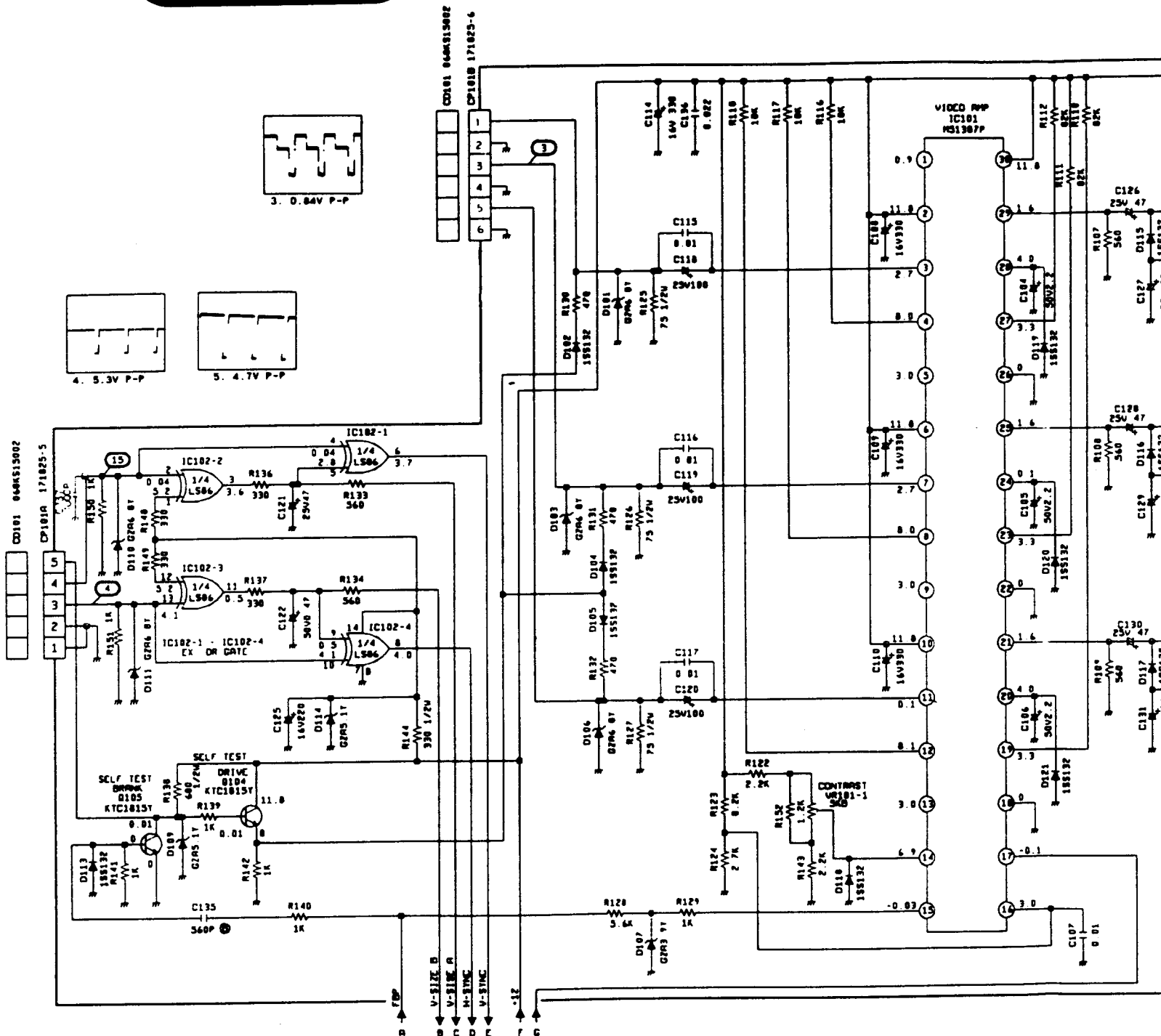


PC-12HRCD
PC-12MD
PC-14CD
PC-14HRCD

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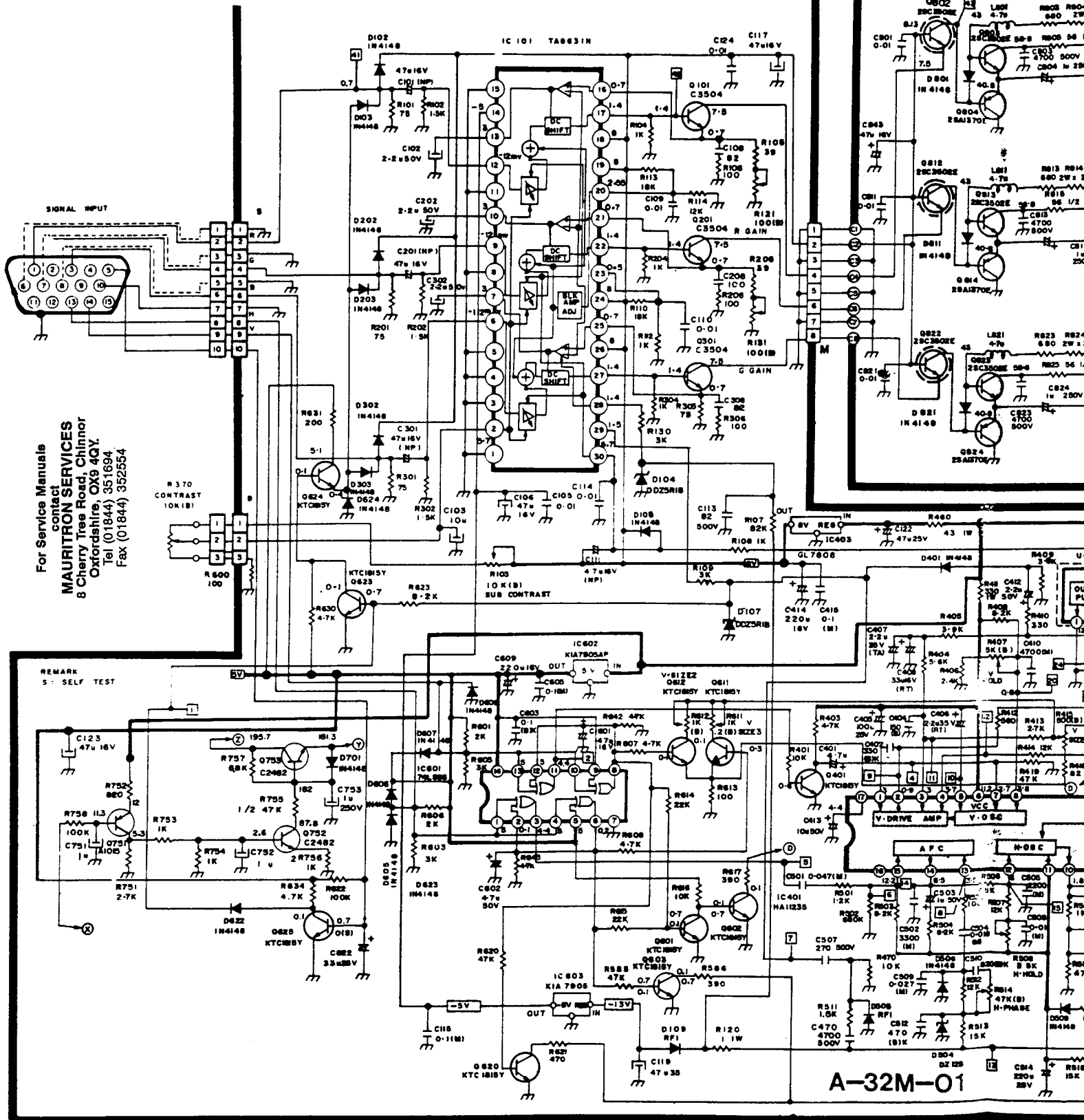


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contact
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8 Cherry Tree Road, Chinnor
Oxfordshire, OX9 4QY.
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Fax (01844) 352554

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REMARK
S: SELF TEST

NOTE

1- RESISTANCE IS SHOWN IN OHM, K=1,000, M=1,000,000.

2- UNLESS OTHERWISE NOTED IN SCHEMATIC ALL CAPACITOR VALUES LESS THAN 1 ARE EXPRESSED IN nF AND THE VALUES MORE THAN 1 IN μ F.

3- UNLESS OTHERWISE NOTED IN SCHEMATIC ALL INDUCTOR VALUES MORE THAN 1 ARE EXPRESSED IN mH AND THE VALUES LESS THAN 1 IN μ H.

4- VOLTAGES READ WITH "VTVM" FROM POINT INDICATED TO CHASSIS GROUND. USING A COLOR BAR SIGNAL WITH ALL CONTROLS AT NORMAL. LINE VOLTAGE 120 VOLTS AC.

5- VOLTAGE READINGS SHOWN ARE NOMINAL VALUES AND MAY VARY $\pm 20\%$ EXCEPT H-V.

6- THIS CIRCUIT DIAGRAM IS A STANDARD ONE, CIRCUITS PRINTED MAY BE SUBJECT TO CHANGE FOR PRODUCT IMPROVEMENT WITHOUT PRIOR NOTICE.

"WARNIN
BEFORE SERV

"X-RAY RADIA
AND "PRODUCT

CAUTION- T

BEFORE RETURN
TO MAKE APPR
MEASUREMENTS
ARE PROPERLY

MAURITRON

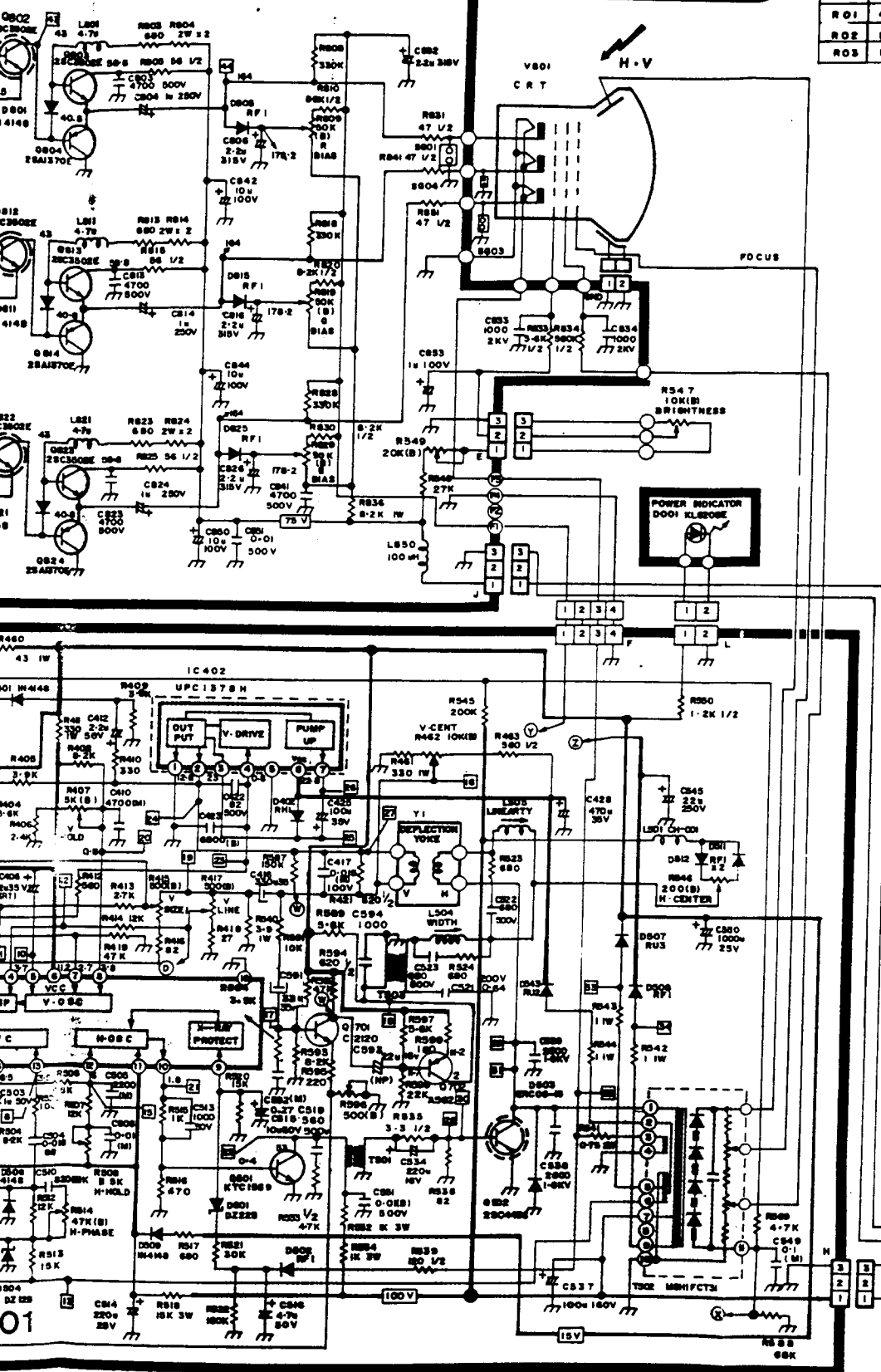
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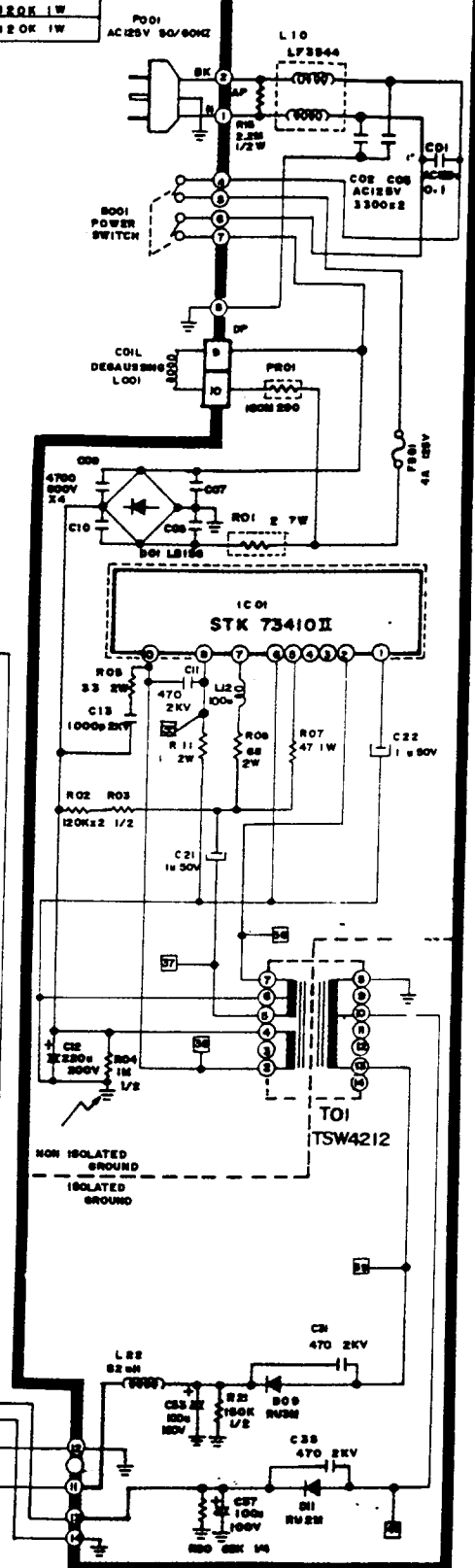
A-32C-01

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PC-14CD
PC-14HRCD

LOCA	DESC
C01	0.33 AC 250V
C02	3300 AC 400V
C03	3300 AC 400V
C12	180V 400 V
F001	T4A 250 V
R01	4.7 10 W
R02	120K 1W
R03	120K 1W



A-32P-01



"WARNING"
BEFORE SERVICING THIS CHASSIS, READ THE
"X-RAY RADIATION PRECAUTION," "SAFETY PRECAUTION"
AND "PRODUCT SAFETY NOTICE" IN THE SERVICE MANUAL.

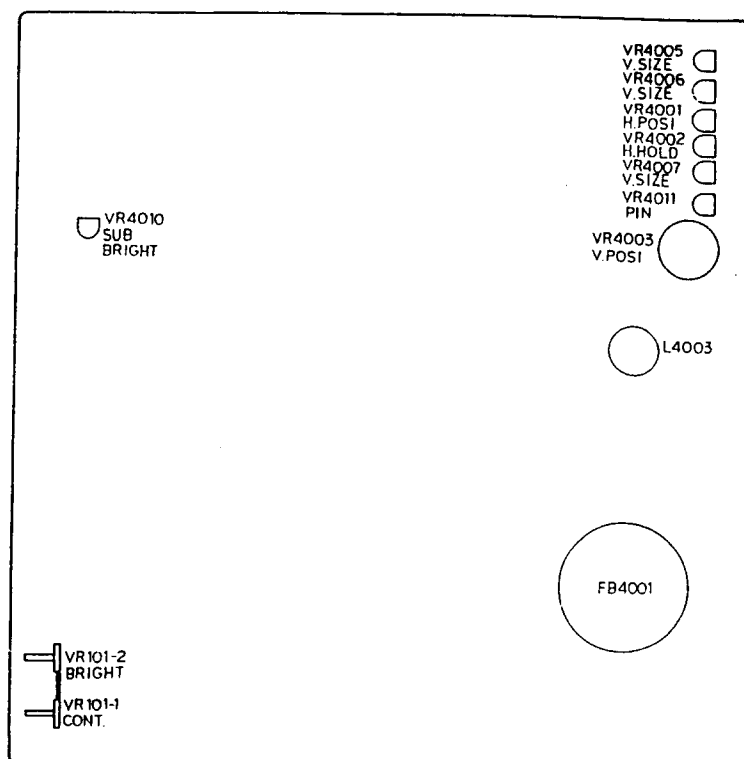
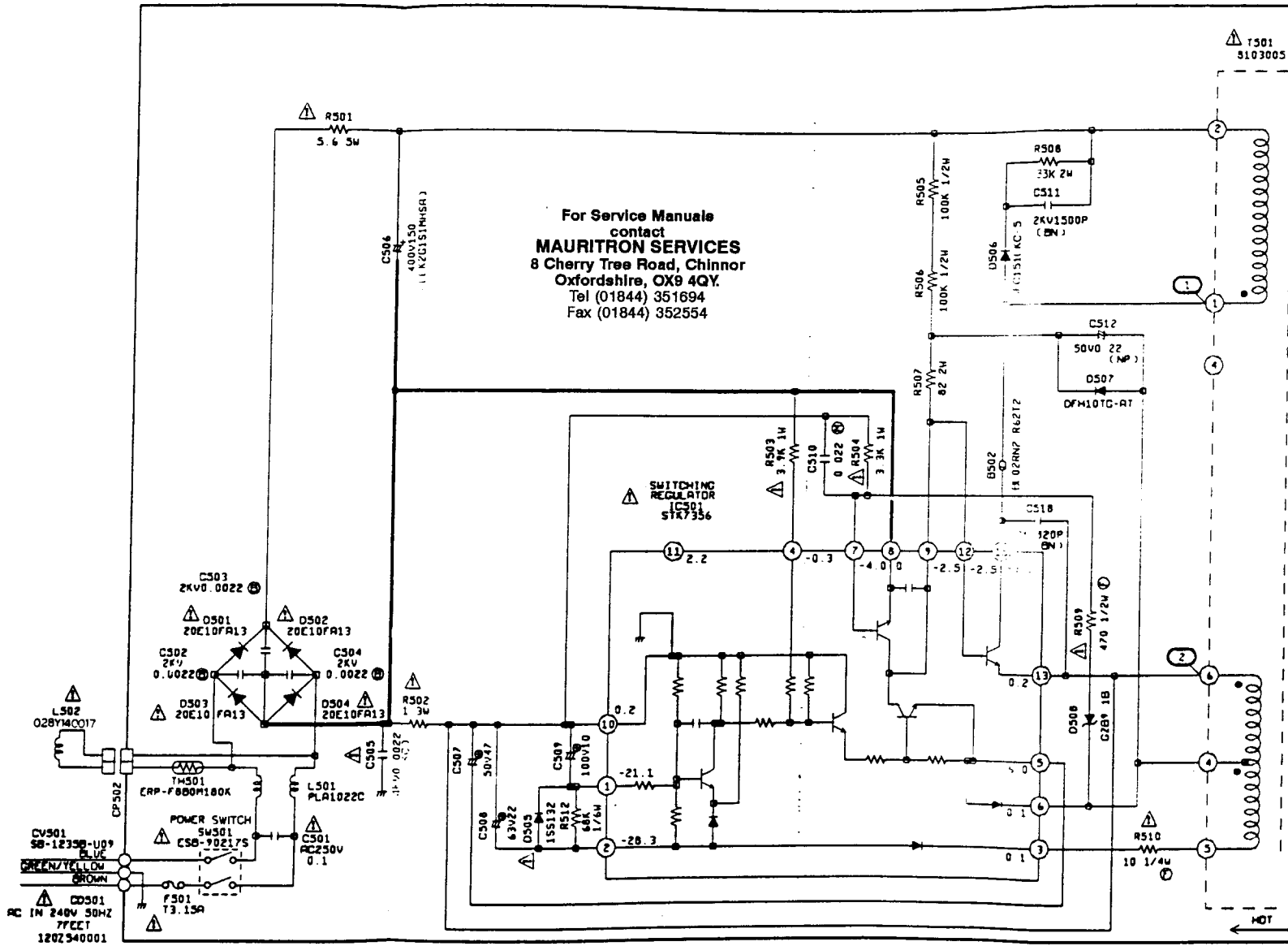
CAUTION-TO THE SERVICE TECHNICIANS;
BEFORE RETURNING THE RECEIVER TO THE CUSTOMER,
TO MAKE APPROPRIATE LEAKAGE CURRENT OR RESISTANCE
MEASUREMENTS TO DETERMINE THAT EXPOSED PARTS
ARE PROPERLY INSULATED FROM THE SUPPLY CIRCUIT.

CAUTION; THE SHADED AREAS IN THE SCHEMATIC
DIAGRAM DESIGNATE COMPONENTS WHICH HAVE
SPECIAL CHARACTERISTICS IMPORTANT FOR SAFETY
AND SHOULD BE REPLACED ONLY WITH TYPES
IDENTICAL TO THOSE IN THE ORIGINAL CIRCUIT
OR SPECIFIED IN THE PARTS LIST.
DO NOT DEGRADE THE SAFETY OF THE RECEIVER
THROUGH IMPROPER SERVICING.

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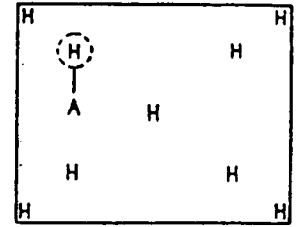
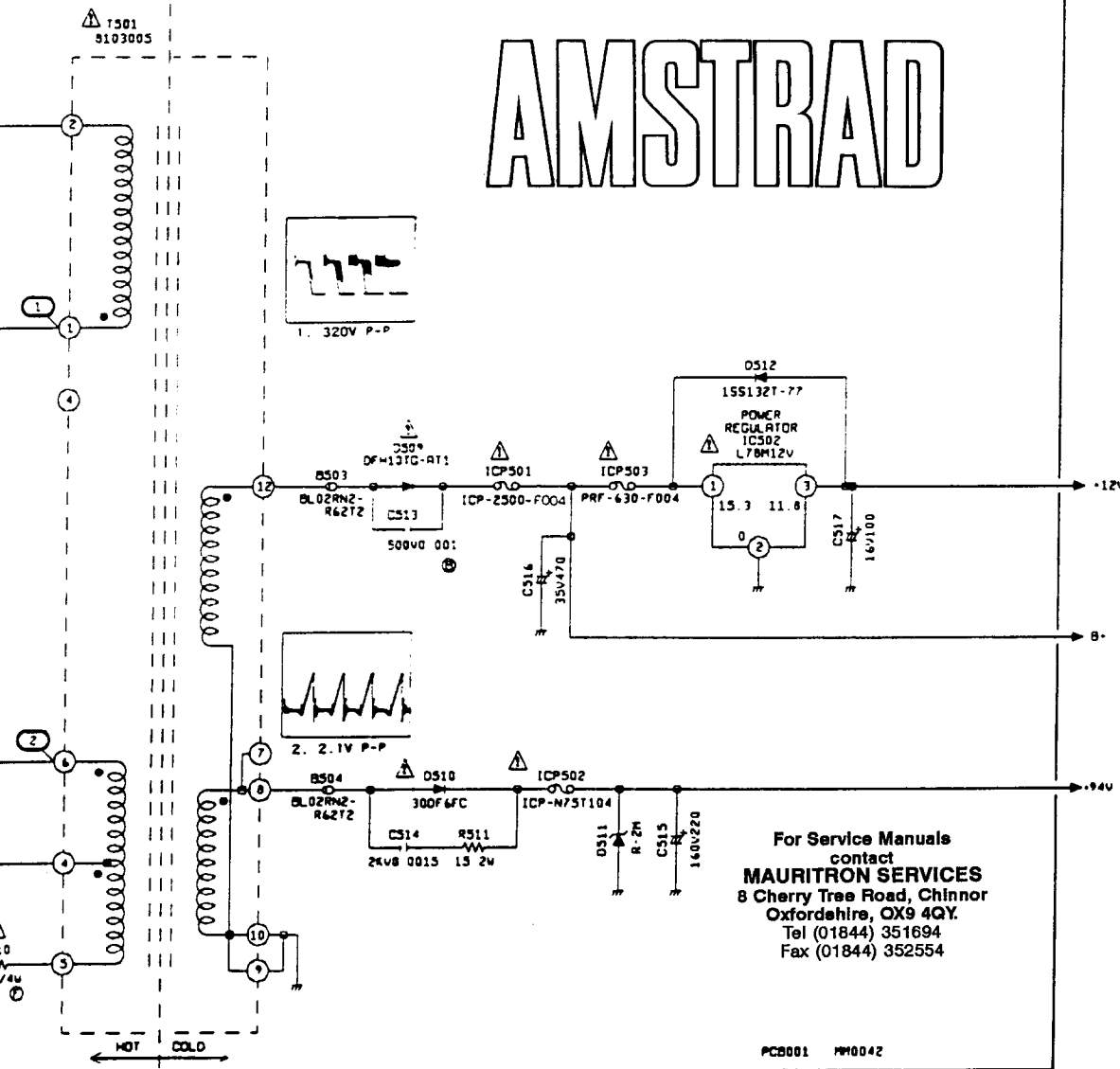


Fig. 1

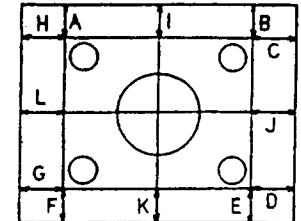


Fig. 2

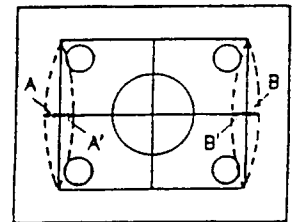


Fig. 3

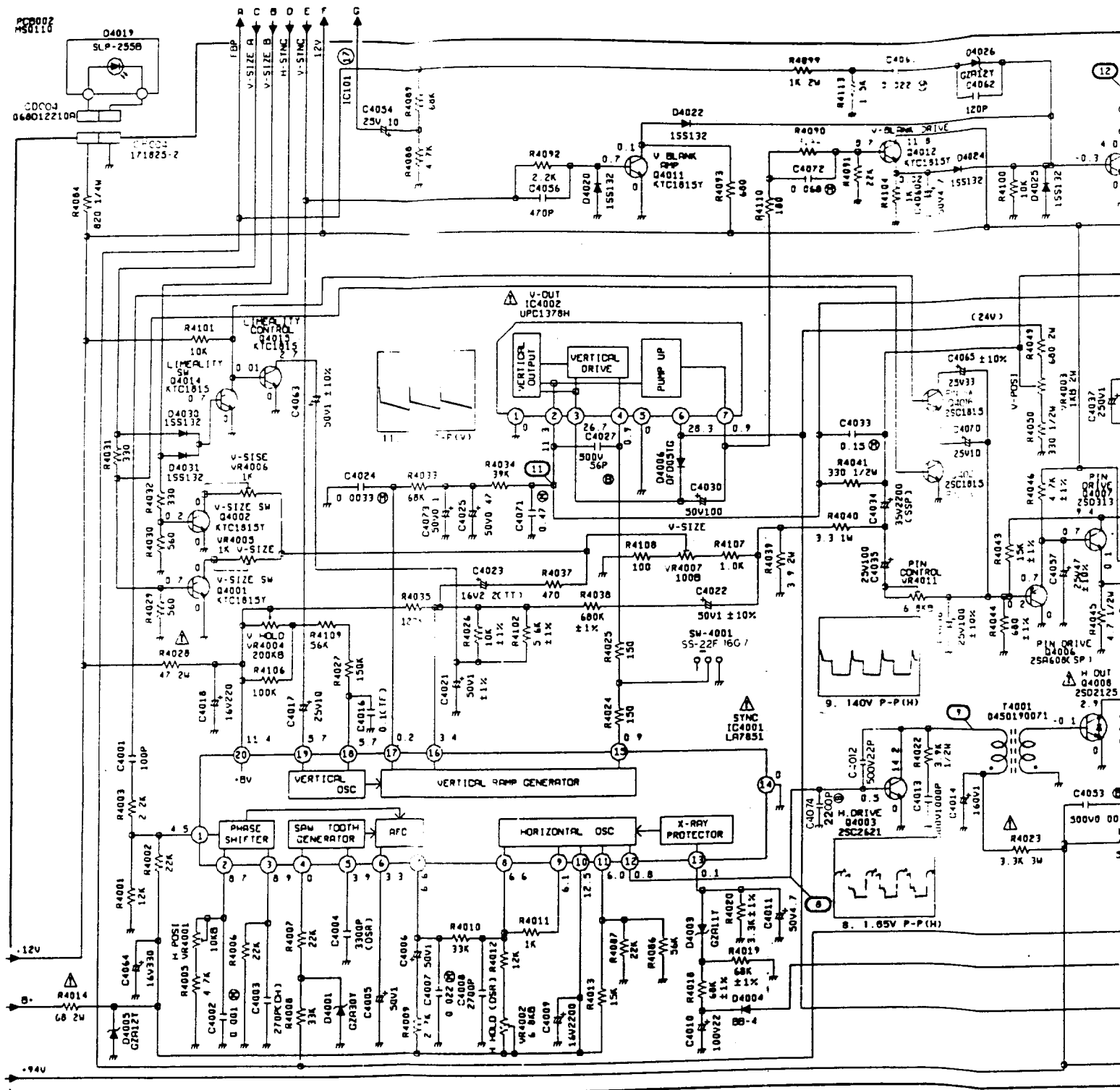
NOTE: THIS SCHEMATIC DIAGRAM IS THE LATEST AT THE TIME OF PRINTING AND SUBJECT TO CHANGE WITHOUT NOTICE.

ALIGNMENT INSTRUCTIONS

p	FUNCTION	SIGNAL IN	SIGNAL OUT	METHOD	REMARKS
1.	H. Hold Adjustment.	None	Monitor Screen. Free Run Condition.	Connect A Freq. Counter to heater circuit Pin. 9. of CRT socket. Adjust VR4002 to read line freq. 31.46kHz.	
2.	Focus Adjustment.	VGA Test Disc.	On Screen.	Select Focus Pattern. Use 5 key. Adjust VR on the F.B.T. so that point A is seen clearly.	Refer to Fig. 1.
3.	Sub Brightness Adjustment.	VGA Test Disc.	On Screen.	Select 0 Pattern (480 line mode). Adjust VR4010 so that the raster in the background of the screen lightens up.	Refer to Fig. 2.
4.	V.Pos. H.Pos. V.Size. H.Size. Adjustment.	VGA Test Disc.	On Screen.	Select 0 Pattern (480 line mode). Adjust picture in centre position with VR4003 and VR4001. 1. Adjust VR4007 to get A, I, B, E, K, and F points to 10mm ± 2mm. 480 line mode. (* Top & Bottom Borders). 2. Adjust VR4006 to get A, I, B, E, K, and F points to 10mm ± 2mm. 350 line mode. (* Top & Bottom Borders). 3. Adjust VR4005 to get A, I, B, E, K, and F points to 10mm ± 2mm. 200 line mode. (* Top & Bottom Borders). 4. Adjust VR4003 to get C, J, D, G, L, and H points to 15mm ± 2mm.	Refer to Fig. 2.
5.	DIN Adjustment.	VGA Test Disc.	On Screen.	Select 0 Pattern. Adjust VR4011 to get A, B & B points within 1mm.	Refer to Fig. 3.
6.	Colour Purity. Static. Dynamic Convergence. Black & White Tracking				

Adjustment Information Can Be Obtained On Special Request

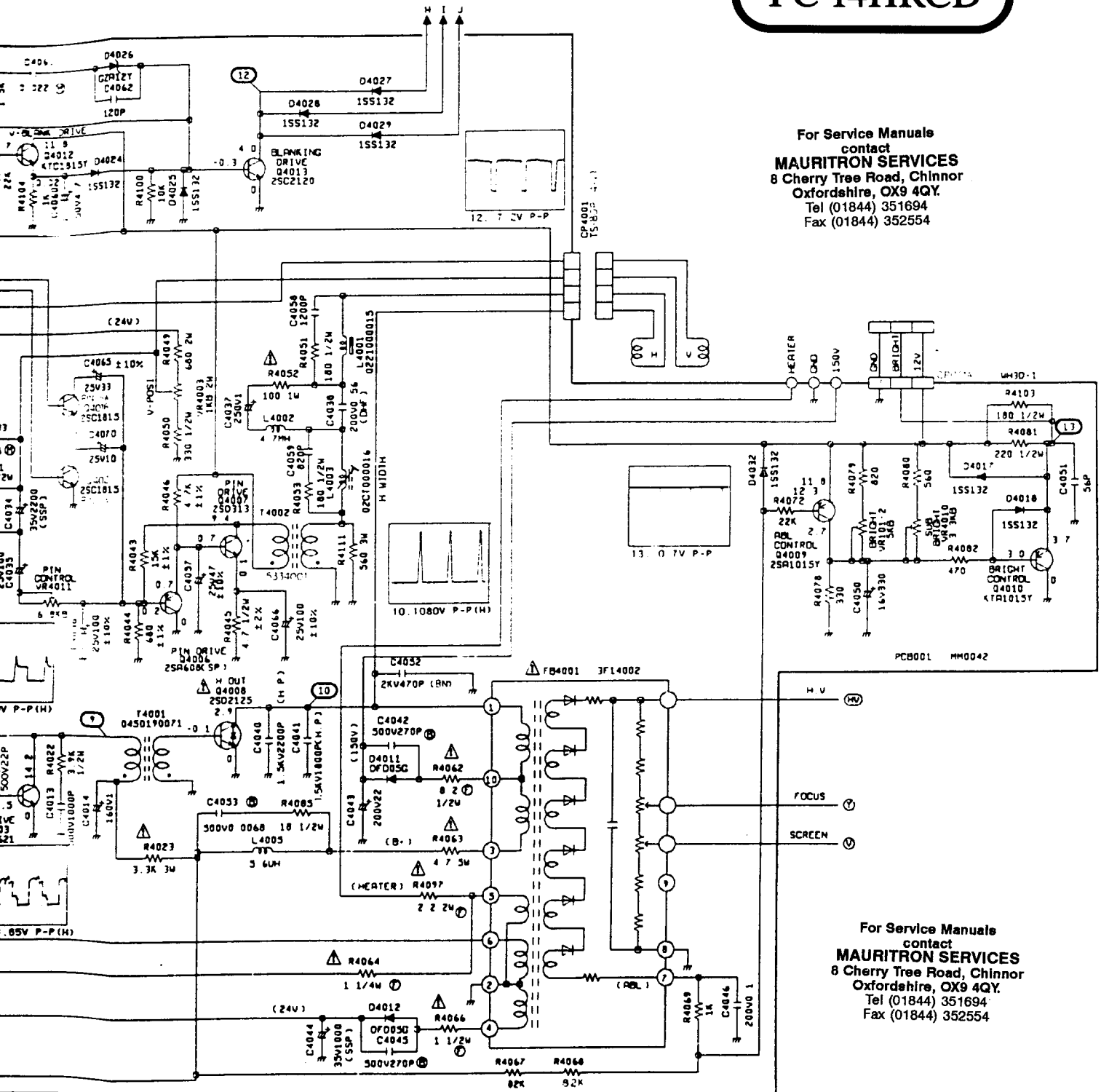
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CAUTION: SINCE THESE PARTS MARKED BY ARE CRITICAL FOR SAFETY, USE ONES DESCRIBED ON PARTS LIST ONLY

ATTENTION: LES PIÉCES REPAREES PAR UN ETANT DANGEREUSES AU POINT DE VUE SECURITE N'UTILISER QUE CELLES DECRITES DANS LA NOMENCLATURE DES PIÉCES.

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