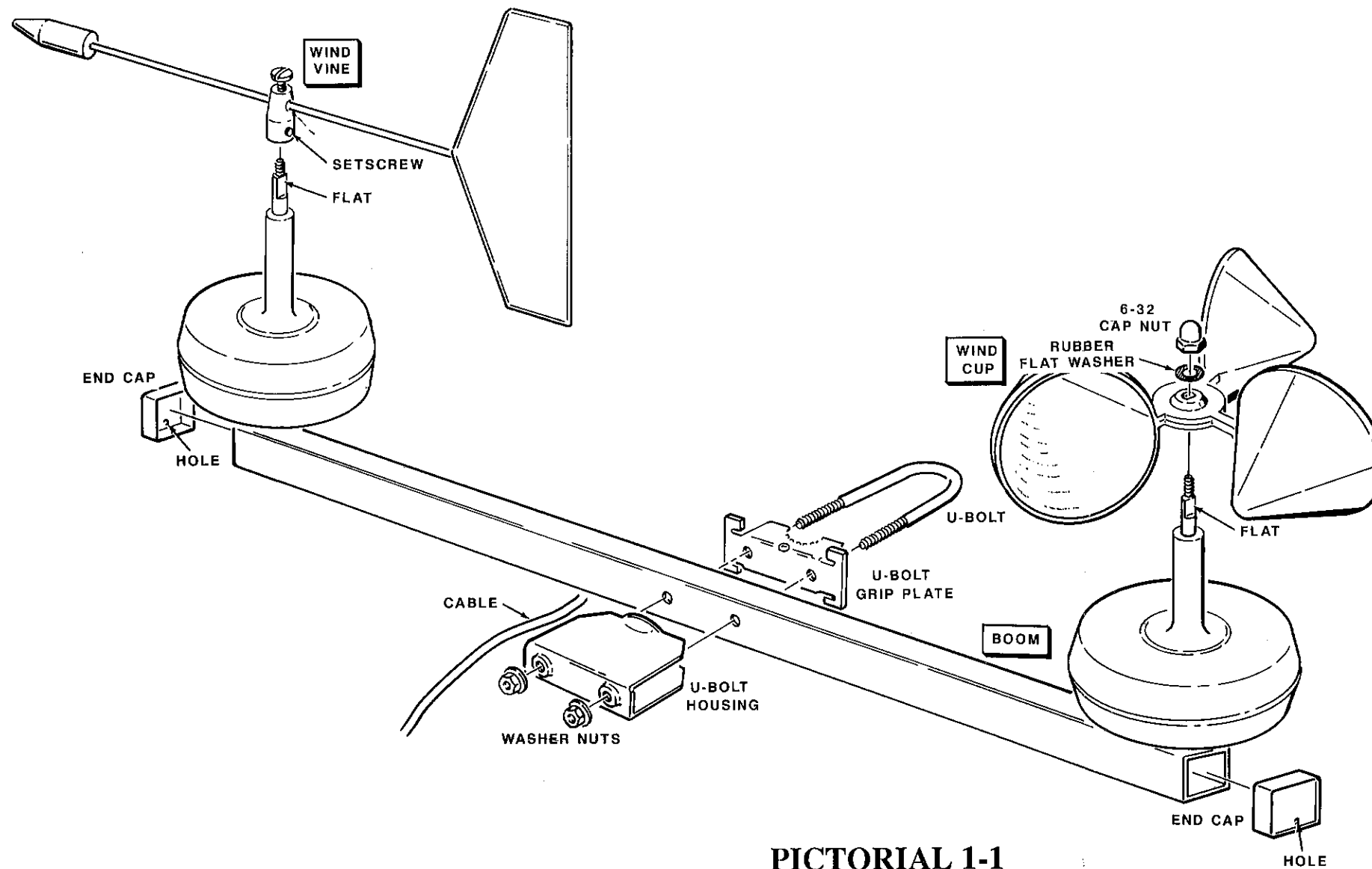
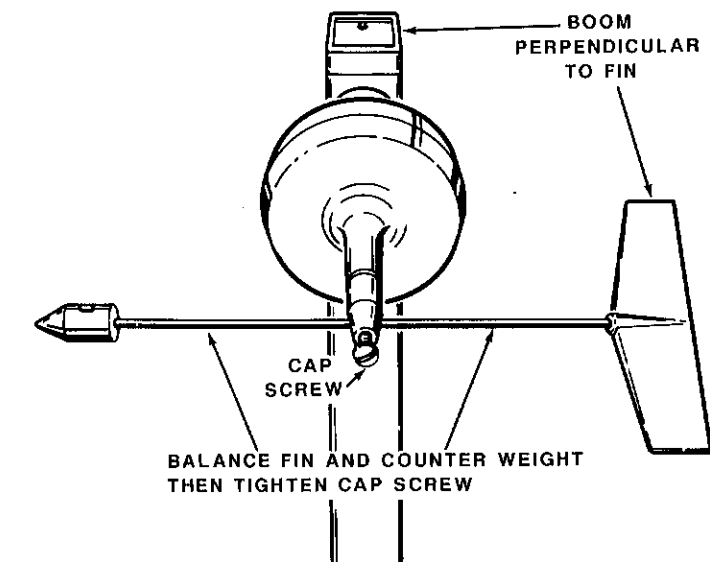


# ILLUSTRATION BOOKLET

Part of 595-4927



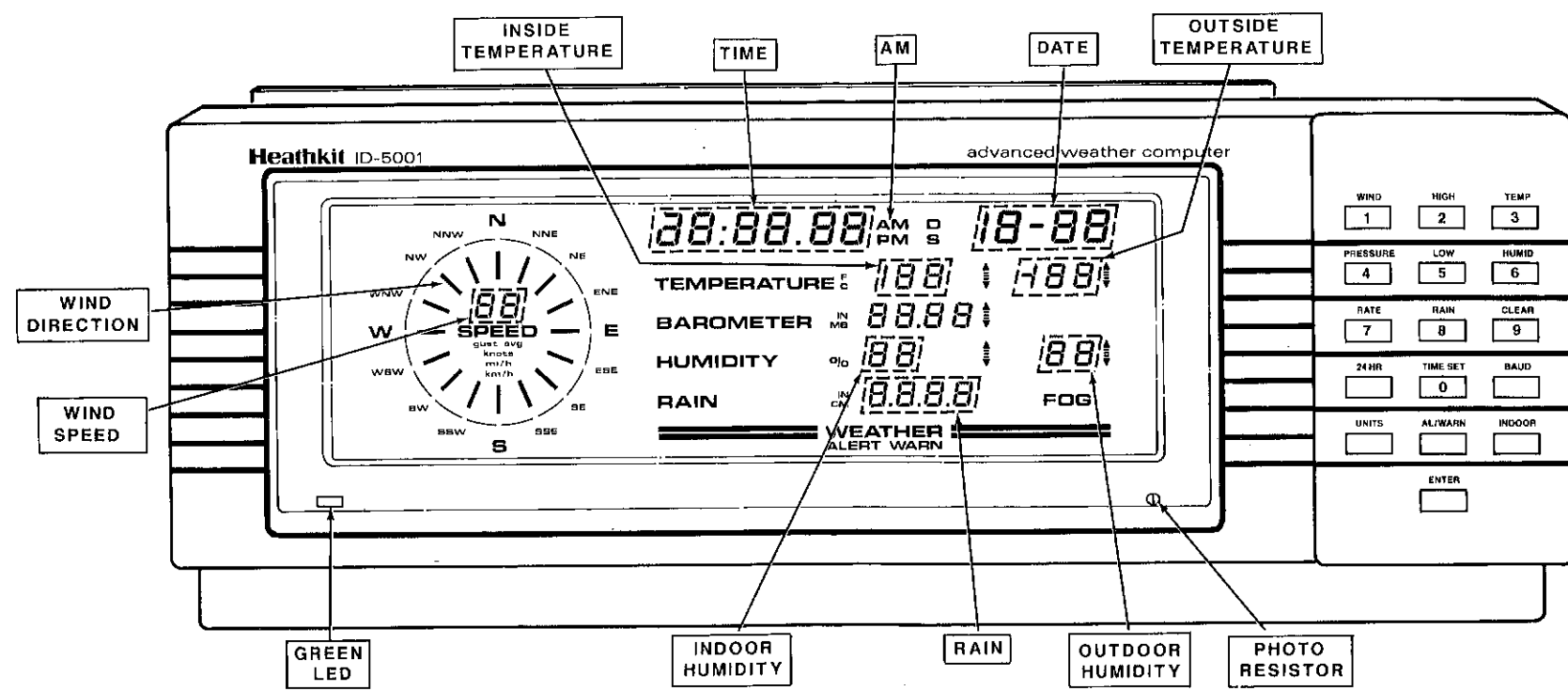
PICTORIAL 1-1



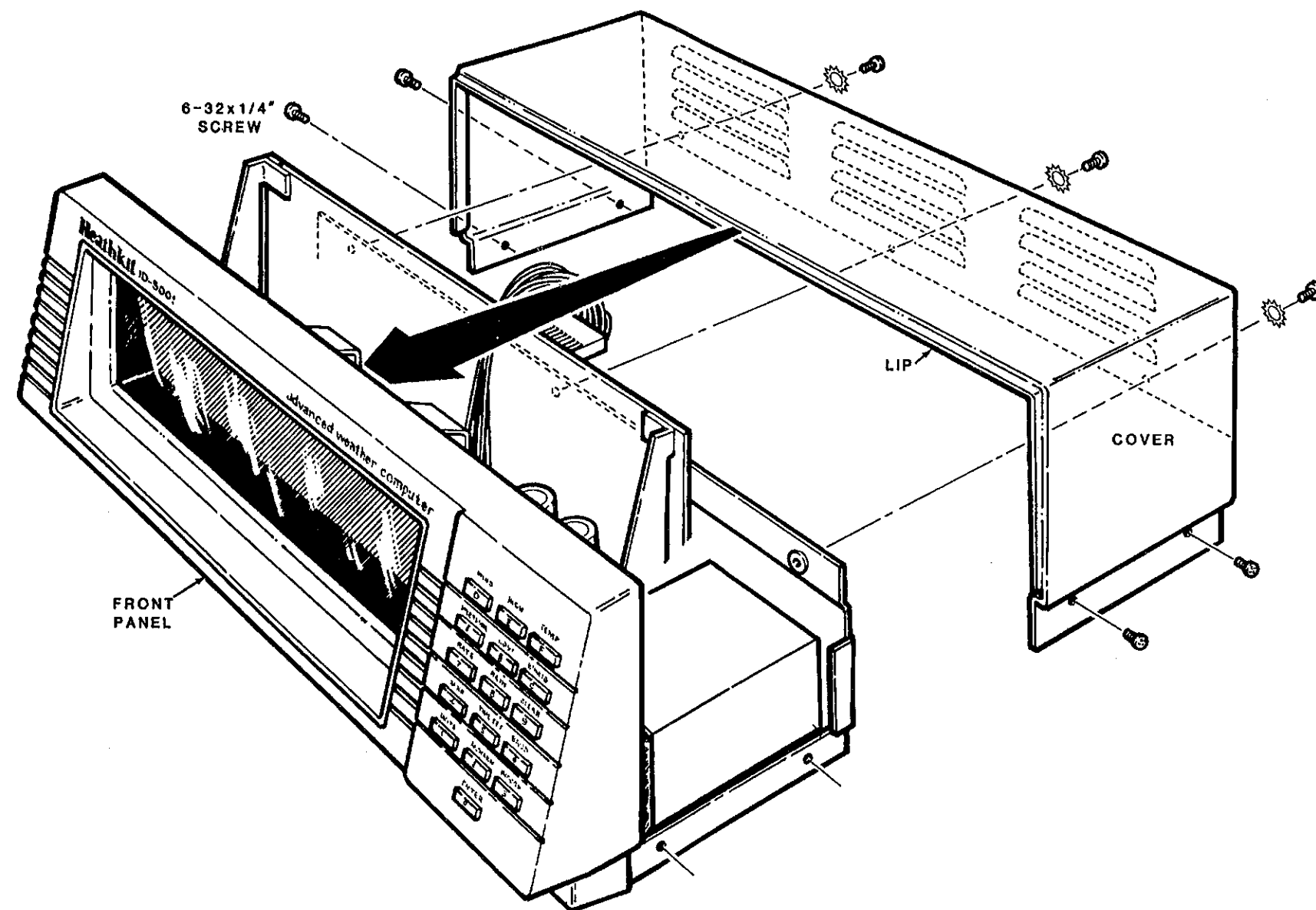
PICTORIAL 1-2

IDW-5001-C

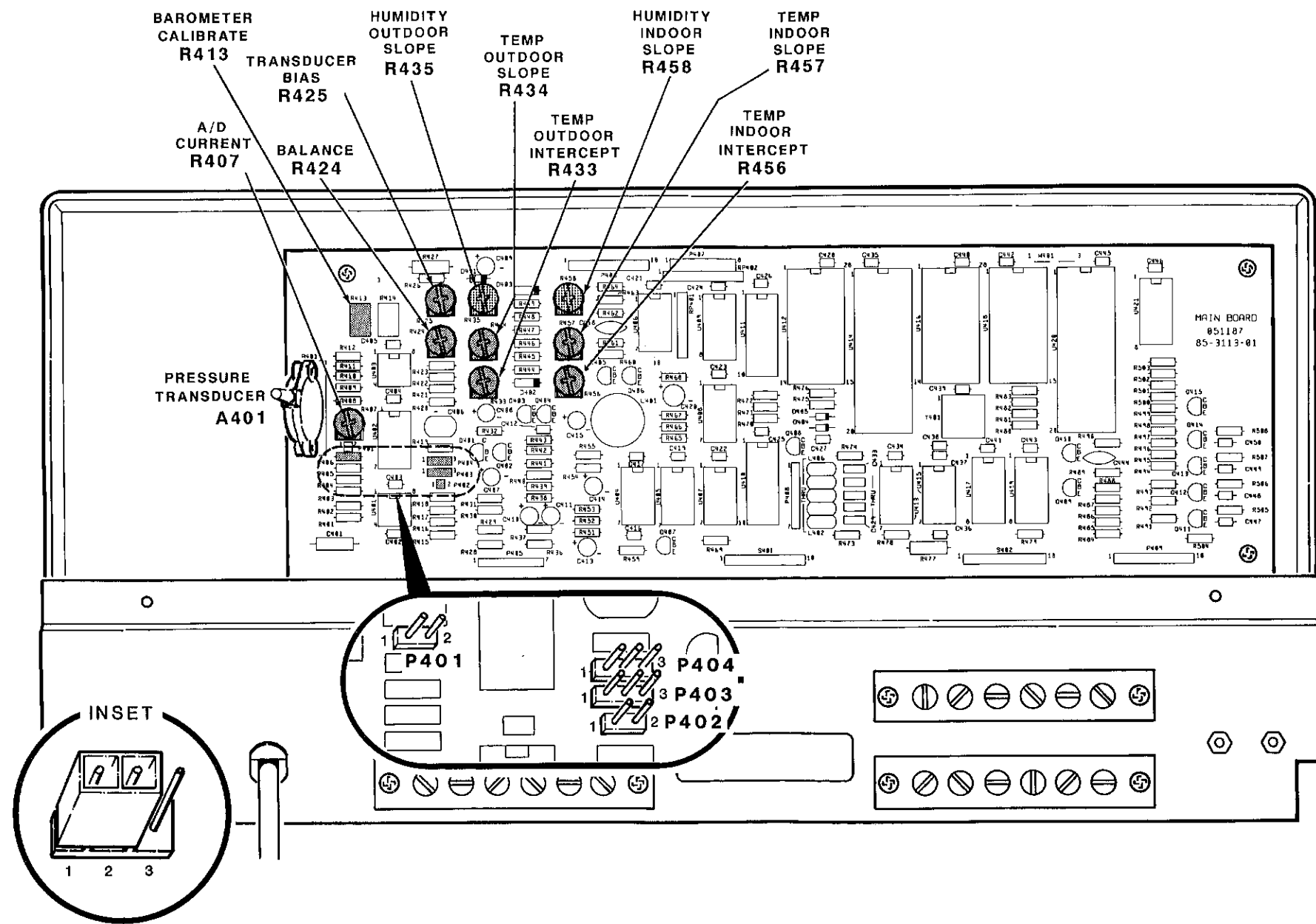
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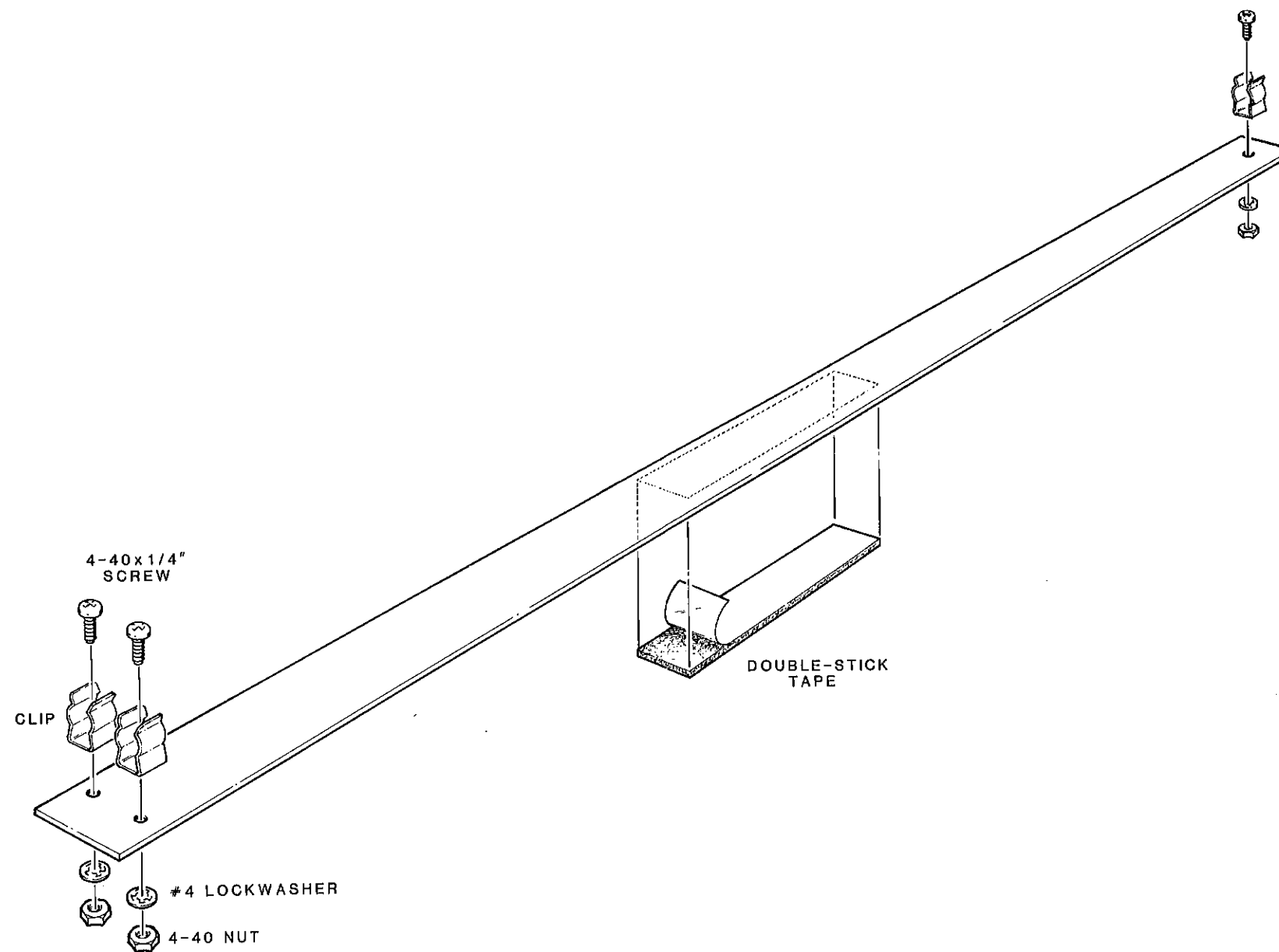
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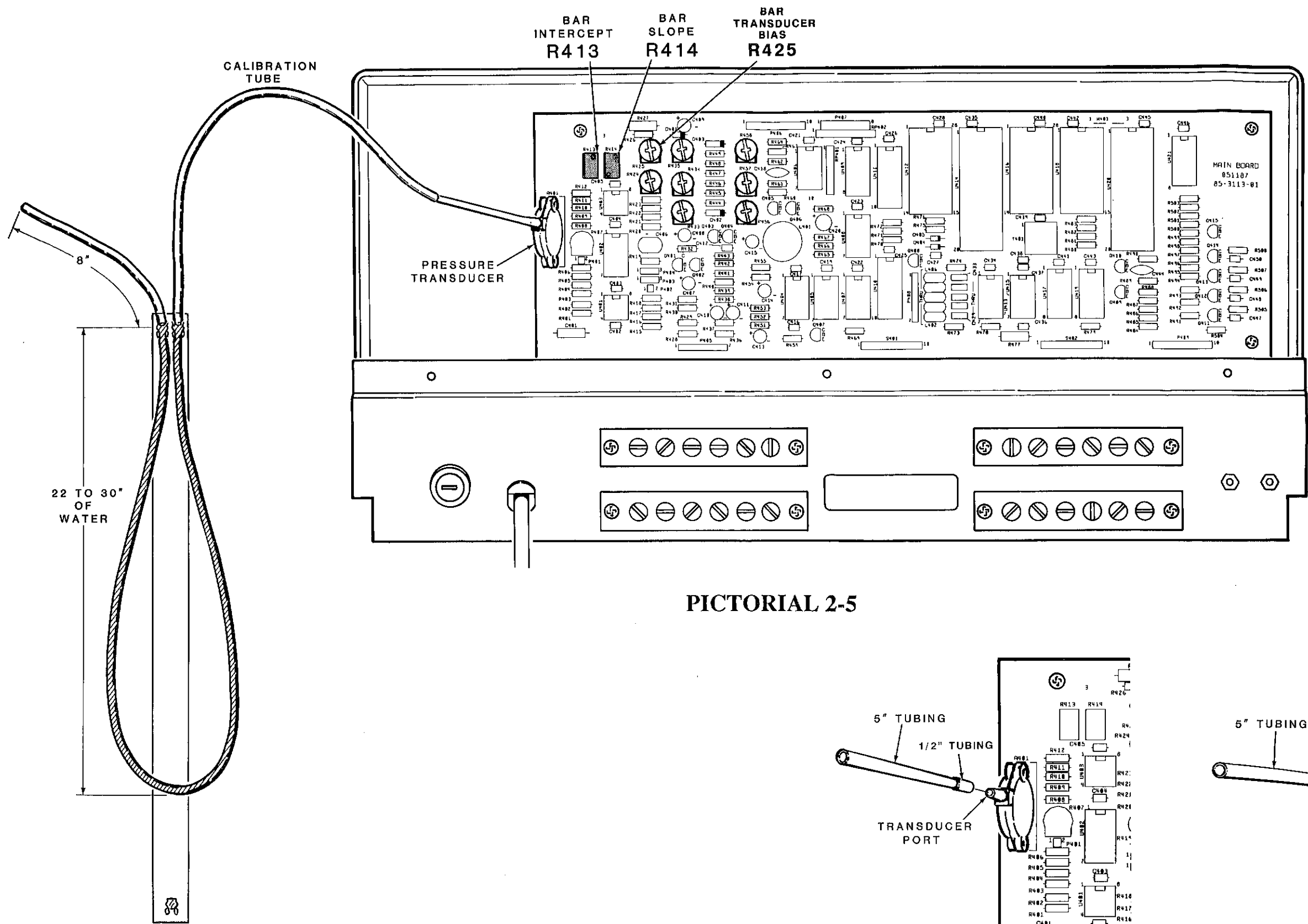
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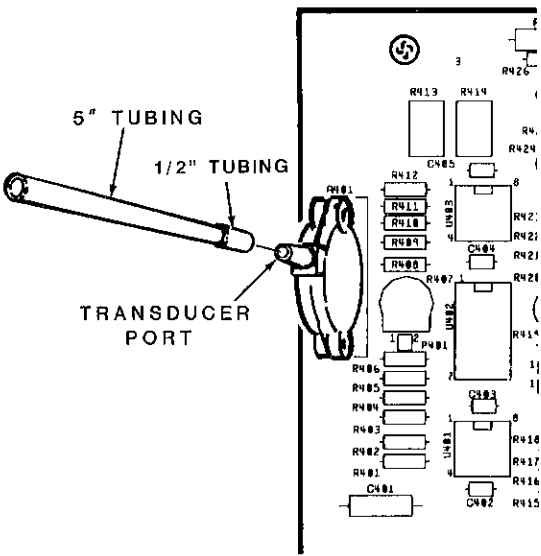
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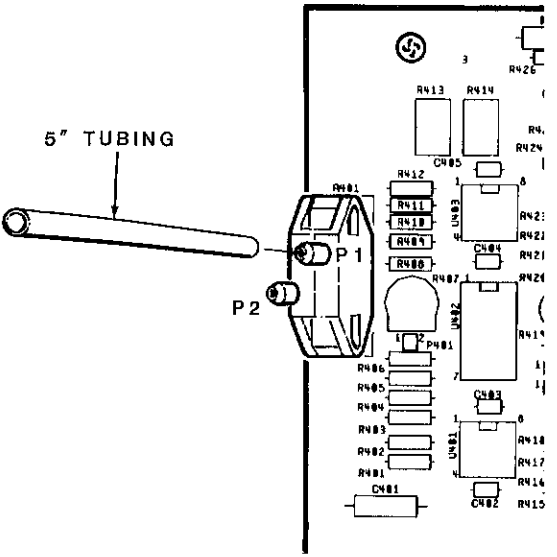
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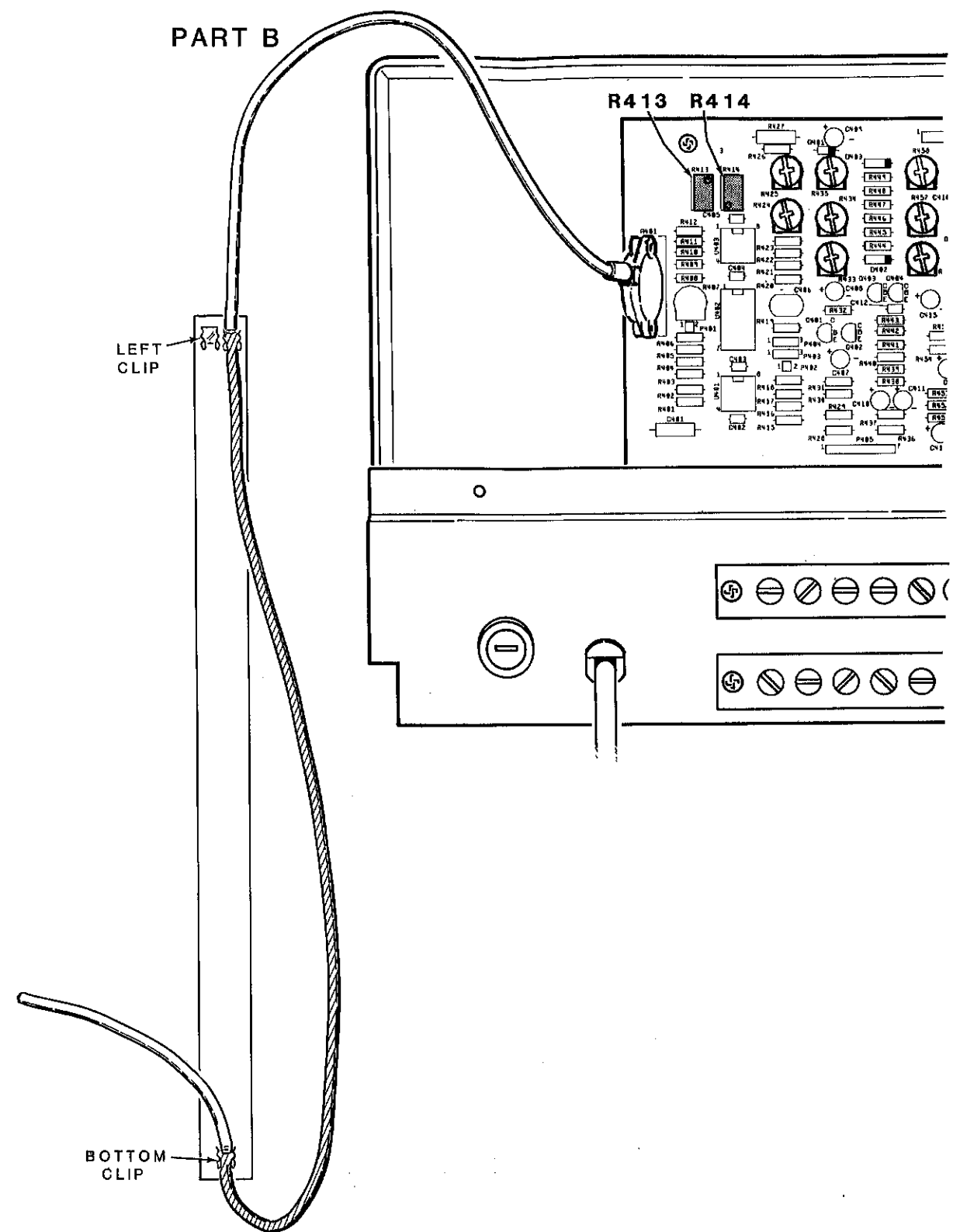
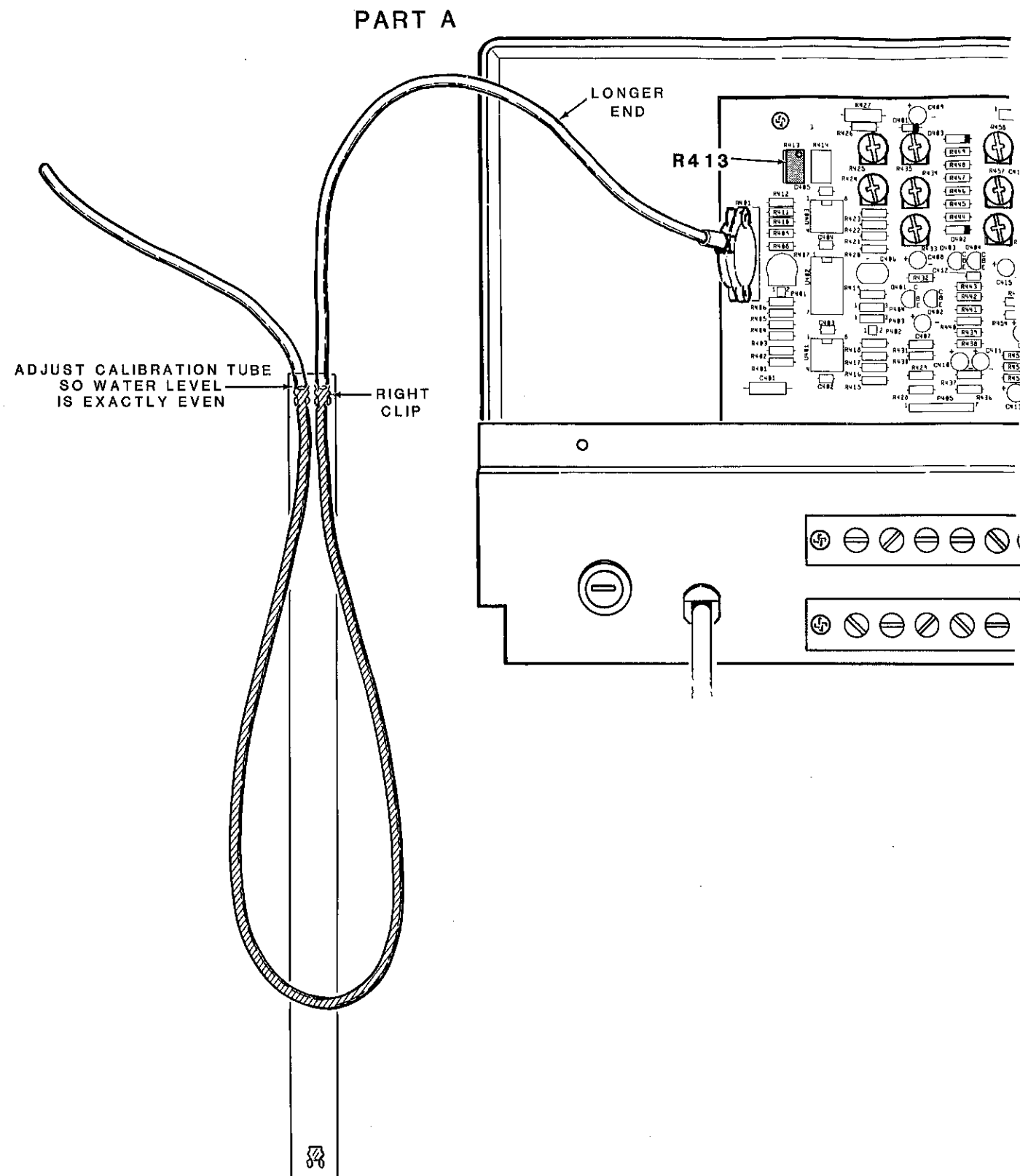
PICTORIAL 2-5



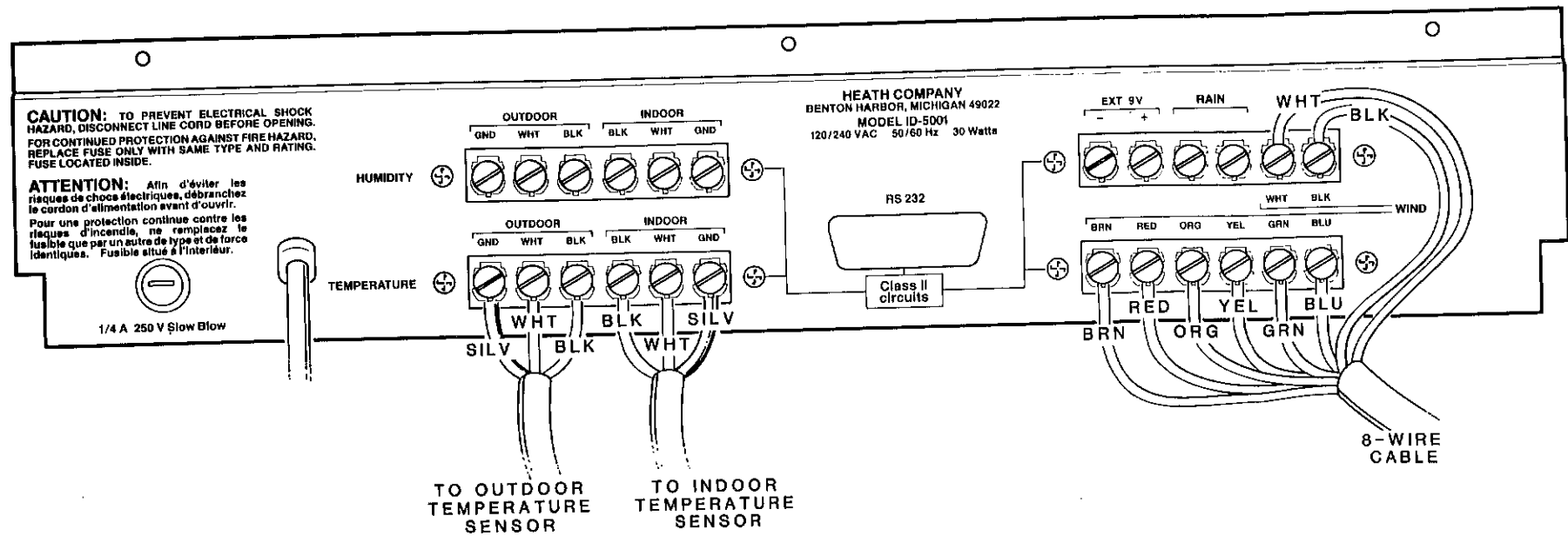
Detail 2-5A



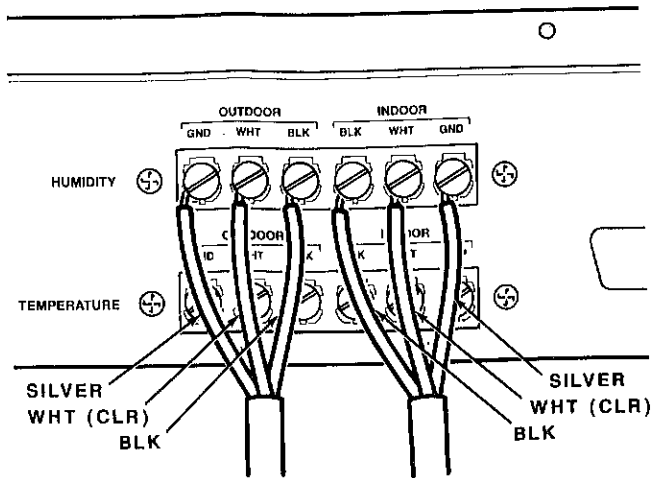
Detail 2-5B



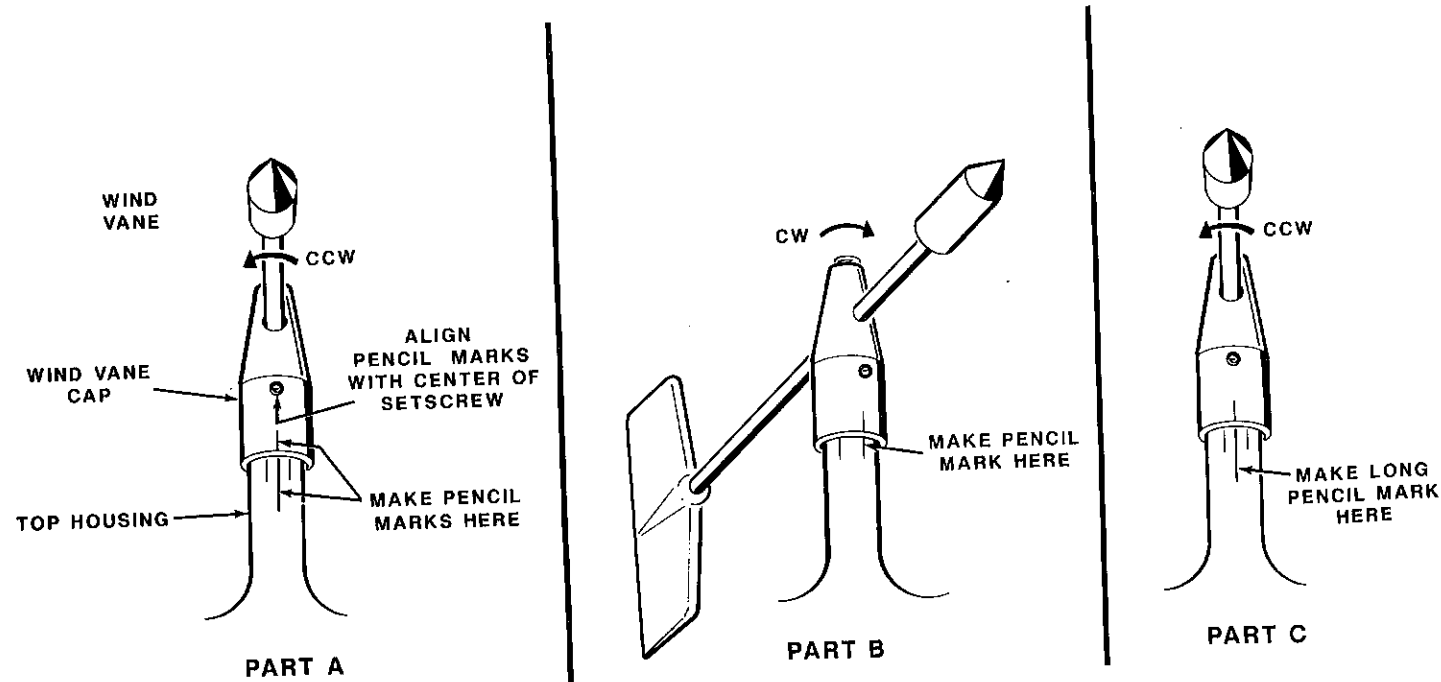
**PICTORIAL 2-6**



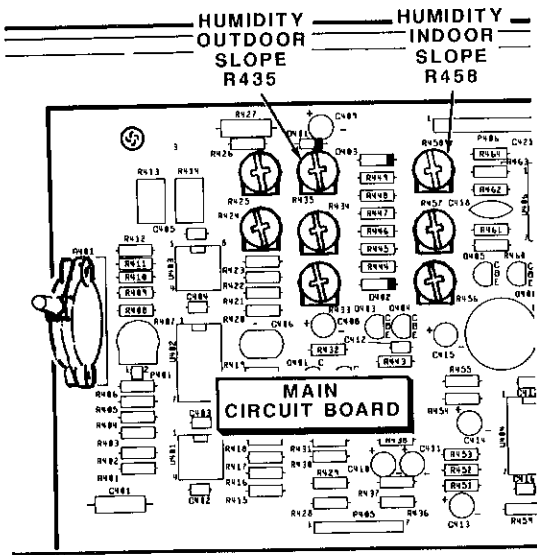
PICTORIAL 2-7



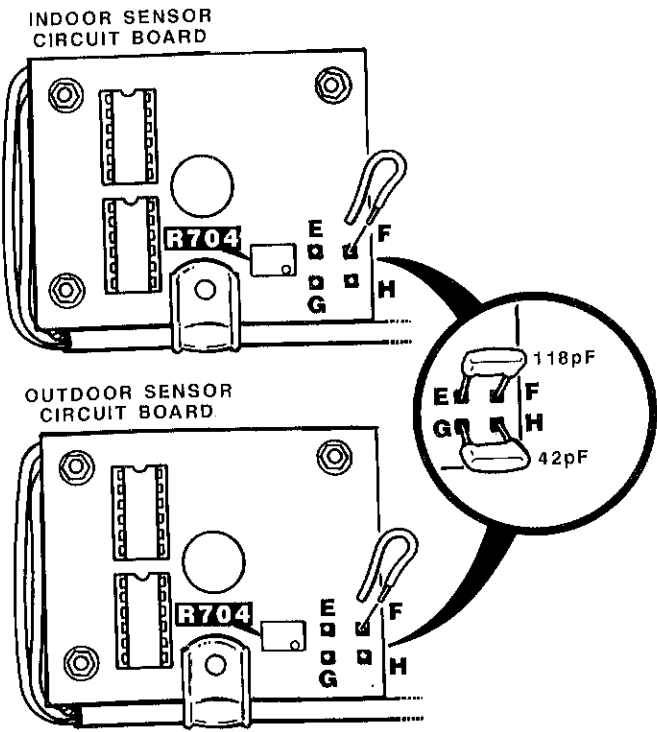
PICTORIAL 2-9



PICTORIAL 2-8

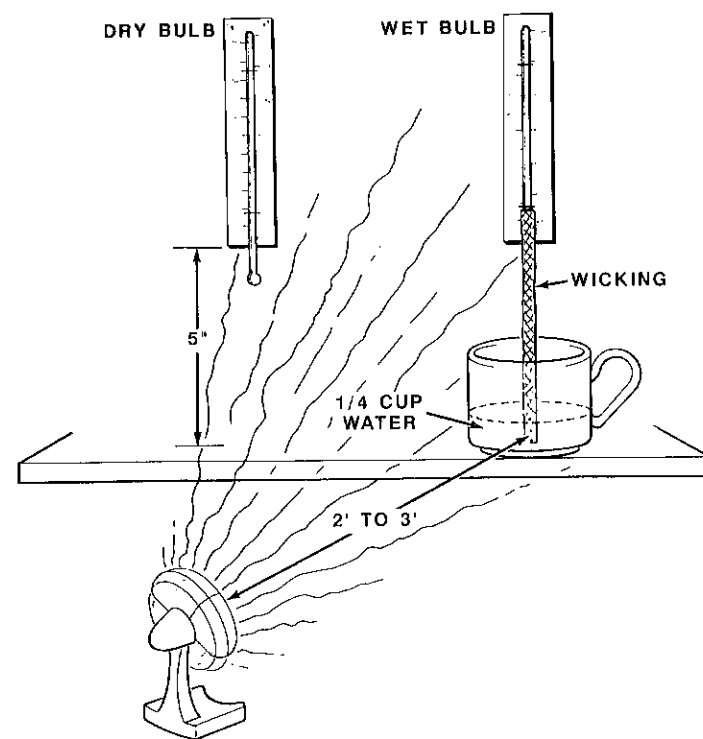


PICTORIAL 2-10

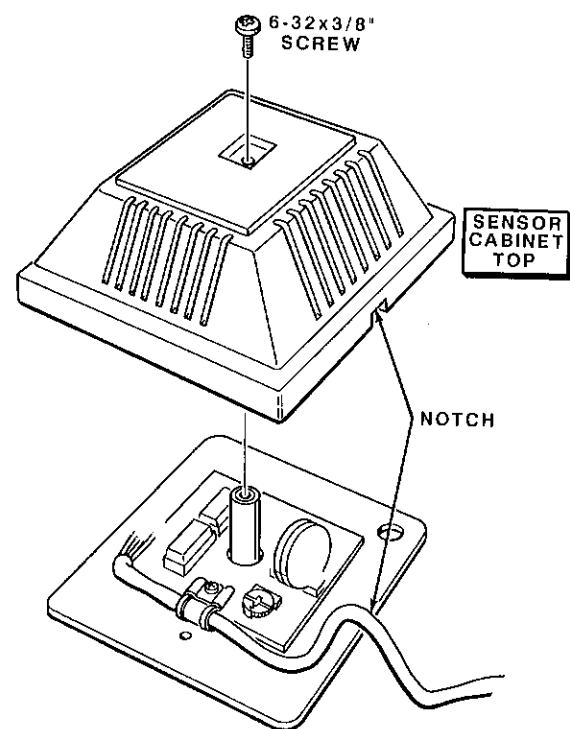


PICTORIAL 2-11

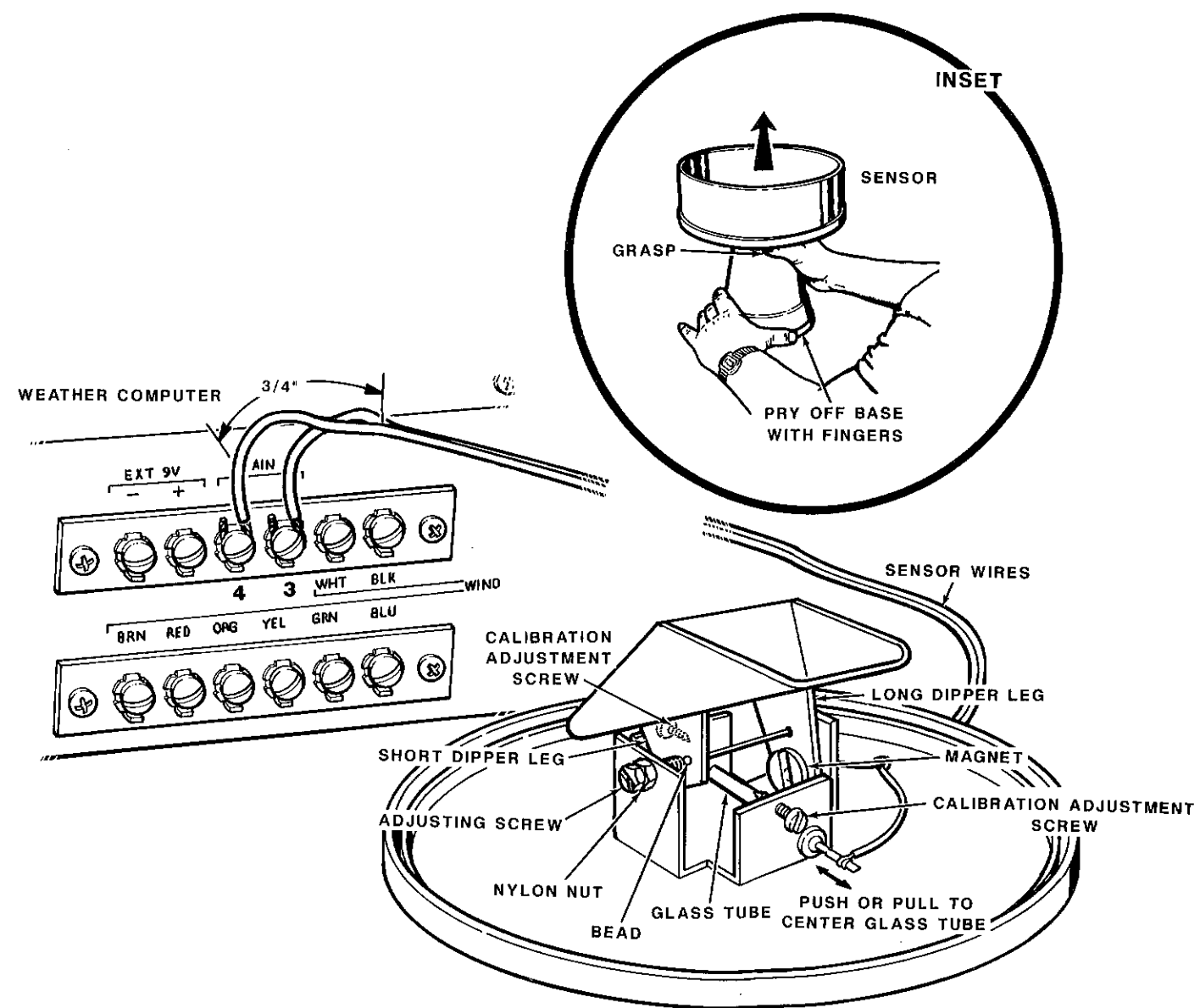




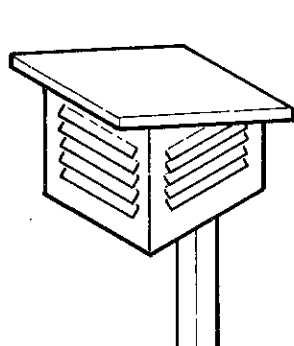
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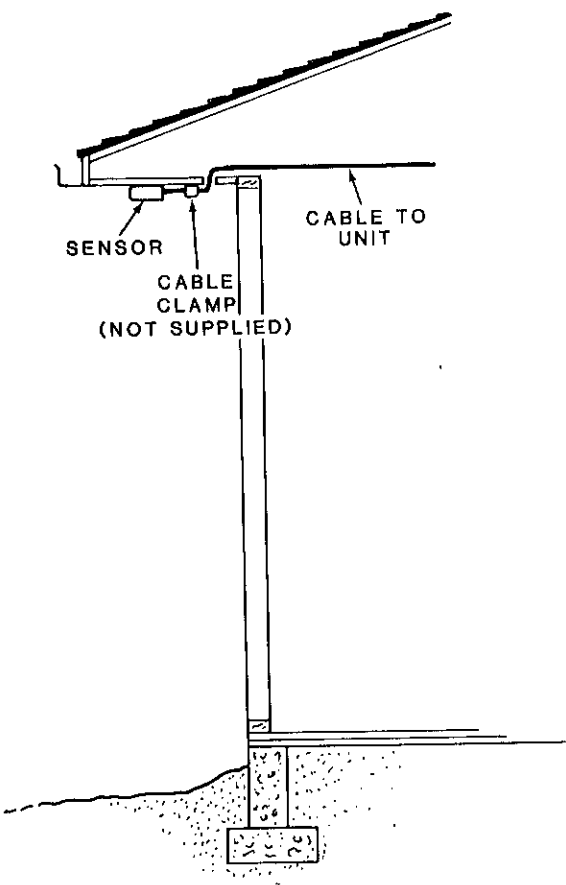
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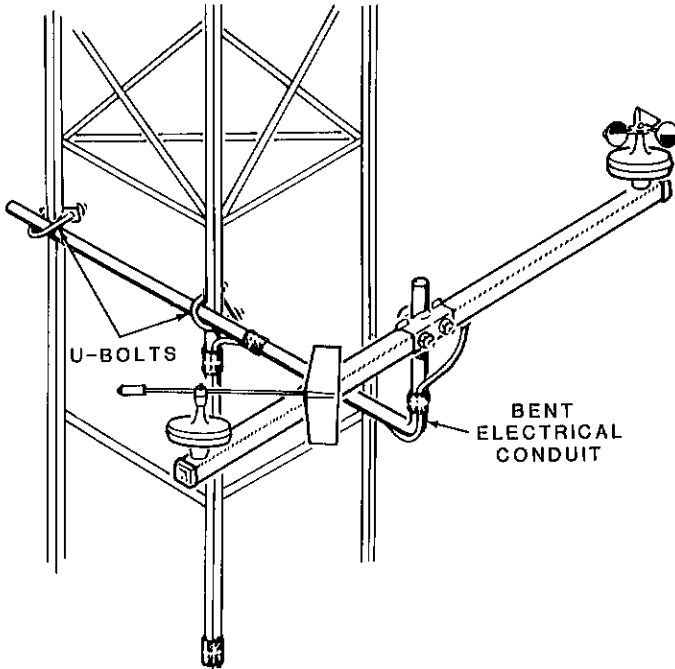
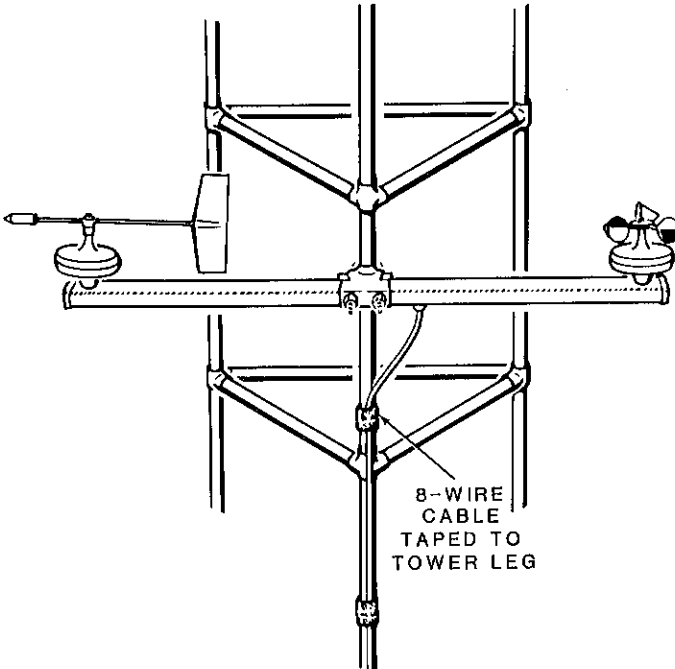
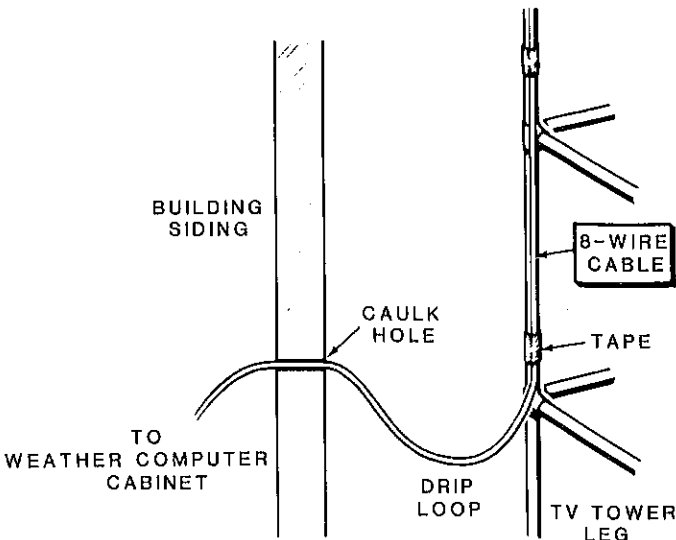
PICTORIAL 2-14



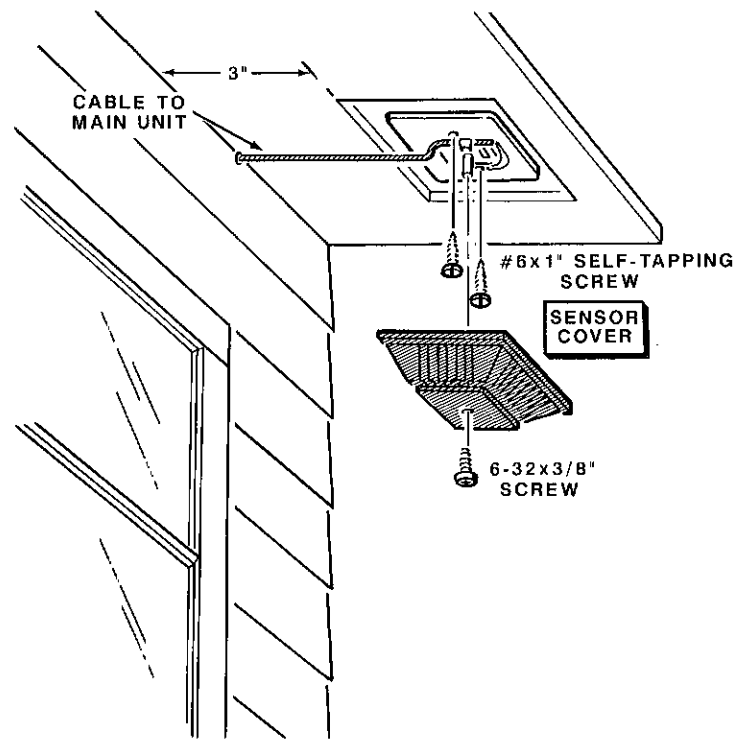
PICTORIAL 3-1



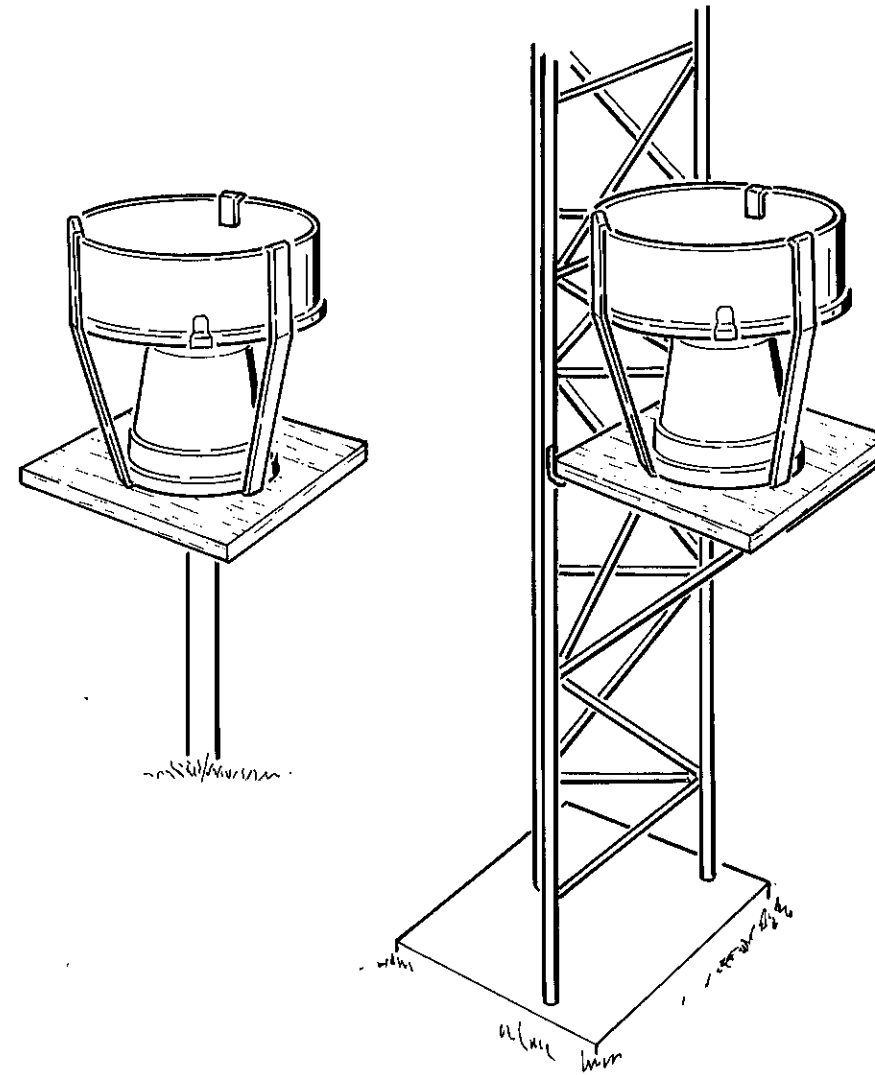
PICTORIAL 3-2



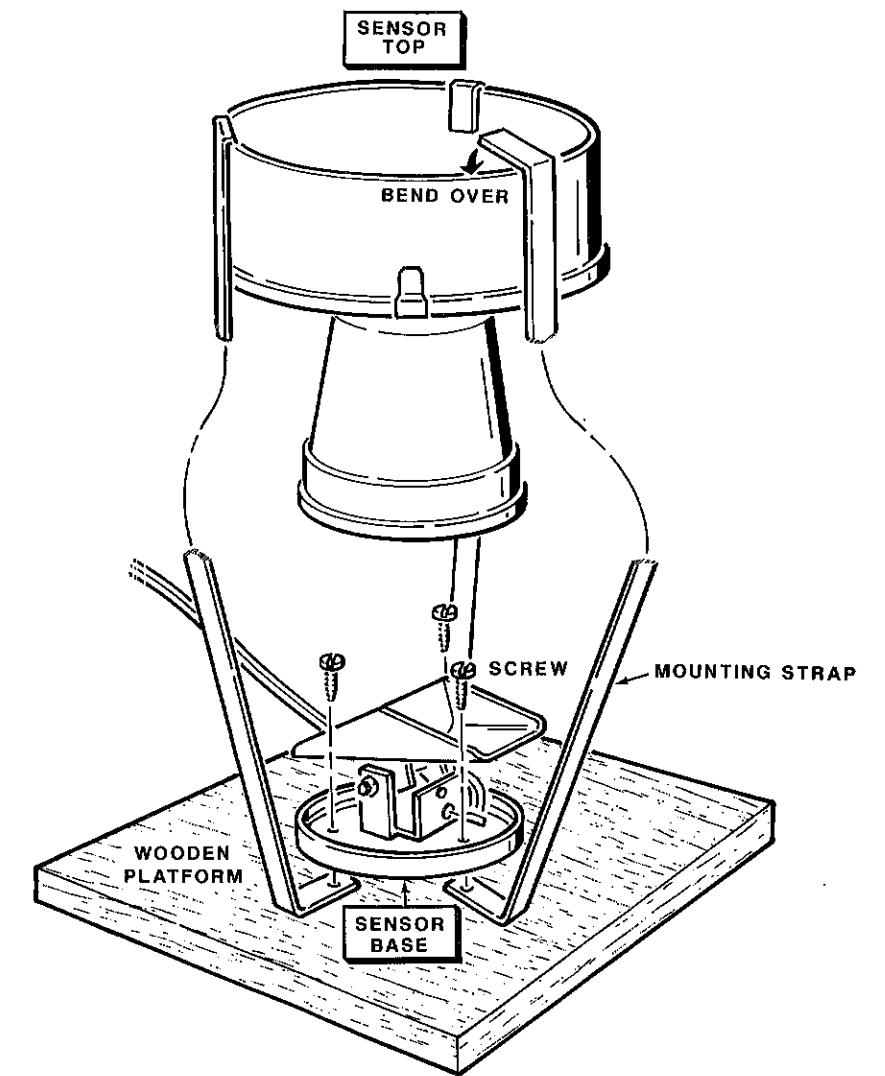
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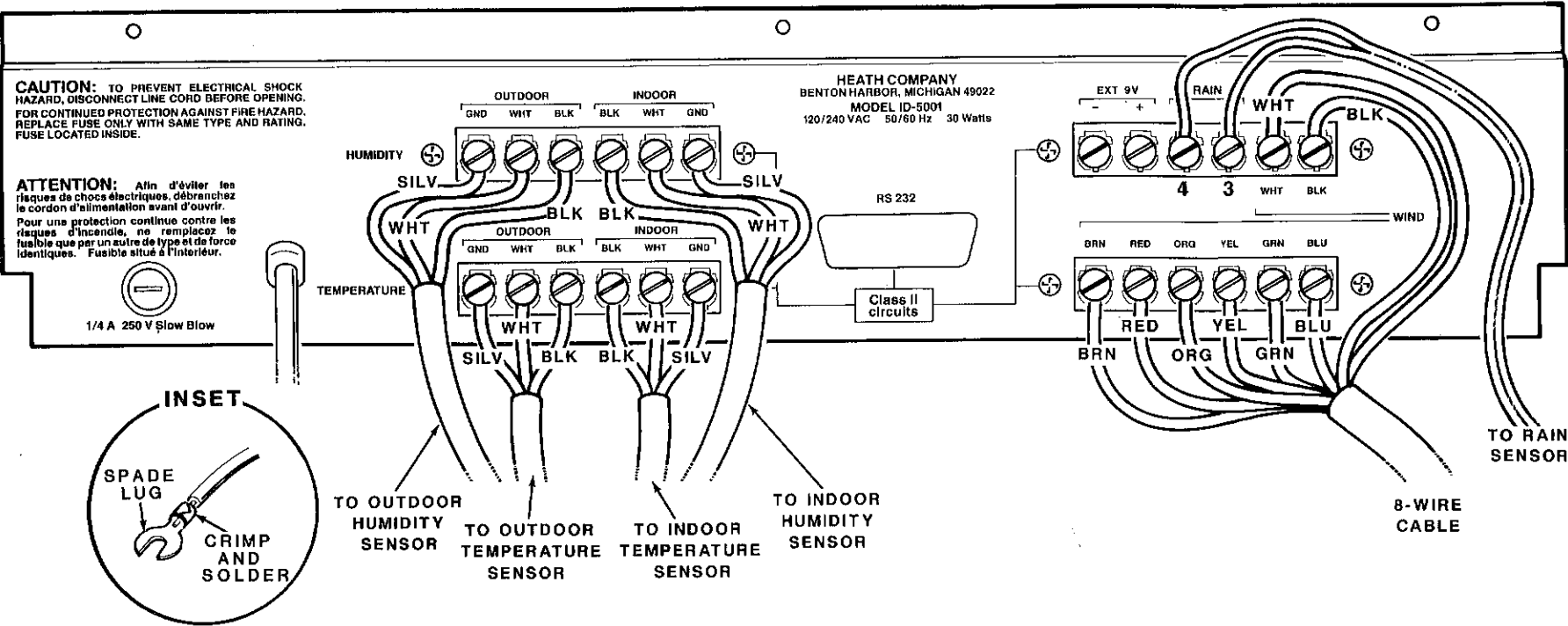
PICTORIAL 3-4



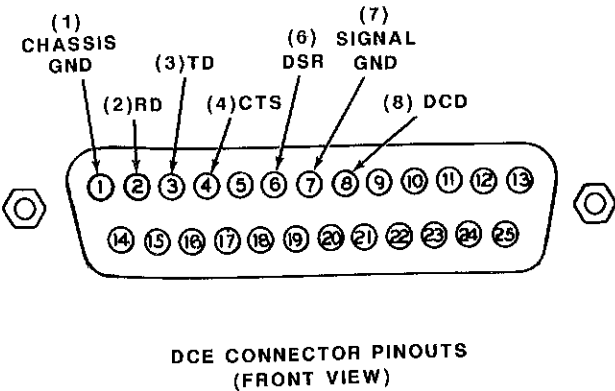
PICTORIAL 3-5



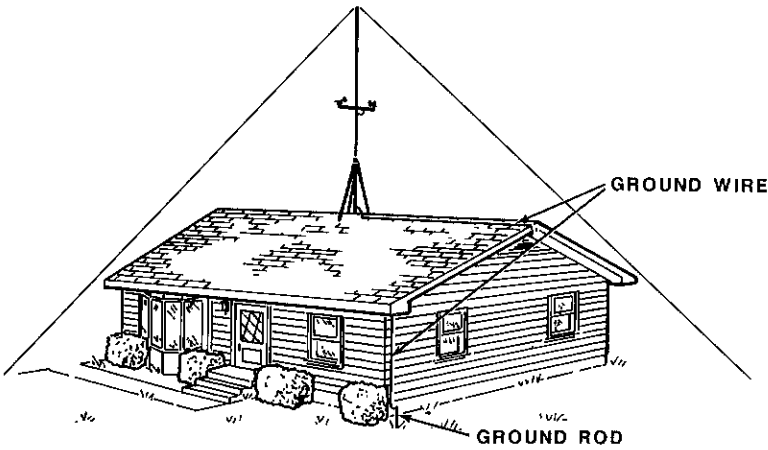
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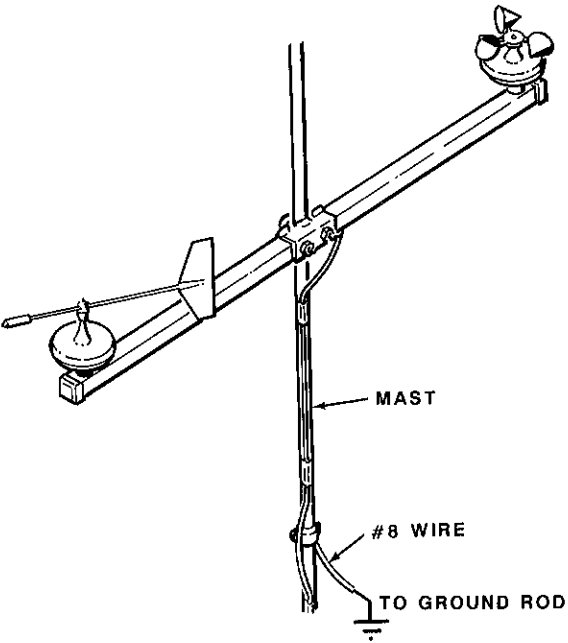
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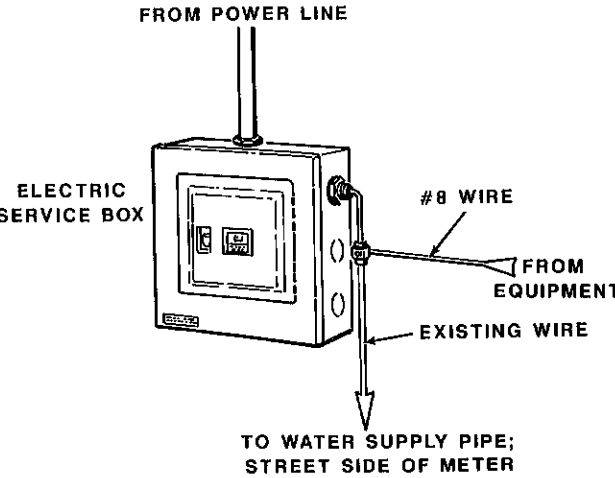
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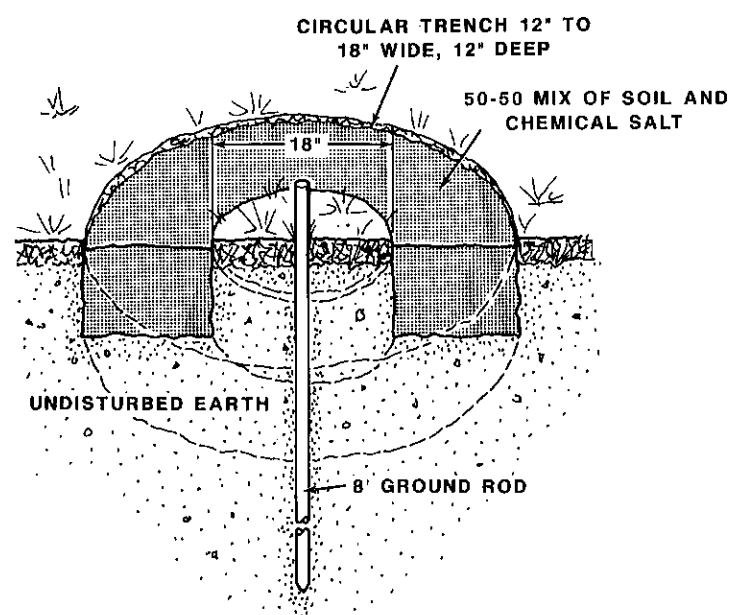
PICTORIAL 3-9



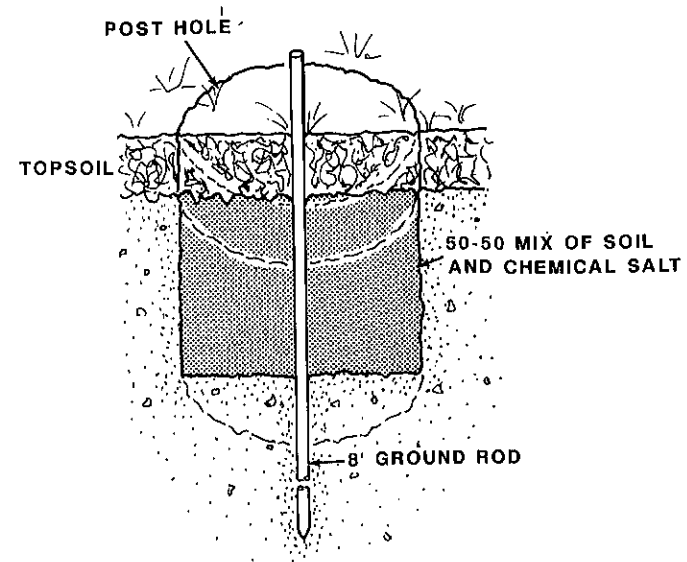
PICTORIAL 3-10



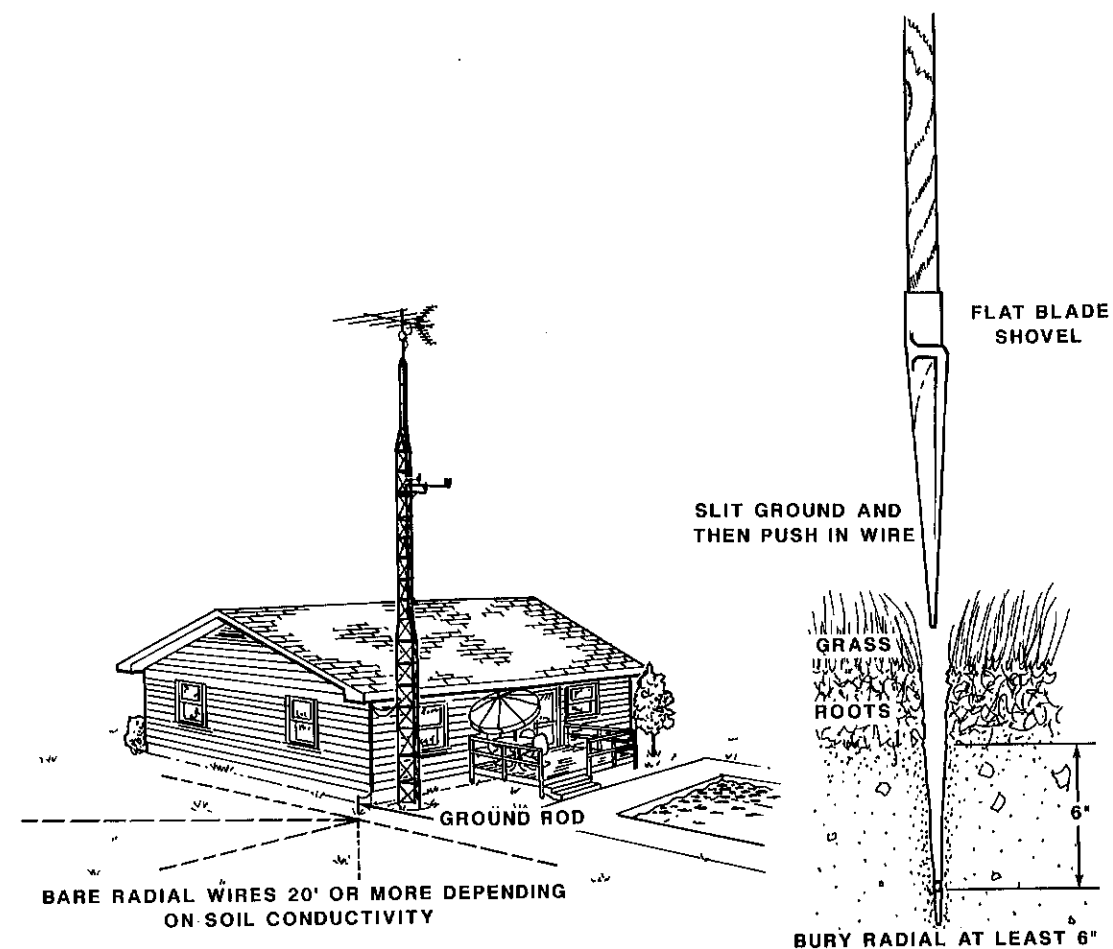
PICTORIAL 3-11



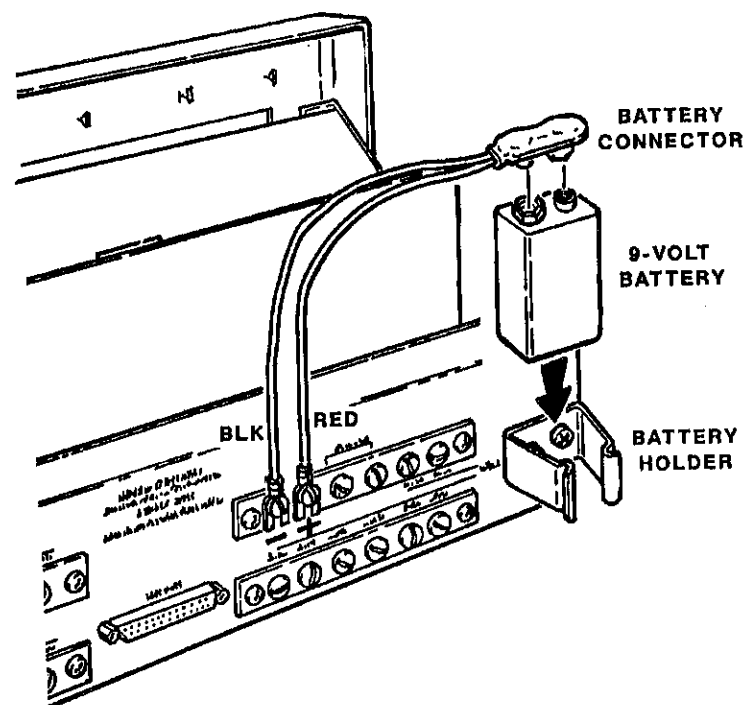
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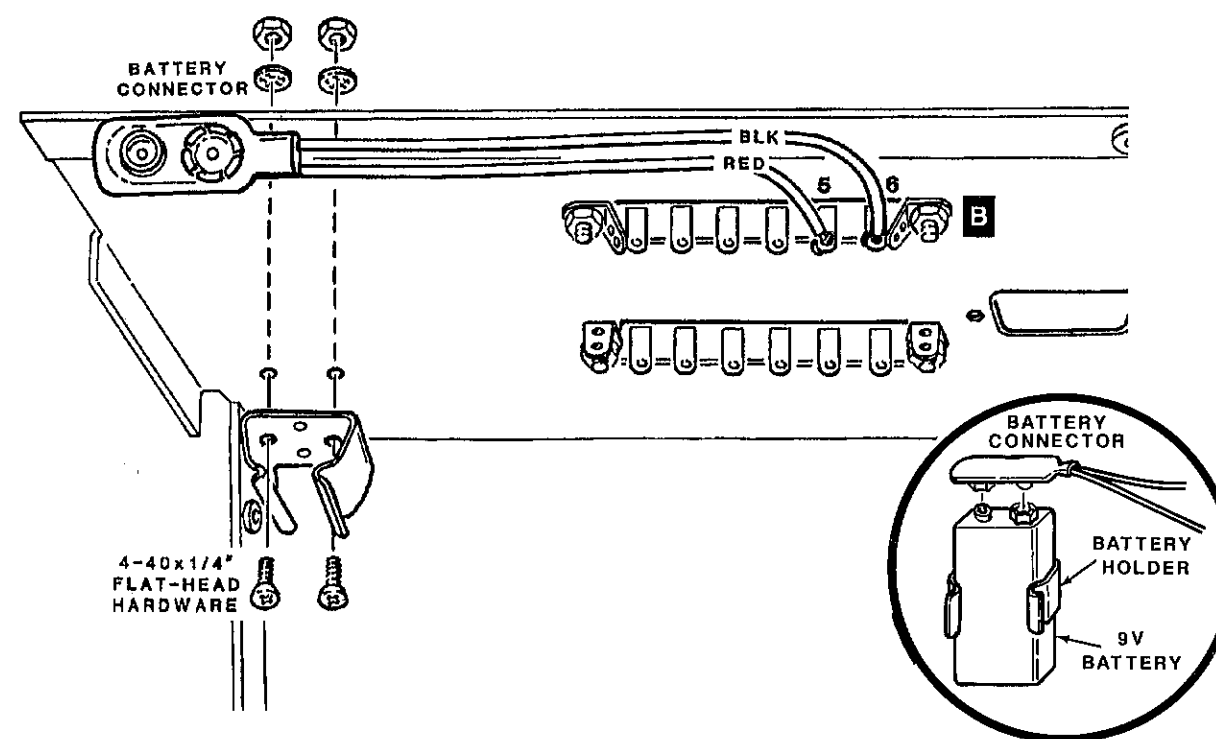
PICTORIAL 3-13



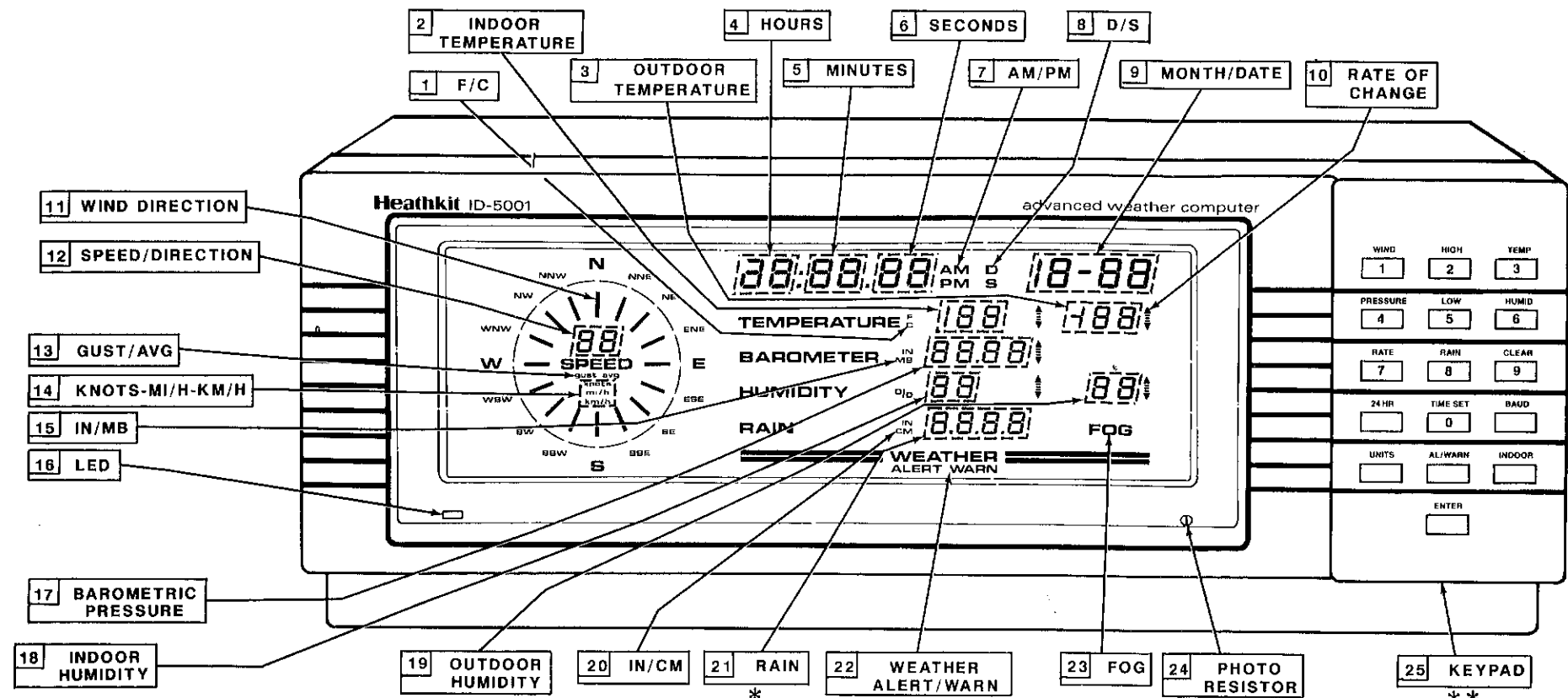
PICTORIAL 3-14



PICTORIAL 3-15



PICTORIAL 3-16



1. F/C — Indicates whether the displayed temperature is in degrees Fahrenheit (F) or degrees Celsius.

2. INDOOR TEMPERATURE — Indicates the indoor temperature.

3. OUTDOOR TEMPERATURE — Indicates the outdoor temperature.

4. HOURS — Indicates the hours (0 - 12 format, or 0 - 23 for 24-hour format).

5. MINUTES — Indicates the minutes (0 - 59).

6. SECONDS — Indicates the seconds (0 - 59). In the set-up mode, it indicates the display intensity (0 - 32).

7. AM/PM — Indicates AM or PM when 12-hour time is displayed, but are absent when 24-hour time is displayed.

8. D/S — Indicates D for daylight savings time or S for standard time. Appears only when you set the time/date section of the display.

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.

10. RATE OF CHANGE — Indicates if the rate of change is rising or falling. NOTE: This rate of change arrow is for outdoor temperature. Identical indications are used for the indoor temperature, barometric pressure, indoor humidity, and outdoor humidity.

11. WIND DIRECTION — Indicates the direction that the wind is coming from when a bar is lit.

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.

13. GUST/AVG — Indicates the wind gust or wind average mode.

14. KNOTS-MI/H-KM/H — Indicates the selected wind speed unit-of-measure.

15. IN/MB — Indicates whether the barometric pressure is being displayed in inches (IN) or millibars (MB).

16. LED — Indicates when AC power is being applied to the Weather Computer.

17. BAROMETRIC PRESSURE — Indicates the barometric pressure.

18. INDOOR HUMIDITY — Indicates the indoor relative humidity in percent (%).

19. OUTDOOR HUMIDITY — Indicates the outdoor relative humidity in percent (%).

20. IN/CM — Indicate whether the amount of rain displayed is being measured in inches (IN) or centimeters (CM).

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.

22. WEATHER ALERT/WARN — Indicates that the rate change for wind speed, barometric pressure, or temperature meet criteria to turn one or both on. Also, the top bar lights only when "ALERT" turns on, while both bars light when "ALERT WARN" turns on.

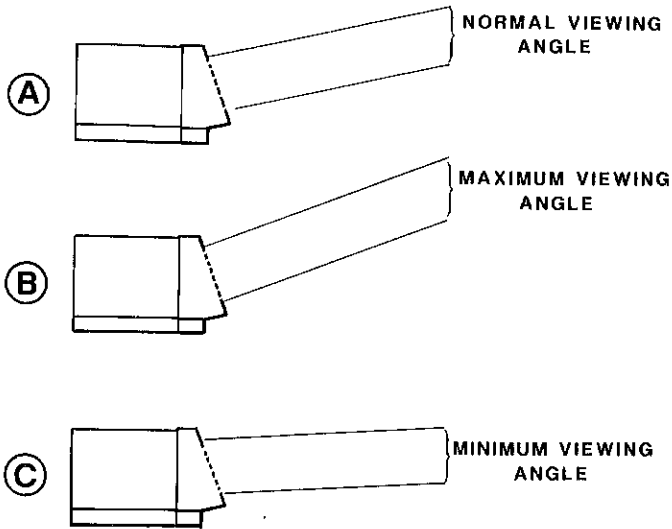
23. FOG — Indicates that the possibility of fog exists.

24. PHOTORESISTOR — Detects the ambient light level and, in turn, controls the display's light intensity.

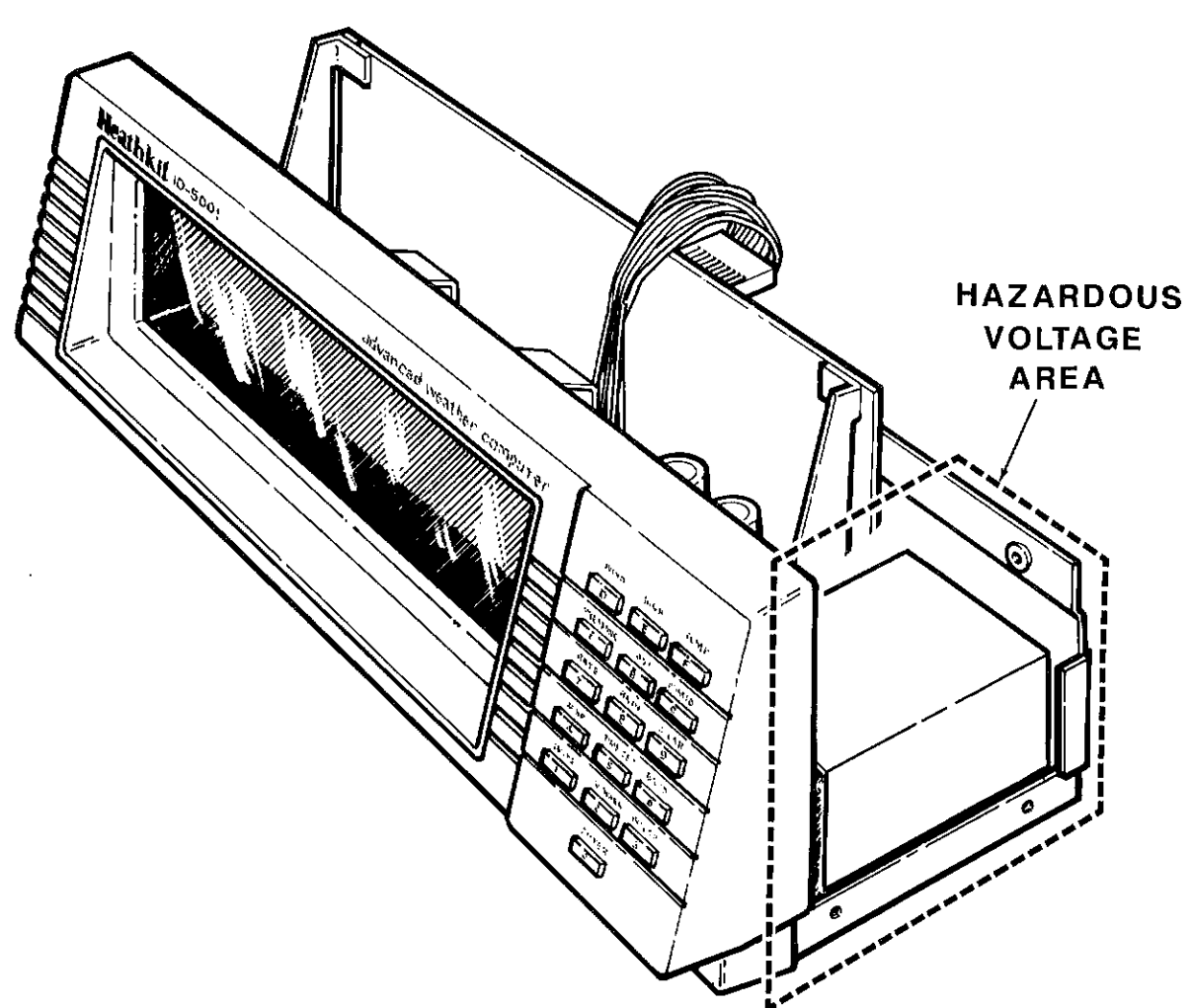
25. KEYPAD\*\*

\* Optional accessory.  
\*\* Refer to the "Operation" section for a detailed explanation of each key.

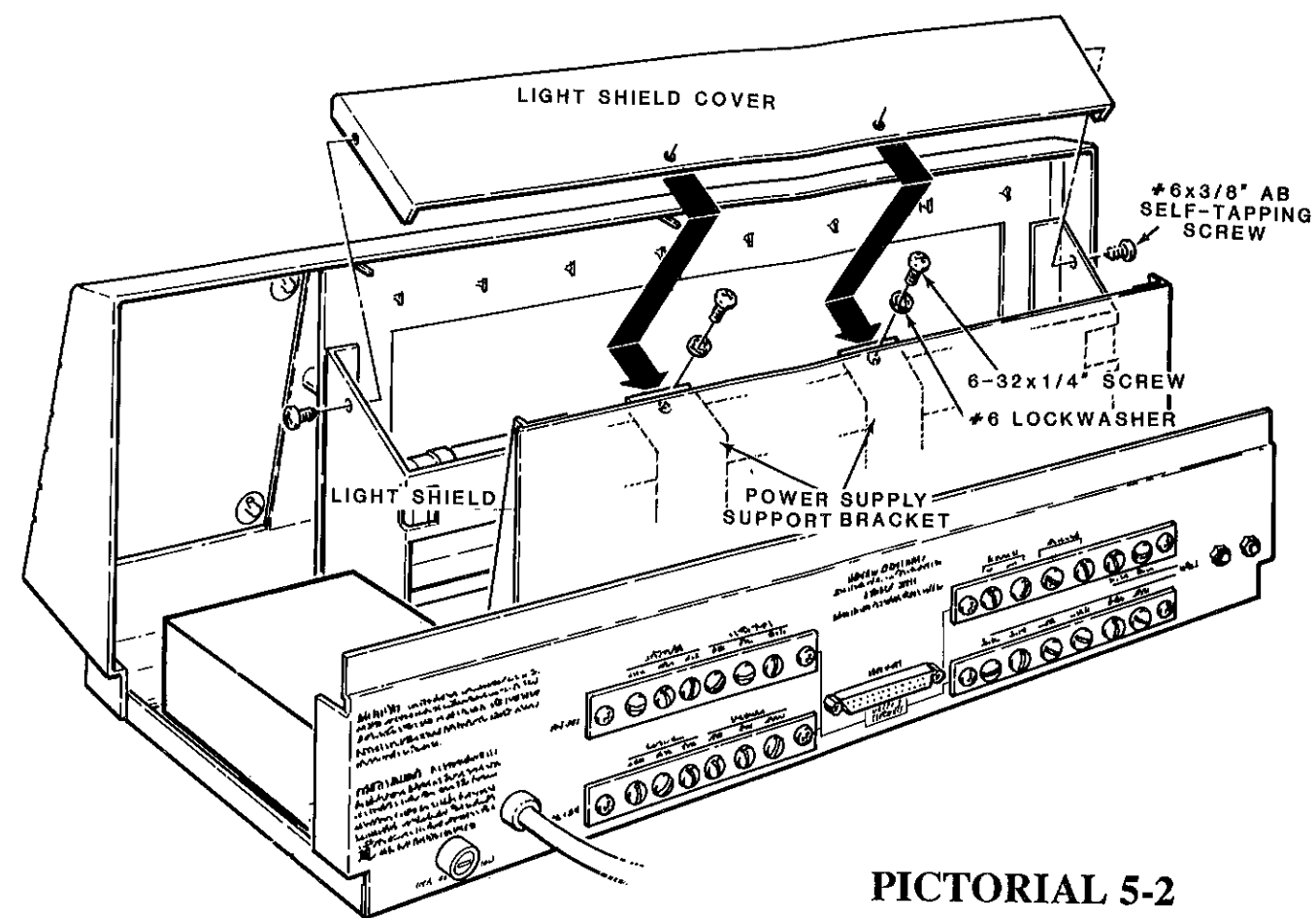
PICTORIAL 4-1



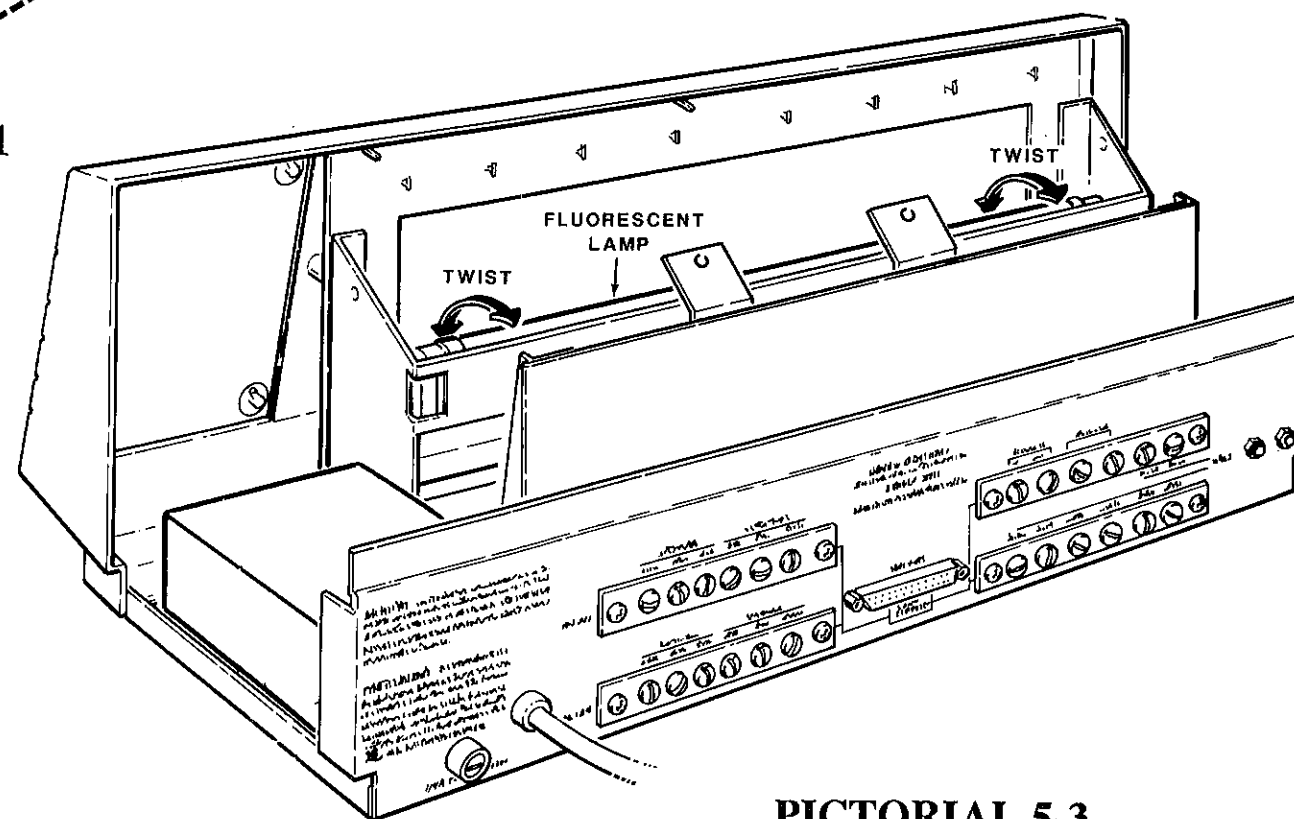
Detail 4-1A



PICTORIAL 5-1



PICTORIAL 5-2



PICTORIAL 5-3

Evaporation Effect Readings °F																																			
	°F	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32		
Dry Bulb Readings °F	65	95	90	85	80	75	70	66	61	56	52	48	44	39	35	31	27	24	20	16	12	9	5	2											
	66	95	90	85	80	75	71	66	61	57	53	48	44	40	36	32	29	25	21	17	14	10	7	3											
	67	95	90	85	80	75	71	66	62	58	53	49	45	41	37	33	30	26	22	19	15	12	8	5	2										
	68	95	90	85	80	76	71	67	63	58	54	50	46	42	38	34	31	27	23	20	16	13	10	6	3										
	69	95	90	85	81	76	72	67	63	59	55	51	47	43	39	35	32	28	24	21	18	14	11	8	5	1									
	70	95	90	85	81	77	72	68	64	59	55	51	48	44	40	36	33	29	25	22	19	15	12	9	6	3									
	71	95	90	86	81	77	72	68	64	60	56	52	48	45	41	37	33	30	27	23	20	17	13	10	7	4	1								
	72	95	91	86	82	77	73	69	65	61	57	53	49	45	42	38	34	31	28	24	21	18	15	12	9	6	3								
	73	95	91	86	82	78	73	69	65	61	57	53	50	46	42	39	35	32	29	25	22	19	16	13	10	7	4	1							
	74	95	91	86	82	78	74	69	65	61	58	54	50	47	43	39	36	33	29	26	23	20	17	14	11	8	5	3							
	75	96	91	86	82	78	74	70	66	62	58	54	51	47	44	40	37	34	30	27	24	21	18	15	12	9	7	4	1						
	76	96	91	87	82	78	74	70	66	62	59	55	51	48	44	41	38	34	31	28	25	22	19	16	13	11	8	5	3						
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	78	96	91	87	83	79	75	71	67	63	60	56	53	49	46	43	39	36	33	30	27	24	21	18	16	13	10	8	5						
	79	96	91	87	83	79	75	71	68	64	60	57	53	50	46	43	40	37	34	31	28	25	22	19	17	14	11	9	6						
	80	96	91	87	83	79	75	72	68	64	61	57	54	50	47	44	41	38	35	32	29	26	23	20	18	15	12	10	7						
81	96	91	87	83	79	75	72	68	64	61	57	54	50	47	44	41	38	35	32	29	27	24	21	19	16	13	11	8							
82	96	92	88	84	80	76	72	69	65	61	58	55	51	48	45	42	39	36	33	30	28	25	22	20	17	14	12	10	7	5	2				
83	96	92	88	84	80	76	72	69	65	61	58	55	51	48	45	42	39	36	33	30	28	25	23	20	17	14	12	10	7	5	2				
84	96	92	88	84	80	76	73	69	66	62	59	56	52	49	46	43	40	37	35	32	29	26	24	21	19	16	14	12	9	7	5	3			
85	96	92	88	84	80	76	73	69	66	62	59	56	52	49	46	43	41	38	35	32	30	27	25	22	20	17	15	13	10	8	6	4			

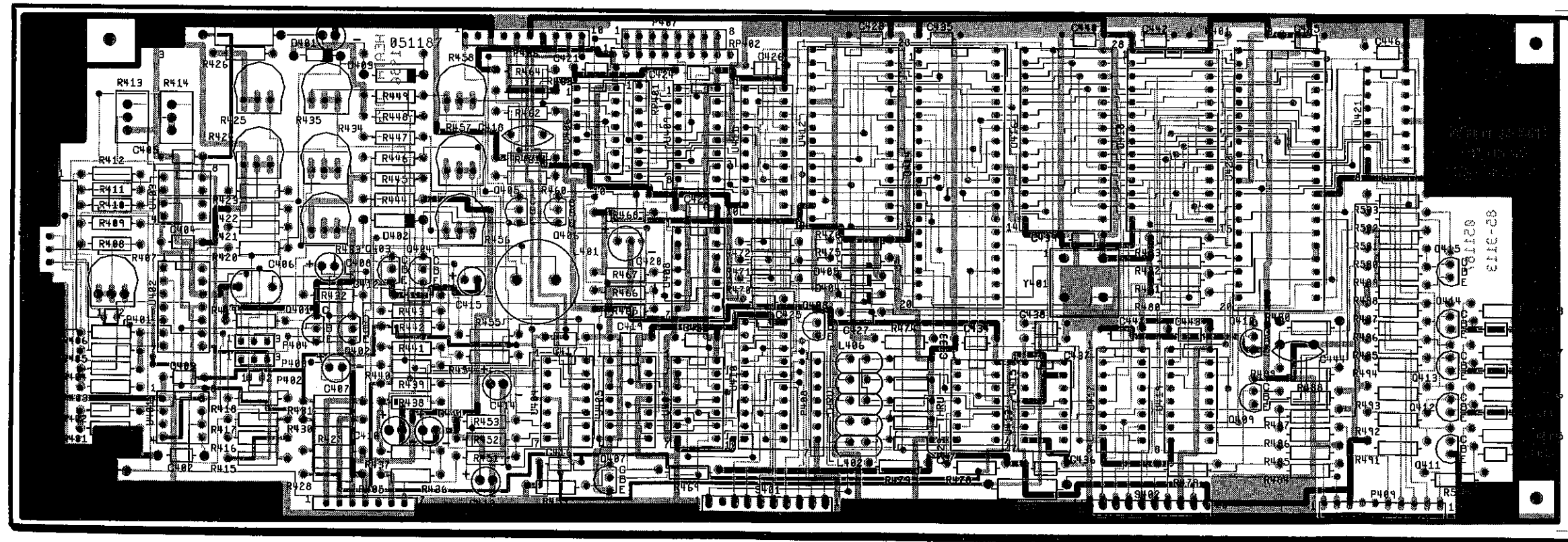
Figure 1



## CIRCUIT BOARD X-RAY VIEWS

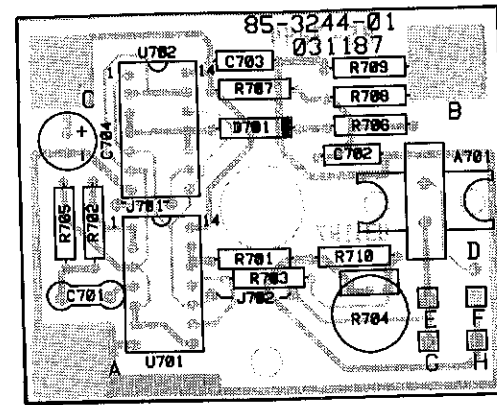
**NOTE:** To find the **PART NUMBER** of a component for the purpose of ordering a replacement part:

- 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 proper x-ray view.
  - B. Locate this same number in the "Circuit Component Number" column of the "Replacement Parts List."
  - C. Adjacent to the circuit component number, you will find the PART NUMBER and DESCRIPTION which you must supply when you order a replacement part.



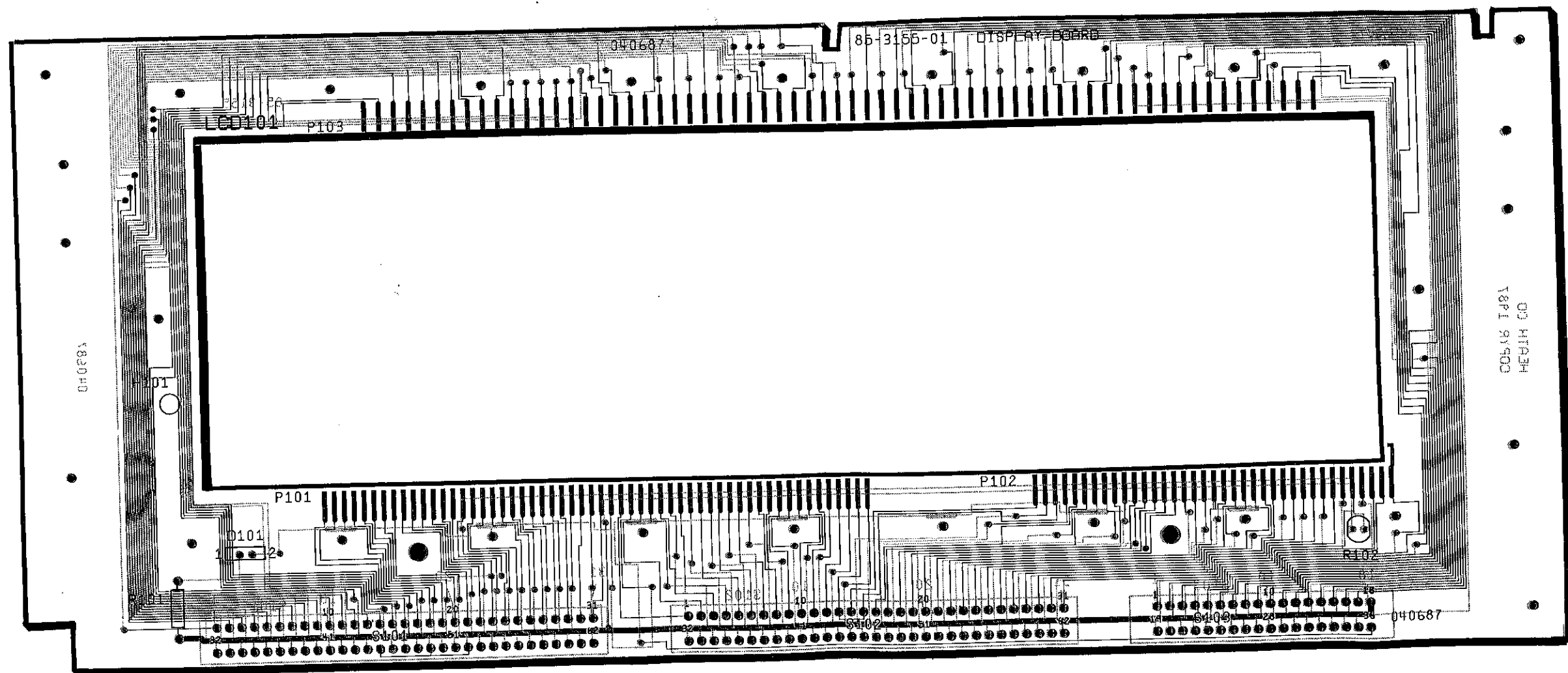
## MAIN CIRCUIT BOARD

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



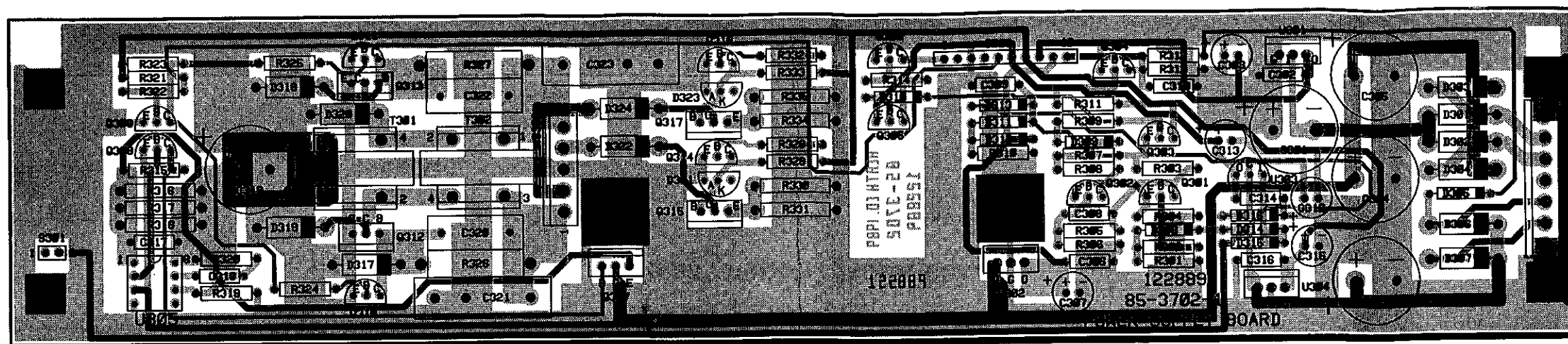
**HUMIDITY SENSOR CIRCUIT BOARD**

(Shown from the component side.)



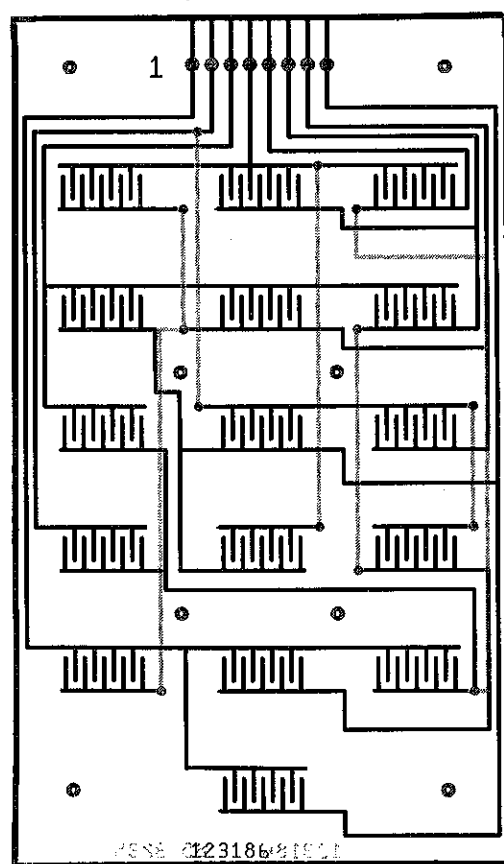
**DISPLAY CIRCUIT BOARD**

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



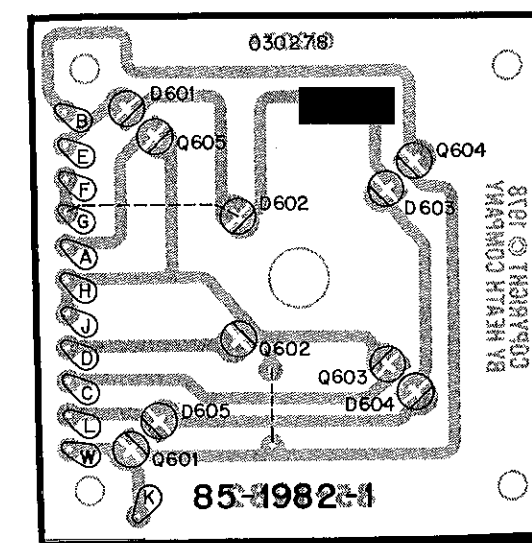
### POWER SUPPLY

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



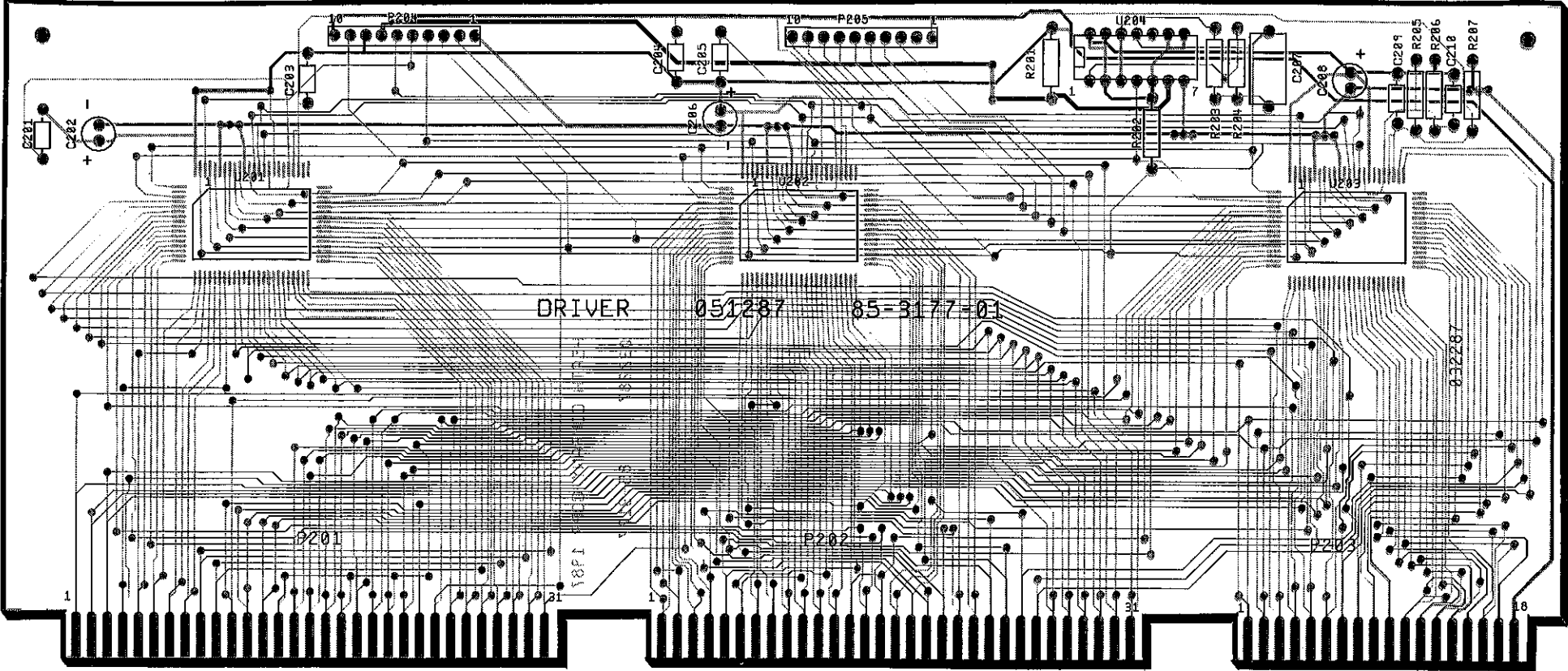
### KEYBOARD CIRCUIT BOARD

(shown from the component side. The foils on the component side are shown in red.)



### WIND SENSOR CIRCUIT BOARD

(Shown from the component side.)



**DISPLAY DRIVER CIRCUIT BOARD**

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