CAPACITOR, AND DIODE NUMBERS ARE IN THE FOLLOWING GROUPS:
 0-99 PARTS MOUNTED IN THE TUNER
 100-199 PARTS MOUNTED ON THE TRANSMITTER CIRCUIT BOARD
 200-299 PARTS MOUNTED ON THE RECEIVER CIRCUIT BOARD
 300-399 PARTS MOUNTED ELSEWHERE
- ALL RESISTORS ARE 1/2 WATT UNLESS MARKED OTHERWISE. RESISTOR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

HEATH PART NO.	MANUFACTURER AND TYPE NO.	BASING
417-91	G. E. 2N3391	BASE COLLECTOR EMITTER
417-118	G. E. 2N3393	BASE COLLECTOR EMITTER
417-201	G. E. X29A829	BASE COLLECTOR EMITTER
417-152	T. I. 2N1274	EMITTER BASE COLLECTOR
417-171	FAIRCHILD 2N3694	EMITTER BASE COLLECTOR
417-90	RCA 40050	EMITTER COLLECTOR BASE

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