

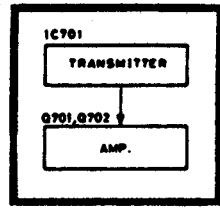
General Partner
Technical world®

Scheme Service Manual

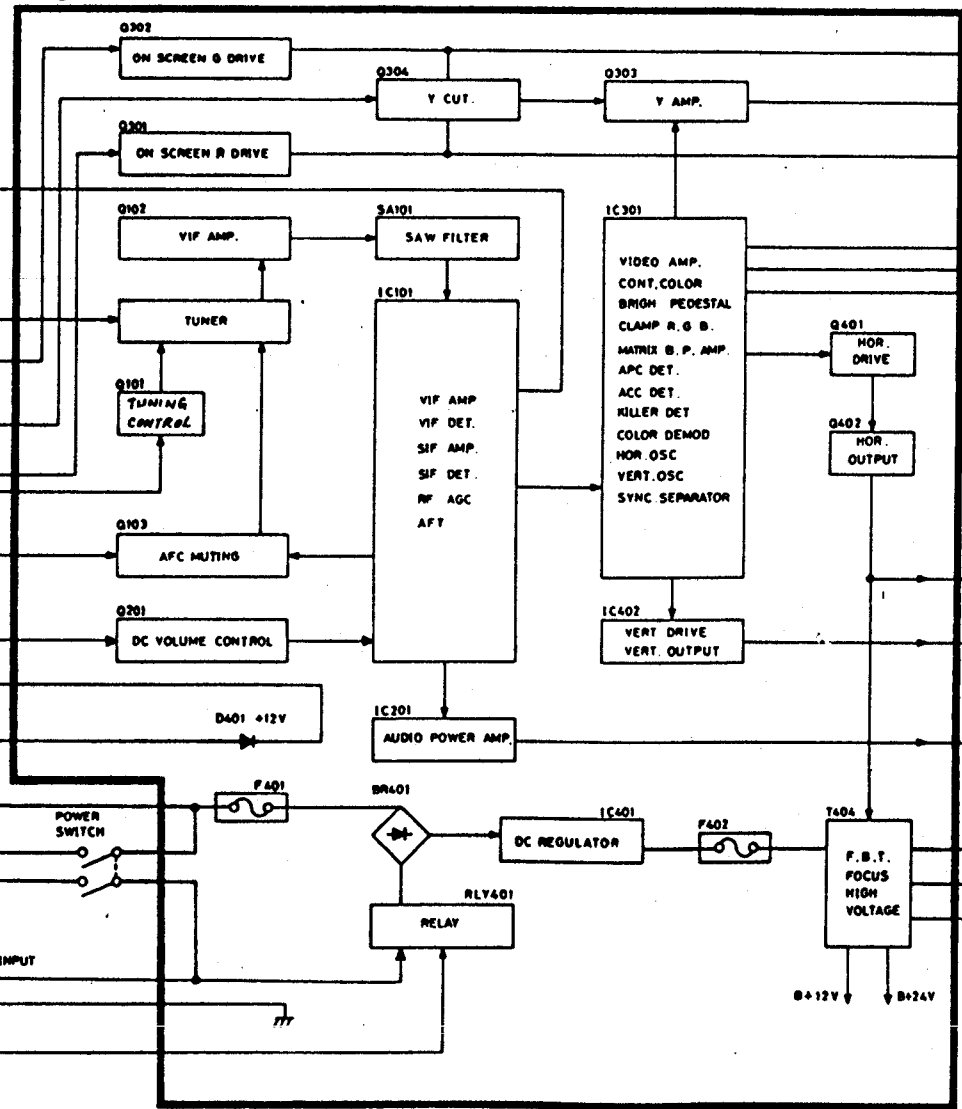
TV

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ALBA.	090-391502-01
ALBA.	090-391503-01
ALBA.	090-391501-11

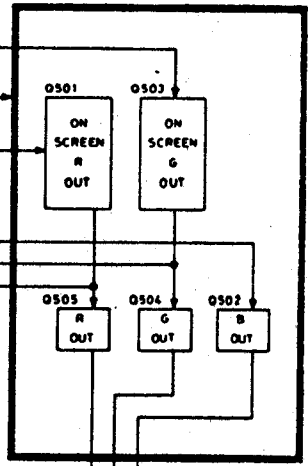
PCB 5



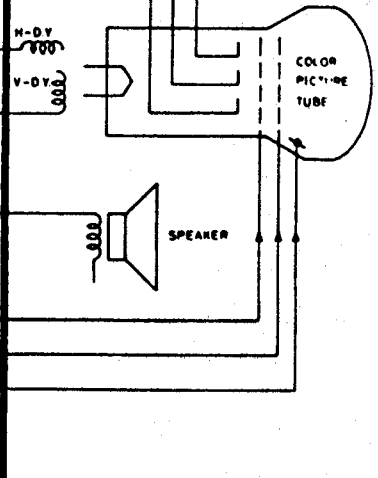
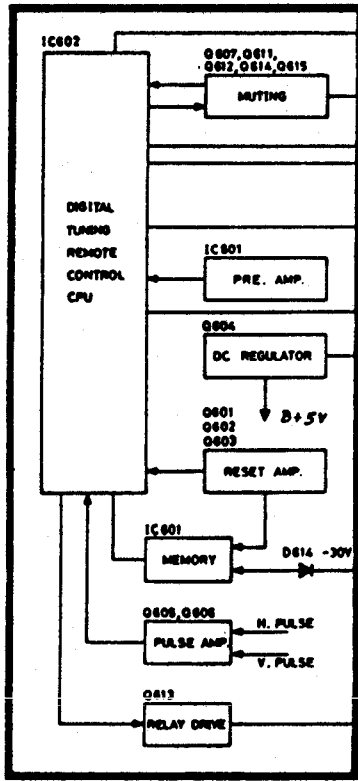
PCB 1



PCB 2

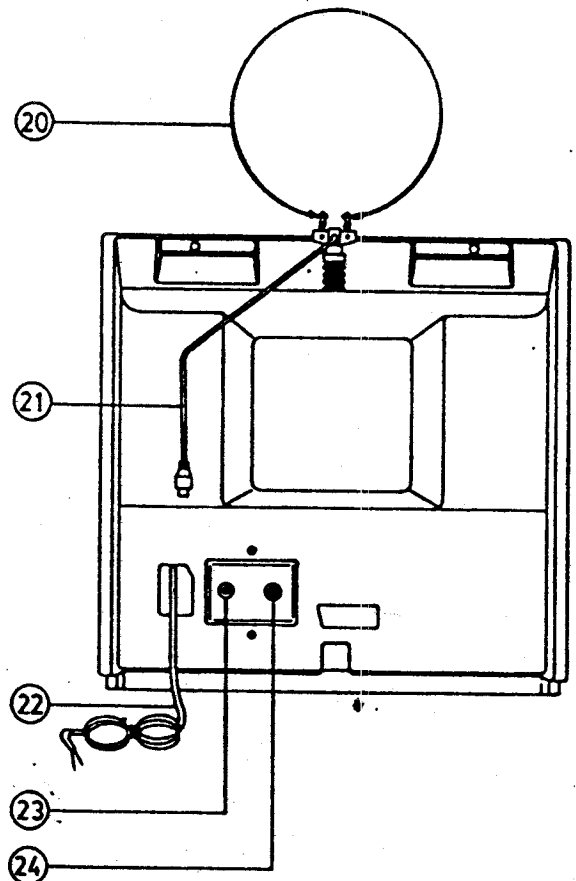
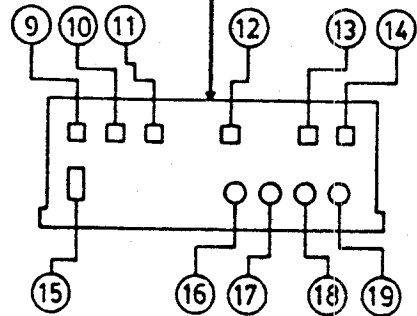
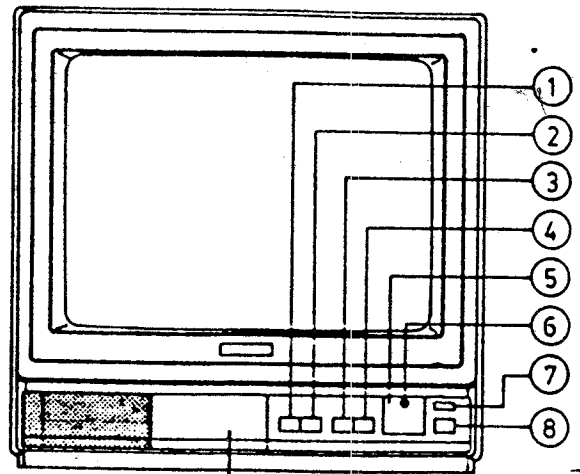


PCB 4



CONTROL LOCATION :

1. CHANNEL DOWN CONTROL
2. CHANNEL UP CONTROL
3. VOLUME DOWN CONTROL
4. VOLUME UP CONTROL
5. REMOTE SENSOR
6. STAND-BY INDICATOR
7. STAND-BY CONTROL
8. POWER ON / OFF SWITCH
9. HI-SPEED BUTTON
10. TUNE '-' BUTTON
11. TUNE '+' BUTTON
12. STORAGE BUTTON
13. HOUR BUTTON
14. MINUTE BUTTON
15. PRESET ON / OFF SWITCH
16. CONTRAST CONTROL
17. BRIGHTNESS CONTROL
18. COLOR CONTROL
19. V-HOLD CONTROL
20. LOOP ANTENNA
21. TELESCOPIC ANTENNA CONNECTOR
22. AC LINE CORD
23. ANTENNA INPUT SOCKET (75 Ohm)
24. AUDIO OUT JACK



ALIGNMENT INSTRUCTION

I. PLEASE READ BEFORE ATTEMPTING SERVICE

1. Never disconnect any leads while receiver is in operation.
2. Disconnect all power before attempting any repairs.
3. Do not short any portion of the circuit while power is on.
4. For reason of safety, all parts replaced should be identical, (for parts and part number see PARTS LIST).
5. Before alignment the set must be pre-heated for 30 minutes or more and erase magnetism thoroughly from CRT front chassis frame by erase coil.

II. TEST EQUIPMENT

- | | |
|--|--|
| 1. VIF Sweep Generator | 8. High Voltage Meter |
| 2. SIF Sweep Generator | 9. Ampere Meter (0.5 Class, DC 3mA Max.) |
| 3. Color Bar/Dot/Cross Hatch Generator | 10. Demagnetizing Coil |
| 4. DC Power Supply (14V) | 11. Philips Pattern Generator |
| 5. Oscilloscope | 12. Frequency Counter |
| 6. Vacuum Tube Volt Meter | 13. Continuous Waveform Generator |
| 7. Volt Ohm Meter | |

III. TANK COIL ALIGNMENT

A. PREPARATION STEP (SEE Fig. 2)

1. Connect OUTPUT lead of VIF Sweep Generator between tuner test point TP and tuner case.
2. Connect lead of FROM DET between TP 201 and GND.
3. Supply DC +14V to $\oplus$ lead of D 410.
4. Supply RF AGC bias voltage to TP 101 (See Fig.1)

AGC BIAS SUPPLY
DC +12V $\oplus$ lead wire to D410

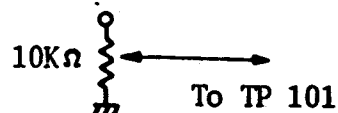


Fig. 1

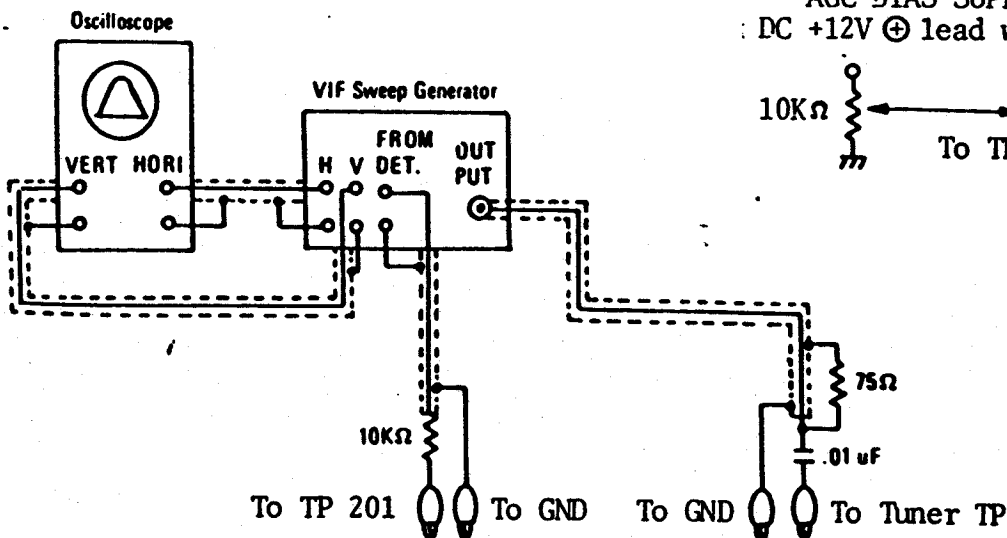


Fig. 2

B. ALIGNMENT STEP (See Fig.3)

1. Adjust AGC bias voltage for maximum amplitude of waveform.
2. Adjust the level of Sweep Generator to achieve 1Vp-p output.
3. Adjust T 102 to obtain maximum amplitude of response cause at PC. (39.5 MHz)

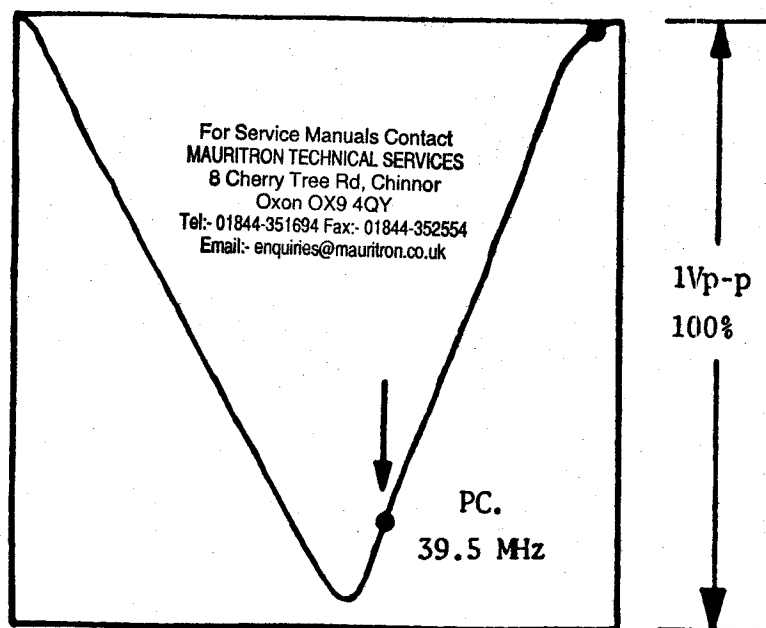


Fig.3

IV. VIF ALIGNMENT

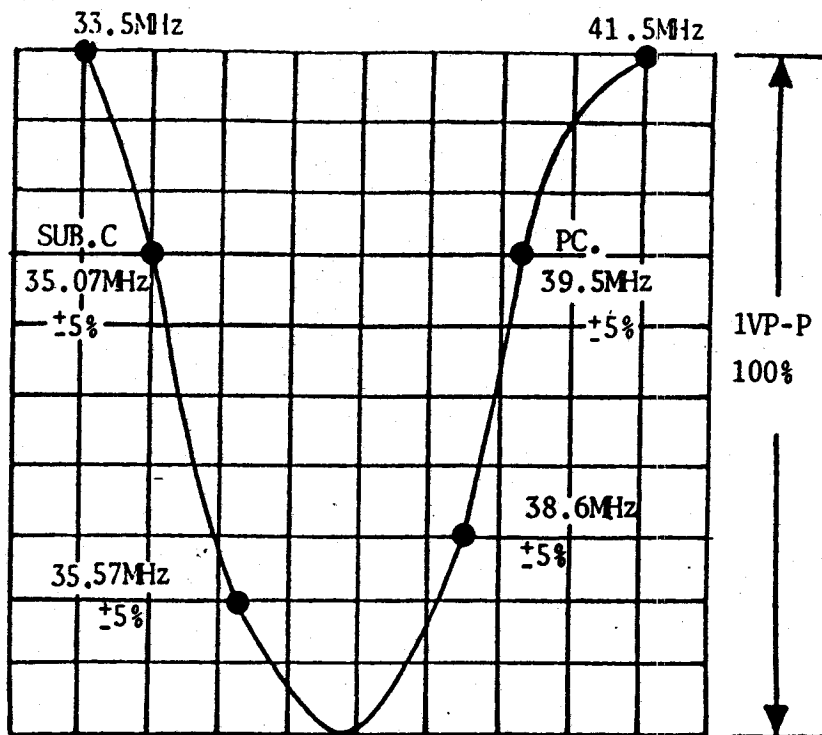
A. PREPARATION STEP (See Fig.2)

1. Connect output lead of VIF Sweep Generator between tuner test point TP and tuner case.
2. Connect resistor (100 Ohm) between TP 105 and TP 106.
3. Connect lead of FROM DET between TP 201 and GND.
4. Supply DC +14V to ⊕ lead of D410.
5. Supply RF AGC bias voltage to TP 101 (See Fig.1)

B. ALIGNMENT STEP

1. Adjust AGC bias voltage for maximum amplitude of waveform.
2. Adjust the level of Sweep Generator to achieve 1Vp-p output.
3. Increase the output level of Sweep Generator in 20dB.
4. Adjust AGC bias voltage to achieve 1Vp-p output (on Oscilloscope).
5. Adjust tuner converter coil to obtain the waveform as in Fig. 4.

Fig. 4



V. AFC ALIGNMENT

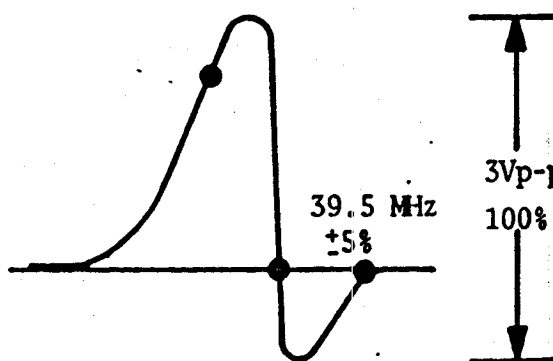
A. PREPARATION STEP

1. Connect RF AGC bias voltage at TP101.
2. Remove the damping resistor (100 Ohm) at TP 105, TP 106.
3. Connect output lead of Sweep Generator to tuner test point TP & tuner ca
4. Increase the output level of Sweep Generator in 10 dB.
5. Connect lead of FROM DET between TP 104 and GND.
6. Supply DC +14V to ⊕ lead of D410..

B. ALIGNMENT STEP

1. Adjust the AGC bias to achieve 3VP-P output.
2. Adjust T 104 so that picture carrier 39.5MHz is centered as in Fig.5.

Fig.5



VI. SIF ALIGNMENT

A. PREPARATION STEP (SEE Fig. 6)

1. Connect output lead of SIF Sweep Generator between TP 201 and GND.
2. Connect lead of FROM DET between TP 103 and GND.
3. Supply DC +14V to ⊕ lead of D 410.

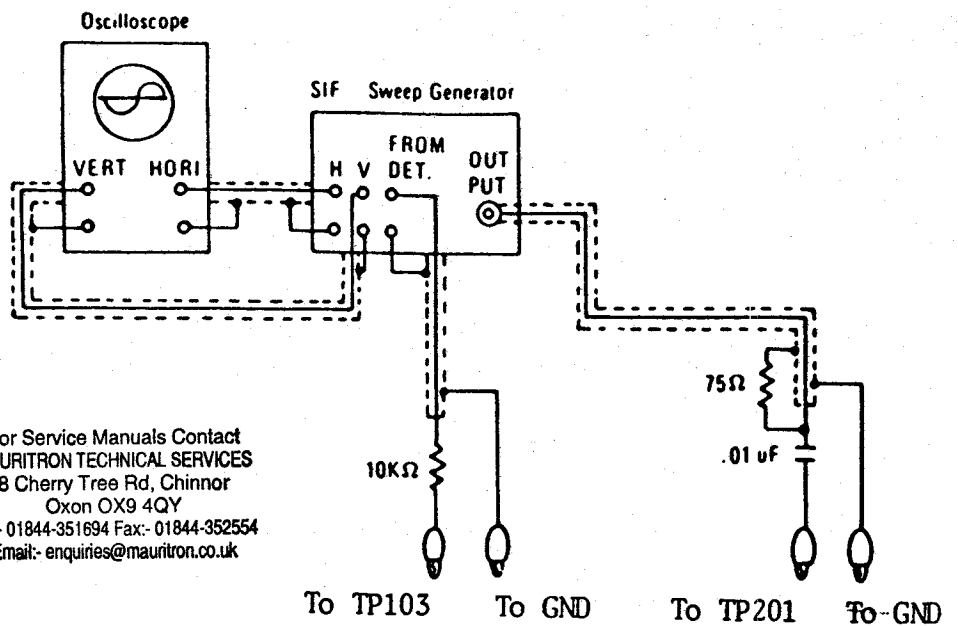
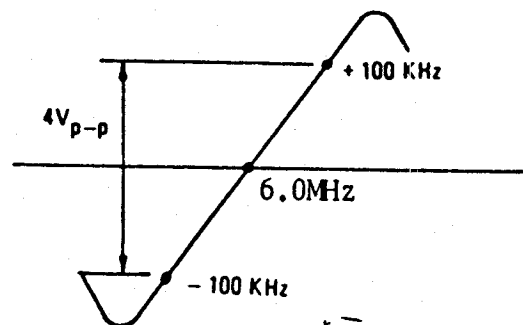


FIG. 6

B. ALIGNMENT STEP

1. Adjust output of Sweep Generator to achieve 4Vp-p between markers of 100KHz.
2. Adjust T103 that sound carrier is centered as in Fig. 7.

FIG. 7



VII. HORIZONTAL CIRCUIT ADJUSTMENT

1. Receive Monoscope pattern input signal 80 dBuV.
2. Connect terminal TP 302 and the earth with the short Jumper wire.
3. Adjust VR 301 to obtain the picture running at center.

VIII. VERTICAL CIRCUIT ADJUSTMENT

1. Receive the monoscope pattern.
2. Adjust V-size (VR 302) to obtain a normal picture.

IX. WHITE BALANCE ADJUSTMENT

1. Set the Screen control (ON THE FBT) to minimum position.
2. Turn the red; green and blue Low Light controls (VR 505, VR 503, VR 501) to middle position and turn the Drive control (VR 504, VR 502) to middle position.
3. Receive the Monoscope pattern.
4. Set the Service switch (S 301) to "SERVICE" position.

5. Slowly turn the screen control clockwise to the point where a horizontal line just illuminates.
6. Adjust VR 505 to get a red horizontal line on CRT.
7. Adjust VR 503 to get a yellow horizontal line on CRT.
8. Adjust VR 501 to get a white horizontal line on CRT.
9. Reset the Service switch (S 301) to normal position.
10. Set Brightness control (VR 402) to middle position.
11. Adjust Drive control (VR 502, VR 504) to obtain a uniform white picture.

X. FOCUS ADJUSTMENT

1. Set Contrast control to maximum position and Brightness control to middle position.
2. Adjust Focus control (ON THE FBT) to obtain a sharpest picture on the CRT.

XI. RF AGC

1. Receive the signal of (UHF channel) and set the AFC ON. (PRESET SWITCH TO OFF POSITION)
2. Set the input field strength in $62 \pm 3\text{dB}$.
3. Adjust RF AGC control (VR 101) to the point where noise is disappeared.

XII. COLOR SYNC. ADJUSTMENT

1. Receive PHILIPS pattern and warm up for five minutes.
2. Connect terminal TP 304 and the earth with the short jumper wire.
3. Connect the TP 305 and TP 303 with 10K Ohm resistor so that the color killer turns off.
4. Then the color stripes appear on the screen when the adjustment is incorrect. Adjust the color sync.(CT 301) so that the PHILIPS pattern stands still or drifts slowly across the picture screen.
5. Remove the 10K Ohm resistor and jumper wire.

XIII. COLOR DEMODULATOR ALIGNMENT, DELAY LINE ALIGNMENT

1. Receive PHILIPS pattern and set the AFC switch to 'ON' position. (PRESET SWITCH TO OFF POSITION)
2. Set the Service switch (S 301) to service position.
3. Set Color control (VR 403) to maximum position.
4. Connect oscilloscope to TP 309 (B out).
5. Adjust (VR 303, T 301, T 302) to obtain the waveform as in Fig. 8.

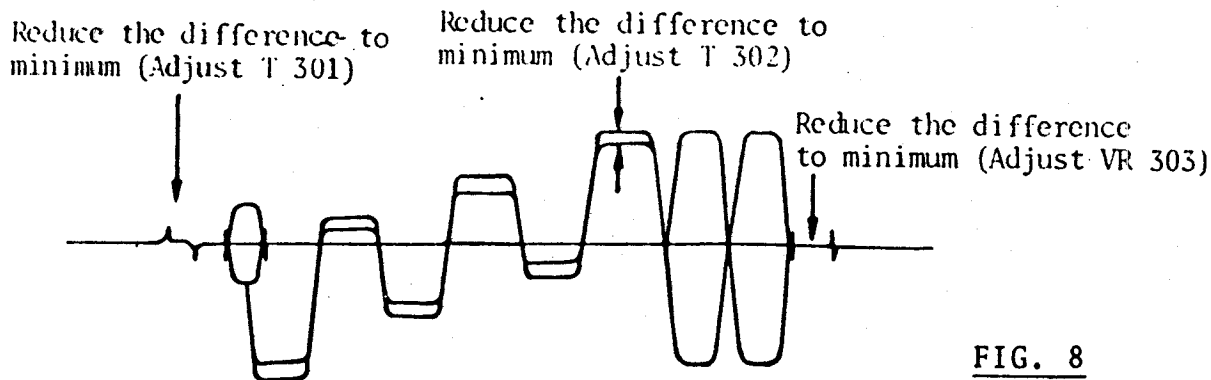


FIG. 8

XIV. SUB-BRIGHTNESS ALIGNMENT

1. Connect the negative side to TP 402 and positive side to TP 401 of DC ampere meter (3mA full scale range).
2. Receive PHILIPS pattern and set AFC switch set 'ON' position. (PRESET SWITCH TO OFF POSITION)
3. Set controls as follows :

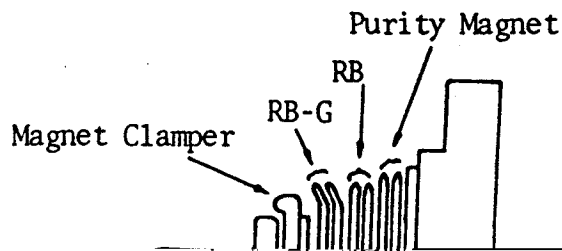
BRIGHTNESS CONTROL MAX. POSITION
 CONTRAST CONTROL MAX. POSITION

For Service Manuals Contact
 MAURITRON TECHNICAL SERVICES
 8 Cherry Tree Rd, Chinnor
 Oxon OX9 4QY
 Tel: 01844 351601 Fax: 01844 351602

4. Adjust SUB-BRIGHTNESS control (VR 405) the reading of 500uA.

XVI. CONVERGENCE ADJUSTMENT (SEE FIG. 9)

1. Receive a dotted pattern.
2. Unfix the convergence magnet clumper and align red with blue dots at the center of the screen by rotating (R,B) static convergence magnets.
3. Align Red / Blue with green dots at the center of the screen by rotating (RB-G) static convergence magnet.
4. Fix the convergence magnets by turning the clumper.
5. Remove the DY wedges and slightly tilt the deflection yoke horizontally and vertically to obtain the good overall convergence.
6. Fix the deflection yoke by wedges.
7. If purity error is found, follow "PURITY ADJUSTMENT" instructions.



VOLTAGE TABLE FOR TRANSISTOR

Cherry Tree Rd, Chinnor
Oxon OX9 4QY
Tel: 01844-351694 Fax: 01844-352554
Email: enquiries@maurifron.co.uk

SYMBOL	B (V)	C (V)	E (V)
Q101	0.09	21.30	GND
Q102	1.00	7.51	0.26
Q201	0.73	0.12	GND
Q301	0.0063	3.63	GND
Q302	0.0063	3.63	GND
Q303	6.25	6.12	0.83
Q304	0.71	0.10	GND
Q401	0.61	5.27	GND
Q402	0.10	111.00	GND
Q501	3.00	153.00	3.40
Q502	6.90	156.00	6.40
Q503	3.14	150.00	3.60
Q504	6.90	150.00	6.30
Q505	6.90	153.00	6.32
Q601	4.75	0.005	0.005
Q602	0.01	4.75	GND
Q603	0.75	0.01	GND
Q604	6.20	10.40	5.50
Q605	-7.40	5.00	GND
Q606	0	4.70	GND
Q607	0	0.80	GND
Q611	0	1.20	GND
Q612	0	0.03	GND
Q613	0	0.66	GND
Q614	0.04	0.73	0
Q615	12.00	0	GND
Q181	3.50	10.00	4.00
	S (V)	G (V)	D (V)
Q103	4.46	0.07	7.63

NOTE : VOLTAGE ARE TAKEN UNDER TUNED CONDITION WITH

CONTRAST : Maximum Position

BRIGHTNESS : Center Position

COLOR : Center Position

SIGNAL INPUT : 80 dBuV

CHANNEL SETTING : The Last Channel of UHF High

VOLTAGE TABLE FOR IC					
SYMBOL PIN NO	IC101 (V)	IC201 (V)	IC301 (V)	IC401 (V)	IC402 (V)
1	2.89	0.6	4.1	259	GND
2	2.1	0.52	11.2	112	12.7
3	6	0.00	4	GND	26
4	GND	GND	3.94	112	0.7
5	6.21	7.4	1	NC	0.08
6	4.3	15.3	8.85		1.72
7	4.29	15.2	6.62		24.8
8	4.29	9.4	8.36		
9	4.3		5.71		
10	4.59		6.93		
11	5		GND		
12	GND		8.64		
13	7.83		9.15		
14	4.22		3.3		
15	3.42		3.3		
16	3.77		7.8		
17	7.16		3.9		
18	7.16		7.9		
19	3.77		3.9		
20	10.5		7		
21	4.49		7		
22	4.49		7		
23	5.53		6.2		
24	4.49		0.84		
25			5		
26			7.76		
27			7.56		
28			-0.3		
29			2.7		
30			0.7		
31			GND		
32			0.3		
33			8.2		
34			4.6		
35			4.42		
36			2.8		
37			-0.64		
38			0.66		
39			2.7		
40			8.2		
41			7		
42			8		

For Service Manuals Contact
MAURITRON TECHNICAL SERVICES
8 Cherry Tree Rd, Chinnor
Oxon OX9 4QY
Tel:- 01844-351694 Fax:- 01844-352554
Email:- enquiries@mauritron.co.uk

NOTE: VOLTAGE ARE TAKEN UNDER TUNED CONDITION WITH
CONTRAST : MAXIMUM POSITION
BRIGHTNESS : CENTER POSITION
COLOR : CENTER POSITION
SIGNAL INPUT : 80 dBuV
CHANNEL SETTING : THE LAST CHANNEL OF UHF HIGH

VOLTAGE TABLE FOR REMOTE IC ONLY

SYMBOL PIN NO	IC601	IC602	IC801
	(V)	(V)	(V)
1	0.04	GND	2.12
2	GND	2.4	4.68
3	0.04	4.7	0.06
4	NC	5	NC
5	NC	4.77	GND
6	NC	4.7	GND
7	NC	3.89	2.14
8	4.82	4.75	2.15
9	-31.2	1.83	5.25
10	NC	4.73	1.35
11	0	4.73	
12	NC	4.73	
13	NC	4.73	
14	NC	4.7	
15	0.04	4.69	
16	0.04	4.7	
17		0.12	
18		0.04	
19		0.04	
20		0.04	
21		0.04	
22		0.039	
23		0.039	
24		0.039	
25		0.19	
26		0.039	
27		0.038	
28		0.038	
29		1.42	
30		0.03	
31		0.1	
32		0.1	
33		0.1	
34		8.4	
35		2.87	
36		1.21	
37		10.5	
38		10.5	
39		0.19	
40		2.36	
41		2.26	
42		4.76	

NOTE : VOLTAGE ARE TABLE UNDER TUNED CONDITION WITH

CONTRAST : MAXIMUM POSITION

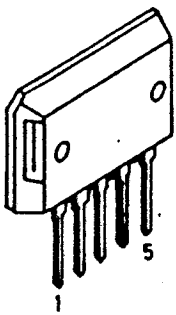
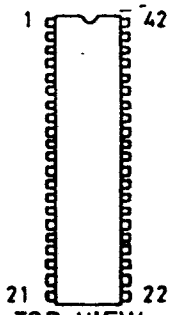
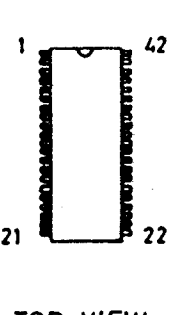
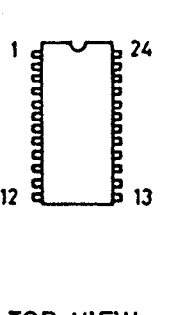
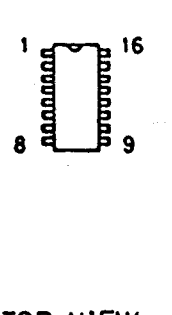
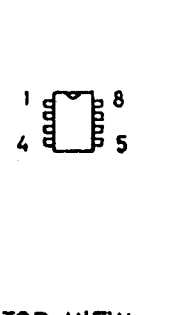
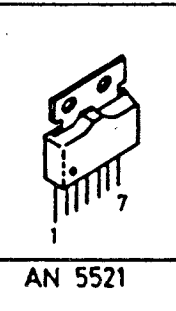
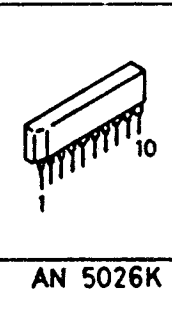
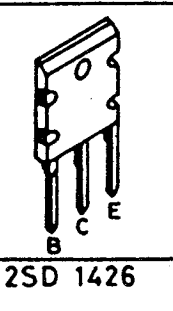
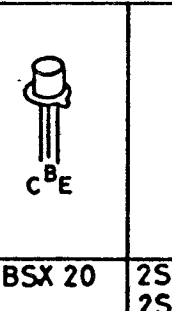
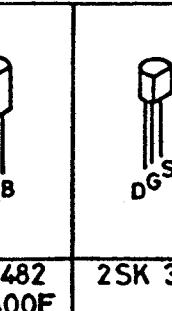
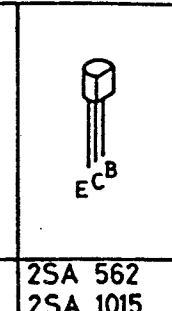
BRIGHTNESS : CENTER POSITION

COLOR : CENTER POSITION

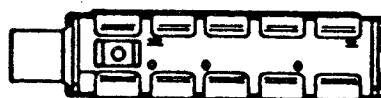
SIGNAL INPUT : 80 dBuV

CHANNEL SETTING : THE LAST CHANNEL OF UHF HIGH

TRANSISTOR AND IC IDENTIFY :

					
STR 5412	TA 7698AP	MN 15245	TA 7680AP	MN 1220	TBA 820M
					
AN 5521	AN 5026K	2SD 1426	BSX 20	2SC 2482 2SD 400F	2SA 562 2SA 1015 2SC 388A 2SC 1815Y

PICTORIAL VIEW OF TUNER :

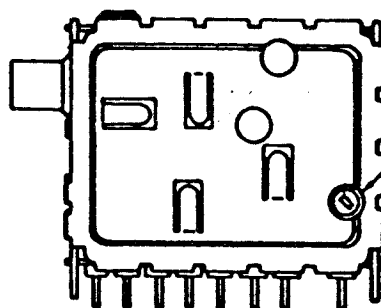


Terminal NO.	1	2	3	4	5	6	7	8	9
Terminal name	BU	VT	BH	AGC	BL	AFT	BM	IF	V/U ANT

IF PINING ADJUST

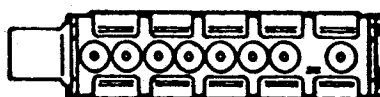


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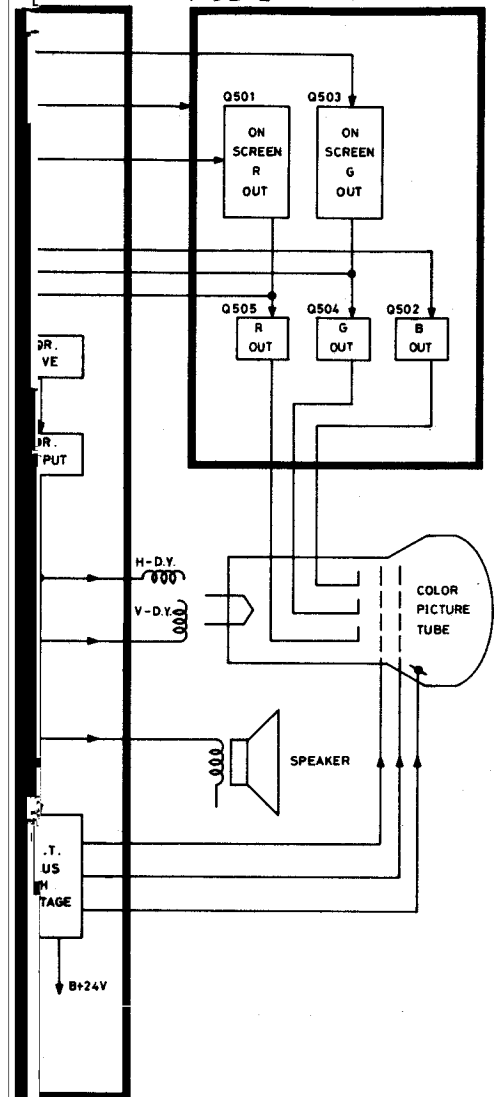


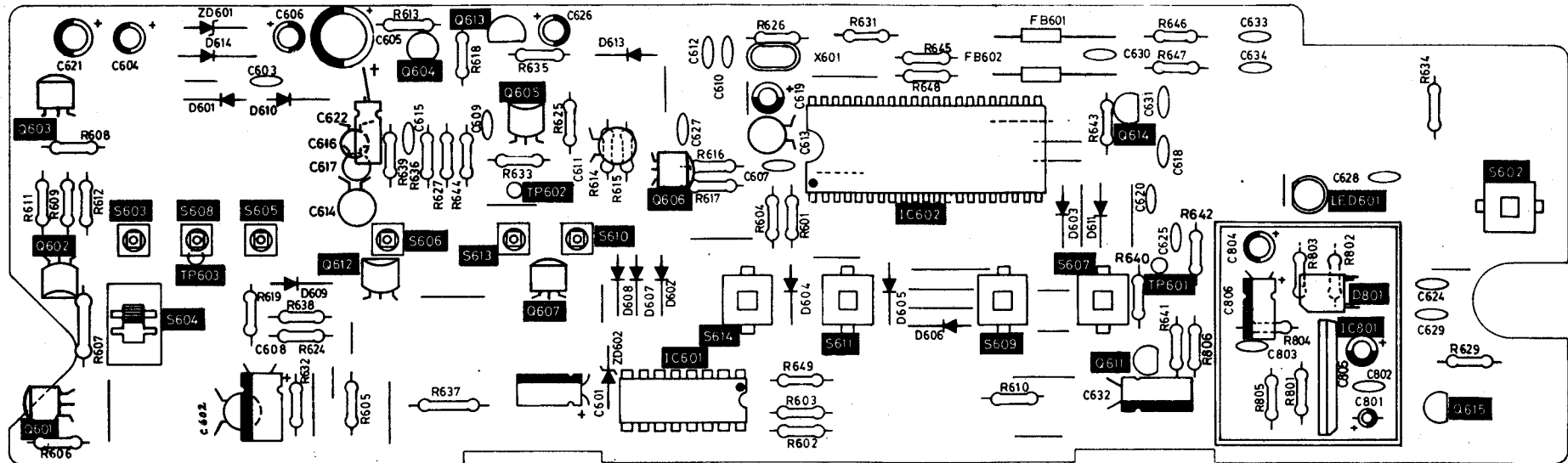
SUPPLY VOLTAGE (V)				
Term.	ch.	VHF LO	VHF HI	UHF
7	BM	12	12	12
5	BL	12	Open	12
3	BH	Open	12	Open
1	BU	Open	Open	12

①②③④⑤⑥⑦ ⑧

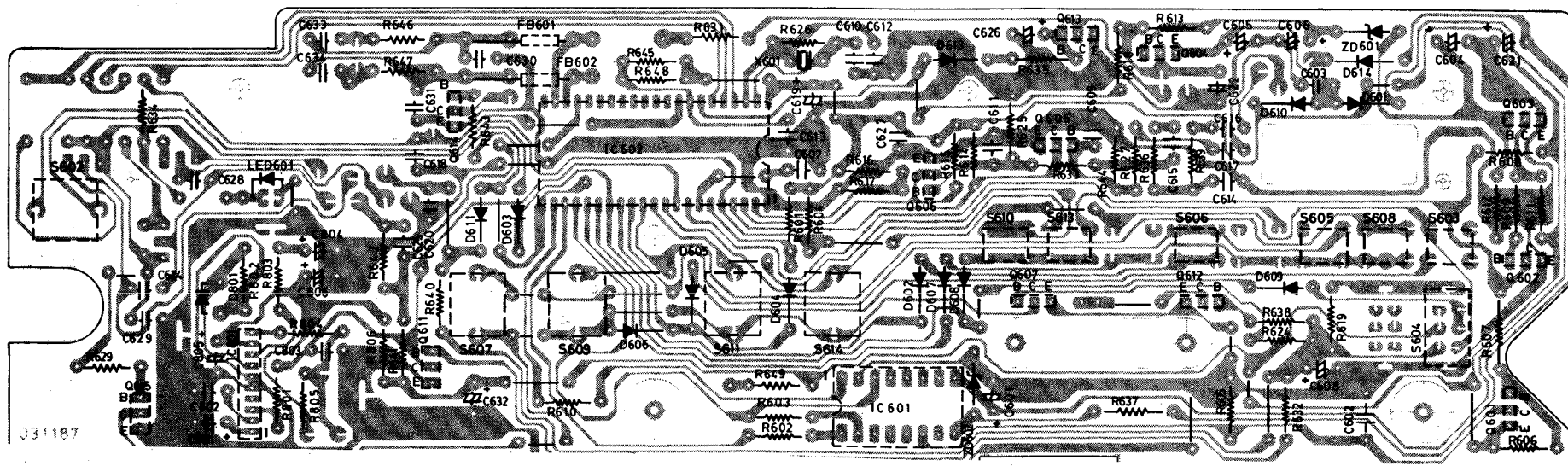


PCB 2

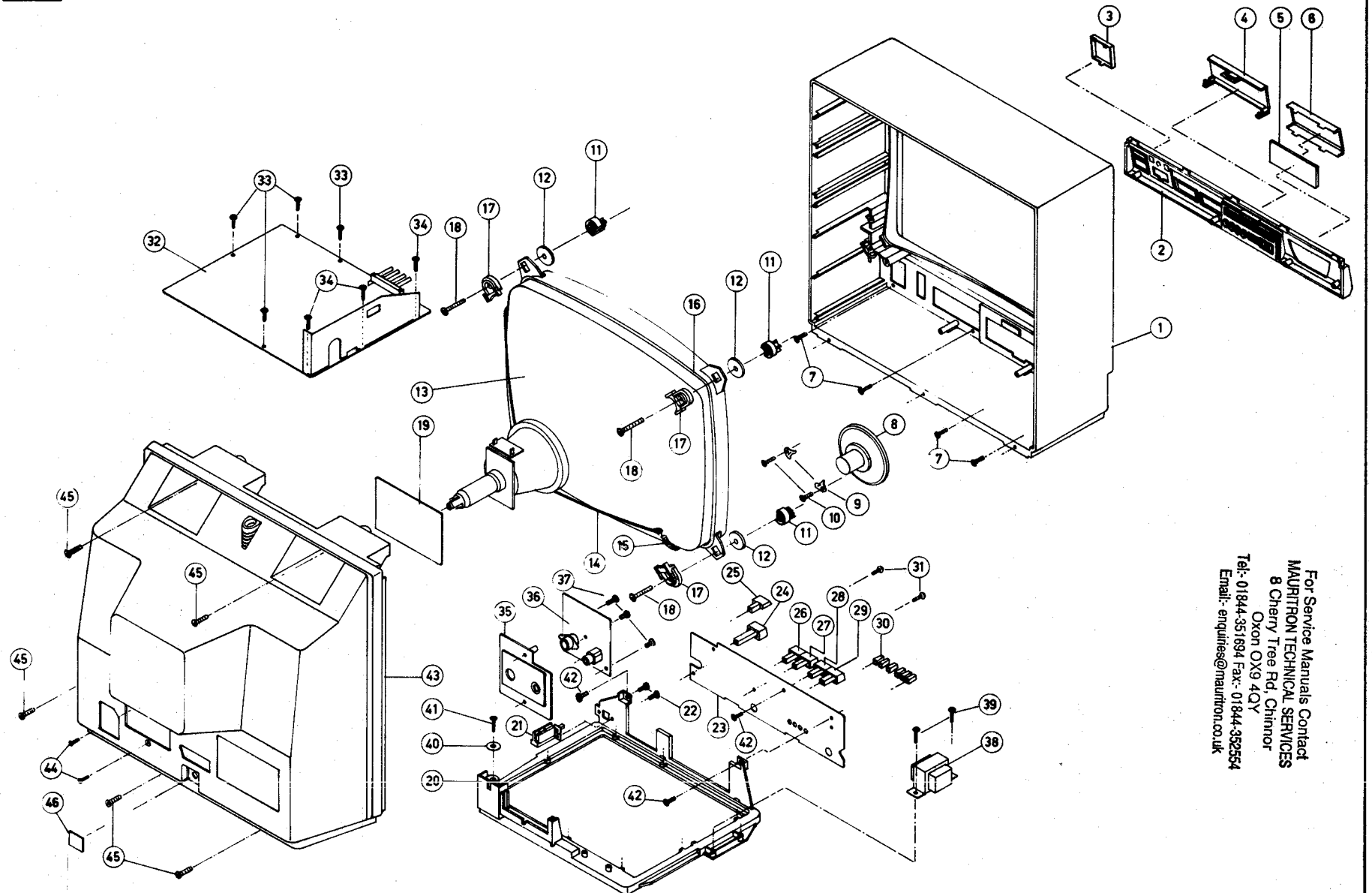




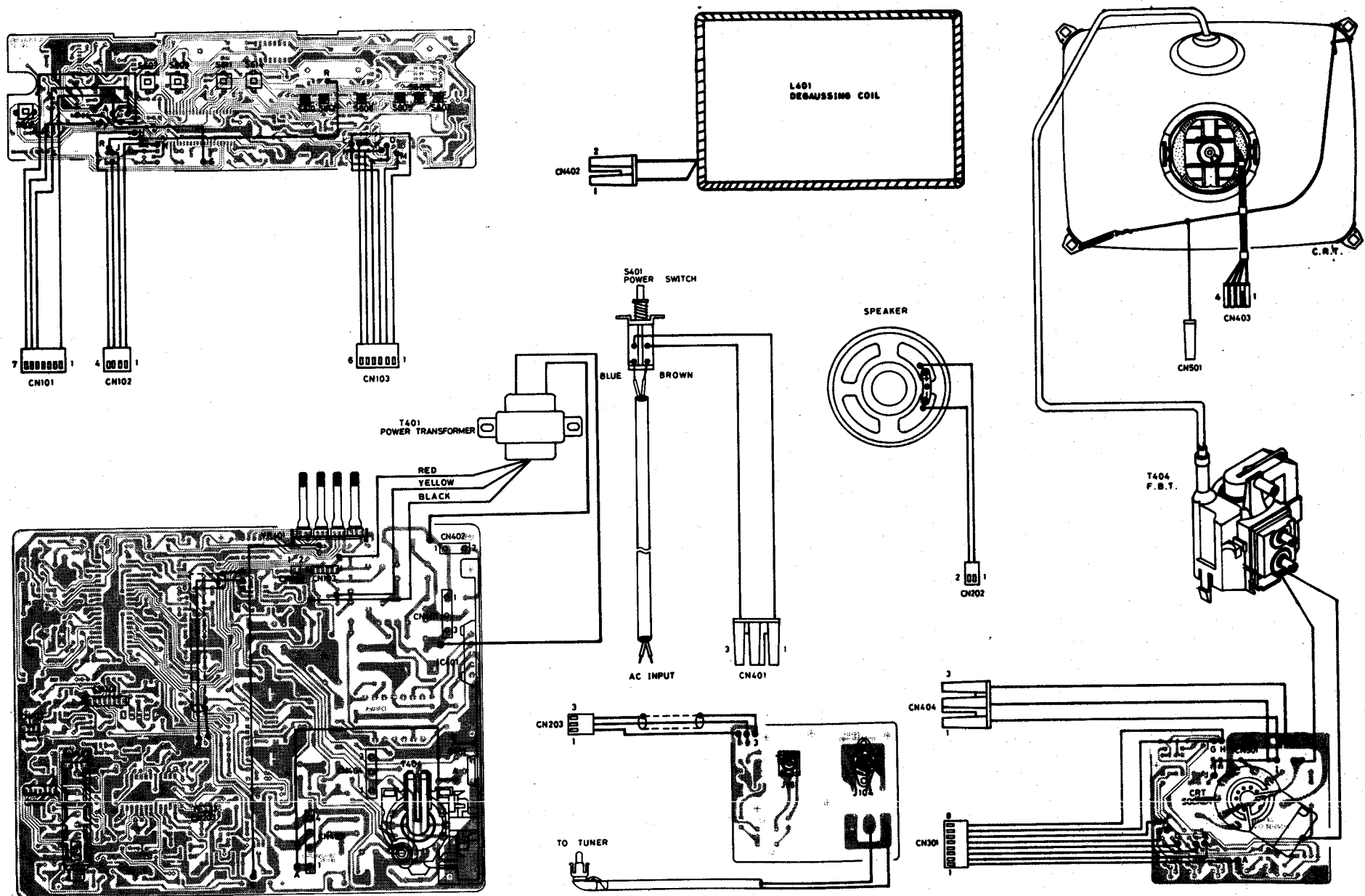
(BOTTOM VIEW)



K-39151



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 8 Cherry Tree Rd, Chinnor
 Oxon OX9 4QY
 Tel: 01844-351694 Fax: 01844-352554
 Email: enquiries@mauritron.co.uk



PART NUMBER	DESCRIPTION
001-160003-96	DRIVE TRANSFORMER (OUTPUT) H1425
001-190010-96	HORIZONTAL DRIVE TRANSFORMER AT-19E-R0710
001-330003-94	SWITCHING TRANSFORMER LS-33 (G-4C)
001-353915-42	REMOTE TRANSFORMER EI-35 BS STANDARD
002-370000-09	TANK IFT COIL 703-025 PCT
002-670000-09	SOUND IFT COIL 703-024 PCT
002-770000-09	CHROMA IFT COIL 703-C23 PCT
002-970000-09	IFT TV COIL 703-029 PCT
006-210012-02	RELAY 12V VS 12MB 12VDC TV-5
007-106000-16	TRAP FILTER 6.0 MHZ TPS6.0B
007-300455-46	CERAMIC RESONATOR 455 KHZ CS8455EB
007-306000-06	CERAMIC FILTER 6.0 MHZ SFE6.0MS
007-739000-09	SAW FILTER 39.5 MHZ HW2211
013-100205-22	FLAME PROOF CARBON FILM RESISTOR 10 OHM $\frac{1}{2}$ W
013-101005-12H	CARBON FILM RESISTOR 100 OHM 1/16W 5%
013-101205-22	FLAME PROOF RESISTOR KOARDF50ST52
013-102005-12H	CARBON FILM RESISTOR 1K OHM 1/16W 5%
013-102205-12	CARBON FILM RESISTOR 1K OHM $\frac{1}{2}$ W 5%
013-103005-12	CARBON FILM RESISTOR 10K OHM 1/16W 5%
013-103005-12H	CARBON FILM RESISTOR 10K OHM 1/16W 5%
013-103205-12	CARBON FILM RESISTOR 10K $\frac{1}{2}$ W 5%
013-103405-75	FIXED METAL OXIDE FILM RESISTOR
013-104005-12	CARBON FILM RESISTOR 100K OHM 1/16W 5%
013-104005-12H	CARBON FILM RESISTOR 1M OHM 1/16W 5%
013-109005-12	CARBON FILM RESISTOR 1 OHM 1/16W 5%
013-109005-12H	CARBON FILM RESISTOR 1 OHM 1/16W 5%
013-121005-12	CARBON FILM RESISTOR 120 OHM 1/16W 5%
013-122005-12	CARBON FILM RESISTOR 1.2K OHM 1/16W 5%
013-122005-12H	CARBON FILM RESISTOR 1.2K OHM 1/16W 5%
013-122205-12	CARBON FILM RESISTOR 1.2K OHM 1/2W 5%
013-123005-12H	CARBON FILM RESISTOR 12K OHM 1/16W 5%
013-123405-75	FIXED METAL OXIDE FILM RESISTOR 12K OHM
013-124005-12H	CARBON FILM RESISTOR 120K OHM 1/16W 5%
013-151005-12	CARBON FILM RESISTOR 150 OHM 1/16W 5%
013-152005-12	CARBON FILM RESISTOR 1.5K OHM 1/16W 5%
013-152005-12H	CARBON FILM RESISTOR 1.5K OHM 1/16W 5%
013-153005-12	CARBON FILM RESISTOR 15K OHM 1/16W 5%
013-153005-12H	CARBON FILM RESISTOR 15K OHM 1/16W 5%
013-154005-12H	CARBON FILM RESISTOR 150K OHM 1/16E 5%
013-154205-22	FLAME PROOF CARBON FILM RESISTOR KOARDF50ST52
013-182005-12H	CARBON FILM RESISTOR 1.8K OHM 1/16W 5%
013-184005-22	FLAME PROOF CARBON FILM RESISTOR KOARDF50ST52
013-204005-12H	CARBON FILM RESISTOR 200K OHM 1/16W 5%
013-220205-12	CARBON FILM RESISTOR 22 OHM 1/2W 5%
013-220305-75	FIXED METAL OXIDE FILM RESISTOR
013-221005-12	CARBON FILM RESISTOR 220 OHM 1/16W 5%
013-221005-12H	CARBON FILM RESISTOR 220 OHM 1/16W 5%
013-221205-12	CARBON FILM RESISTOR 220 OHM 1/2W 5%
013-221305-75	FIXED METAL OXIDE FILM RESISTOR
013-222005-12H	CARBON FILM RESISTOR 2.2K OHM 1/16W 5%
013-223005-12	CARBON FILM RESISTOR 22K OHM 1/16W 5%
013-223005-12H	CARBON FILM RESISTOR 22K OHM 1/6W 5%
013-223101-72	FIXED METAL OXIDE FILM RESISTOR
013-224005-12H	CARBON FILM RESISTOR 220K OHM 1/16W 5%
013-229305-82	FLAME PROOF FUSING RESISTOR 2.2 OHM
013-240005-12H	CARBON FILM RESISTOR 24 OHM 1/16W 5%
013-242005-12H	CARBON FILM RESISTOR 2.4K OHM 1/16W 5%
013-234005-12H	CARBON FILM RESISTOR 24K OHM 1/16W 5%
013-270005-12H	CARBON FILM RESISTOR 27 OHM 1/16W 5%
013-271005-12H	CARBON FILM RESISTOR 270 OHM 1/16W 5%

PART NUMBER	DESCRIPTION
013-272005-12	CARBON FILM RESISTOR 2.7K OHM 1/16W 5%
012-272005-12H	CARBON FILM RESISTOR 2.7K OHM 1/16W 5%
013-272205-22	FLAME PROOF CARBON FILM RESISTOR KOARDF50ST52
013-273005-12H	CARBON FILM RESISTOR 27K OHM 1/16W 5%
013-274101-72	FIXED METAL OXIDE FILM RESISTOR
013-331005-12H	CARBON FILM RESISTOR 330 OHM 1/16W 5%
013-331205-12	CARBON FILM RESISTOR 330 OHM 1/2W 5%
013-332005-12	CARBON FILM RESISTOR 3.3K OHM 1/16W 5%
013-332005-12H	CARBON FILM RESISTOR 3.3K OHM 1/16W 5%
013-332605-75	FIXED METAL OXIDE FILM RESISTOR 3.3K OHM
013-333005-12H	CARBON FILM RESISTOR 33K OHM 1/16W 5%
013-334005-12H	CARBON FILM RESISTOR 330K OHM 1/16W 5%
013-339305-82	FLAME PROOF FUSING RESISTOR
013-362005-12H	CARBON FILM RESISTOR 3.6K OHM 1/16W 5%
013-363005-12H	CARBON FILM RESISTOR 36K OHM 1/16W 5%
013-392005-12H	CARBON FILM RESISTOR 3.9K OHM 1/16W 5%
013-393005-12H	CARBON FILM RESISTOR 39K OHM 1/16W 5%
013-470005-12	CARBON FILM RESISTOR 47 OHM 1/16W 5%
013-470005-12H	CARBON FILM RESISTOR 47 OHM 1/16W 5%
013-471005-12	CARBON FILM RESISTOR 470 OHM 1/16W 5%
013-471005-12H	CARBON FILM RESISTOR 470 OHM 1/6W 5%
013-471205-22	FLAME PROOF CARBON FILM RESISTOR 470 OHM 1/2W
013-472005-12H	CARBON FILM RESISTOR 4.7K OHM 1/16W 5%
013-473005-12H	CARBON FILM RESISTOR 47K OHM 1/16W 5%
013-510405-75	FIXED METAL OXIDE FILM RESISTOR
013-561005-12H	CARBON FILM RESISTOR 560 OHM 1/16W 5%
013-562005-12H	CARBON FILM RESISTOR 5.6K OHM 1/16W 5%
013-563005-12H	CARBON FILM RESISTOR 56K OHM 1/16W 5%
013-564005-12H	CARBON FILM RESISTOR 560K OHM 1/16W 5%
013-569605-54	CEMENT RESISTOR 5.6 OHM 5W 5%
013-680005-12H	CARBON FILM RESISTOR 68 OHM 1/16W 5%
013-681005-12H	CARBON FILM RESISTOR 680 OHM 1/6W 5%
013-681205-22	FLAME PROOF CARBON FILM RESISTOR 680 OHM
013-682005-12H	CARBON FILM RESISTOR 6.8K OHM 1/16W 5%
013-682505-75	FIXED METAL OXIDE FILM RESISTOR 6.8K OHM
013-683005-12H	CARBON FILM RESISTOR 68K OHM
013-683005-12H	CARBON FILM RESISTOR 68K OHM 1/16W 5%
013-688310-82	FLAME PROOF FUSING RESISTOR
013-820205-72	FIXED METAL OXIDE FILM RESISTOR
013-821005-12H	CARBON FILM RESISTOR 820 OHM 1/16W 5%
013-822005-12H	CARBON FILM RESISTOR 8.2K OHM 1/16W 5%
013-833005-12H	CARBON FILM RESISTOR 82K OHM 1/16W 5%
013-824005-12H	CARBON FILM RESISTOR 820K OHM 1/16W 5%
014-210200-01	P.T.C. THERMISTOR "POSI-R" ZP8538L200C
022-100101-03	TRIMMER CAPACITOR 10PF ECV-1ZW1032E
026-102070-11	POLYESTER FILM CAP. ECQM1H102KV 0.001MFD
026-103071-11	POLYESTER FILM CAP. ECQM1H103KV 0.01MFD
026-104111-01	MYLAR CAPACITOR .1MFD 100V 10%
026-152071-11	POLYESTER FILM CAP. ECQM1H152KV 0.0015MFD
026-154111-01	MYLAR CAPACITOR 0.15MFD 100V 10%
026-222111-01	MYLAR CAPACITOR .0022MFD 100V 10%
026-223071-11	POLYESTER FILM CAP. ECQM1H223KV 0.022MFD
026-223111-01	MYLAR CAPACITOR 0.022MFD 100V 10%
026-274200-31	POLYPROPYLENE CAPACITOR .27MFD 200V 5%
026-332111-01	MYLAR CAPACITOR .0033MFD 100V 10%
026-333071-11	POLYESTER FILM CAP. ECQM1H333KV 0.033MFD
026-473201-31	POLYPROPYLENE CAPACITOR .047MFD 200V 10%
026-562071-11	POLYESTER CAP. ECQM1H562KV 10% 50V
026-563201-31	POLYPROPYLENE 0.056MFD 200V 10%
026-683401-11	POLYESTER CAPACITOR .068MFD 400V 10%

For Service Manuals Contact
MAURITRON TECHNICAL SERVICES
 8 Cherry Tree Rd, Chinnor
 Oxon OX9 4QY
 Tel:- 01844-351694 Fax:- 01844-352554
 Email:- enquiries@mauritron.co.uk

PART NUMBER	DESCRIPTION
030-120060-00	GERMINIUM DIODE IN60 (MATCHING PAIR)
030-510201-00	LED 'RED' (ROUND TYPE) LTD-201R
031-210562-00	TRANSISTOR 2SA 562 TM
031-211015-00	TRANSISTOR 2SA 1015
031-230388-00	TRANSISTOR 2SC 388TM
031-230945-00	TRANSISTOR 2SC 945(L) P
031-231815-26	TRANSISTOR 2SC 1815-Y
031-232001-00	TRANSISTOR 2SC 2001L
031-232482-00	TRANSISTOR 2SC 2482
031-240400-06	TRANSISTOR 2SD 400F
031-241426-00	TRANSISTOR 2SD 1426
031-250030-01	TRANSISTOR 2SK 30A
031-380020-00	TRANSISTOR BSX 20
033-107680-14	I.C. TA7680
033-200820-31	I.C. TBA820M
033-205521-11	I.C. AN5521
033-207698-14	I.C. TA7698P
033-505412-38	I.C. STR5412
033-801220-11	I.C. MN1220
033-805026-11	I.C. AN5021K
033-806030-11	I.C. MN6030J
033-815245-11	I.C. MN15245 FEH
037-400000-20	CRYSTAL 4.0000MHZ EYX-TE405S
037-443361-20	CRYSTAL 4.433681 MHZ KDO2210F
045-022411-11	SLIDE SWITCH 2P2T SS22F12G11 PIC
045-022412-11	SLIDE SWITCH 2P2T SS22F04G11 PIC
046-100001-00	AC POWER SWITCH ESB7C702V
046-100001-07	PUSH SWITCH 1P B3F-1050
046-100001-08	PUSH SWITCH KEC10903A
060-101001-08	CONTACT PIN PCB TYPE (MALE)
060-101802-08	PIN CONNECTOR 1 PIN SOCKET TS-80H-01-A1
060-102252-23	PIN CONNECTOR 2 PINS SOCKET 5051-02
060-102255-23	PIN CONNECTOR 2 PINS PLUG 5054-02A
060-102805-08	PIN CONNECTOR 2 PINS PLUG STRAIGHT TYPE
060-103252-23	PIN CONNECTOR 3 PINS SOCKET 5051-03
060-103255-23	PIN CONNECTOR 3 PINS PLUG 5054-03A
060-103802-08	PIN CONNECTOR 3 PINS SOCKET STRAIGHT TYPE
060-103805-08	PIN CONNECTOR 3 PINS PLUG STRAIGHT TYPE
060-104252-23	PIN CONNECTOR 4 PINS SOCKET 5015-04
060-104255-23	PIN CONNECTOR 4 PINS PLUG 5054-04A
060-104805-08	PIN CONNECTOR 4 PINS PLUG STRAIGHT TYPE
060-106252-23	PIN CONNECTOR 6 PINS SOCKET 5015-06
060-106255-23	PIN CONNECTOR 6 PINS PLUG 5045-06A
060-107252-23	PIN CONNECTOR 7 PINS SOCKET 5015-07
060-107255-23	PIN CONNECTOR 7 PINS PLUG 5045-07A
060-108252-23	PIN CONNECTOR 8 PINS SOCKET 5051-08
060-108255-23	PIN CONNECTOR 9 PINS PLUG 5054-08A
061-470003-00	PIN JACK (AUDIO IN) 'BLACK'
061-480001-10	ANT. JACK QA-1005
061-540005-01	CRT SOCKET HFS0171-01-073
066-161030-03	SPEAKER SMALL ROUND 1W 3" 16 OHM
071-400000-00	AC LINE CORD BS6500 STANDARD BLACK
072-122010-01	JUMPER WIRE UL1007 AWG 22 100MM BROWN
072-320020-30	JUMPER WIRE UL 1015 AWG 20 200MM BLACK
072-622010-19	JUMPER WIRE UL 1007 TOP COATED AWG 22
072-622016-14	JUMPER WIRE UL 1007 TOP COATED AWG 22
072-622028-12	JUMPER WIRE UL 1007 TOP COATED AWG 22
072-726000-00	BARE WIRE AWG 26 1KG=375M
072-830000-48	FLAT BRAIDED WIRE 1LE=82M
073-622016-13	SINGLE SHIELD WIRE UL 1185 AWG 26 160MM

PART NUMBER

DESCRIPTION

076-131018-30	75 OHM UL/CSA COAXIAL CABLE 180MM BLACK
078-101016-04	JUMPER WIRE ASS'Y UL 1007 AWG 22 160MM
078-101018-00	JUMPER WIRE ASS'Y UL 1007 AWG 22
078-101018-04	JUMPER WIRE ASS'Y UL 1007 AWG 22
078-101018-03	JUMPER WIRE ASS'Y UL 1007 AWG 22
078-101018-06	JUMPER WIRE ASS'Y UL 1007 AWG 22 180MM
078-101018-08	JUMPER WIRE ASS'Y UL 1007 AWG 22
078-101018-09	JUMPER WIRE ASS'Y UL 1007 AWG 22
078-101024-00	JUMPER WIRE ASS'Y UL 1007 AWG 22 240MM
078-101024-02	JUMPER WIRE ASS'Y UL 1007 AWG 22 240MM
078-101024-03	JUMPER WIRE ASS'Y UL 1007 AWG 22 240MM
078-101024-06	JUMPER WIRE ASS'Y UL 1007 AWG 22 240MM
078-101024-08	JUMPER WIRE ASS'Y UL 1007 AWG 22 240MM
078-101-24-09	JUMPER WIRE ASS'Y UL 1007 AWG 22 240MM
078-101026-00	JUMPER WIRE ASS'Y UL 1007 AWG 22 260MM
078-101026-01	JUMPER WIRE ASS'Y UL 1007 AWG 22
078-101026-08	JUMPER WIRE ASS'Y UL 1007 AWG 22
078-101028-06	JUMPER WIRE ASS'Y UL 1007 AWG 22 280MM
078-101034-00	JUMPER WIRE ASS'Y UL 1007 AWG 22
078-101034-01	JUMPER WIRE ASS'Y UL 1007 AWG 22
078-101034-06	JUMPER WIRE ASS'Y UL 1007 AWG 22 340MM
078-101038-02	JUMPER WIRE ASS'Y UL 1007 AWG 22
078-101-38-04	JUMPER WIRE ASS'Y UL 1007 AWG 22
078-101038-08	JUMPER WIRE ASS'Y UL 1007 AWG 22 380MM
078-101038-09	JUMPER WIRE ASS'Y UL 1007 AWG 22 380MM
078-10140-03	JUMPER WIRE ASS'Y UL 1007 AWG 22 400MM
078-106030-36	JUMPER WIRE ASS'Y UL 1007 AWG 22 300MM
078-106032-04	JUMPER WIRE ASS'Y UL 1007 AWG 22 320MM
078-106036-32	JUMPER WIRE ASS'Y UL 1015 AWG 22 360MM
078-106036-36	JUMPER WIRE ASS'Y UL 1015 AWG 22
078-206028-30	JUMPER WIRE ASS'Y UL 1015 AWG 20
078-206030-30	JUMPER WIRE ASS'Y UL 1015 AWG 20 300MM
079-104100-00	UL/CSA PVC TUBE 4.1MM DIA.
079-105800-00	UL/CSA PVC TUBE 5.8MM DIA.
079-106500-00	UL/CSA PVC TUBE 6.5MM DIA.
079-108300-00	UL/CSA PVC TUBE 8.3MM DIA.
079-501000-00	STAGHETTI TUBE 1MM DIA.
079-803000-00	UL/CSA SHRINKABLE TUBE 3.0MM DIA.
079-805000-00	UL/CSA SHRINKABLE TUBE 5.0MM DIA.
081-612016-11	SINGLE SHIELD WIRE ASS'Y AWG 26
082-220800-03	FUSE T800MA 250V 5 X 20MM SEMKO APPROVED
082-222000-03	FUSE T2A 250V 5 X 20MM SEMKO APPROVED
084-040116-05	FERRITE BEAD RBLN-0010 CEZZ
090-390008-04	P.C. BOARD (091187) T=1.6MM HANDSET
090-391501-11	P.C. BOARD (160388) PHENOLIC T=1.6MM
090-391502-01	P.C. BOARD (290687) PHENOLIC T=1.6MM
090-391503-01	P.C. BOARD (021287) PHENOLIC T=1.6MM
090-391506-21	P.C. BOARD (301287) PHENOLIC T=1.6MM
101-214008-11	FLYBACK TLF7C161 FOR 14" PAL
012-214004-19	14" CRT COLOUR ITC TYPR
103-113103-02	UK TUNER UE3C-903/R16-2516
104-504001-04	4 BLOCK VR ASS'Y 10KB-200KB
105-010103-00	FIXED INDUCTOR COIL 1 UH 10%
105-109104-03	FIXED INDUCTOR COIL 1.0 UH 10%
105-150101-02	FIXED INDUCTOR COIL 15 UF 10%
105-181101-02	FIXED INDUCTOR COIL 180 UH 10%
105-330101-02	FIXED INDUCTOR COIL ELO606SKI-330K
105-568103-12	FIXED INDUCTOR COIL .56 UH EC1645-R56M
105-569101-02	FIXED INDUCTOR COIL 5.6 UH TDK
105-600101-01	FIXED INDUCTOR COIL 60 UH +-10%

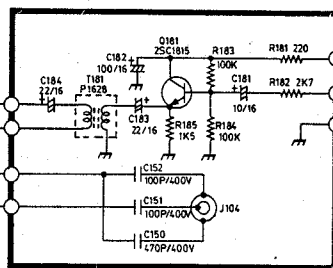
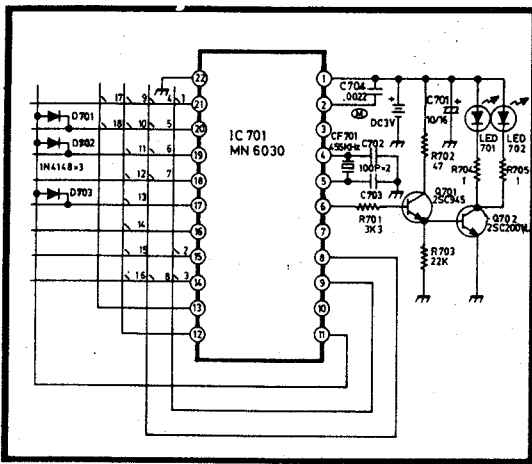
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PART NUMBER	DESCRIPTION
105-650052-03	FIXED INDUCTOR COIL 65 UH 5%
105-829101-02	FIXED INDUCTOR COIL 8.2 UH
108-400140-02	DEGAUSING COIL ASS'Y 40T VDE APPROVED
112-102321-08	SEMI-FIXED RESISTOR 8-1K OHM
112-103321-08	SEMI-FIXED RESISTOR 8-10K OHM
112-103531-08	SEMI FIXED RESISTOR 8-10K OHM
112-202321-08	SEMI-FIXED RESISTOR 2KB OHM
112-103321-08	SEMI-FIXED RESISTOR 20KB 3 PINS
112-301531-08	SEMI-FIXED RESISTOR 8-300 OHM
112-502321-08	SEMI-FIXED RESISTOR 8-75K OHM
113-100001-00	DELAY LINE EFD-EN645A11G
113-200004-00	DELAY LINE MDL-CT/R22E409
123-020300-13	CERAMIC CAPACITOR 2PF 50V 0.25PF
123-070300-13	CERAMIC CAPACITOR 7PF 50V 0.25PF CH TYPE
123-100340-13	CERAMIC CAPACITOR 10PF 50V 5%
123-101340-13	CERAMIC CAPACITOR 100PF 50V 5% CH TYPE
123-101350-10	CERAMIC CAPACITOR 100PF 50V 10% SL TYPE
123-101466-40	CERAMIC CAPACITOR 100PF 400VAC 20%
123-102370-30	CERAMIC CAPACITOR .001MFD 50V +80-20%
123-102850-40	CERAMIC CAPACITOR .001MFD 2KV 10%
123-103370-30	CERAMIC CAPACITOR 0.01MFD 50V +80-20%
123-104370-30	CERAMIC CAPACITOR .1MFD 50V +80-20%
123-121350-10	CERAMIC CAPACITOR 120PF 50V 10% SL TYPE
123-122550-40	CERAMIC CAPACITOR 1200PF 500V 10%
123-150340-13	CERAMIC CAPACITOR 15PF 50V 5% NPO TYPE
123-181350-10	CERAMIC CAPACITOR 180PF 50V 10% SL TYPE
123-200340-13	CERAMIC CAPACITOR 20PF 50V 5% CH TYPE
123-201350-13	CERAMIC CAPACITOR 200PF 50V 10% SL TYPE
123-202370-30	CERAMIC CAPACITOR 0.002MFD 50V +80-20%
123-220340-13	CERAMIC CAPACITOR 22PF 50V 5% CH TYPE
123-221350-10	CERAMIC CAPACITOR 220PF 50V 10% SL TYPE
123-272840-40	CERAMIC CAPACITOR .0027MFD 2KV 5%
123-330350-10	CERAMIC CAPACITOR 33PF 50V 10% SL TYPE
123-331340-10	CERAMIC CAPACITOR 330PF 50V 5% SL TYPE
123-390350-10	CERAMIC CAPACITOR 39PF 50V 10% SL TYPE
123-392850-40	CERAMIC CAPACITOR 0.0039MFD 2KV 10%
123-470350-10	CERAMIC CAPACITOR 47PF 50V 10% SL TYPE
123-471350-10	CERAMIC CAPACITOR 470PF 50V 10% SL TYPE
123-471466-41	CERAMIC CAPACITOR 470PF 400VAC 20%
123-472580-42	CERAMIC CAPACITOR ECK02H472PU 0.0047MFD 500V +100
123-561350-10	CERAMIC CAPACITOR 560PF 50V 10% SL TYPE
123-680350-10	CERAMIC CAPACITOR 68PF 50V 10% SL TYPE
123-821350-10	CERAMIC CAPACITOR 820PF 50V 10%
123-821840-40	CERAMIC CAPACITOR 820PF 2KV 5%
124-105061-01	TAN CAP ECSF1VE105 1MFD 35V 10%
124-106041-01	TAN CAP 10MFD 16V 10%
124-224061-01	TAN CAP ECSF1VE224 0.22MFD 35V 10%
124-225051-01	TAN CAP ECSF1EE225 2.2MFD 25V 10%
124-474061-01	TAN CAP ECSF1VE474 0.47MFD 35V 10%
127-105077-01	ELECTROLYTIC CAPACITOR 1MFD 50V 20%
127-106047-01	ELECTROLYTIC CAPACITOR 10MFD 16V 20%
127-107047-01	ELECTROLYTIC CAPACITOR 100MFD 16V 20%
127-107047-01	ELECTROLYTIC CAPACITOR 100MFD 16V 20%
127-107047-31	ELECTROLYTIC CAPACITOR 100MFD 16V 20%
127-107057-01	ELECTROLYTIC CAPACITOR 100MFD 25V 20%
127-107067-01	ELECTROLYTIC CAPACITOR 100MFD 35V 20%
127-107077-01	ELECTROLYTIC CAPACITOR 100MFD 50V +20-20%
127-107135-01	ELECTROLYTIC CAPACITOR 100MFD 160V
127-107401-01	ELECT. COND. 100MFD 400V ECES2GU101G 10%
127-108047-01	ELECTROLYTIC CAPACITOR 1000MFD 16V 20%

PART NUMBER	DESCRIPTION
127-108047-01	ELECTROLYTIC CAPACITOR 1000MFD 25V 20%
127-225077-01	ELECTROLYTIC CAPACITOR 2.2MFD 50V 20%
127-226047-01	ELECTROLYTIC CAPACITOR 22MFD 16V 20%
127-226057-01	ELECTROLYTIC CAPACITOR 22 MFD 250V
127-226215-81	ELECTROLYTIC CAPACITOR 22MFD 250V
127-227047-01	ELECTROLYTIC CAPACITOR 220 MFD 16V 20%
127-227067-01	ELECTROLYTIC CAPACITOR 220MFD 35V 20%
127-228057-01	ELECTROLYTIC CAPACITOR 2200MFD 25V 10%
127-336135-81	ELECTROLYTIC CAPACITOR 33MFD 160V
127-474077-01	ELECTROLYTIC CAPACITOR 0.47MFD 50V 20%
127-475057-01	ELECTROLYTIC CAPACITOR 4.7MFD 25V 20%
127-476027-31	ELECTROLYTIC CAPACITOR 47MFD 6.3V 20%
127-476047-01	ELECTROLYTIC CAPACITOR 47MFD 16V 20%
127-476057-01	ELECTROLYTIC CAPACITOR 47MFD 25V 20%
127-477037-31	ELECTROLYTIC CAPACITOR 470MFD 10V
127-477057-01	ELECTROLYTIC CAPACITOR 470MFD 16V 20%
127-477057-01	ELECTROLYTIC CAPACITOR 470MFD 25V 20%
130-131555-01	SILICON DIODE 1S1555V TPA2
130-134148-00	SILICON DIODE IN4148
130-134148-01	SILICON DIODE IN4148 AXIAL MOUNT
130-310001-00	RECTIFIER RF-1
130-310155-00	RECTIFIER DIODE FR-155
130-310156-00	RECTIFIER DIODE Rb156X4
130-314001-00	RECTIFIER IN4001
130-314002-00	RECTIFIER DIODE IN4002
130-410056-01	ZENER DIODE 5.6V AXIAL MOUNT
130-410300-01	ZENER DIODE 30V AXIAL MOUNT
130-411091-01	ZENER DIODE 9.1V MA1091-M
130-415630-00	ZENER DIODE 33V LA5630
130-601120-00	INFRAD DIODE NJL1120L
130-700302-00	PHOTO DIODE PH302
200-391501-03	CABINET FRONT RED W/RED SPRAY & CRT
201-390001-01	CABINET TOP CHARCOAL GREY ABS
202-391501-01A	CABINET BACK BLACK DOW 6075 PS
203-390001-01	CABINET BOTTOM CHARCOAL GREY ABS
210-390001-01	BATTERY COVER CHARCOAL GREY ABS
219-391501-01	FRONT CONTROL PANEL DOOR BLACK W/BLACK
220-391501-01	CHASSIS BRACKET BLACK HI-PS
229-371501-01	CRT MTG CLIP WHITE CELON
229-391502-01	CRT MTG BRACKET ABS
230-391501-01	FRONT PANEL A'A BLACK W/BLACK SPRAY
263-39000-01	FRONT LENS ABS 920 RED 207B4
263-391501-01	CABINET FRONT LENS A'A (REMOTE) RED
277-391501-02	VOLUME KNOB UP BLACK W/RED ENGRAVING ABS
277-391501-03	CHANNEL KNOB UP BLACK W/GREEN ENGRAVING
277-391501-02	VOLUME KNOB DOWN BLACK W/RED ENGRAVING
277-301502-03	CHANNEL KNOB DOWN BLACK W/GREEN
277-391503-01	STANDBY KNOB 'A' BLACK ABS
280-391502-01A	ANT TERMINAL BLACK FOR PAL SYSTEM
292-371405-02	PRE-SET KNOB GREY CONTROL 1287 GREE ABS
292-391502-01	POWER KNOB 'B' BLACK ABS (PAL)
403-391501-01	SPEAKER GRILL 'A'
411-371601-52	NAME PLATE 'ALBA' BLACK B/G LIGHT GREY
411-390002-01	NAME PLATE 'ALBA' W/18 HOLES (FOR K-39141)
412-391501-03K	MODEL NAME PLATE CTV55R ENGLISH 240V
418-371601-04	THREE COLOUR PLATE (BLACK B/G W/RED)
418-391502-01	PRE-SET OVERLAY 'A' 11 HOLES W/CLOCK
450-370601-01	SOLDERING PIN
451-701201-01	WIRE DRESS
462-370101-01	SPEAKER CLIP

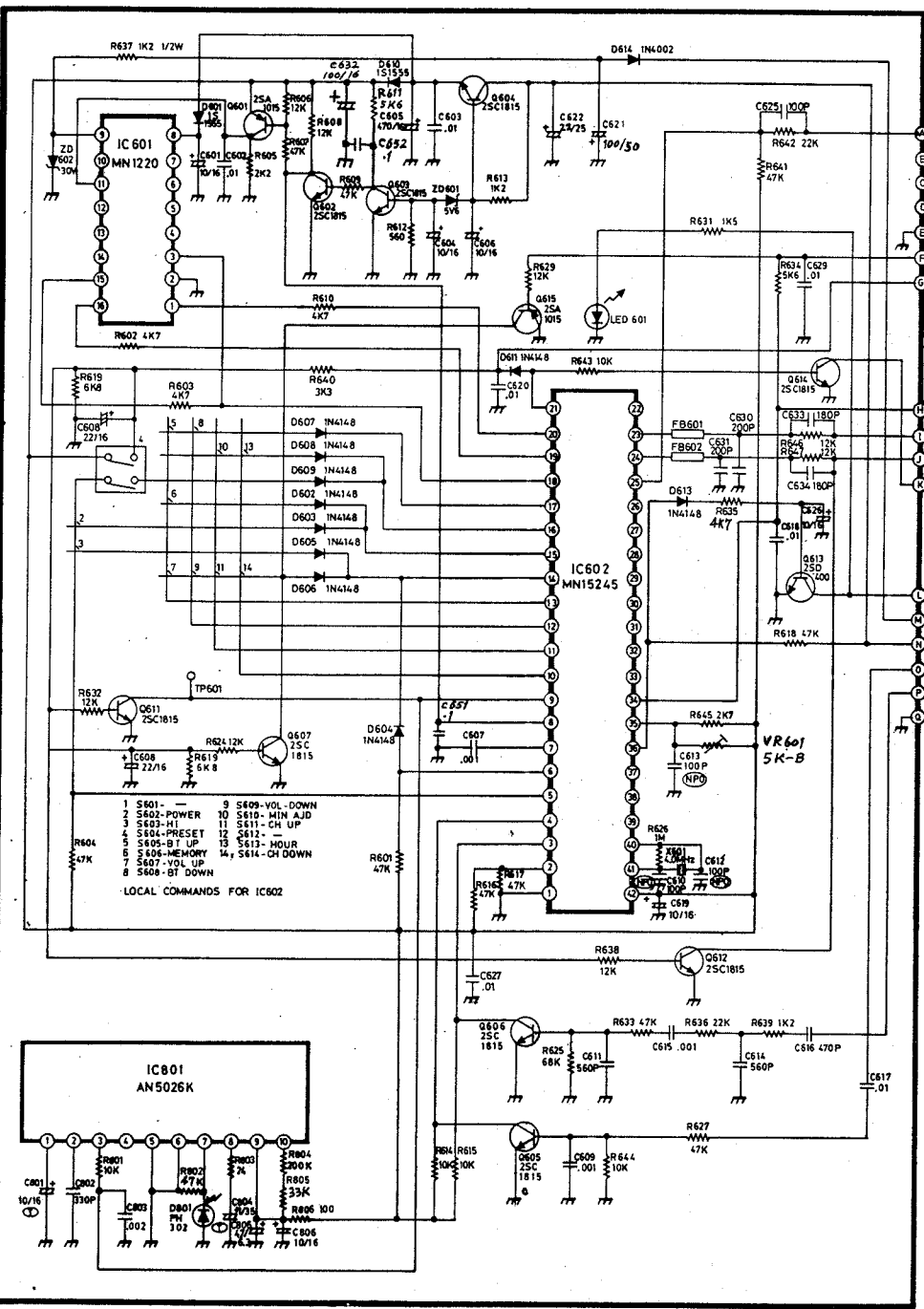
For Service Manuals Contact
MAURITRON TECHNICAL SERVICES
 8 Cherry Tree Rd, Chinnor
 Oxon OX9 4QY
 Tel: 01844-351894 Fax: 01844-352554
 Email: enquiries@mauritron.co.uk

PAR NUMBER	DESCRIPTION
466-701201-01	FUSE HOLDER
472-390001-01	BATTERY CONTACT PLATE + -VE
472-390002-01	BATTERY CONTACT PLATE +VE
472-390003-01	BATTERY CONTACT PLATE -VE
477-371601-01	CRT SPRING
481-391503-01	HEAT SINK
483-391402-01	SHIELD BOX COVER
483-391405-01	SHIELD BOX BODY FOR BS
483-391501-01	SHIELD BOX FOR REMOTE
483-391502-01	SHIELD BOX BOTTOM FOR REMOTE
484-392002-01	HEAT SINK W/SOLDERING LUG ASS'Y
485-391501-01	LOOP ANTENNA ASS'Y
530-080032-08	FIBRE WASHER (1103)
530-140033-16	FIBRE WASHER 14 X 3.3 X 1.6MM THK
569-331001-01	FUSE LABEL W/BUILT-IN THERMAL FUSE
569-331001-02	AC SOCKET LABEL AC240V/50HZ
569-331001-03	BS LINE CORD LABEL
569-370601-10	TV SYSTEM LABEL (PAL-1)
569-371401-25	LIVE CHASSIS WARNING LABEL SPECIAL FOR
569-371401-30	ADDRESS LABEL FOR ALBA
570-391501-03	I/B ENG. ALBA CTV55 240V W/R.C.
600-305006-10	MACHINE SCREW P/H 3 X 6MM WHITE
600-305008-10	MACHINE SCREW P/H 3 X 8MM WHITE
600-305012-10	MACHINE SCREW P/H 3 X 12MM WHITE
610-260108-10	SELF-TAPPING SCREW R/T 2.6 x 8MM WHITE
610-300108-10	SELF-TAPPING SCREW R/T 3 x 8MM WHITE
610-300110-10	SELF-TAPPING R/T 3 X 10MM WHITE
610-300114-00	SELF-TAPPING SCREW R/T 3.0 X 14MM BLACK
610-300114-10	SELF-TAPPING SCREW R/T 3 X 14MM WHITE
612-300110-10	SELF-TAPPING SCREW W/T 3 X 10MM WHITE
612-300114-10	SELF-TAPPING SCREW W/T 3 X 14MM WHITE
614-400412-10	SELF-TAPPING SCREW B/T 4 X 12MM WHITE
614-400416-10	SELF TAPPING SCREW B/T 5 X 38MM WHITE
620?305025-55	STEEL NUT M3
633-055032-07	SPRING WASHER (S03)
632-330032-01	MICA SHEET AC263 (FOR 2SD1426)
635-390030-01	MICA SHEET
680-101261-01	CABLE TIE
680-125503-01	WIRE TIE 125 X 0.3 X 0.1MM



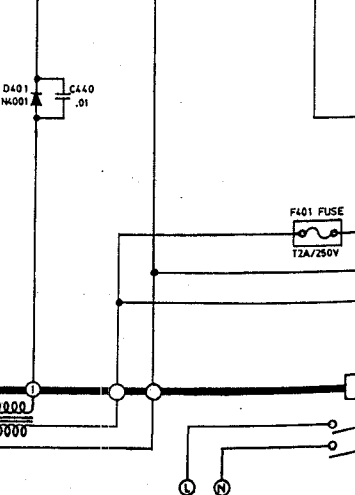
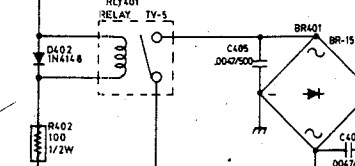
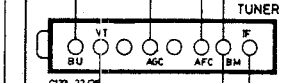
LOCAL COMMANDS FOR IC701

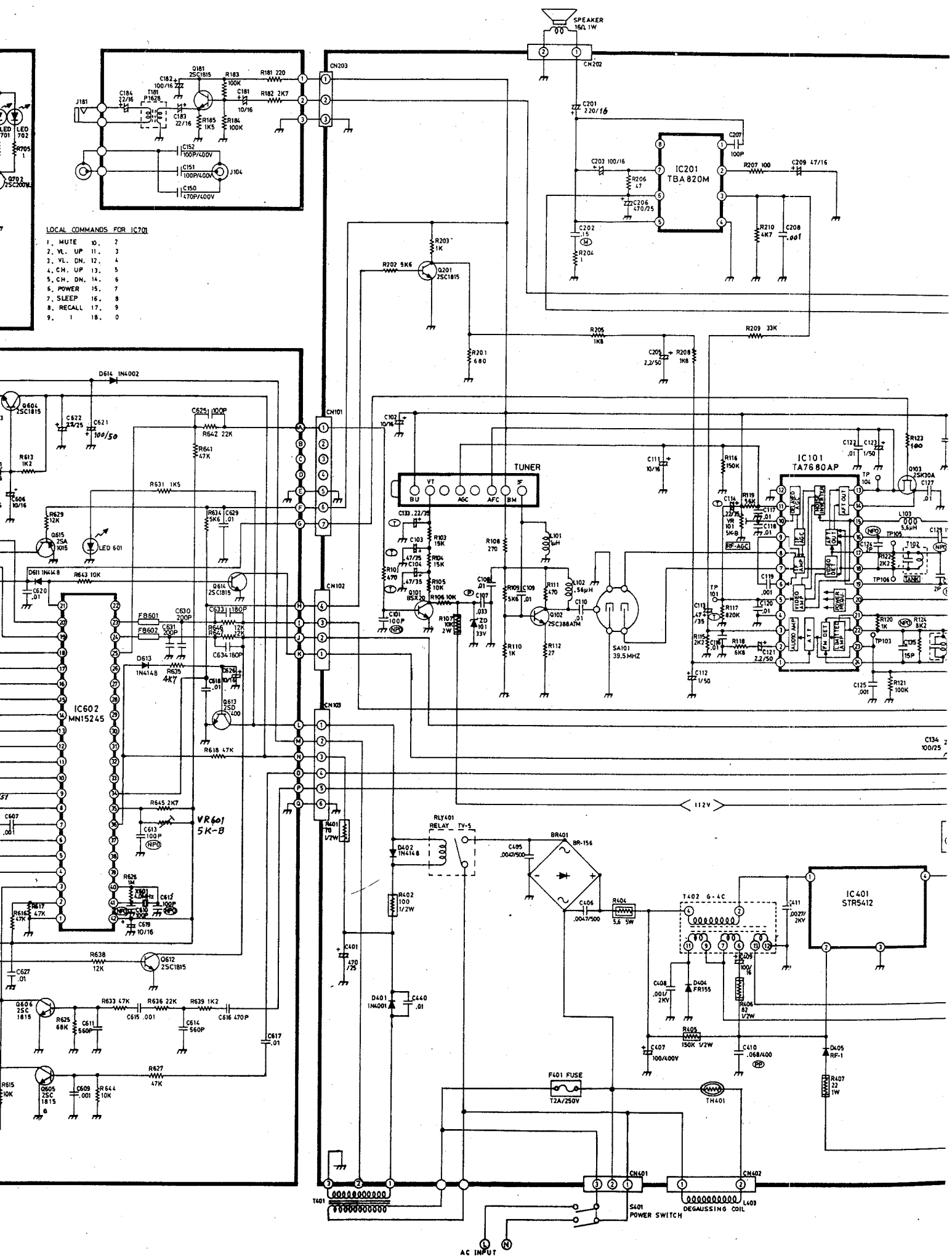
1. MUTE 10. 2
2. VL. UP 11. 3
3. VL. DN 12. 4
4. CH. UP 13. 5
5. CH. DN 14. 6
6. POWER 15. 7
7. SLEEP 16. 8
8. RECALL 17. 9
9. 1 18. 0



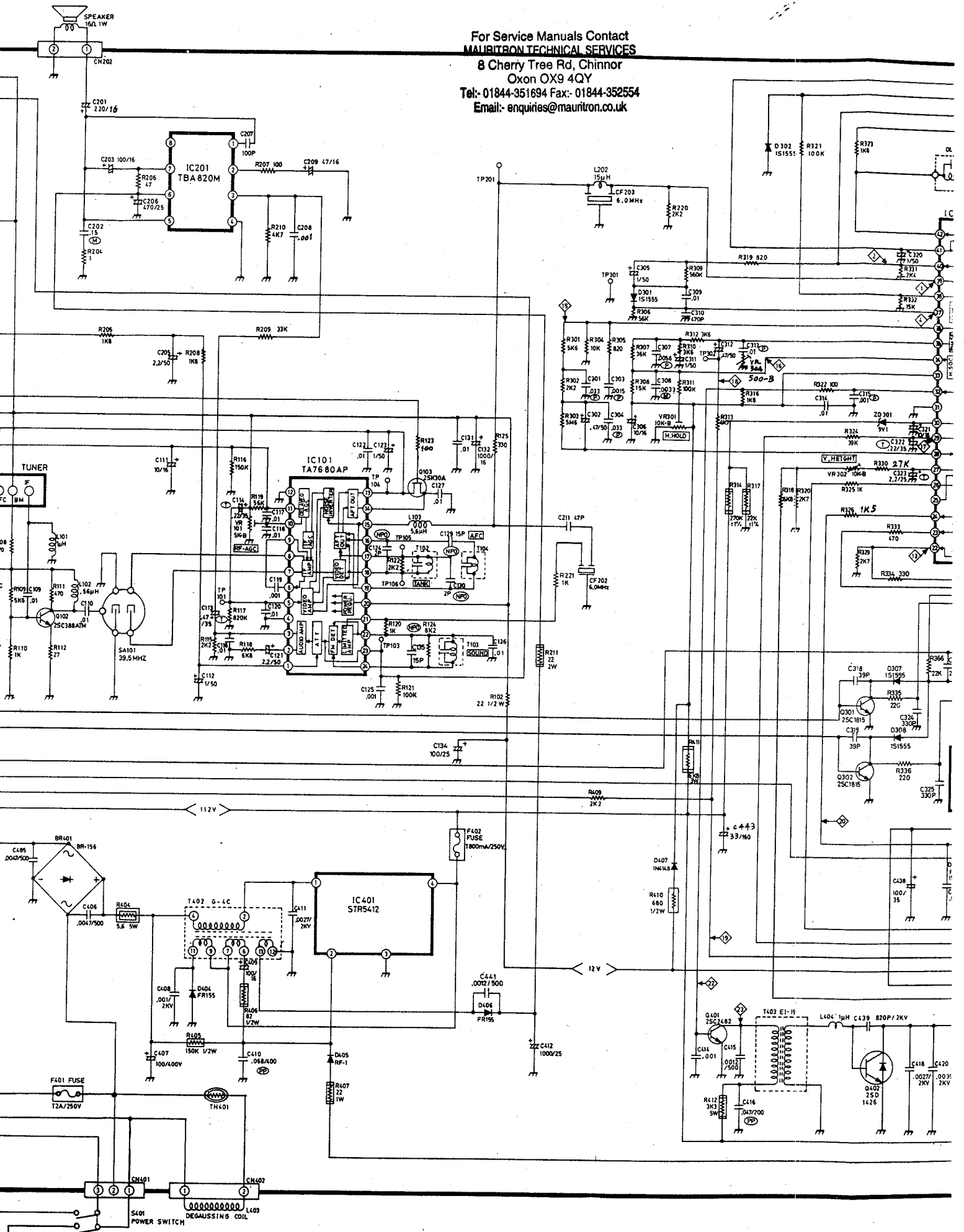
- 1 S601-POWER
- 2 S602-POWER
- 3 S603-HI
- 4 S604-PRESET
- 5 S605-BT UP
- 6 S606-MEMORY
- 7 S607-VOL UP
- 8 S608-BT DOWN
- 9 S609-VOL DOWN
- 10 S610-MIN A/D
- 11 S611-CH UP
- 12 S612-CH DOWN
- 13 S613-HOUR
- 14 S614-CH DOWN

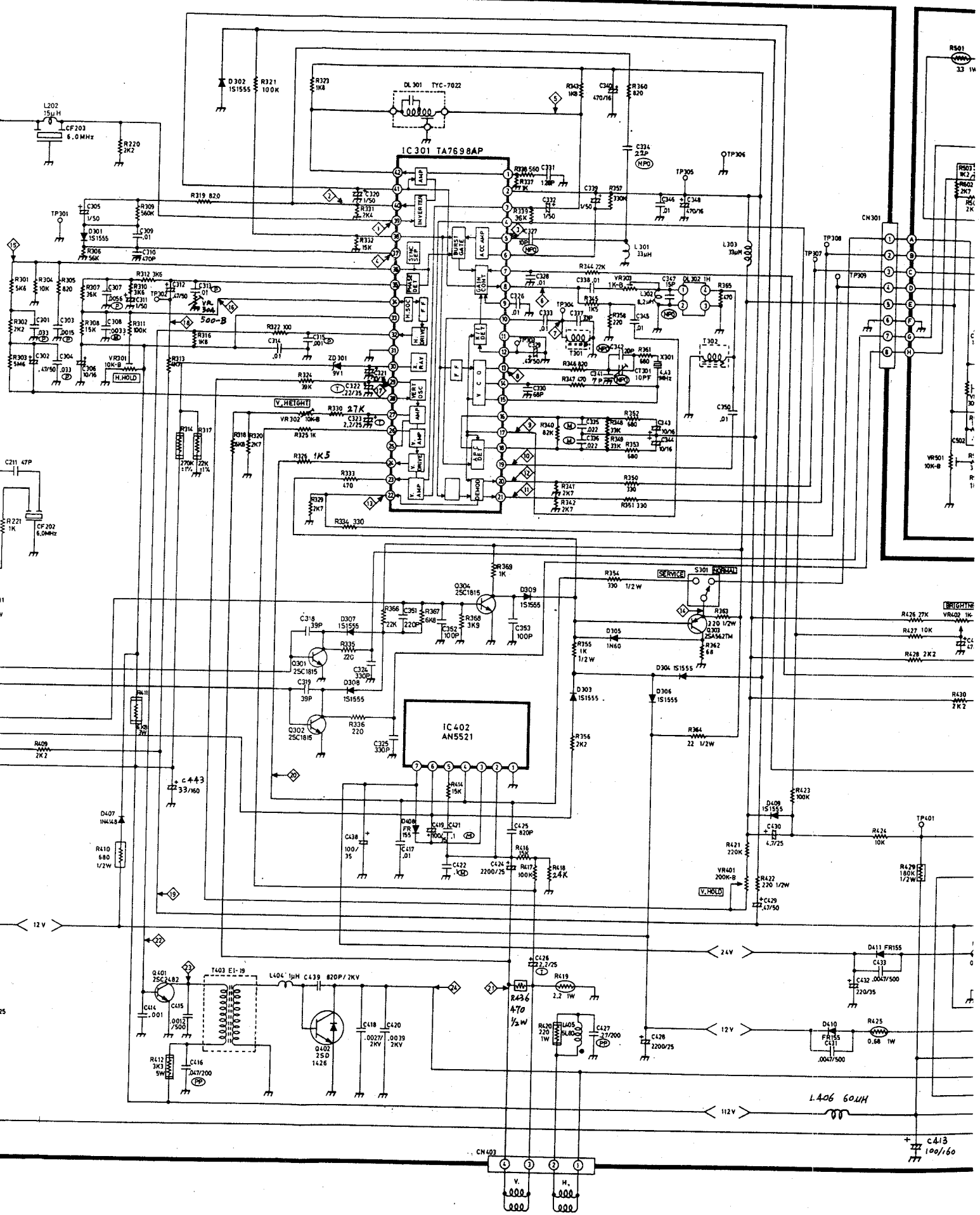
LOCAL COMMANDS FOR IC602

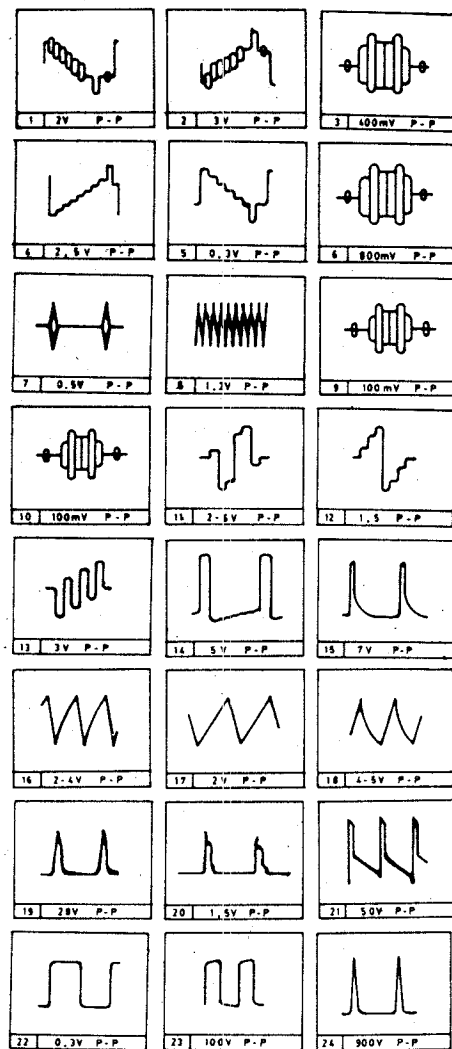
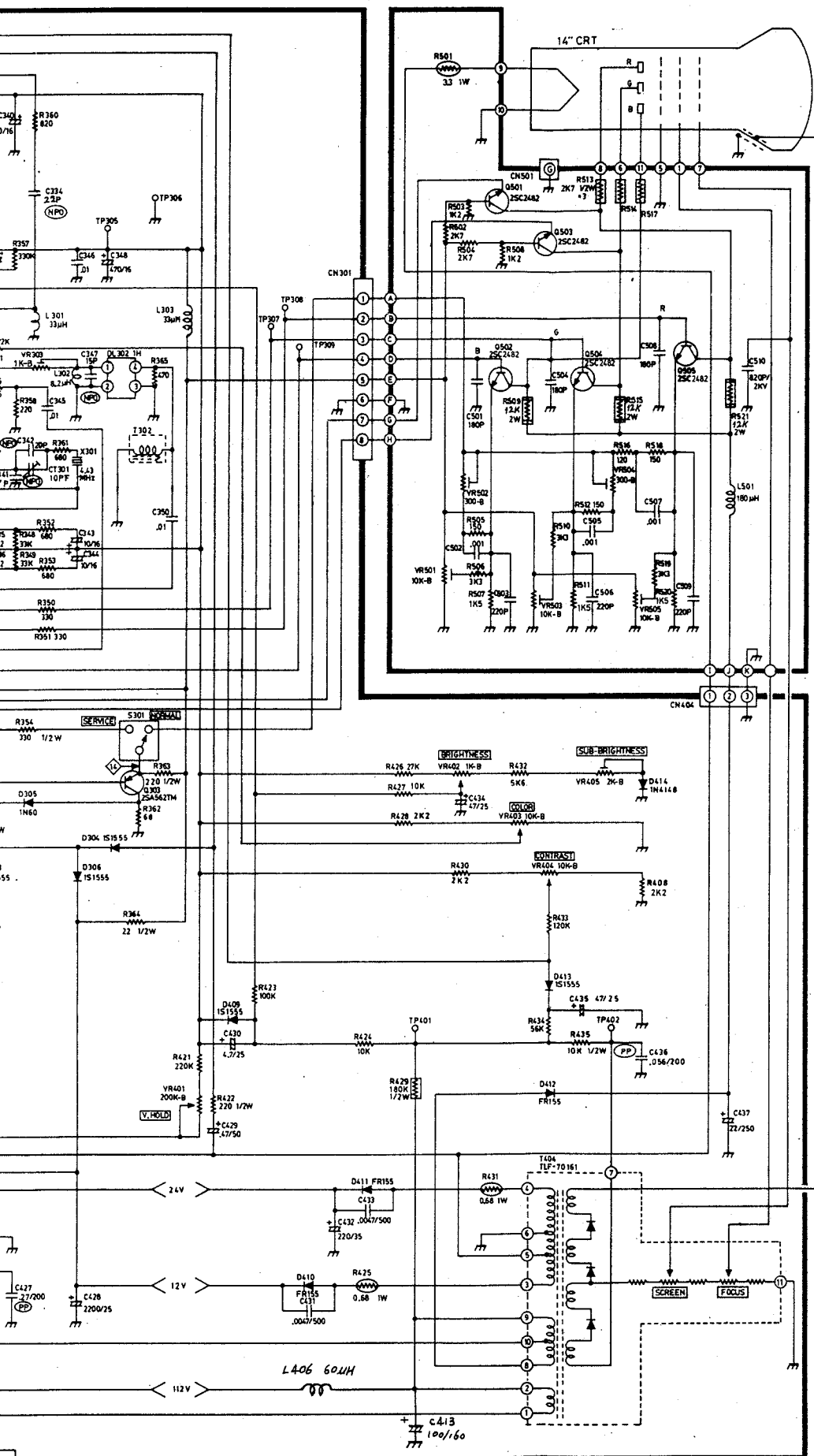




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NOTE:

- (1) ALL CAPACITORS ARE IN μF UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 50V UNLESS OTHERWISE NOTED.
- (2) CAPACITOR NOT SPECIFICALLY DESIGNATED ARE CERAMIC CAPACITORS.
 - a.) ELECTROLYTIC CAPACITOR.
 - b.) BI-POLAR ELECTROLYTIC CAPACITOR.
 - c.) TANTALUM CAPACITOR.
 - d.) METALLIZED POLYESTER.
 - e.) POLYESTER FILM CAPACITOR.
 - f.) POLYPROPYLENE CAPACITOR.
 - g.) MYLAR CAPACITOR.
- (3) ALL RESISTORS ARE IN OHM 1/16 WATT UNLESS OTHERWISE NOTED.
- (4) RESISTOR NOT SPECIFICALLY DESIGNATED ARE CARBON FILM RESISTORS.
 - a.) NONFLAMMABLE RESISTOR.
 - b.) FUSEBLE RESISTOR.
 - c.) CEMENT RESISTOR.
 - d.) METAL OXIDE RESISTOR.
 - e.) THERMISTOR.
- (5) DC VOLTAGE ARE MEASURED FROM POINTS INDICATED TO THE CIRCUIT GROUND WITH A DIGITAL MULTIMETER TEST.
- (6) WAVEFORMS ARE TAKEN WITH SETTING CONTROLS TO A NORMAL CONDITIONS (COLOR BAR PATTERN).
- (7) THIS CIRCUIT DIAGRAM IS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.

KONG WAN VIDEO ENGINEERING LTD.			
TITLE SCHEMATIC DIAGRAM			
MODEL: K-3915	SYSTEM: PAL - I		
DRAWING NO: 3915-03	COUNTRY:		
DATE: 10-11-87	REV. B (18-3-88)		
DRAWN	CHECKED	APPROD:	