

SCHEMATIC OF THE  
HEATHKIT®  
PAPER TAPE READER/PUNCH  
MODEL H10

Part of 595-2020

NOTES:

1. COMPONENT NUMBERS ARE IN THE FOLLOWING GROUPS:  
1-99 PARTS MOUNTED ON THE CHASSIS AND MAIN CIRCUIT BOARD,  
100-199 PARTS MOUNTED ON THE READER CIRCUIT BOARD.
2. ALL RESISTORS ARE 1/2 WATT UNLESS MARKED OTHERWISE.  
RESISTOR VALUES ARE IN OHMS (K=1,000; M=1,000,000).
3. ALL CAPACITORS ARE IN  $\mu$ F UNLESS MARKED OTHERWISE.
4.  $\nabla$  THIS SYMBOL INDICATES CIRCUIT BOARD GROUND.
5.  $\equiv$  THIS SYMBOL INDICATES CHASSIS GROUND.
6.  $\square$  THIS SYMBOL INDICATES WHERE A WIRE IS SOLDERED  
TO A CIRCUIT BOARD.
7.  $\rightarrow$  THIS SYMBOL INDICATES A CONNECTOR INSIDE CHASSIS  
PLUG P3.
8.  $\bigcirc$  THIS SYMBOL INDICATES A PART THAT APPEARS TO BE  
ON A CIRCUIT BOARD BUT IS ACTUALLY MOUNTED ON  
THE CHASSIS.
9.  $\bigcirc$  THIS SYMBOL INDICATES A DC VOLTAGE TAKEN WITH A  
HIGH INPUT IMPEDANCE VOLTMETER FROM THE POINT  
INDICATED TO CHASSIS GROUND. VOLTAGES MAY VARY  
 $\pm 20\%$ .
10. PARTS IN SHADED AREAS ARE CRITICAL FOR CONTINUED  
SAFETY. REPLACE THEM ONLY WITH PARTS OF THE SAME  
RATING OR WITH THE PROPER HEATH PARTS.
11. COPY SWITCH SW4 IS SHOWN IN THE OUT POSITION.
12. \* THESE PARTS ARE FOR POSSIBLE FUTURE APPLICATION.

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