

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

Part of 595-2020

NOTES:

- 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.
- ALL RESISTORS ARE 1/2 WATT UNLESS MARKED OTHERWISE.  
RESISTOR VALUES ARE IN OHMS (K-1,000; M-1,000,000).
- ALL CAPACITORS ARE IN  $\mu$ F UNLESS MARKED OTHERWISE.
- ▽ THIS SYMBOL INDICATES CIRCUIT BOARD GROUND.
- ≡ THIS SYMBOL INDICATES CHASSIS GROUND.
- THIS SYMBOL INDICATES WHERE A WIRE IS SOLDERED TO A CIRCUIT BOARD.
- THIS SYMBOL INDICATES A CONNECTOR INSIDE CHASSIS PLUG P3.
- THIS SYMBOL INDICATES A PART THAT APPEARS TO BE ON A CIRCUIT BOARD BUT IS ACTUALLY MOUNTED ON THE CHASSIS.
- THIS SYMBOL INDICATES A DC VOLTAGE TAKEN WITH A HIGH INPUT IMPEDANCE VOLTMETER FROM THE POINT INDICATED TO CHASSIS GROUND. VOLTAGES MAY VARY  $\pm 20\%$ .
- PARTS IN SHADED AREAS ARE CRITICAL FOR CONTINUED SAFETY. REPLACE THEM ONLY WITH PARTS OF THE SAME RATING OR WITH THE PROPER HEATH PARTS.
- COPY SWITCH SW4 IS SHOWN IN THE OUT POSITION.
- \* THESE PARTS ARE FOR POSSIBLE FUTURE APPLICATION.

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