



1084S-P MONITOR REPAIR KIT
314891-01
MAY 1988

1084S-P MONITOR REPAIR KIT - CBM PART NUMBER 314891-01

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1084S-P MONITORS, PRODUCED BY PHILIPS BETWEEN JUNE 1988 AND SEPTEMBER 1988, HAVE EXHIBITED A LOSS OF HIGH VOLTAGE DUE TO THE FAILURE OF THE LINE OUTPUT TRANSFORMER (LOT), T402. AS A RESULT OF THE FAILURE OF T402, RESISTOR R475 (15K, 2W) AND CAPACITOR C476 (.047uF) HAVE OPENED.

AUTHORIZED SERVICE CENTERS WILL BE CREDITED A WARRANTY RATE OF \$26.00 FOR THIS REPAIR. THE COST OF THE REPAIR KIT, \$44.00, WILL BE CREDITED TO YOUR ACCOUNT UPON RECEIPT OF THE DEFECTIVE T402, WHICH MUST BE RETURNED TO THE PARTS DEPOT, WITH YOUR NARDA FORM.

THE 1084S-P MONITOR REPAIR KIT CONTAINS THE FOLLOWING COMPONENTS:

DESCRIPTION	CBM PART NUMBER	PHILIPS OEM PART NUMBER
* 1) LINE OUTPUT TRANSFORMER T402	314892-01	3138 138 30100
2) RESISTOR R475, 15K, 2W	314893-01	2120 105 90C63
3) CAPACITOR C476, .047uF, MYLAR	314894-01	2222 368 45473
** 4) JUMPER WIRE, PVC ORANGE, 24AWG	314895-01	0722 183 00004
** 5) CAPACITOR C356, .0056uF, 50V CER	314896-01	2020 552 90817
** 6) CAPACITOR C561, .022uF, 50V CER	314897-01	2020 550 90526
7) INSTRUCTIONS	314898-01	-

* NOTE: T402 FOR UNITS MANUFACTURED AFTER JUNE 1988 (HAVE FOCUS CONTROL AND BRIGHTNESS CONTROL POTS MOUNTED).

** NOTE: ADDITIONAL COMPONENTS INCLUDED FOR UNITS WHICH EXHIBIT "FLASHING PROBLEM". SEE PART 2 OF INSTRUCTIONS.

INSTRUCTIONS 314898-01

- 1) CHECK "DATE OF MANUFACTURE" CODE ON BACK OF CABINET. THIS FIX APPLIES ONLY TO UNITS MANUFACTURED BETWEEN JUNE 1988 AND SEPTEMBER 1988.
- 2) OPEN CABINET AND REMOVE CHASSIS.
- 3) UNSOLDER AND REMOVE SHIELD PLATE FROM CHASSIS.
- 4) UNSOLDER LOT (T402) WIRES CONNECTED TO CRT SOCKET AND CRT BOARD. REMOVE ORIGINAL LOT (T402). RETURN DEFECTIVE LOT (T402) TO PARTS DEPOT FOR CREDIT.
- 5) REMOVE R475 AND C476.
- 6) SOLDER-IN REVISED LOT (T402). SOLDER-IN THE WIRE CONNECTED TO SOCKET/CRT BOARD.
- 7) SOLDER-IN R475 AND C476.
- **** NOTE: IF UNIT IS EXHIBITING "FLASHING" GOTO PART 2 OF INSTRUCTIONS.
- 8) SOLDER-IN SHIELD PLATE. REPLACE CHASSIS.
- 9) ADJUST SCREEN POT ON T402 TILL SCREEN ILLUMINATES. REFER TO ITEM 7, IN SUB-BRIGHTNESS PARAGRAPH OF ADJUSTMENT PROCEDURES IN 1084S-P SERVICE MANUAL.
- 10) ADJUST FOR OPTIMUM FOCUS. FOCUS CONTROL IS LOCATED ON T402.
- 11) RE-ASSEMBLE CABINET.

THE FOLLOWING FIX IS FOR UNITS MANUFACTURED BETWEEN JUNE 1988 AND SEPTEMBER 1988 WHICH EXHIBIT "FLASHING" SYMPTOMS.

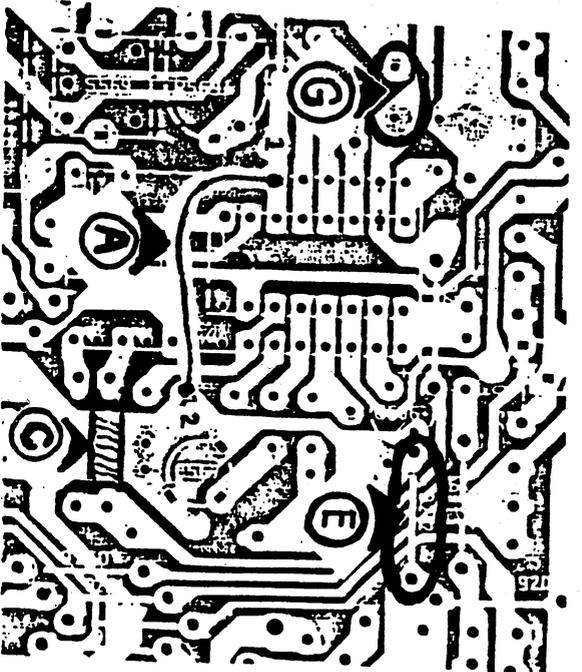
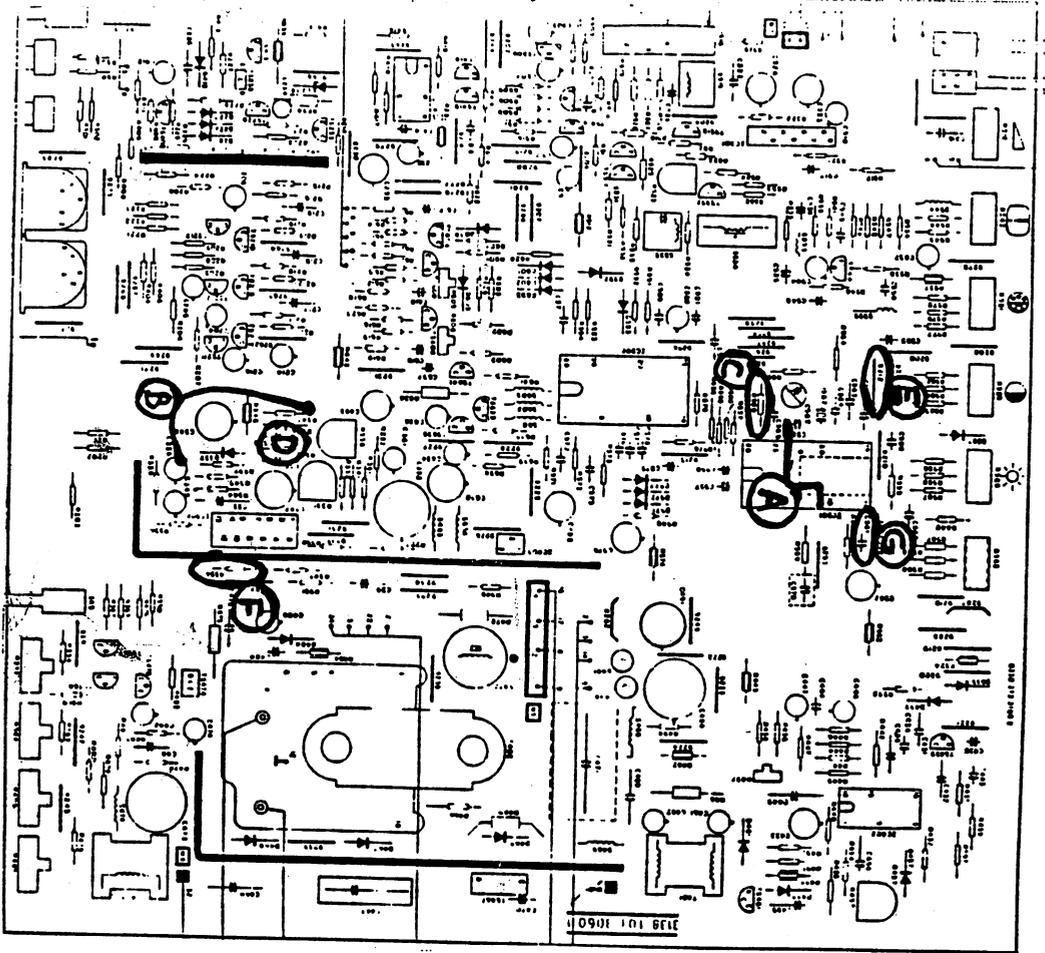
PLEASE NOTE: UNITS NOT MANUFACTURED WITHIN THE ABOVE PERIOD WHICH EXHIBIT "FLASHING" SYMPTOM WILL BE COVERED BY A SEPERATE FIELD SERVICE BULLETIN, TO BE RELEASED SHORTLY.

REFER TO DIAGRAMS ON PAGE 4 (REVERSE SIDE). NOTE JUMPERS AND CUTS SHOULD BE MADE TO SOLDER SIDE OF THE PCB.

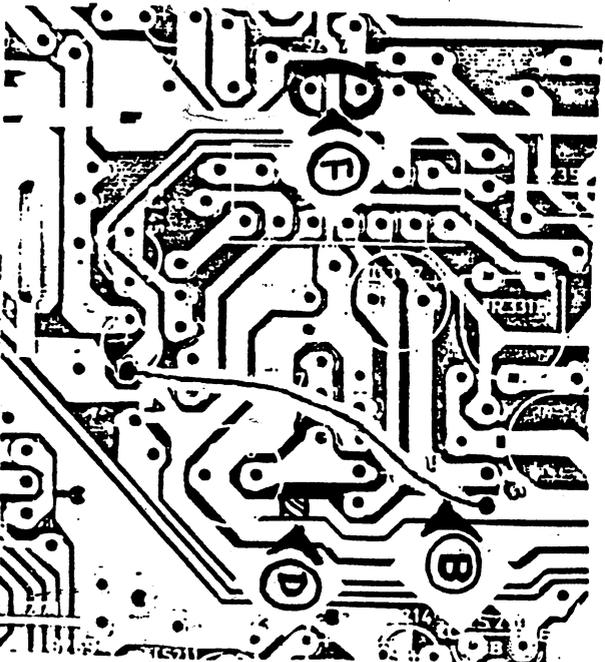
- A) USING ORANGE JUMPER WIRE PROVIDED IN KIT, CUT A ONE (1) INCH LENGTH AND SOLDER BETWEEN POINTS 1 AND 2 AS SHOWN ON SOLDER SIDE DIAGRAM. THESE POINTS ARE FROM PIN 3 OF IC501 TO C569.
- B) USING ORANGE JUMPER WIRE PROVIDED IN KIT, CUT A TWO (2) INCH LENGTH AND SOLDER BETWEEN POINTS 3 AND 4 AS SHOWN ON SOLDER SIDE DIAGRAM. THESE POINTS ARE FROM R347 TO *Negative* SIDE OF C334.
- C) CUT AWAY COPPER FOIL, AS INDICATED BY SLANTED LINES ON SOLDER SIDE DIAGRAM.
- D) CUT AWAY COPPER FOIL, AS INDICATED BY SLANTED LINES ON SOLDER SIDE DIAGRAM.
- E) REMOVE JUMPER 9212.
- F) REMOVE CAPACITOR C356, AND REPLACE WITH .0056uF CAPACITOR INCLUDED IN KIT.
- G) ADD CAPACITOR C561, .022uF, IF NOT ALREADY ON PCB.

RETURN TO PART 1 OF INSTRUCTIONS.

COMPONENT SIDE



SOLDER SIDE



SOLDER SIDE