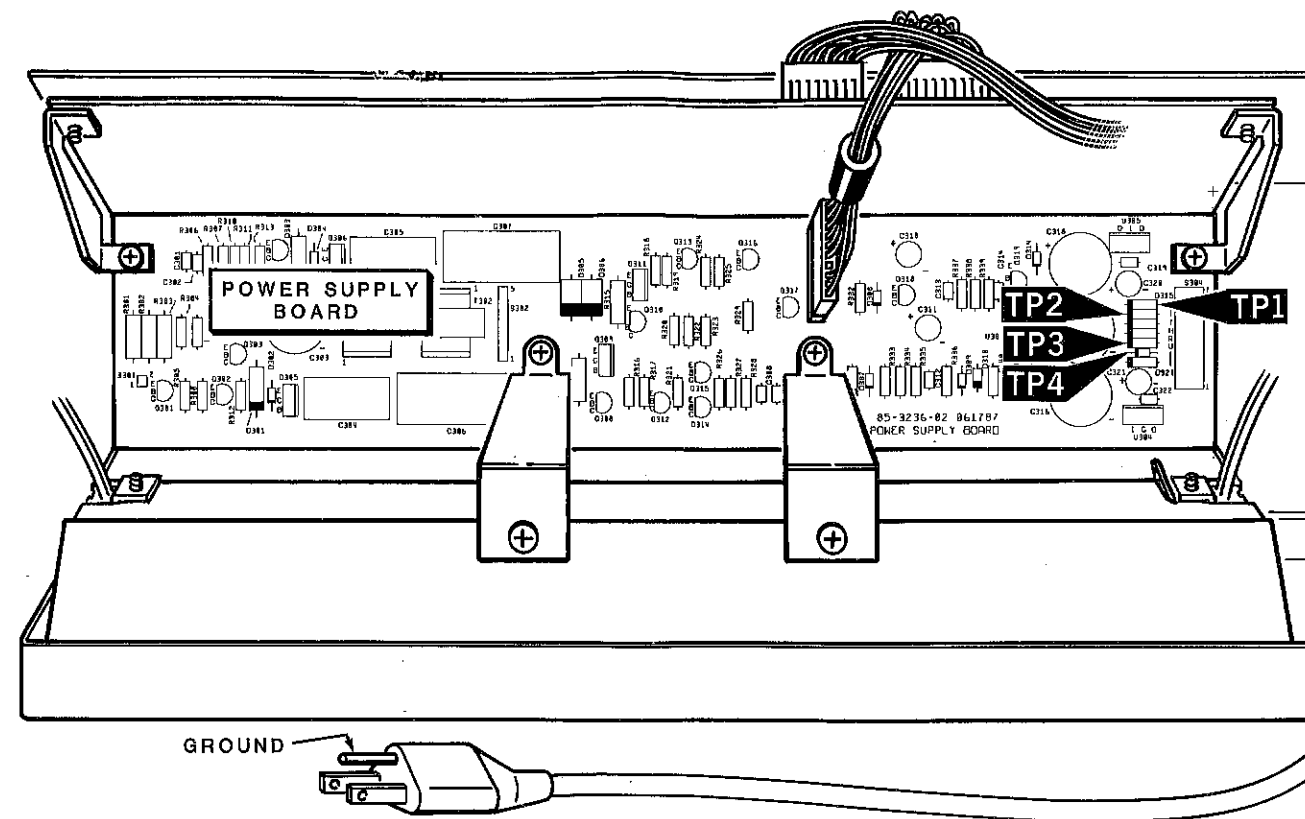


ILLUSTRATION BOOKLET

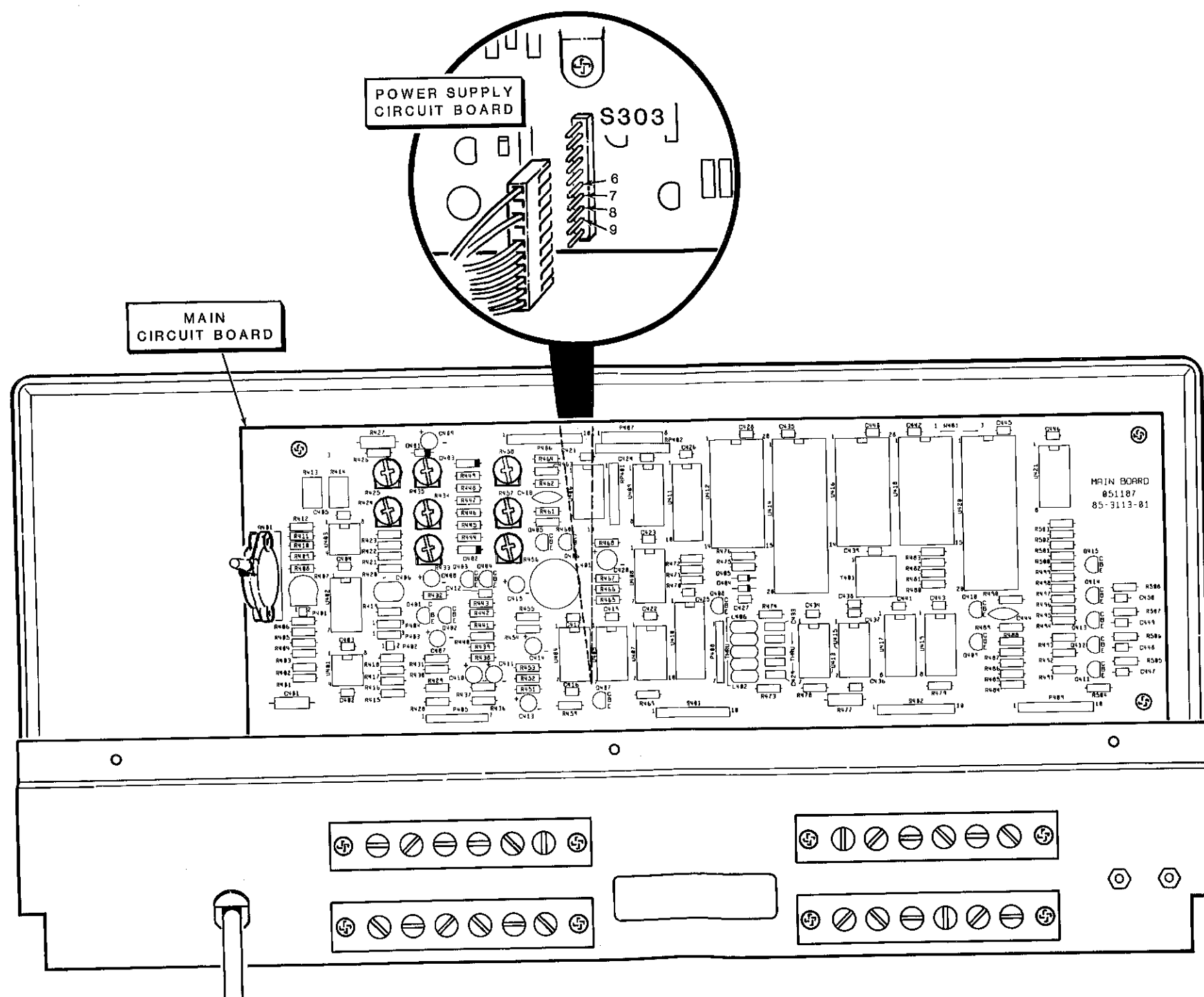
Part of 595-4409



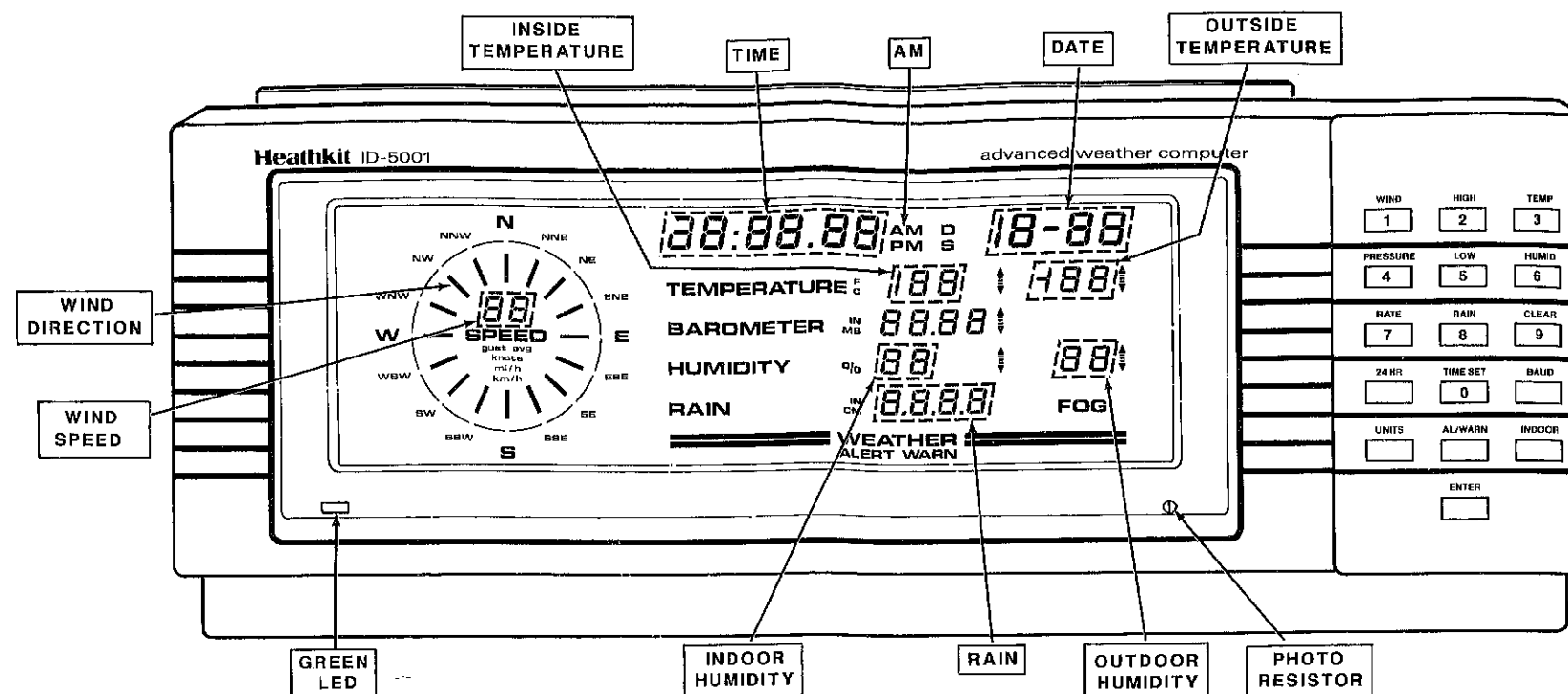
PICTORIAL 1-1

Model ID-5001B Operation

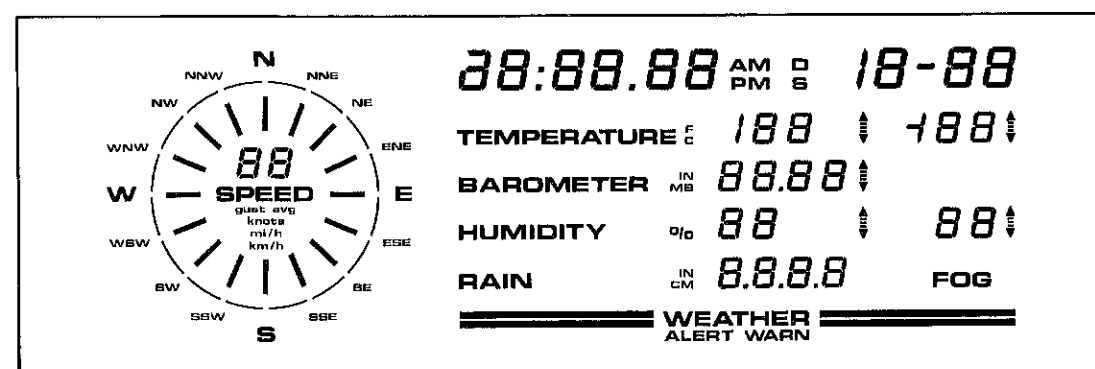
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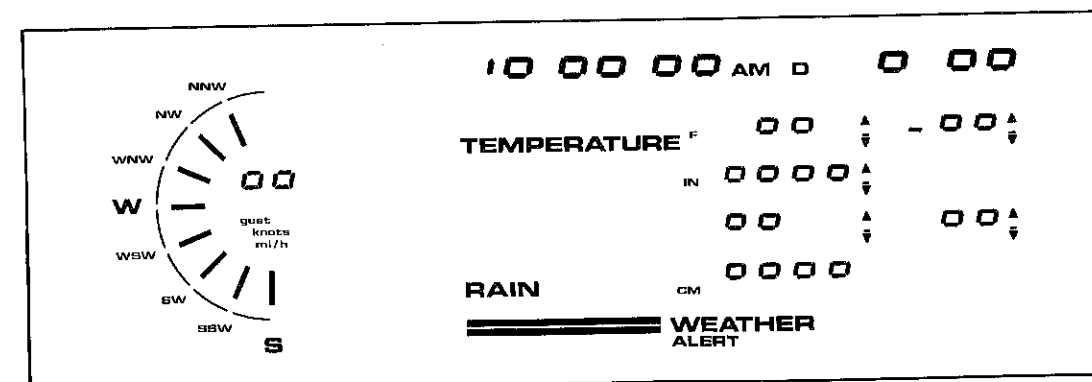
PICTORIAL 1-2



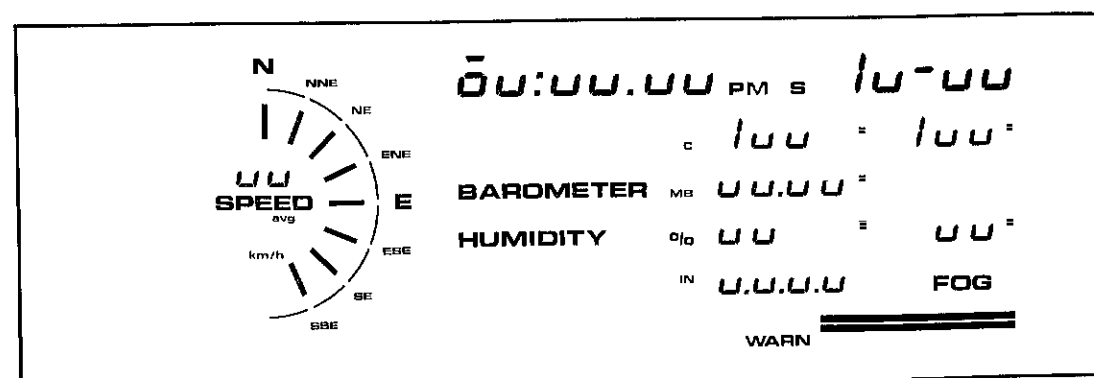
PICTORIAL 1-3



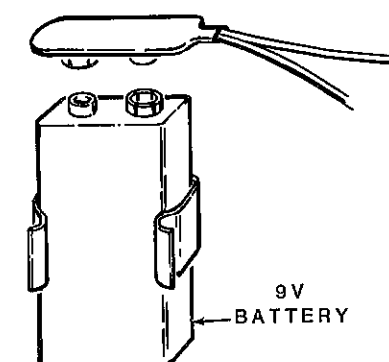
Detail 1-3A



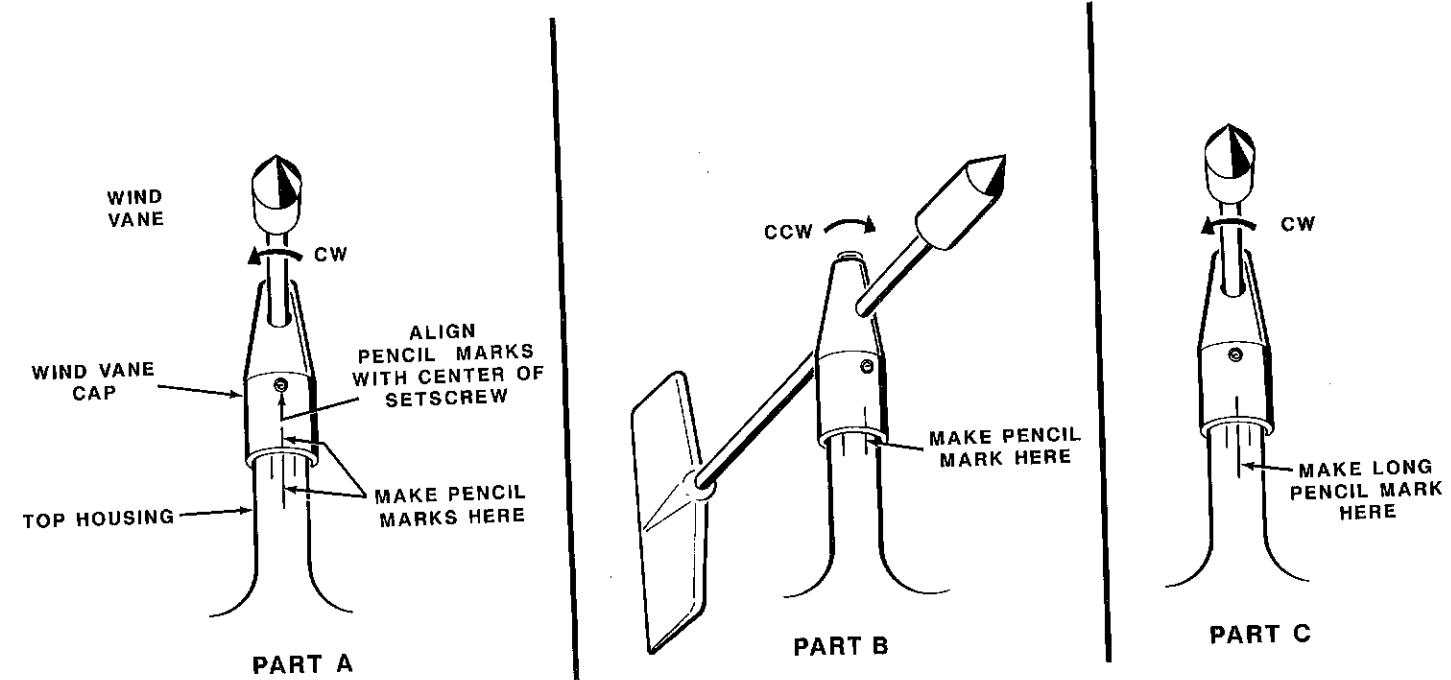
Detail 1-3C



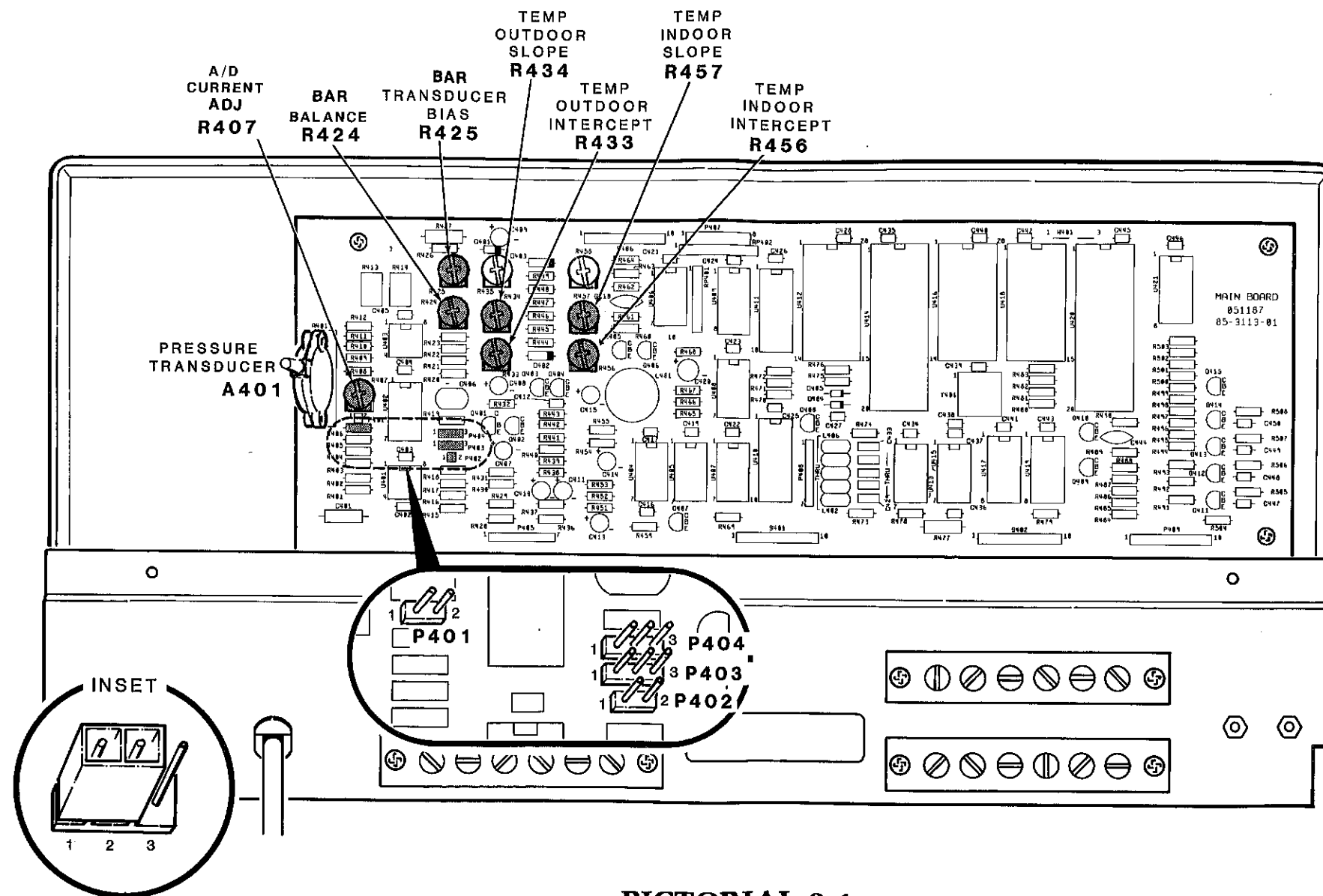
Detail 1-3B



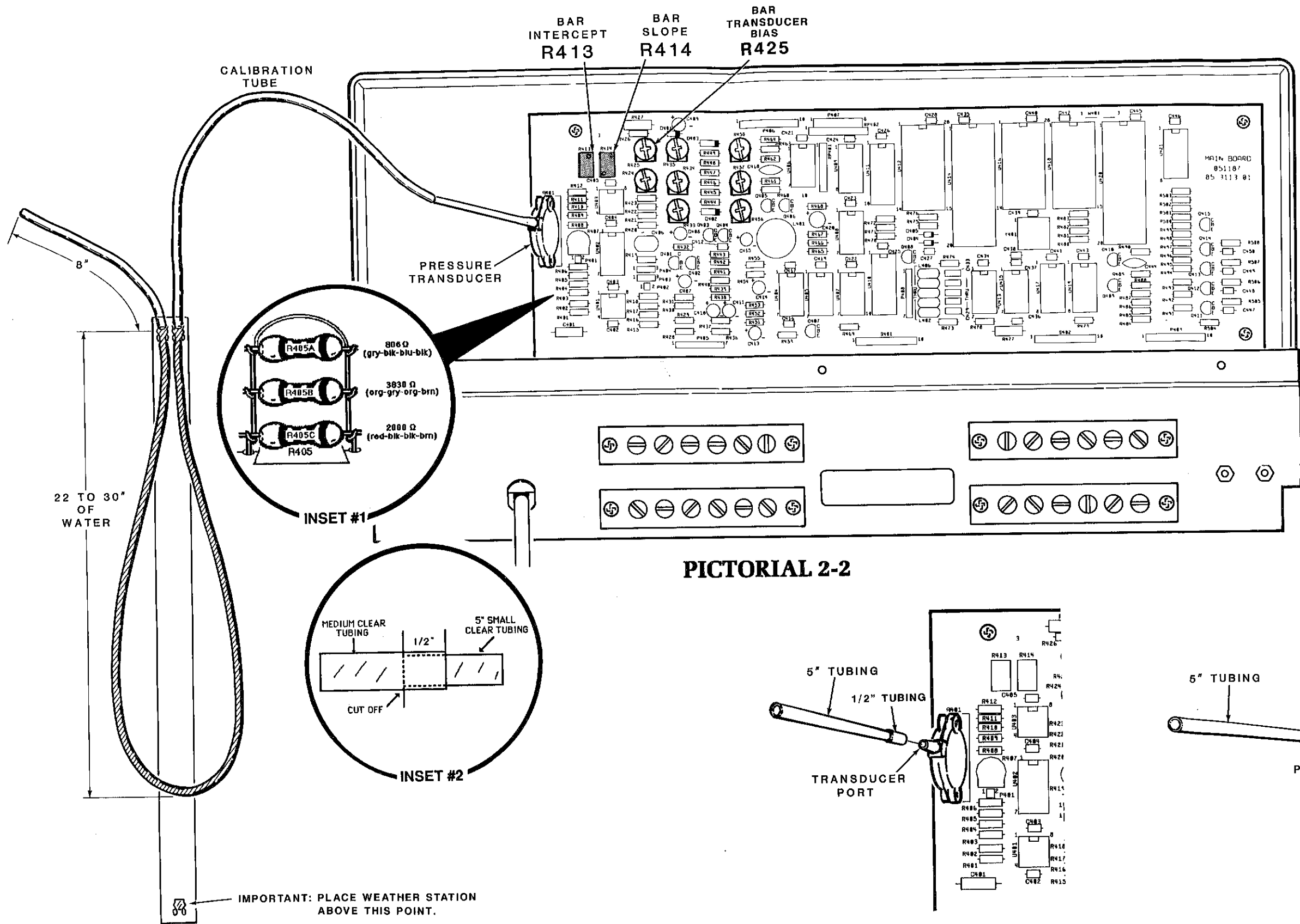
Detail 1-3D



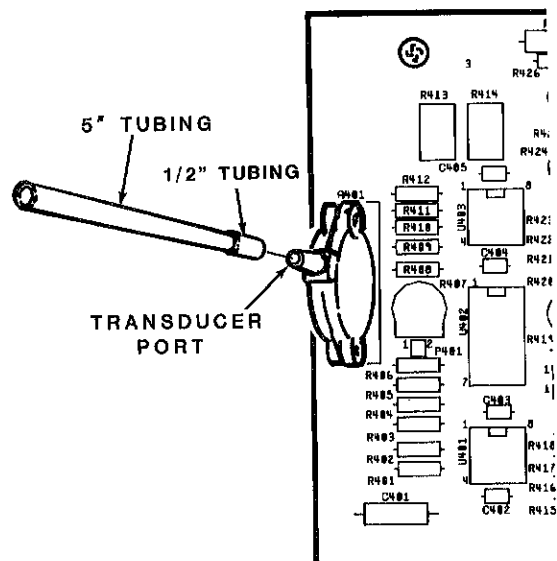
PICTORIAL 1-4



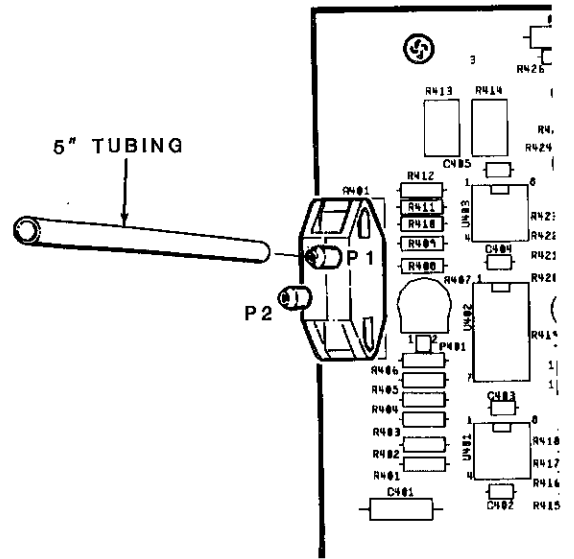
PICTORIAL 2-1



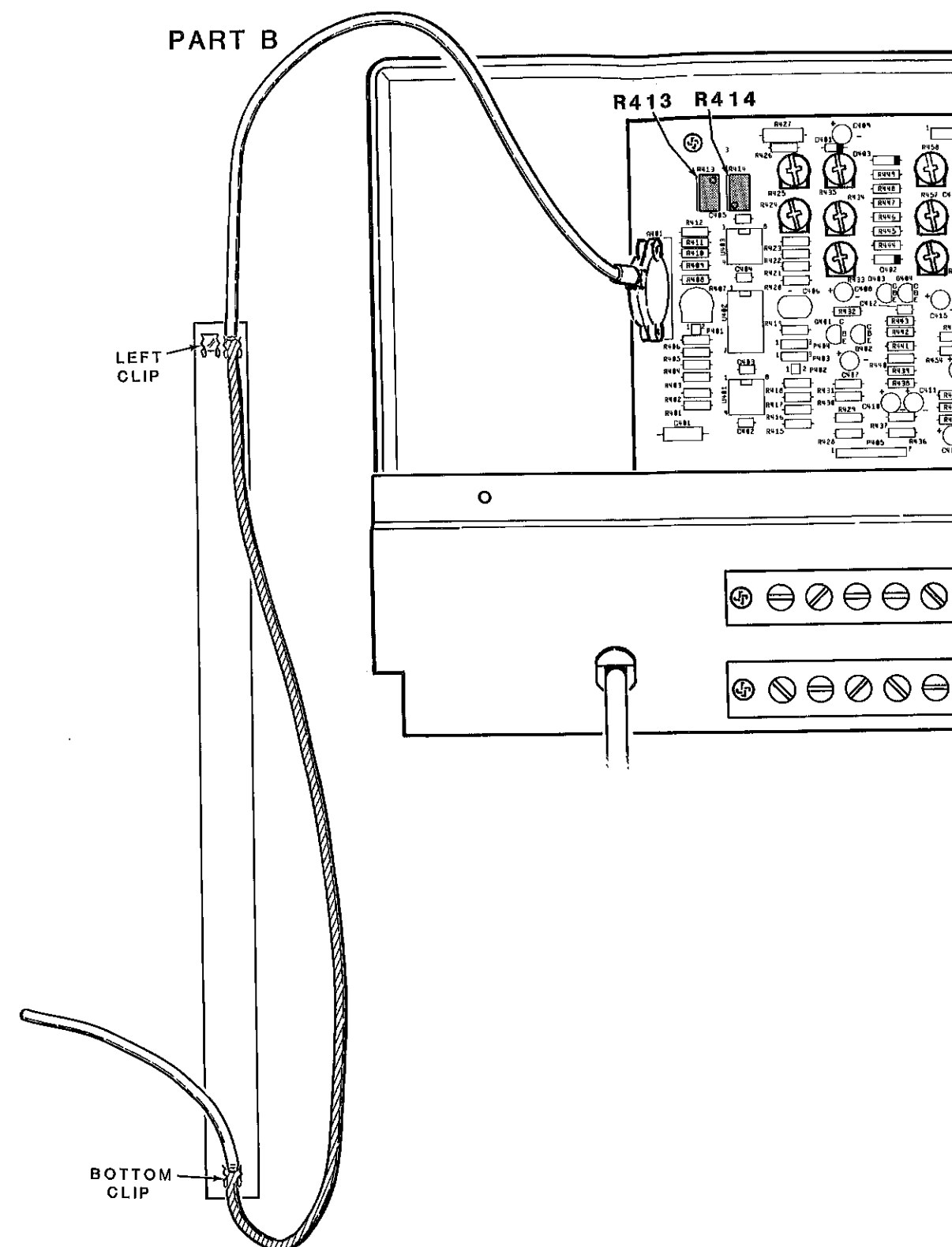
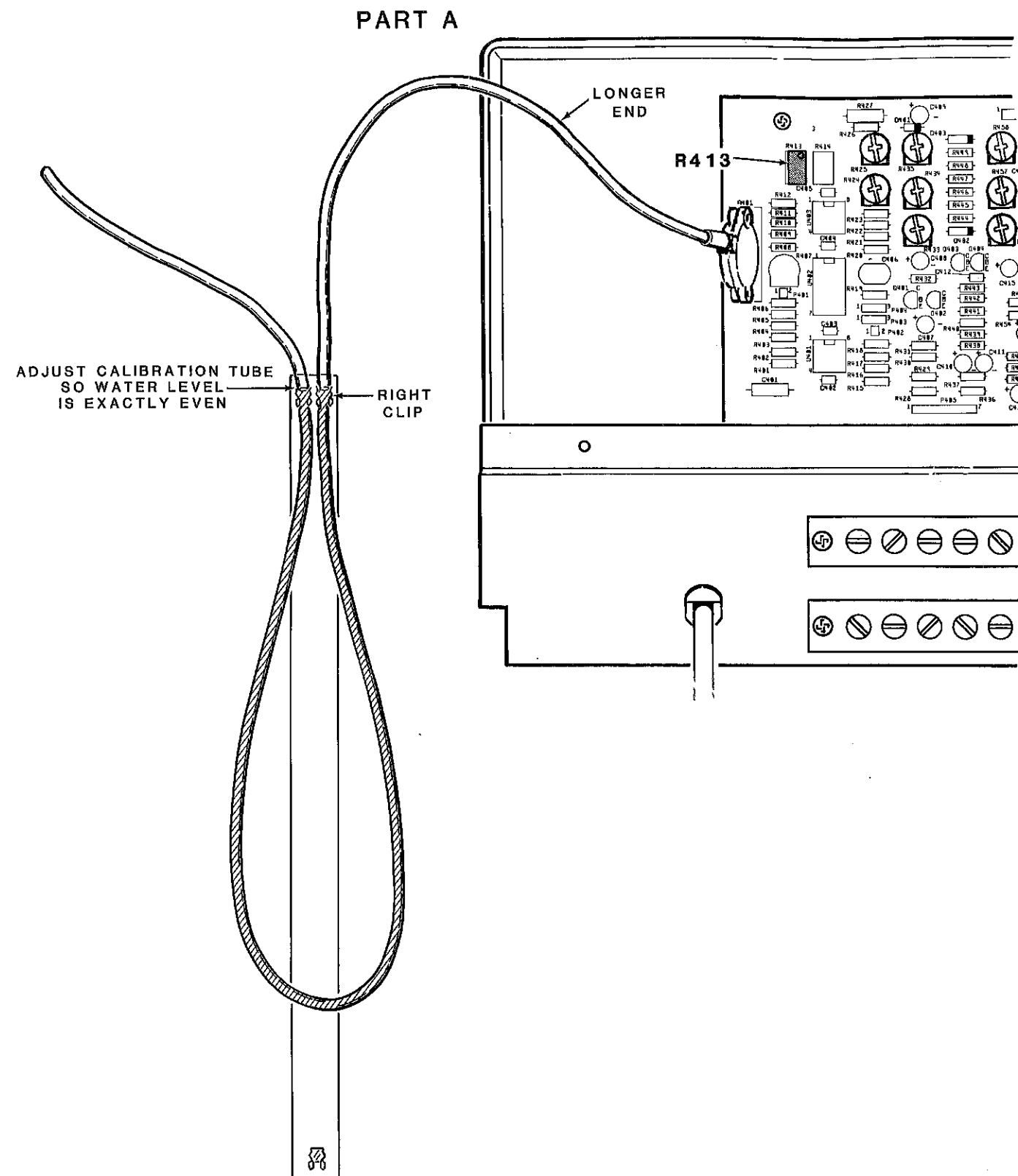
PICTORIAL 2-2



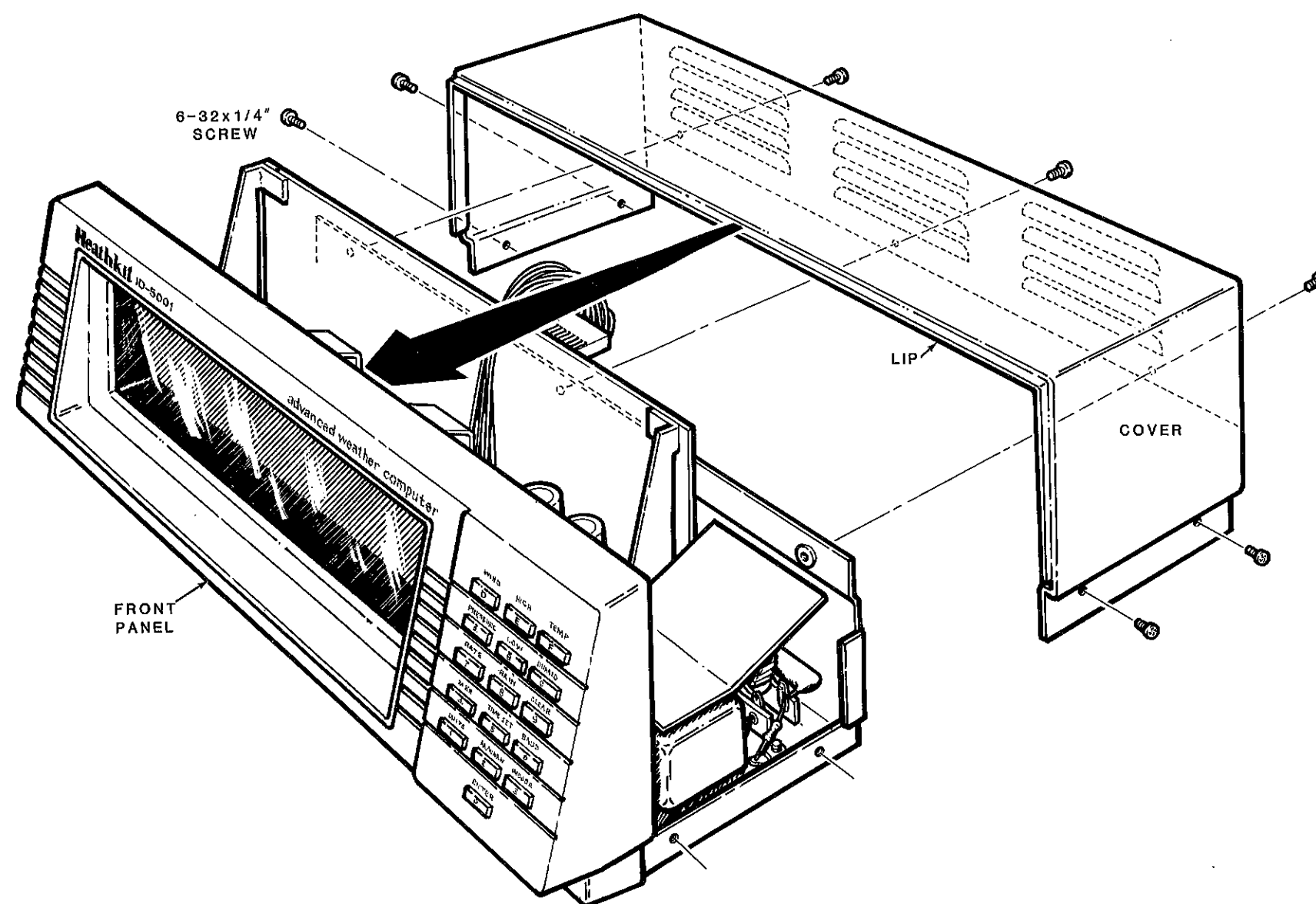
Detail 2-2A



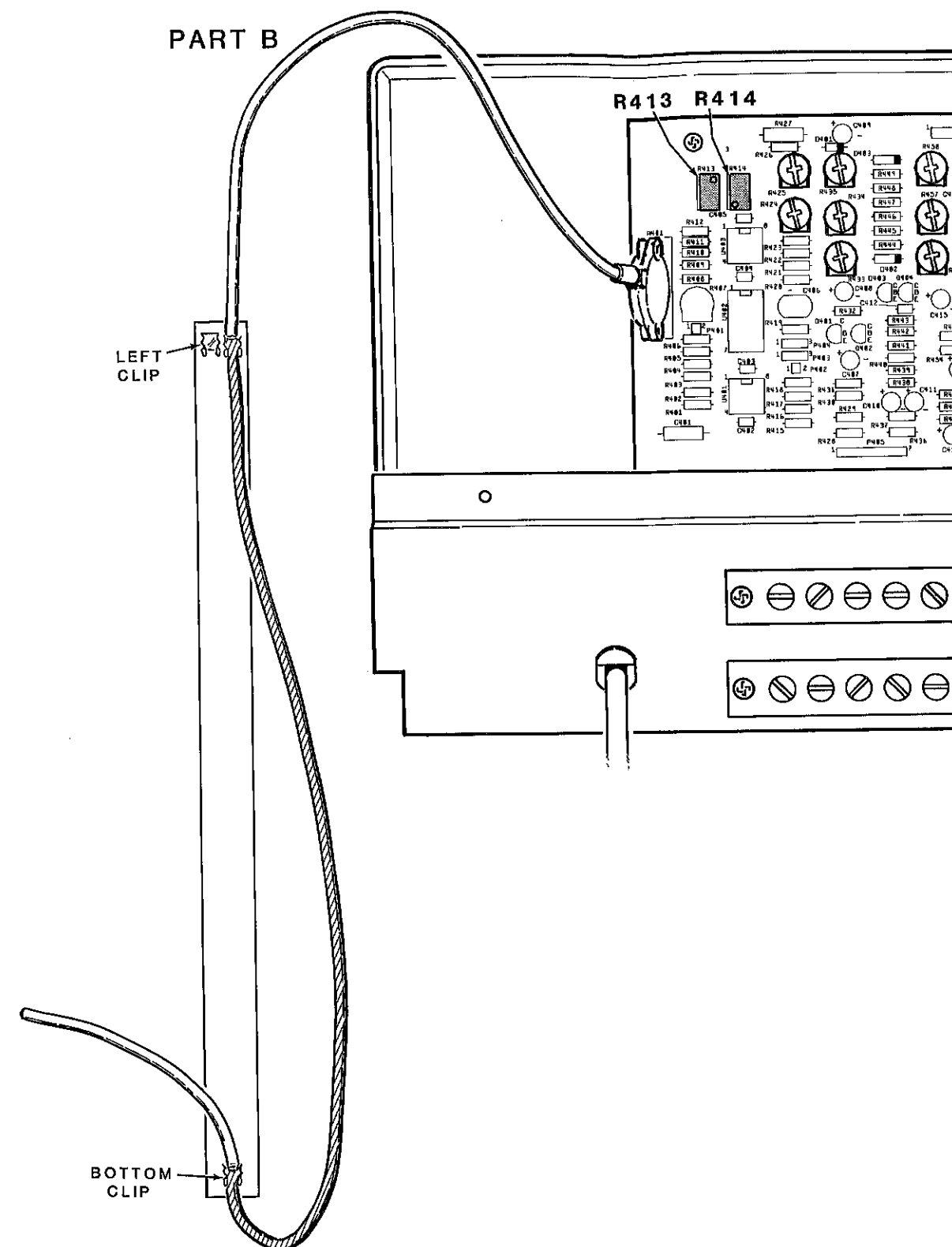
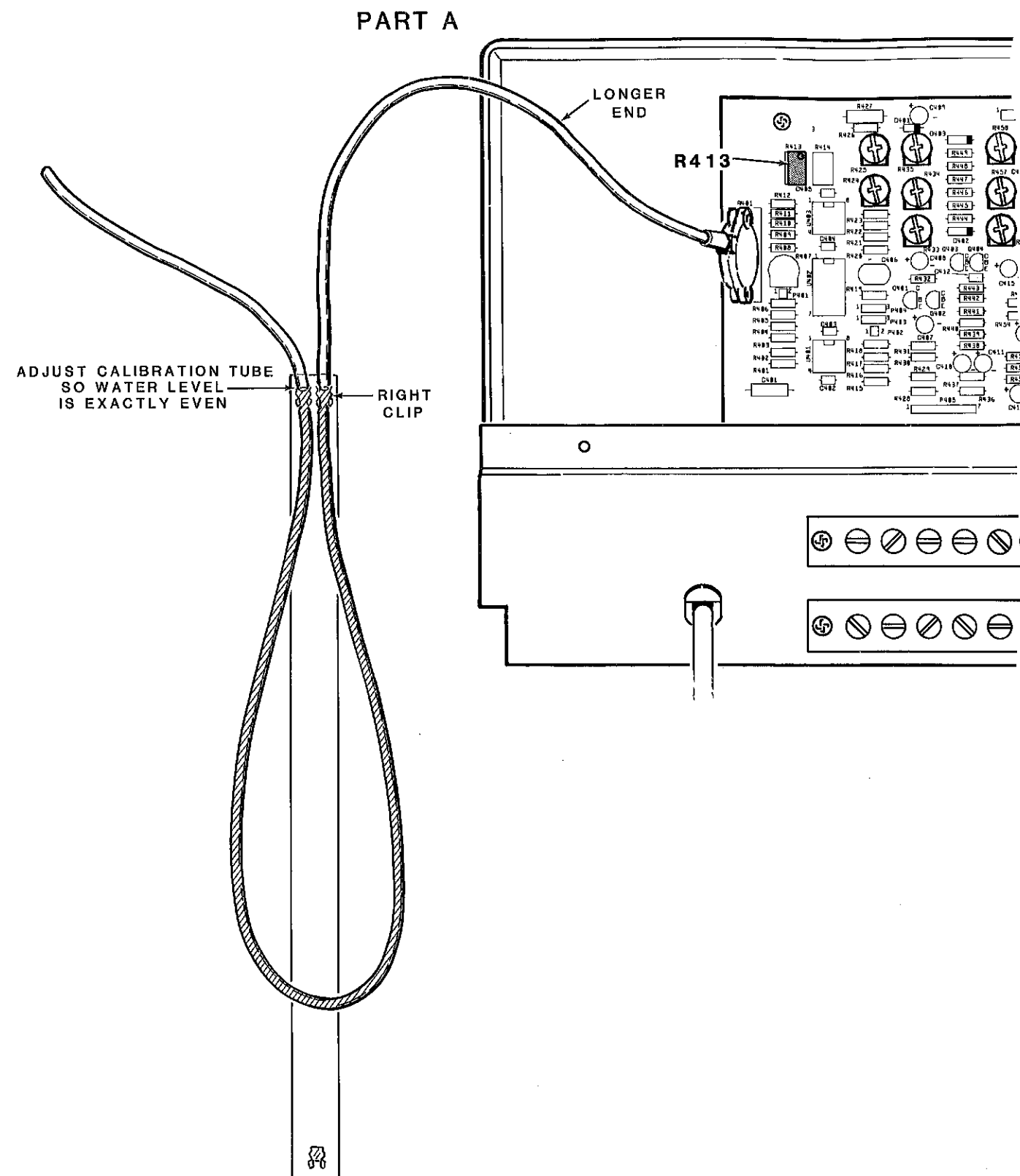
Detail 2-2B



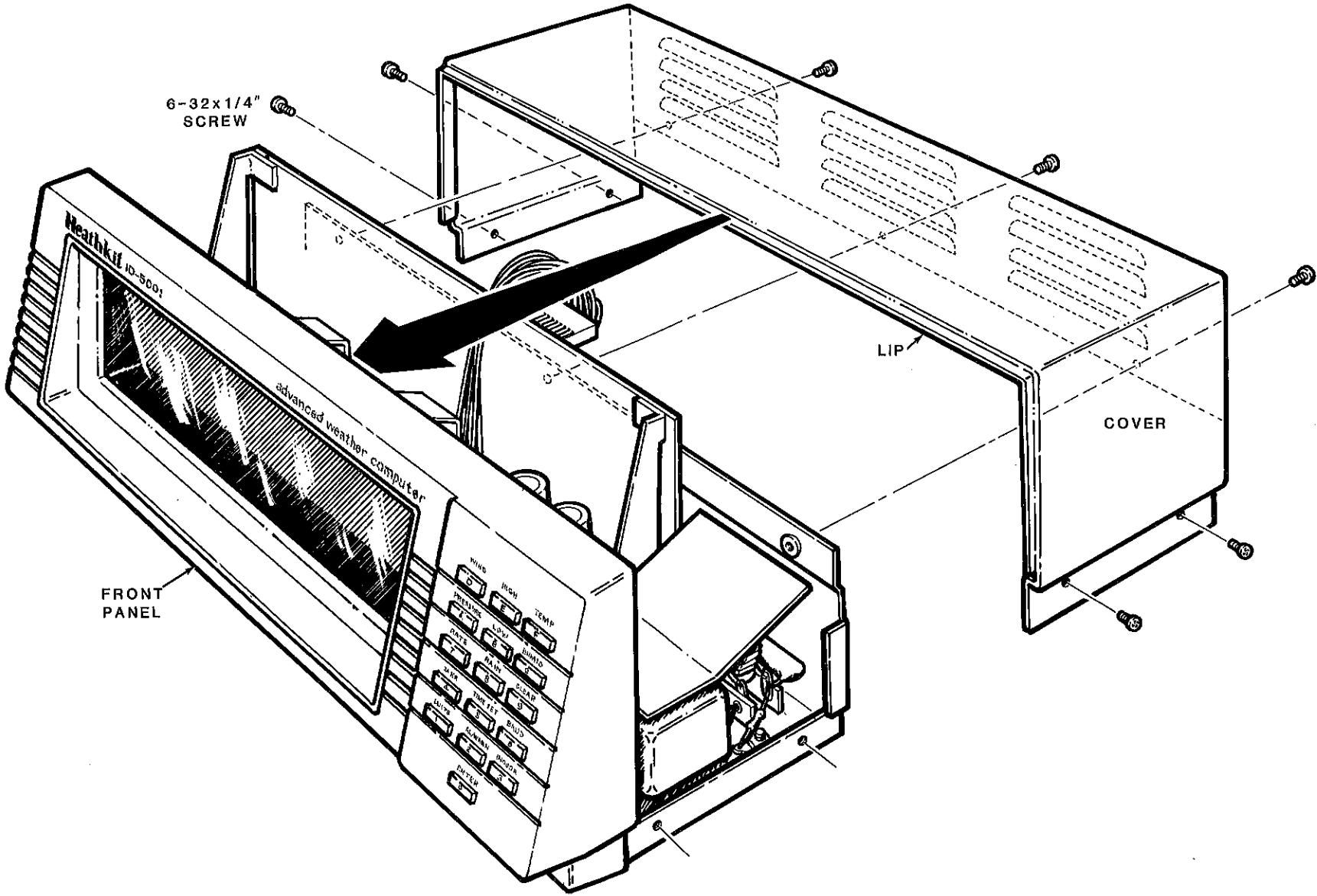
PICTORIAL 2-3



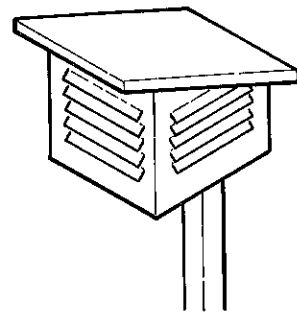
PICTORIAL 2-4



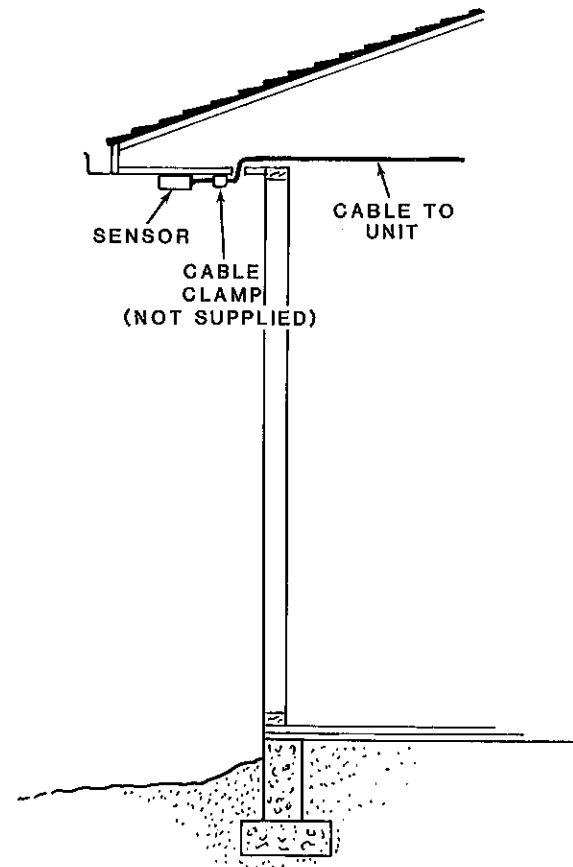
PICTORIAL 2-3



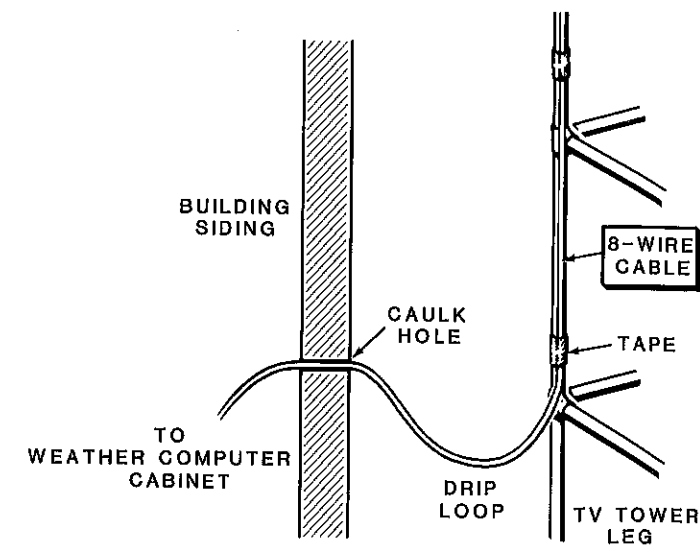
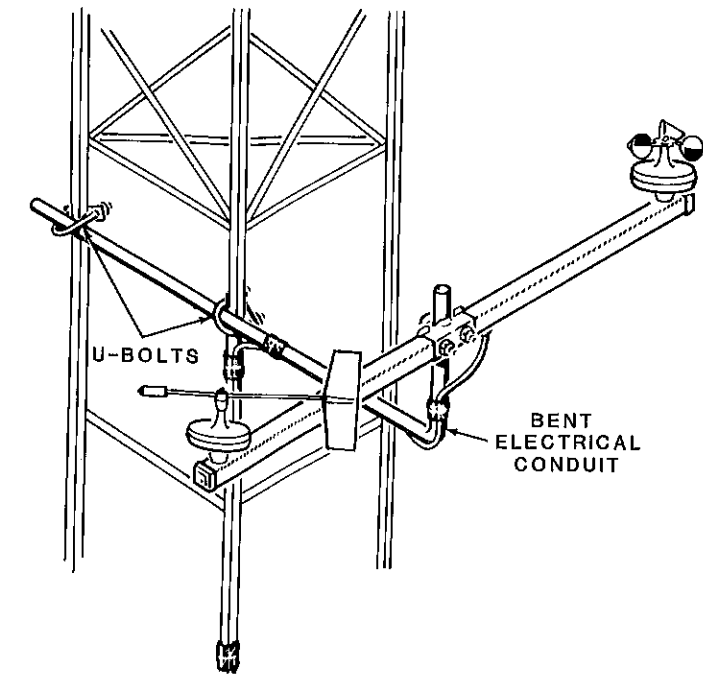
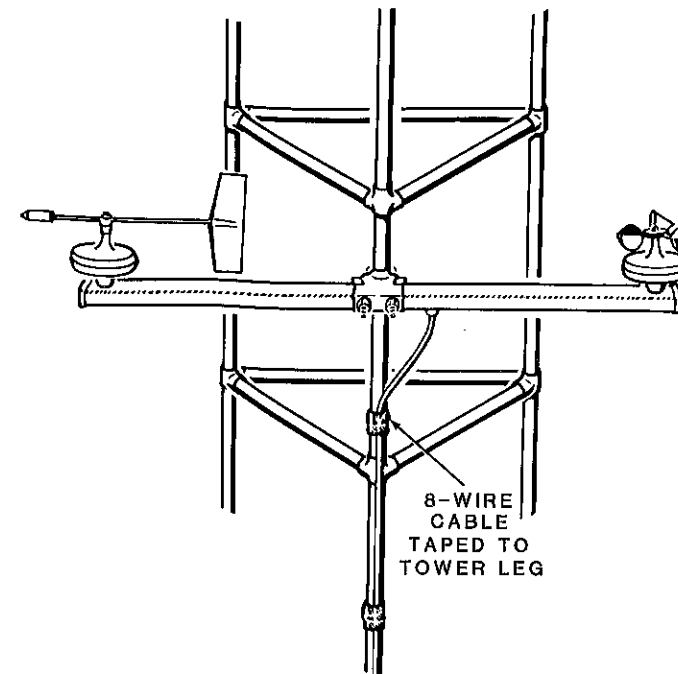
PICTORIAL 2-4



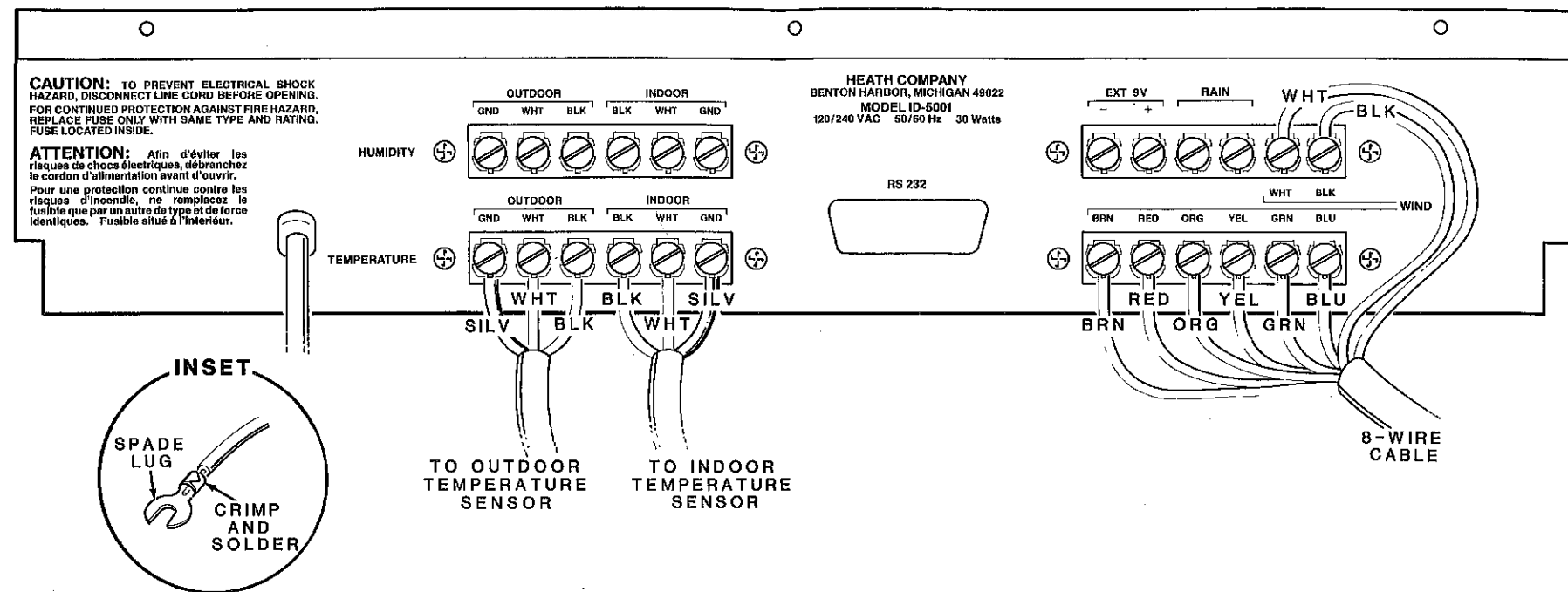
PICTORIAL 3-1



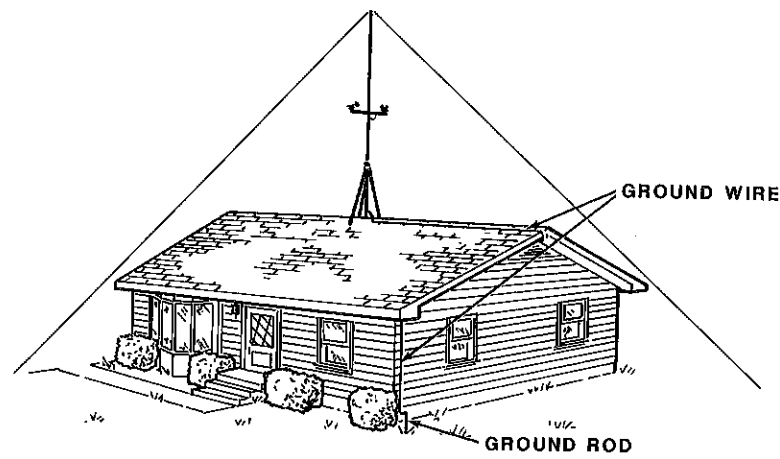
PICTORIAL 3-2



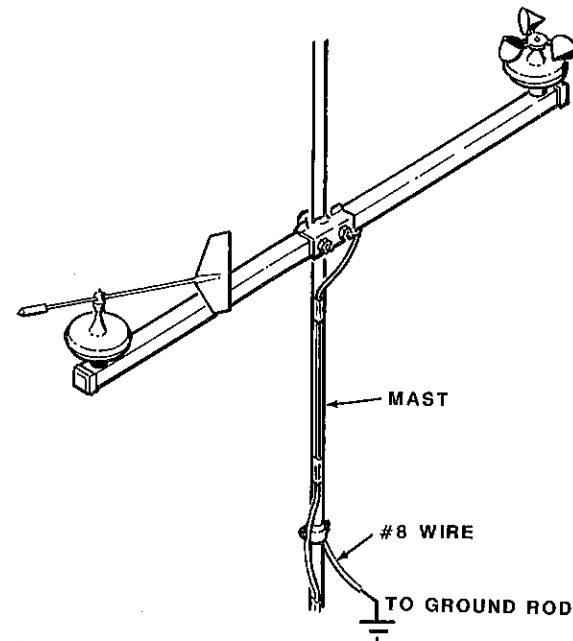
PICTORIAL 3-3



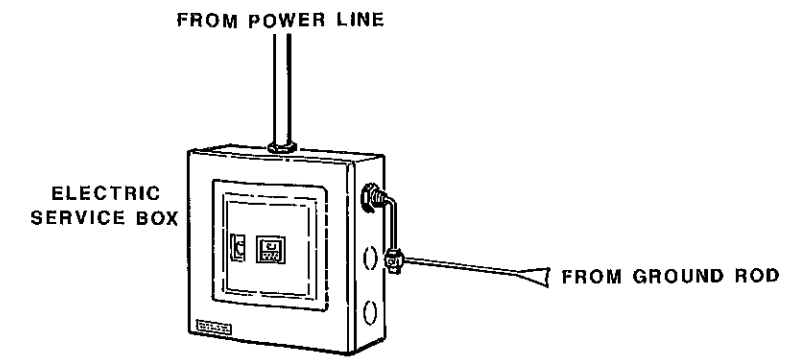
PICTORIAL 3-4



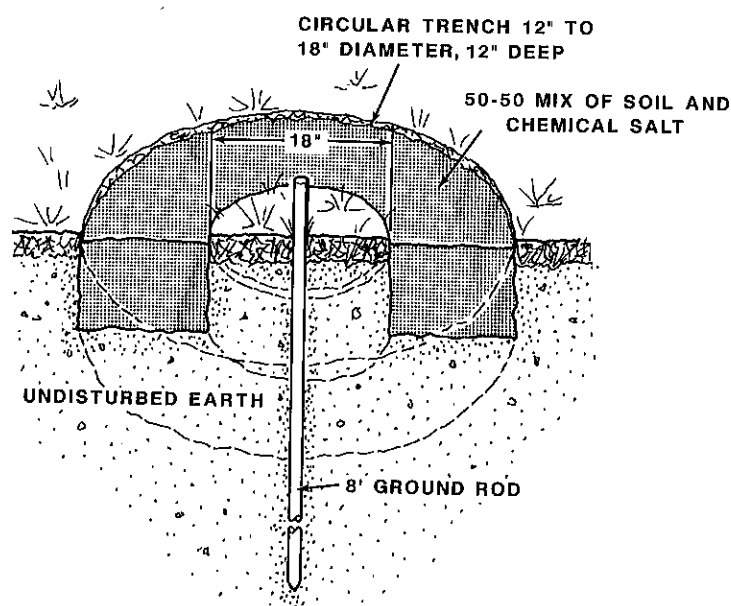
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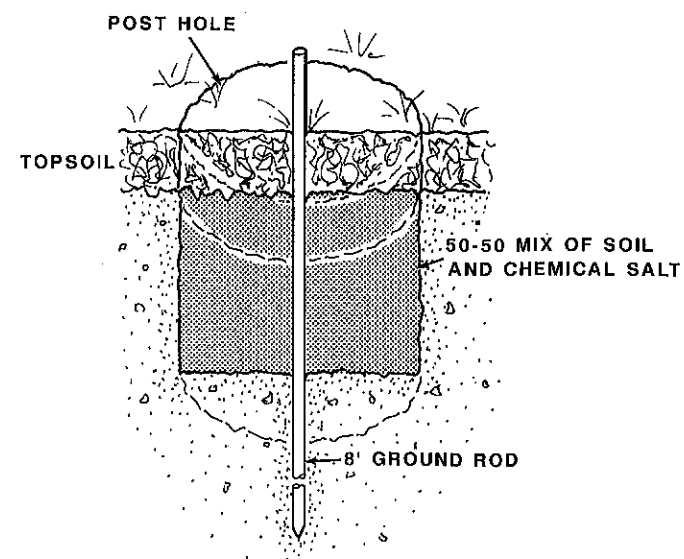
PICTORIAL 3-6



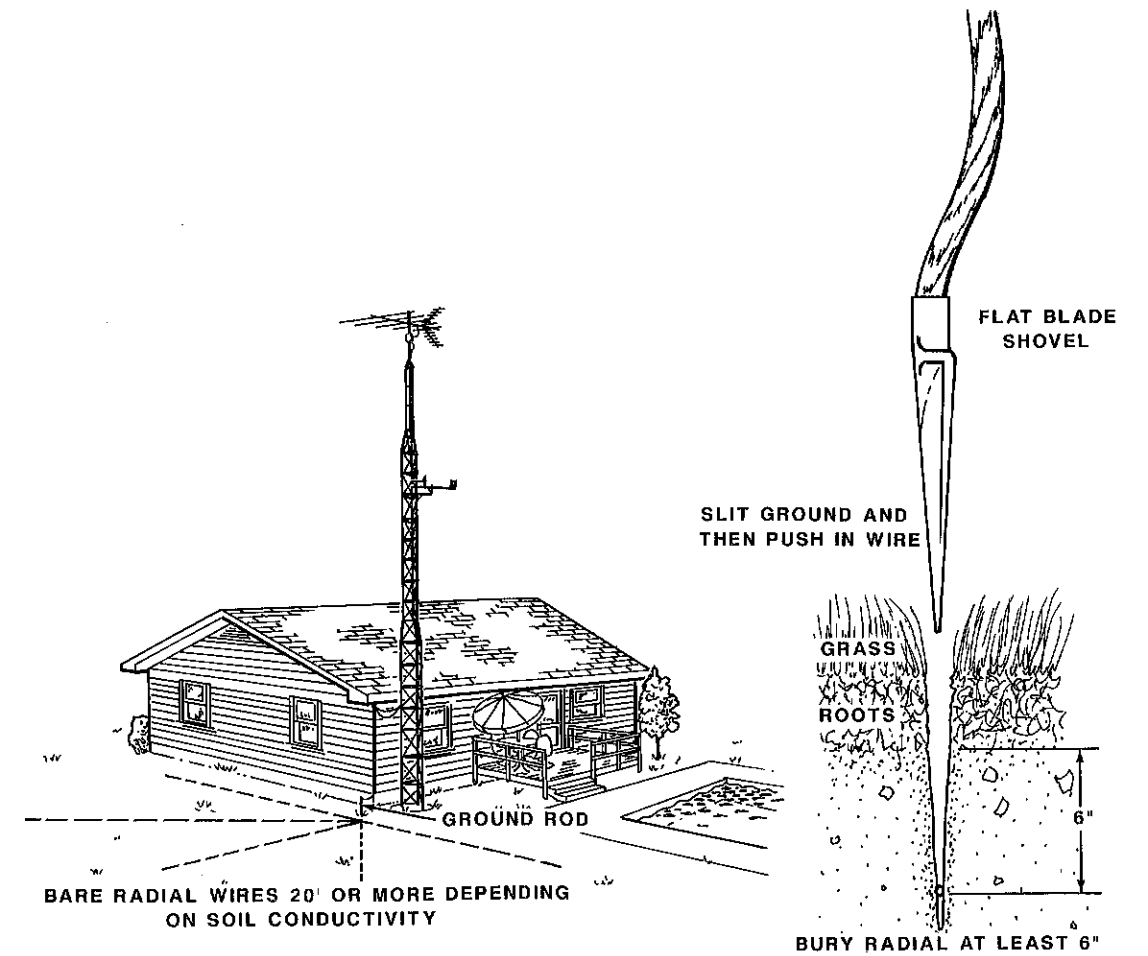
PICTORIAL 3-7



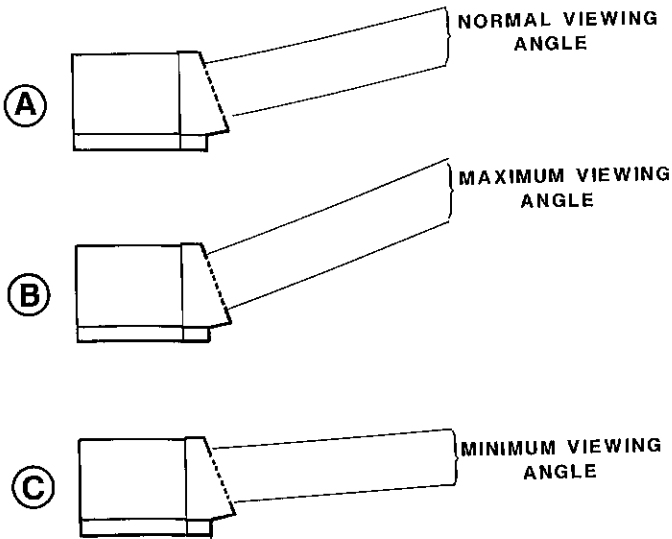
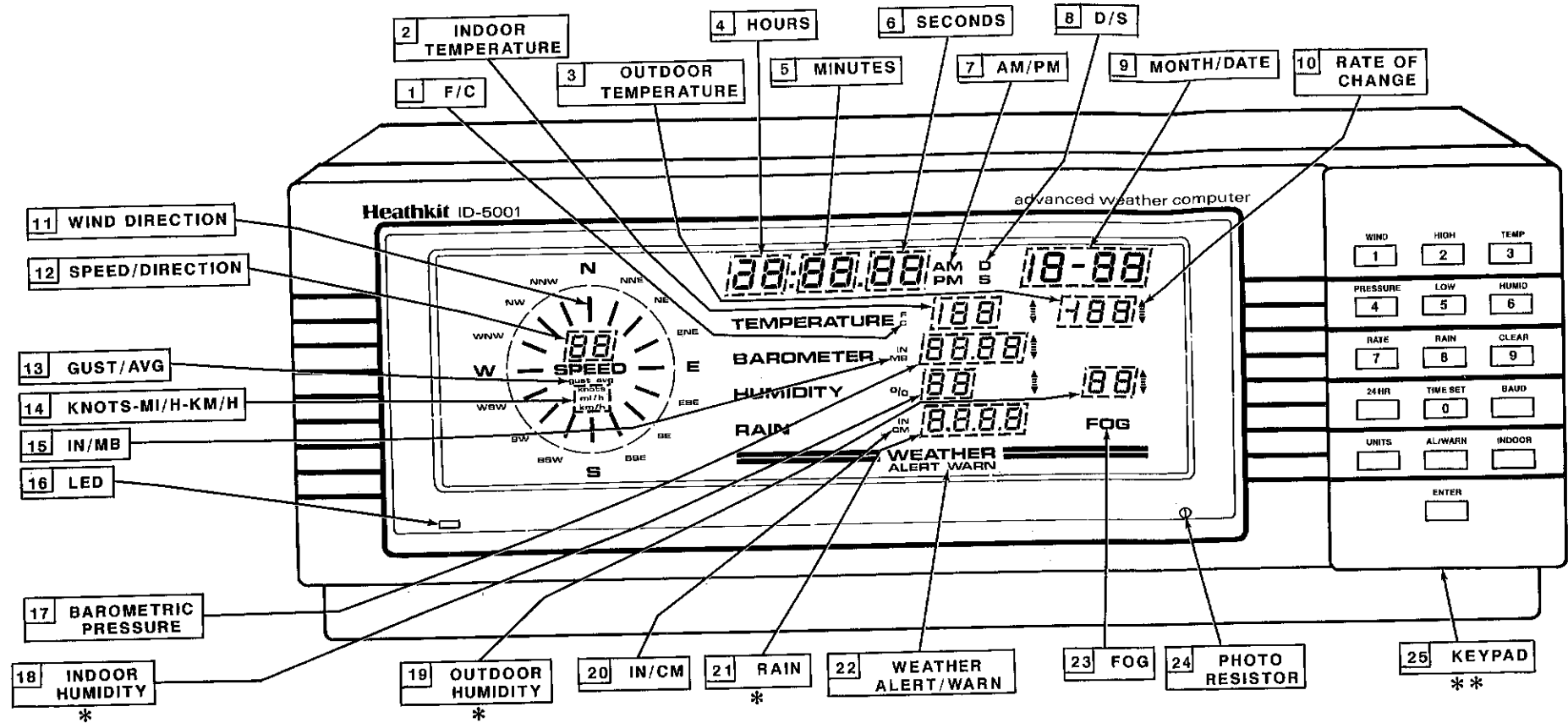
PICTORIAL 3-8



PICTORIAL 3-9



PICTORIAL 3-10



Detail 4-1A

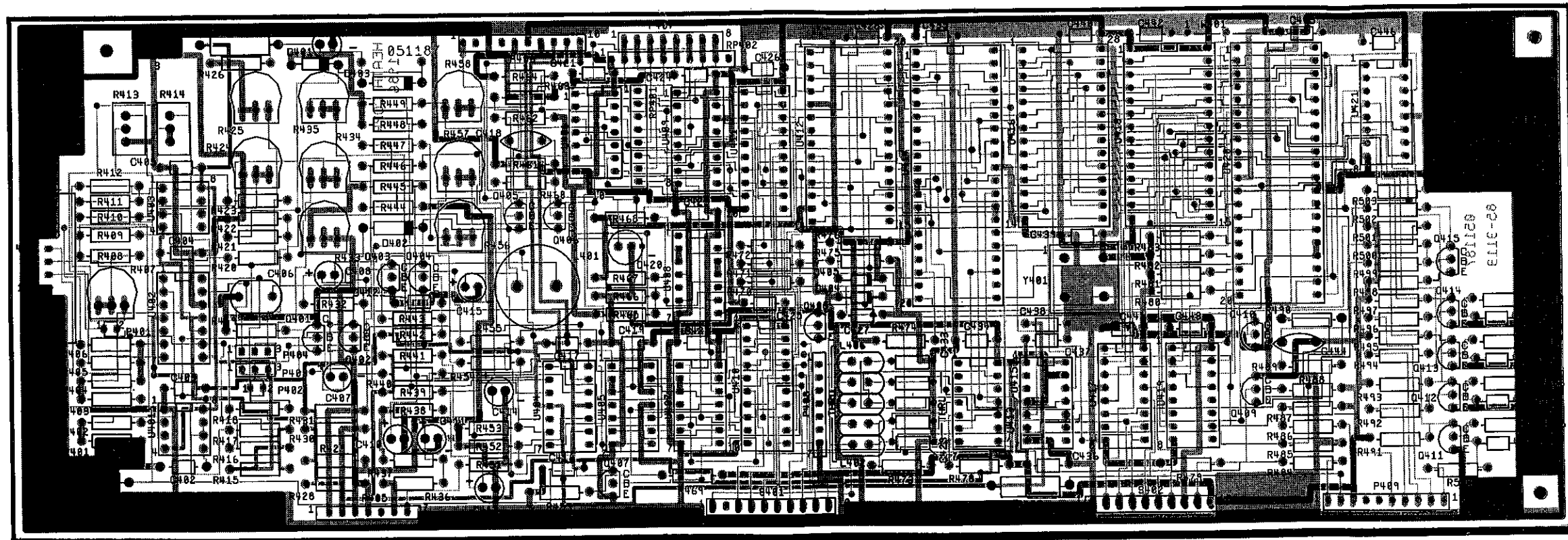
PICTORIAL 4-1

- | | | |
|--|--|--|
| <p>1. F/C — Indicates whether the displayed temperature is in degrees Fahrenheit (F) or degrees Celsius (C).</p> <p>2. INDOOR TEMPERATURE — Indicates the indoor temperature.</p> <p>3. OUTDOOR TEMPERATURE — Indicates the outdoor temperature.</p> <p>4. HOURS — Indicates the hours (0-12 format, or 0-23 for 24-hour format).</p> <p>5. MINUTES — Indicates the minutes (0-59).</p> <p>6. SECONDS — Indicates the seconds (0-59). In the set-up mode, it indicates the display intensity (0-32).</p> <p>7. AM/PM — Indicates AM or PM when 12-hour time is displayed, but are absent when 24-hour time is displayed.</p> <p>8. D/S — Indicates D for daylight saving time or S for standard time. Appears only when setting the time/date section of the display.</p> <p>9. MONTH-DATE — Indicates the month (1-12) on the left-hand side and the date (1-31) on the right-hand side. In the set-up mode, it also indicates the year on the right-hand side.</p> <p>10. RATE OF CHANGE — Indicates if the rate of change is rising or falling. NOTE: This rate of change arrow is for the outdoor temperature. Identical indicators are used for the indoor temperature, barometric pressure, indoor humidity, and outdoor humidity.</p> | <p>11. WIND DIRECTION — Indicates the direction that the wind is coming from when a bar is lit.</p> <p>12. SPEED/DIRECTION — Indicates the speed (0-99) of the wind with the "SPEED" indicator lit. With the "SPEED" indicator off, indicates the wind direction in degrees after multiplying the displayed number by 10.</p> <p>13. GUST/AVG — Indicates the wind gust or wind average mode.</p> <p>14. KNOTS-MI/H-KM/H — Indicates the selected wind speed unit-of-measure.</p> <p>15. IN/MB — Indicates whether the barometric pressure is being displayed in inches (IN) or millibars (MB).</p> <p>16. LED — Indicates when AC power is being applied to the Weather Computer.</p> <p>17. BAROMETRIC PRESSURE — Indicates the barometric pressure.</p> <p>18. INDOOR HUMIDITY* — Indicates the indoor relative humidity in percent (%).</p> <p>19. OUTDOOR HUMIDITY* — Indicates the outdoor relative humidity in percent (%).</p> <p>20. IN/CM — Indicate whether the amount of rain displayed is being measured in inches (IN) or centimeters (CM).</p> <p>21. RAIN* — Indicates the amount of rain collected since the memory was cleared. Also, indicates the rate at which the rain is falling when you press the RATE and RAIN keys. Also, indicates the amount of rain collected in the last 24 hours when you press the 24HR key.</p> <p>22. WEATHER ALERT/WARN — Indicates that the rate change for wind speed, barometric pressure, or temperature meet the criteria to turn one or both on. Also, the top bar only lights when "ALERT" turns on, while both bars light when "ALERT WARN" turns on.</p> <p>23. FOG — Indicates that the possibility of fog exists.</p> <p>24. PHOTO RESISTOR — Detects the ambient light level and, in turn, controls the display's light intensity.</p> <p>25. KEYPAD**</p> | <p>* Optional accessory.</p> <p>** See the "Operation" section for a detailed explanation of each key.</p> |
|--|--|--|

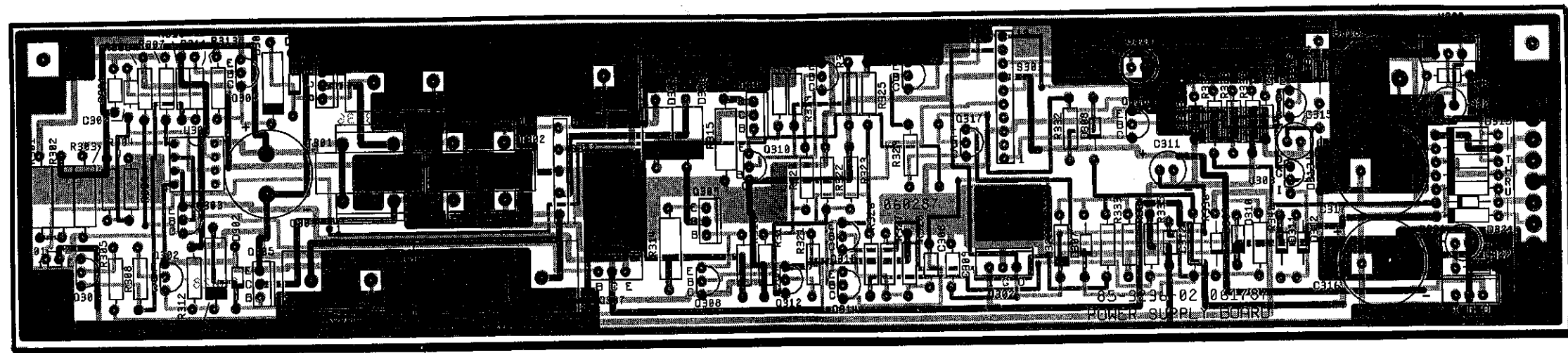
CIRCUIT BOARD X-RAY VIEWS

NOTE: To find the PART NUMBER of a component for the purpose of ordering a replacement part:

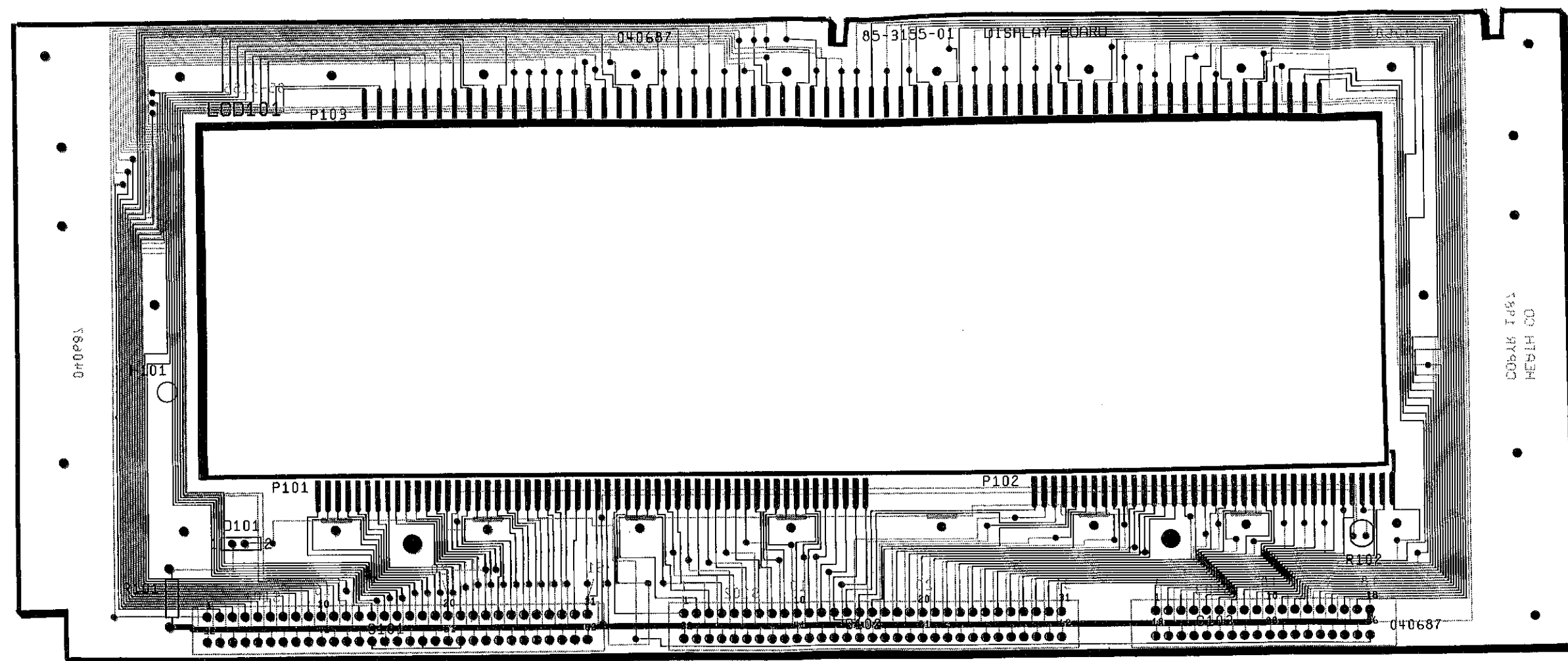
- A. Find the circuit component number (R412, C418, etc.) on the "X-Ray View."
- B. Locate this same number in the "Circuit Component Number" column of the "Parts List."
- C. Adjacent to the circuit component number, you will find the PART NUMBER and DESCRIPTION which must be supplied when you order a replacement part.



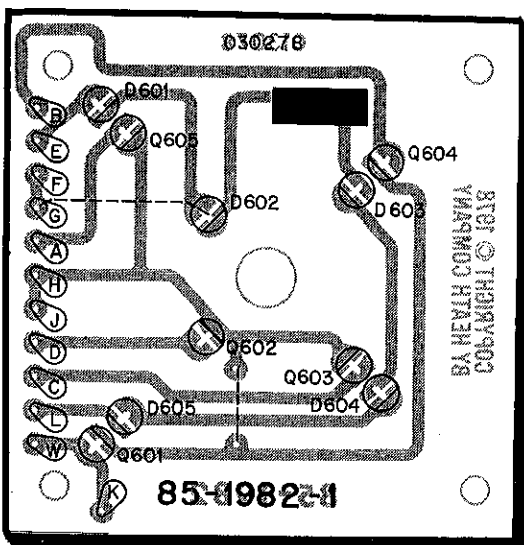
MAIN CIRCUIT BOARD
(Shown from the component side. The foils on the component side are shown in red.)



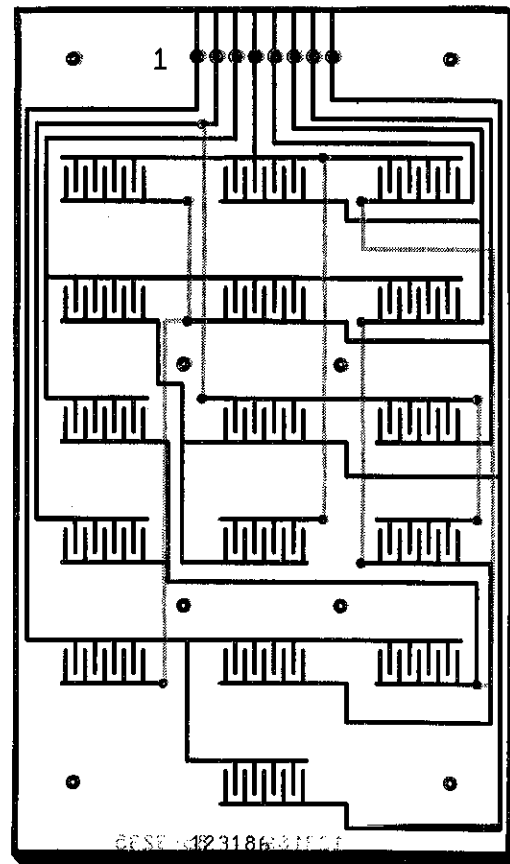
POWER SUPPLY CIRCUIT BOARD
(Shown from the component side. The foils on the)
component side are shown in red.)



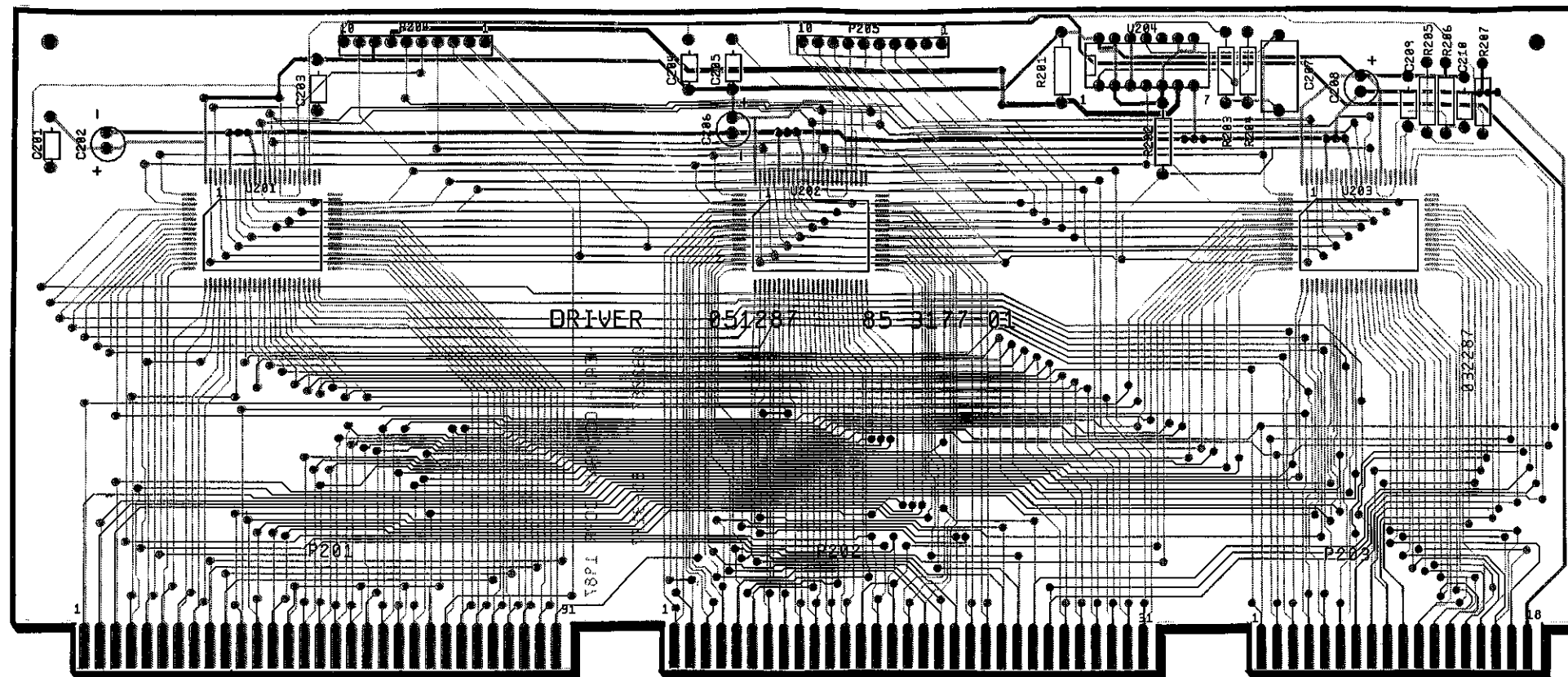
DISPLAY CIRCUIT BOARD
 (Shown from the component side. The foils on the)
 component side are shown in red.)



WIND SENSOR CIRCUIT BOARD
(Shown from component side.)





KEYBOARD CIRCUIT BOARD
(Shown from the component side. The foils on the component side are shown in red.)



DISPLAY DRIVER CIRCUIT BOARD
 (Shown from the component side. The foils on the
 component side are shown in red.)

SCHEMATIC NOTES

NOTE:

1. Component numbers are in the following groups:
 - 1–99 Parts mounted on the chassis.
 - 101–199 Parts mounted on the display circuit board.
 - 201–299 Parts mounted on the display driver circuit board.
 - 301–399 Parts mounted on the power supply circuit board.
 - 401–499 Parts mounted on the main circuit board.
 - 701–799 Parts mounted on the sensor circuit boards.
2. All resistors are rated at 1/4-watt and have a 5% tolerance unless otherwise noted. Resistor values are in ohms ($k = 1000$; $M = 1,000,000$).
3. Capacitor values less than 1 are in μF (microfarads). All other capacitors are in pF (picofarads) unless otherwise noted.
4.  This symbol indicates circuit board ground.
5.  This symbol indicates chassis ground.
6. Refer to the "Circuit Board X-Ray Views" for the physical location of parts.