

Assembly and Operation of the



ULTRASONIC INTRUSION ALARM

MODEL GD-39

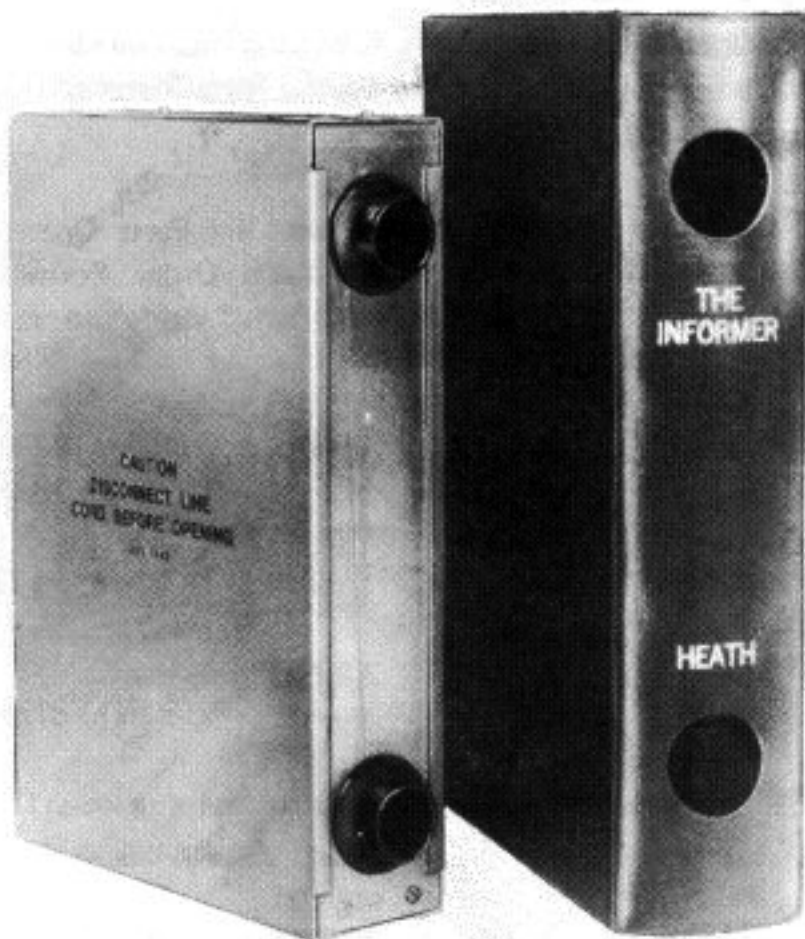
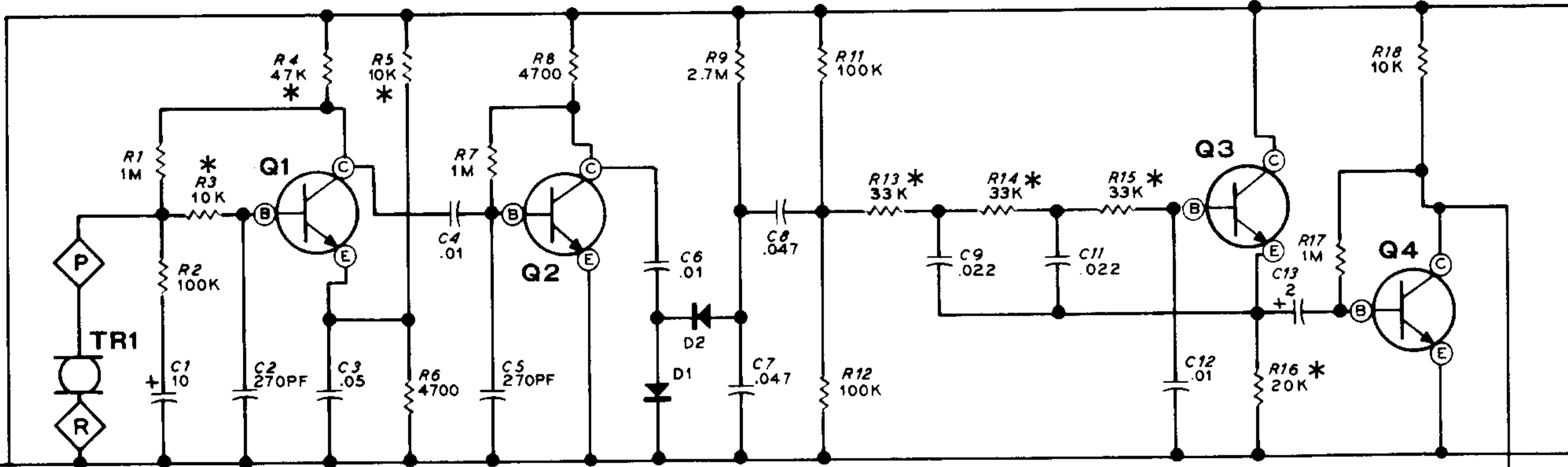
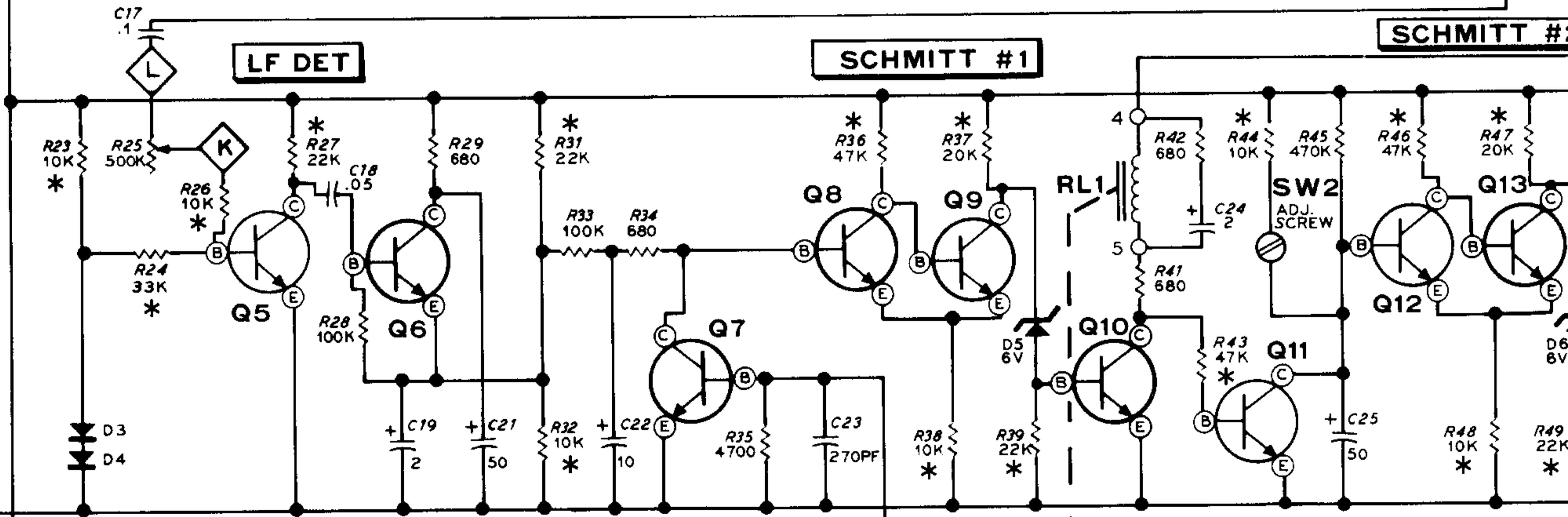
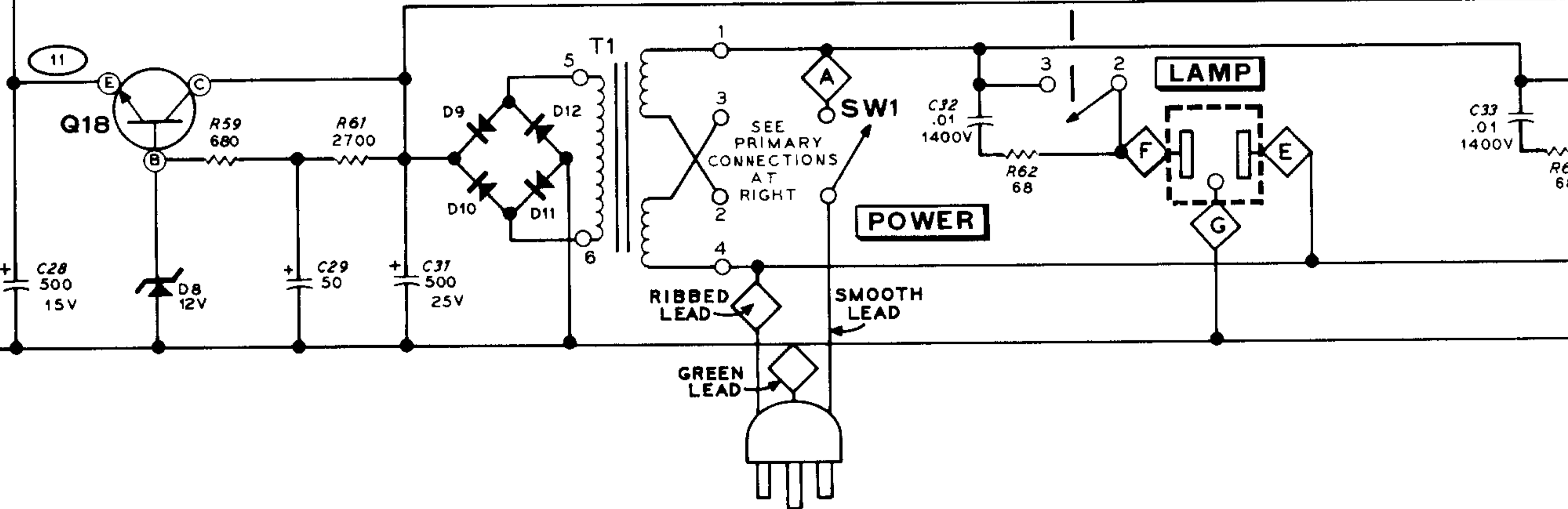
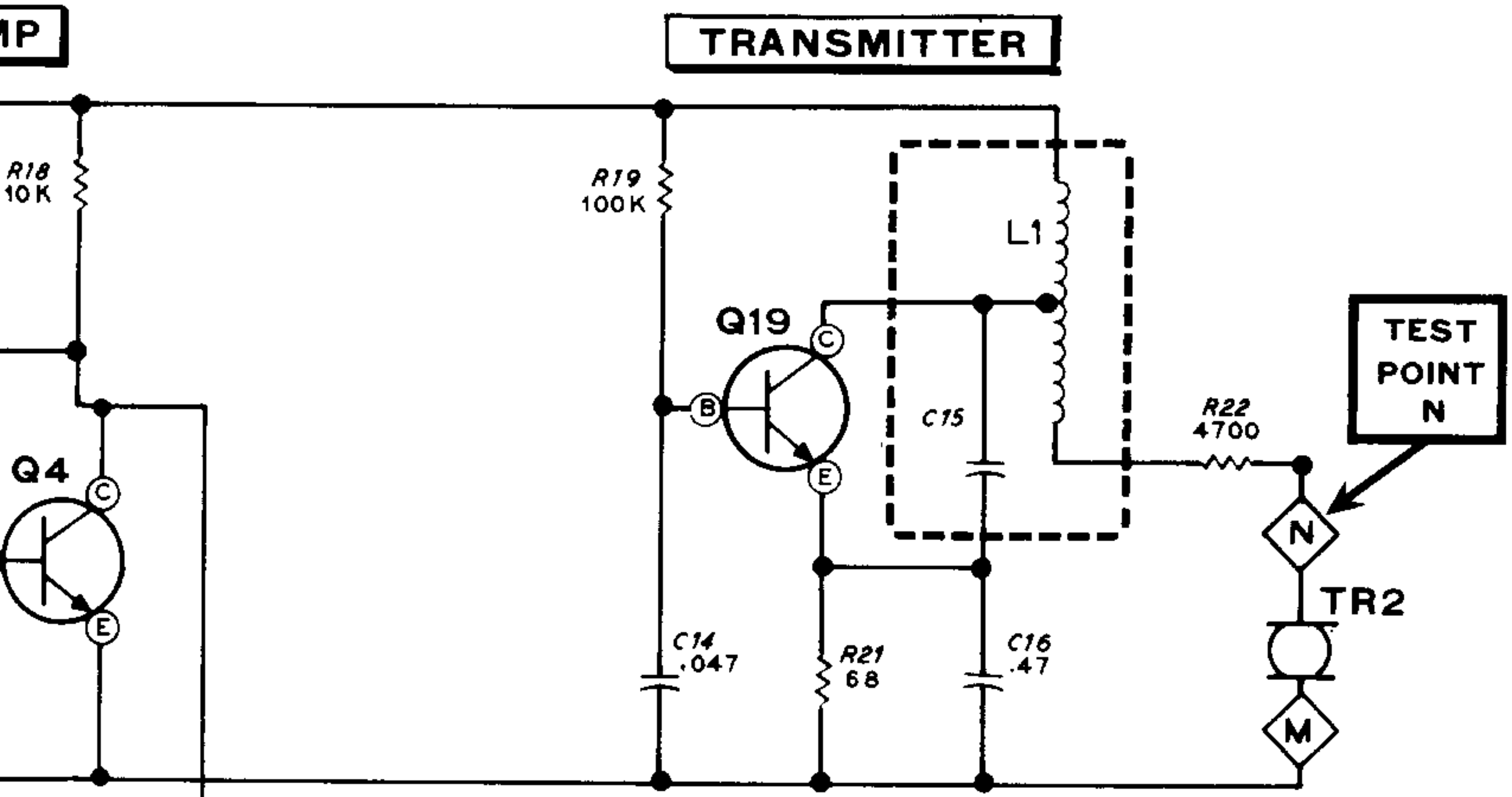


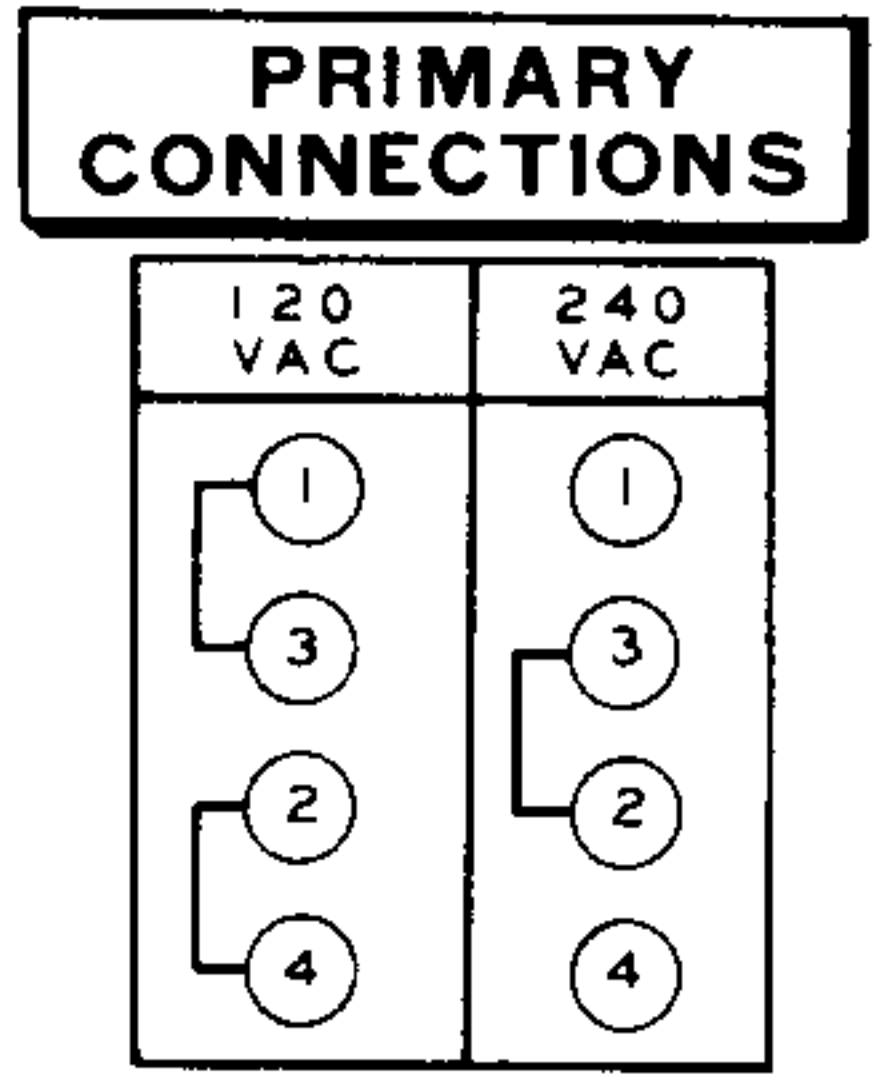
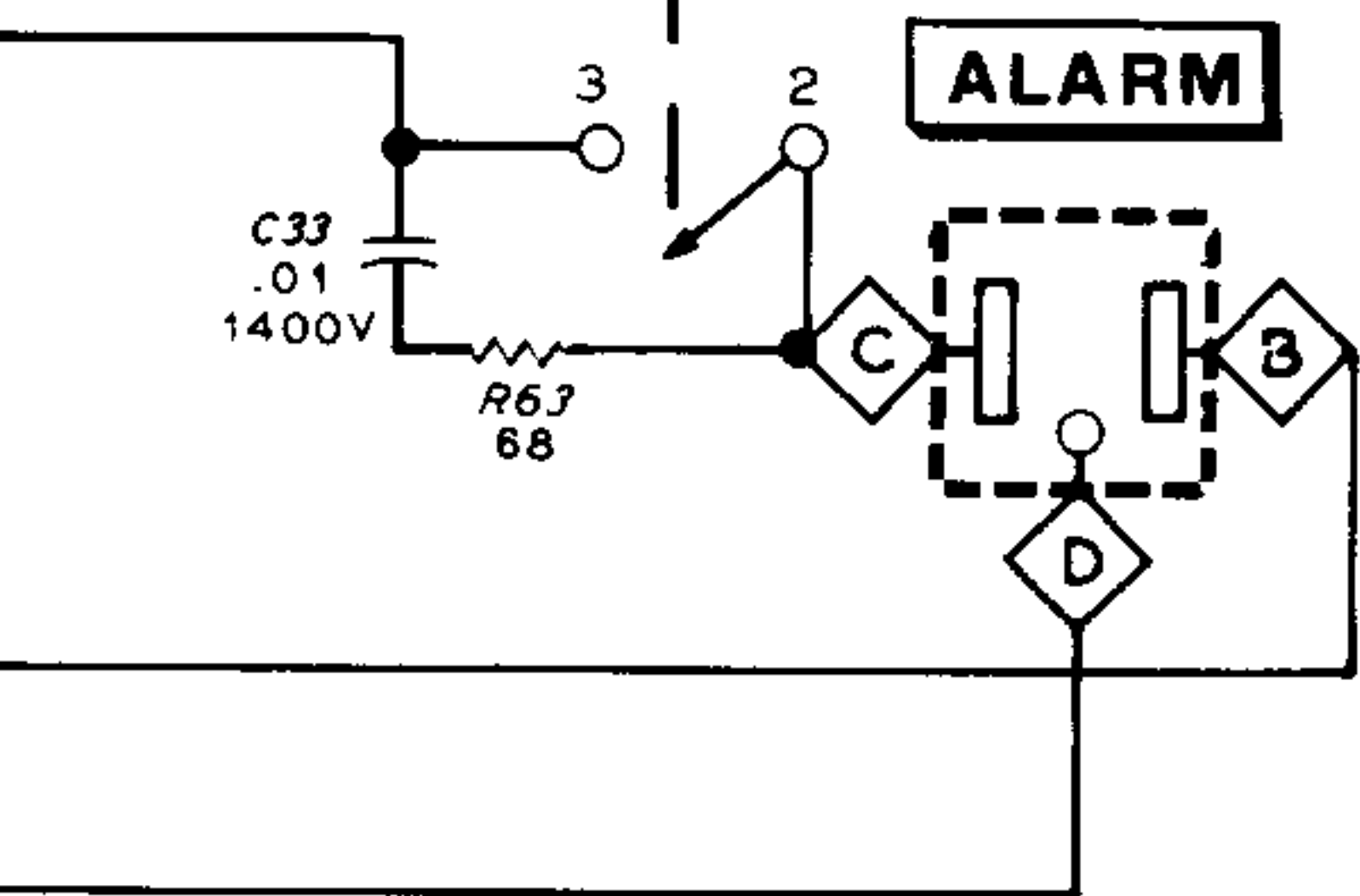
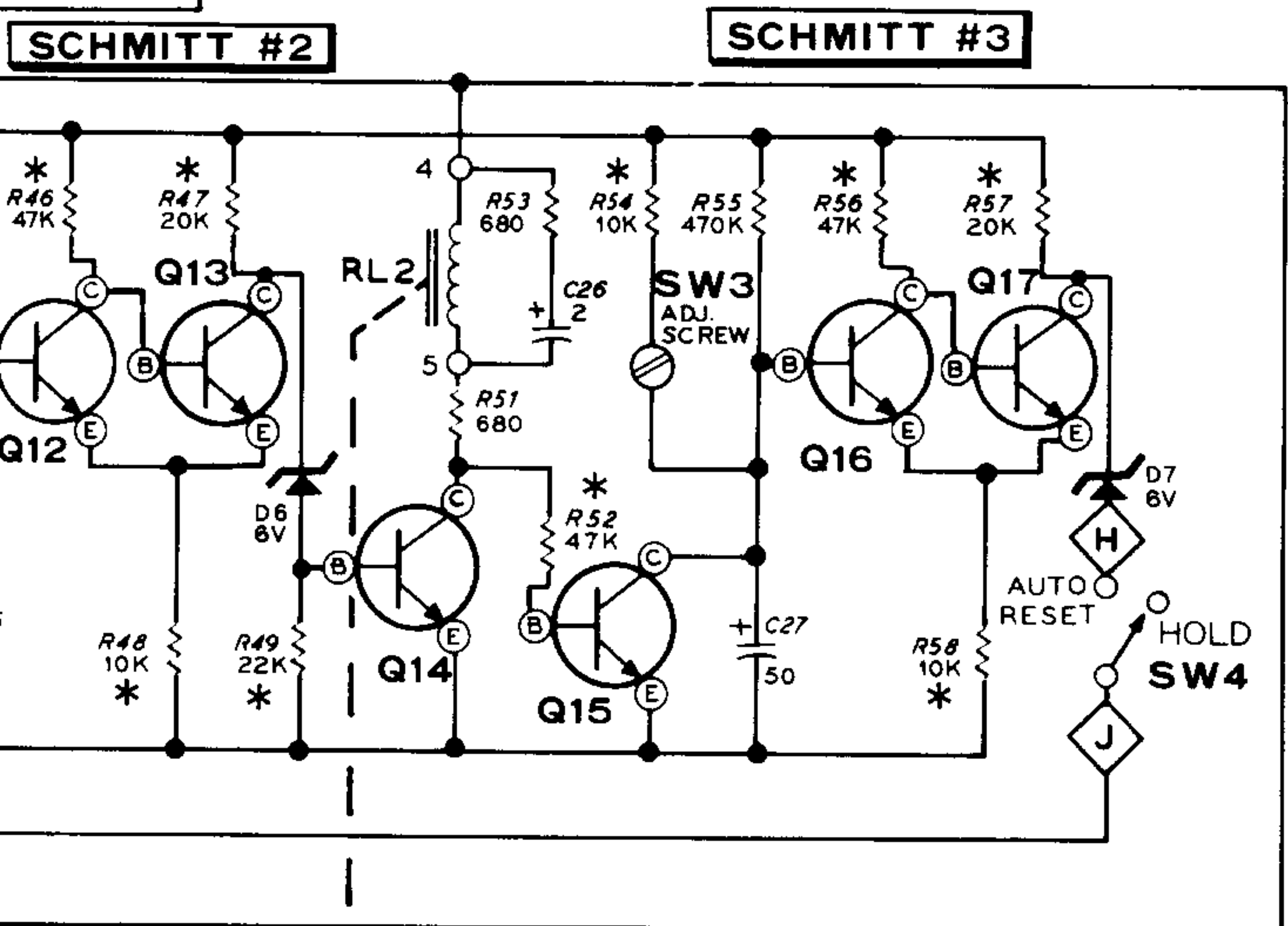
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RECEIVER**LF AMP****LF DET****SCHMITT #1****SCHMITT #2****B+REGULATOR****POWER SUPPLY**



**SCHEMATIC OF THE
HEATHKIT®
MODEL GD-39
ULTRASONIC INTRUSION ALARM**



NOTES:

1. ALL RESISTORS ARE 1/2 WATT. RESISTOR VALUES ARE IN OHMS UNLESS OTHERWISE MARKED (K=1,000; M=1,000,000.) 5% TOLERANCE RESISTORS ARE MARKED WITH AN ASTERISK.
2. ALL CAPACITOR VALUES ARE IN µF UNLESS OTHERWISE MARKED.
3. SYMBOLS:
 - * 5% TOLERANCE RESISTORS (4th BAND GOLD)
 - ◊ A CIRCUIT BOARD CONNECTION HOLE. A LETTER IN THE SQUARE IS THE LETTER PRINTED ON THE CIRCUIT BOARD.
 - ◻ TRANSDUCER.
 - A DC VOLTAGE OF THE SAME VALUE AS THE CONTAINED FIGURE.
 - ⊏ AC SOCKET.
4. REFER TO THE TRANSISTOR AND DIODE IDENTIFICATION CHART FOR IDENTIFICATION INFORMATION OF THESE DEVICES.
5. REFER TO THE X-RAY VIEWS AND THE CHASSIS PHOTOGRAPHS FOR THE PHYSICAL LOCATION OF PARTS.
6. REFER TO THE VOLTAGE CHART FOR VOLTAGES AT TRANSISTOR BASES AND DIODE LEADS.