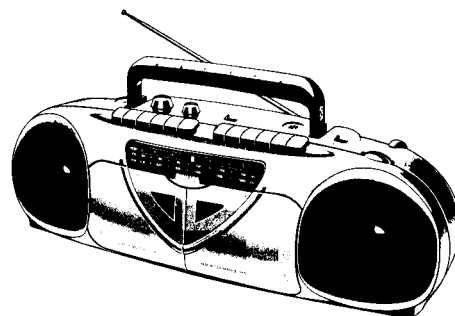


Service
Service
Service

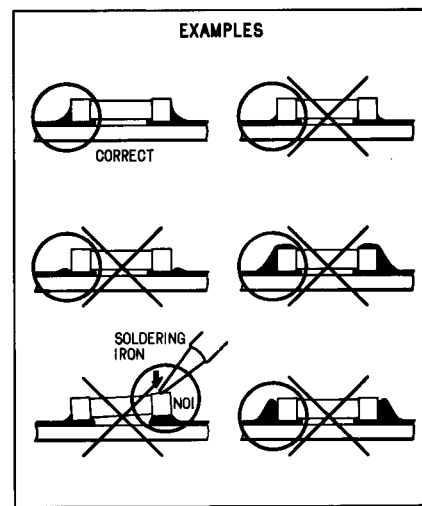
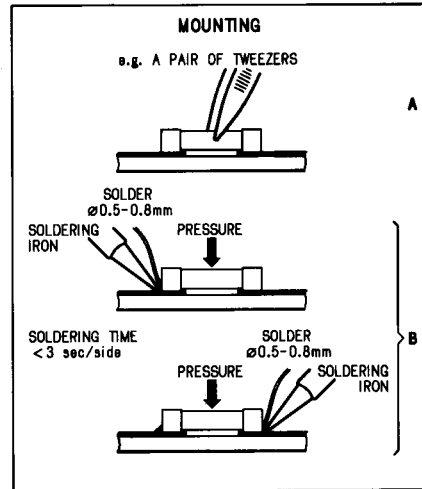
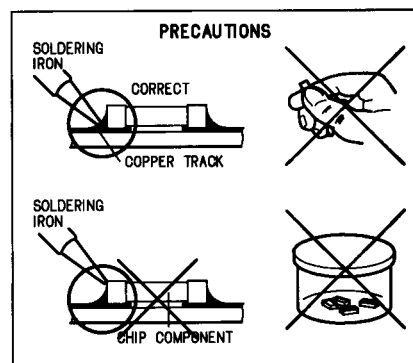
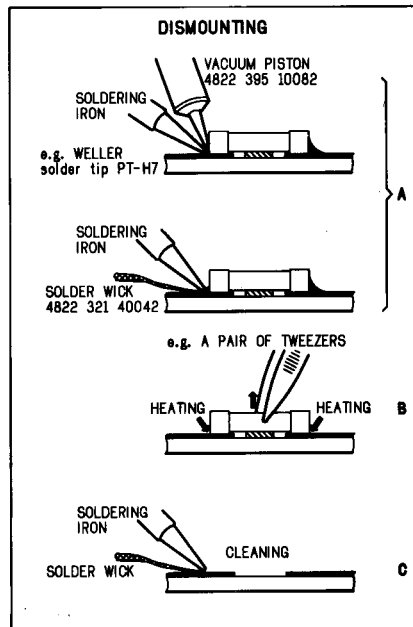
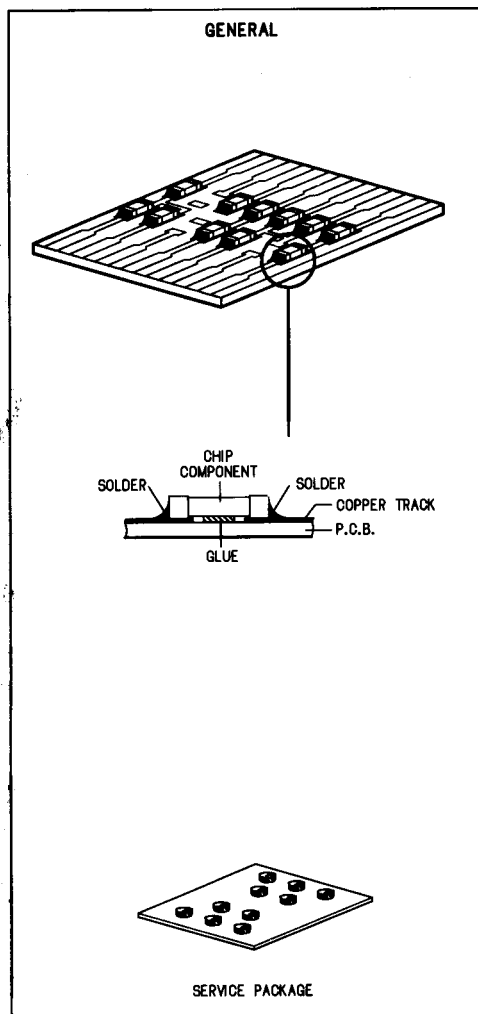


Service Manual

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HANDLING CHIP COMPONENTS



GB WARNING

All ICs and many other semiconductors are susceptible to electrostatic discharges (ESD). Careless handling during repair can reduce life drastically. When repairing, make sure that you are connected with the same potential as the mass of the set via a wrist wrap with resistance. Keep components and tools at this potential.

F ATTENTION

Tous les IC et beaucoup d'autres semi-conducteurs sont sensibles aux décharges statiques (ESD). Leur longévité pourrait être considérablement écourtée par le fait qu'aucune précaution n'est prise à leur manipulation. Lors de réparations, s'assurer de bien être relié au même potentiel que la masse de l'appareil et enfilez le braceleterti d'une résistance de sécurité. Veiller à ce que les composants ainsi que les outils que l'on utilise soient également à ce potentiel.

ESD



D WARNUNG

Alle ICs und viele andere Halbleiter sind empfindlich gegenüber elektrostatischen Entladungen (ESD). Unsorgfältige Behandlung im Reparaturfall kann die Lebensdauer drastisch reduzieren. Sorgen Sie dafür, daß sie im Reparaturfall über ein Pulsarmband mit Widerstand mit dem Massepotential des Gerätes verbunden sind. Halten Sie Bauteile und Hilfsmittel ebenfalls auf diesem Potential.

NL WAARSCHUWING

Alle IC's en vele andere halfgeleiders zijn gevoelig voor electrostatische ontladingen (ESD). Onzorgvuldig behandelen tijdens reparatie kan de levensduur drastisch doen verminderen. Zorg ervoor dat u tijdens reparatie via een polsband met weerstand verbonden bent met hetzelfde potentiaal als de massa van het apparaat. Houd componenten en hulpmiddelen ook op ditzelfde potentiaal.

I AVVERTIMENTO

Tutti IC e parecchi semi-conduttori sono sensibili alle scariche statiche (ESD). La loro longevità potrebbe essere fortemente ridotta in caso di non osservazione della più grande cauzione alla loro manipolazione. Durante le riparazioni occorre quindi essere collegato allo stesso potenziale che quello della massa dell'apparecchio tramite un braccialetto a resistenza. Assicurarsi che i componenti e anche gli utensili con quali si lavora siano anche a questo potenziale.

SPECIFICATIONS

DISASSEMBLY DIAGF

GENERAL

Main voltage	-/00/04/14	: 230V
	-/01/11	: 120/230V
Main frequency		: 50Hz
Battery		: 9V (R20 x 6)
Power Consumption		: 10W
Output power	Main	: 2 x 0.8 W
	battery	: 2 x 0.7 W
Speaker impedance		: 2 x 8 Ohm

AUDIO / CASSETTE

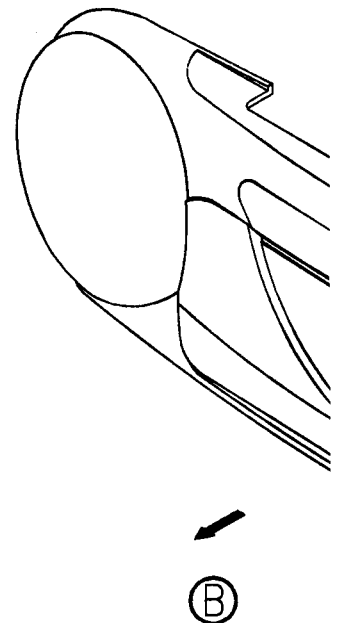
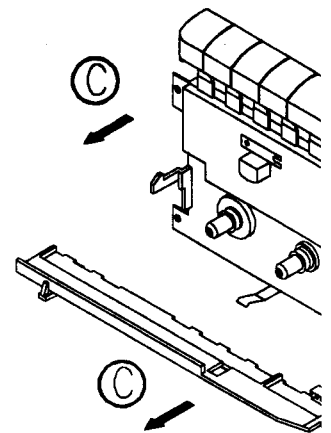
Tape speed		: 4.76cm/s $\pm$ 3%
Wow & flutter		: < 0.4% (JIS RMS)
Fast winding time (C60)		: < 130 sec.
Frequency response	P/B	: 250 - 6300 HZ ($\pm$ 6 dB)
High speed dubbing		: 250 - 5000 Hz
S/N ratio		: > 30dB
Erase ratio		: 50 dB (w/BPF)
Bias frequency		: 60 $\pm$ 10KHz
Tone control	3KHz	: - 8 dB

TUNER - FM section

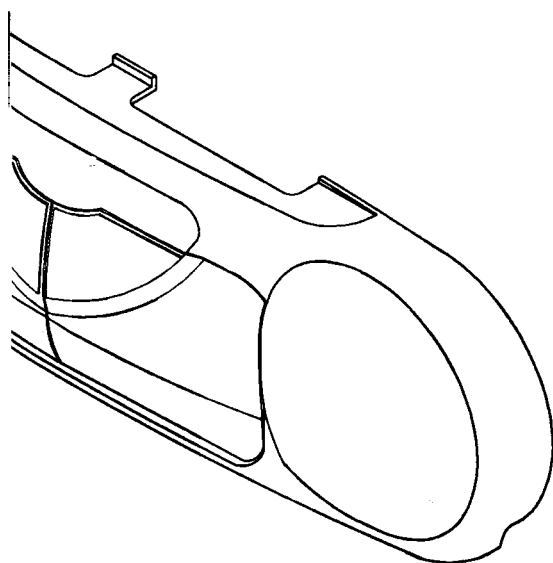
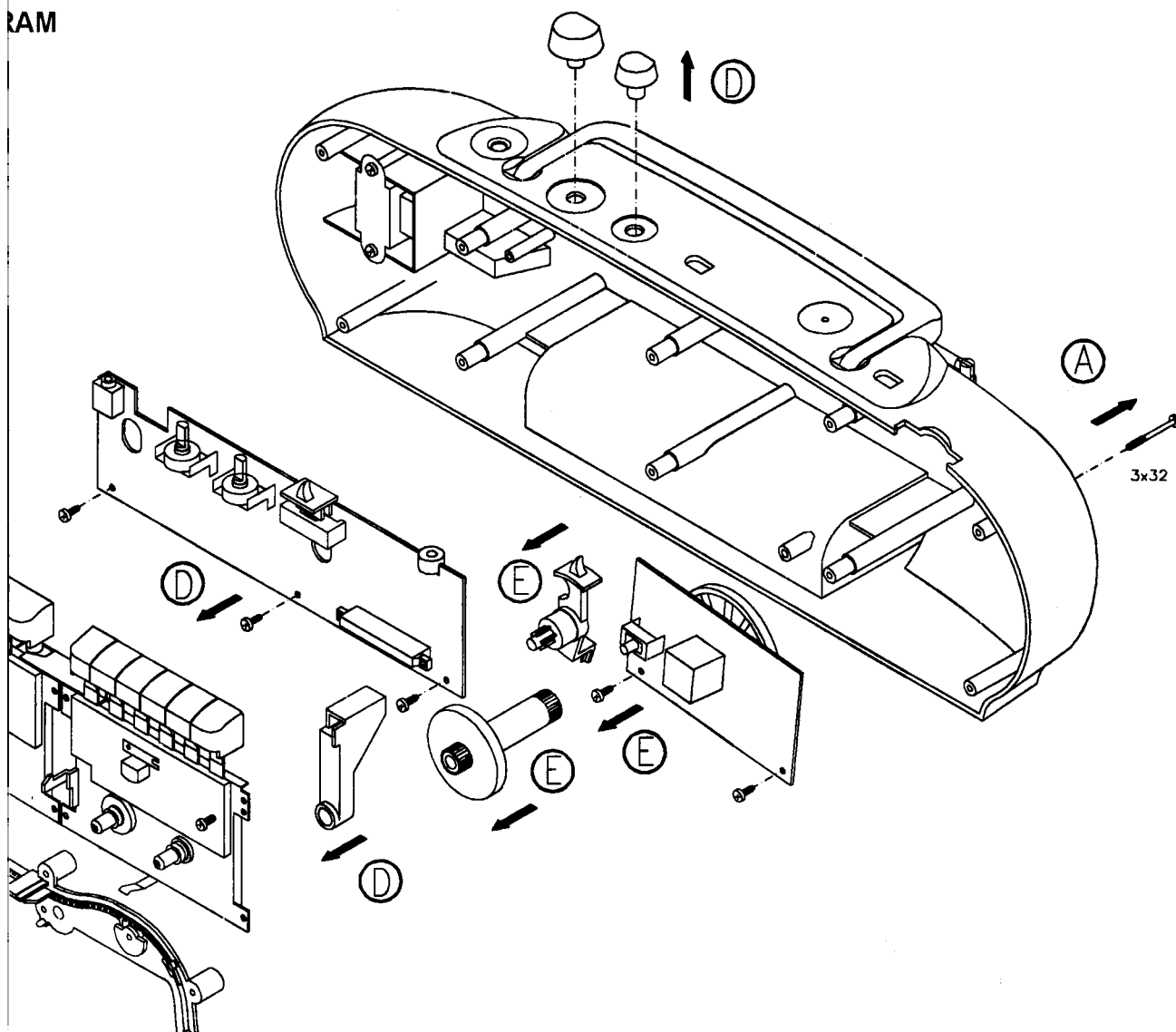
Tuning range		: 87.5 - 108MHz
	-/14	: 65 - 108 MHz
IF frequency		: 10.7MHz
Sensitivity		: < 22 dBf at 26dB S/N
Selectivity		: > 20dB at 600KHz B.W.
IF rejection		: > 50 dB
Image rejection		: > 20 dB
AM suppression		: > 30 dB
Stereo separation	1 KHz	: > 20 dB

TUNER - AM section

Tuning range	MW	: 531 - 1606.5KHz
	LW	: 148.5 - 283.5 KHz
	SW1	: 2.3 - 7.3 MHz
	SW2	: 9.5 - 21.85 MHz
IF frequency		: 468 $\pm$ 3KHz
Sensitivity	MW	: < 4000 μ V/m at 26dB S/N
	LW	: < 6000 μ V/m
	SW1	: 85 - 210 μ V
	SW2	: 85 - 210 μ V
Selectivity	MW	: > 16 dB
	LW	: > 20 dB
	SW1	: > 22 dB
	SW2	: > 22 dB
IF rejection	MW	: > 30 dB
	LW	: > 27 dB
Image rejection	MW	: > 28 dB
	LW	: > 30 dB
	SW1	: > 10 dB
	SW2	: > 6 dB



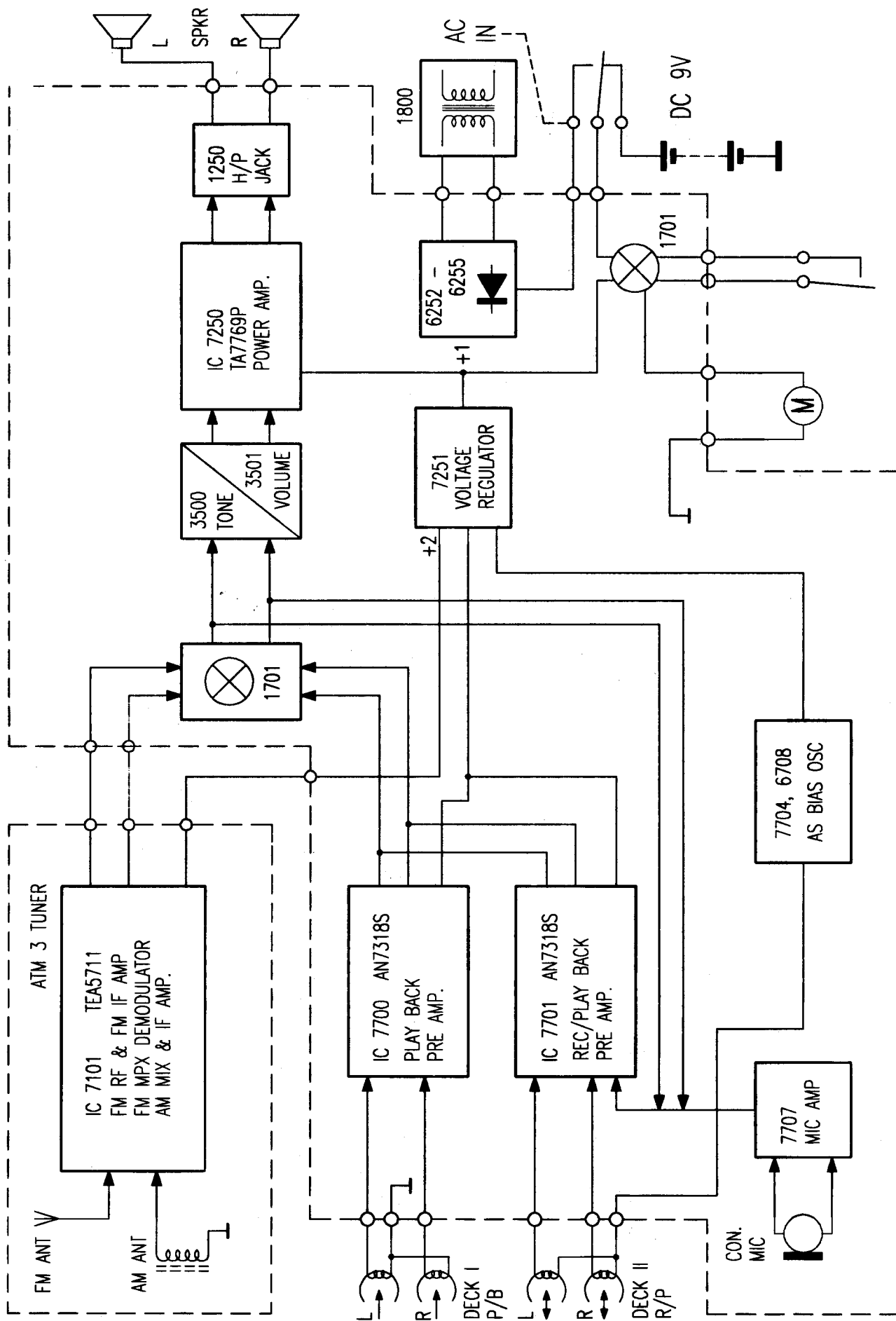
RAM



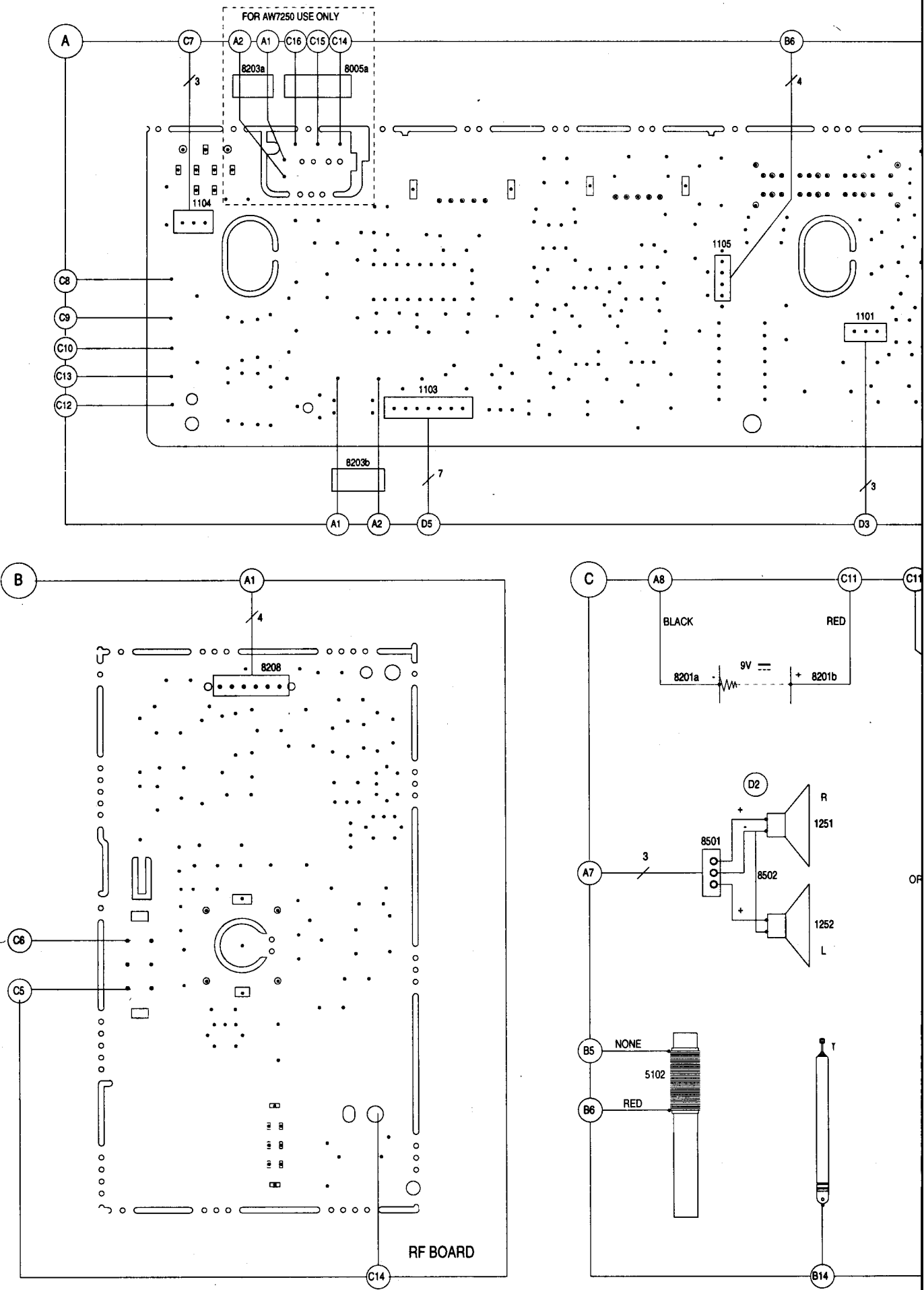
SEQUENCY OF DISASSEMBLING

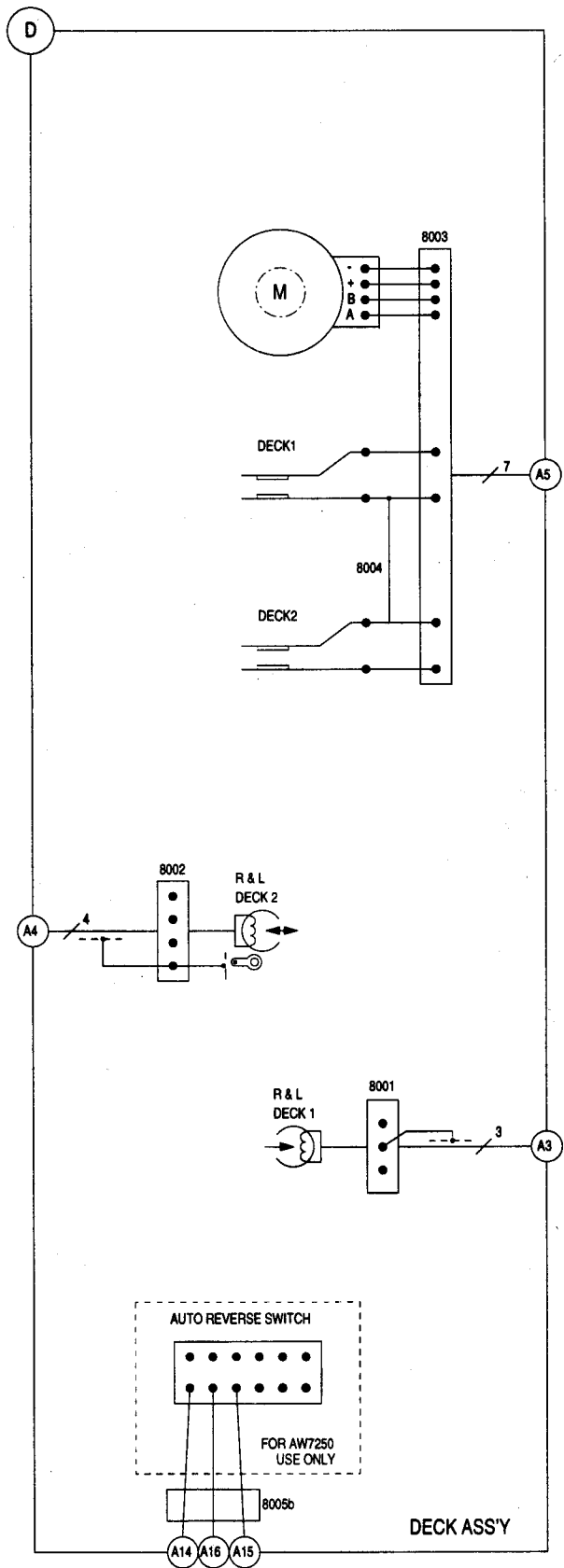
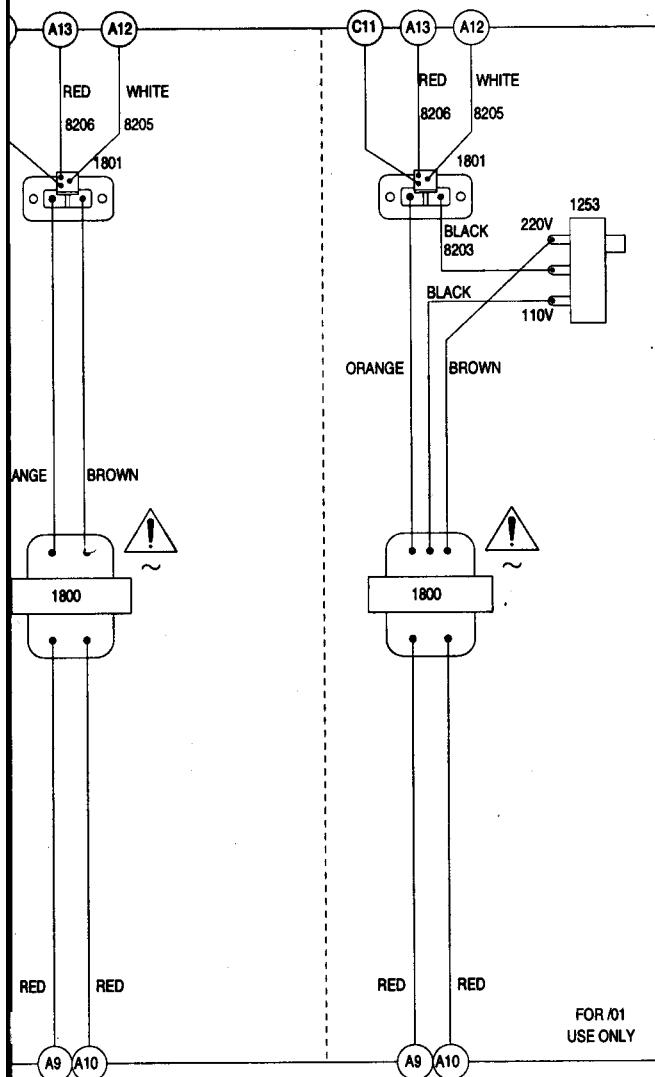
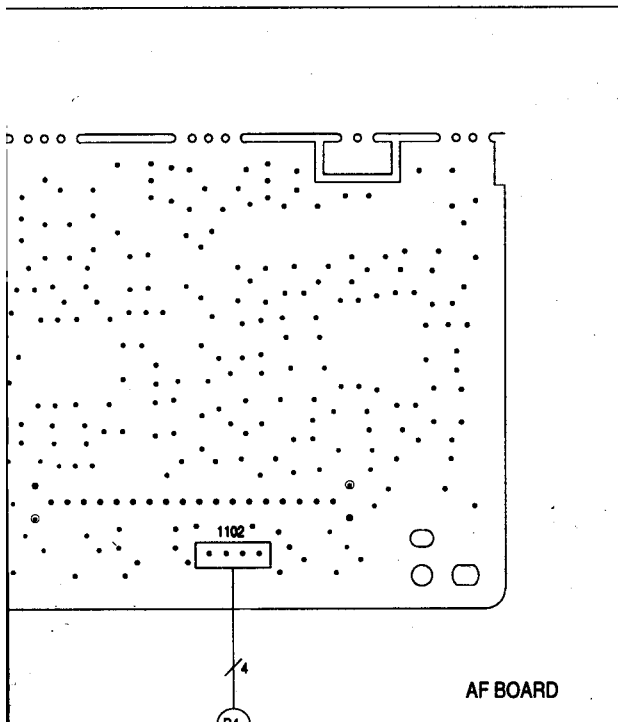
PARTS	ACTIONS
A. CABINET-REAR	10 SCREWS
B. CABINET-FRONT	PULL OUT
C. TAPE DECK	PULL OUT
D. PCBAS-AUDIO KNOB-VOLUME KNOB-TONE LEVER-RECORDING PCB-AUDIO	PULL OUT PULL OUT PULL OUT 3 SCREWS
E. PCBAS-RF KNOB-TUNING KNOB-BAND PCB-RF	PULL OUT PULL OUT 2 SCREWS

BLOCK DIAGRAM



WIRING DIAGRAM





RADIO ALIGNMENT (FM/MW/LW)

							
AM IF							
AM or MW	468KHz		min.	5106 5108		max.	
AM RF							
MW * (see fig. 2 & 3)	512KHz		max.	5105	H/P Jack	max.	
	1635KHz		min.	C4			
	550KHz			L2		max.	
	1500KHz			C3			
LW * (see fig. 2 & 3)	147KHz		max.	5109	H/P Jack	max.	
	291KHz		min.	2126			
	155KHz			5103		max.	
	270KHz			2150			
FM IF							
FM #	10.7MHz						symm. max. lin.
FM RF							
FM # (see fig. 2, 4 & 5)	87.35MHz		max.	5104	H/P Jack	max.	
	108.25MHz		min.	C2			
	88MHz			5101		max.	
	106MHz			C1			
FM # for -/14 (see fig. 2, 4 & 5)	64.7MHz		max.	5104	H/P Jack	max.	
	108.25MHz		min.	C2			
	68MHz			5101		max.	
	106MHz			C1			
STEREO DECODER							
FM #	98MHz		98MHz	3101		152 ± 1KHz	

* Mod. 1KHz 30%

10nF + 15E

Repeat

RADIO ALIGNMENT (FM/MW/SW1/SW2)

								
AM IF								
AM or MW	468KHz		min.	5110 5109		max.		
AM RF								
MW * (see fig. 2C & 3)	512KHz		max.	5108		max.		
	1635KHz		min.	2129				
	550KHz			5113		max.		
	1500KHz			C3				
SW1 * (see fig. 2C, 4 & 6)	2.23MHz		max.	5106		max.		
	7.5MHz		min.	C4				
	2.5MHz			5104		max.		
	7.2MHz			2108				
SW2 * (see fig. 2C, 4 & 6)	9.2MHz		max.	5107		max.		
	22.29MHz		min.	2123				
	10MHz			5105		max.		
	21MHz			2113				
FM IF								
FM #	10.7MHz						symm. max. lin.	
FM RF								
FM # (see fig. 2, 4 & 5)	87.35MHz		max.	5102		max.		
	108.25MHz		min.	C2				
	88MHz			5101		max.		
	106MHz			C1				
STEREO DECODER								
FM #	98MHz		98MHz	3108		152 ± 1KHz		

* Mod. 1KHz 30%

10nF + 15E

Repeat

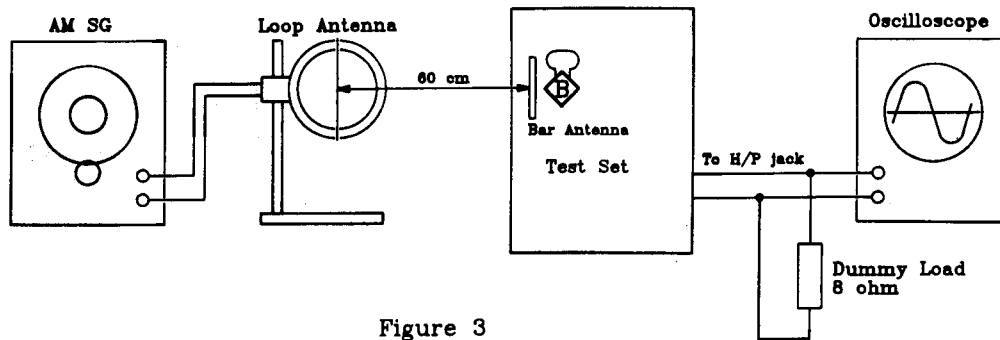


Figure 3

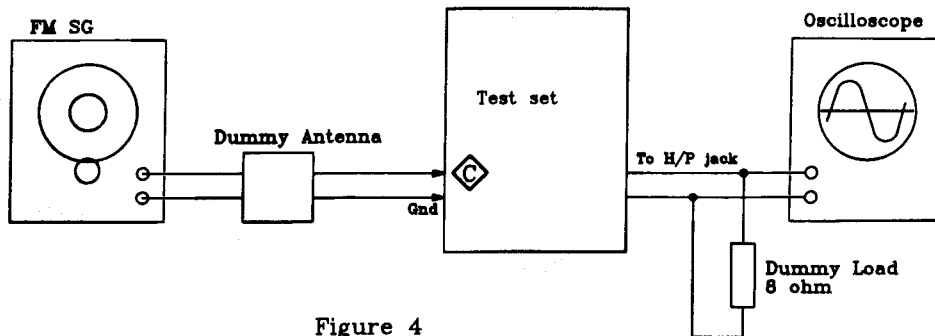


Figure 4

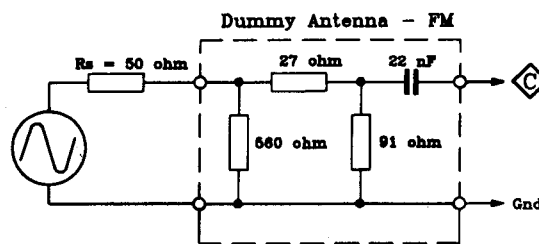


Figure 5

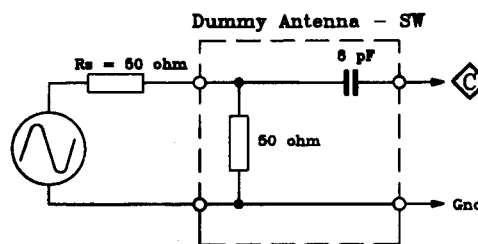
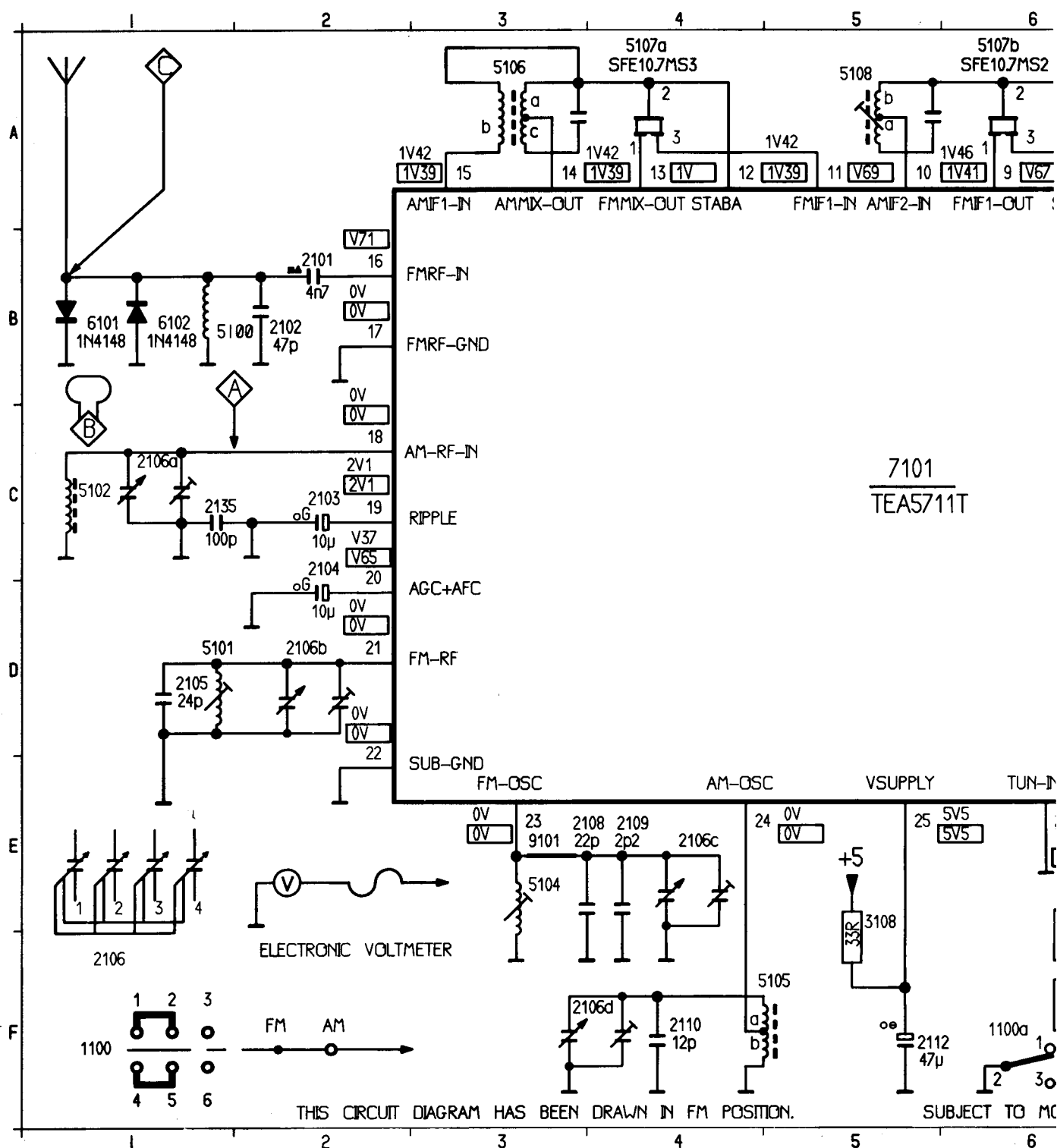


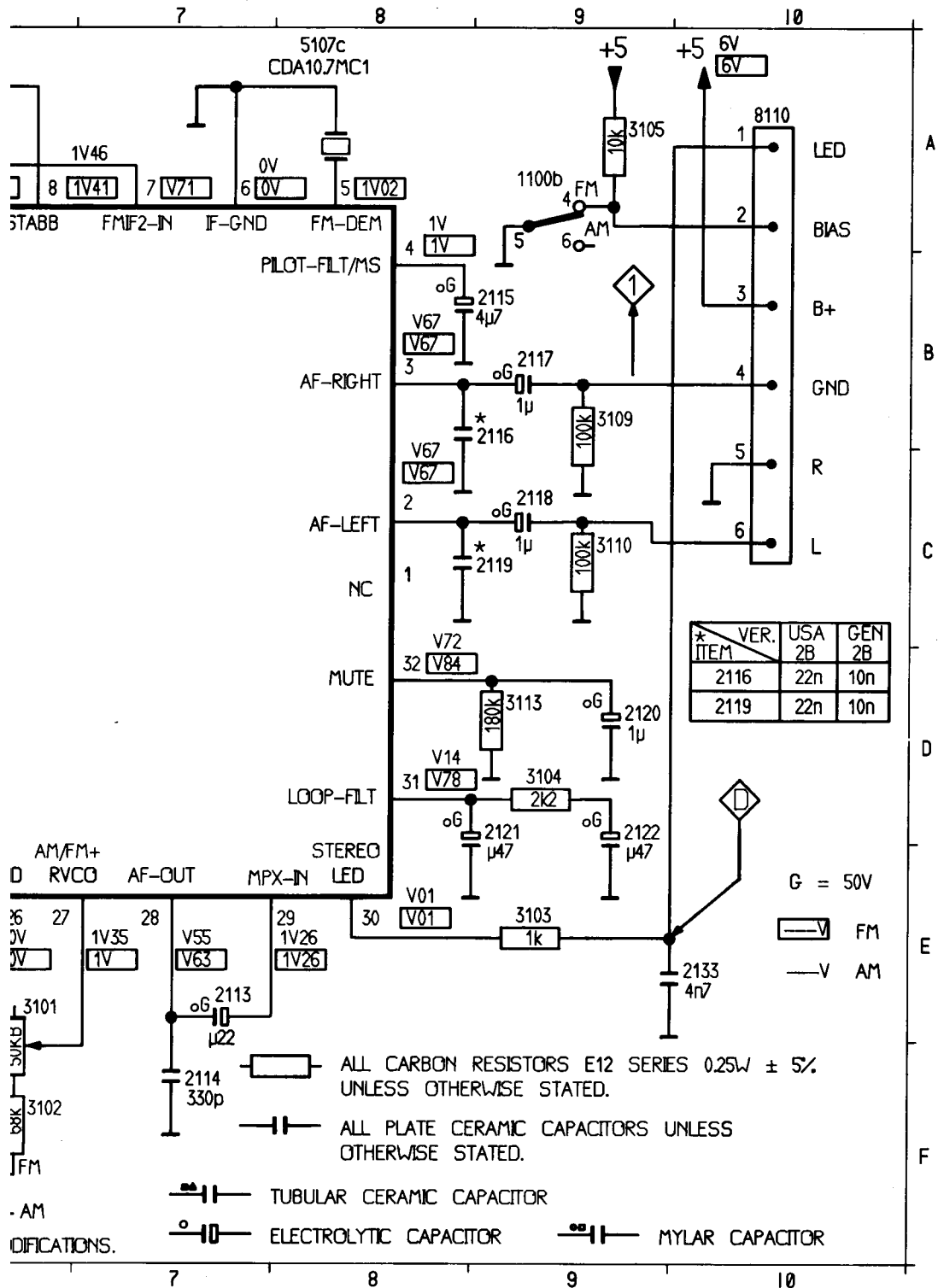
Figure 6

TUNER BOARD (FM/MW) - CIRCUIT DIAGRAM

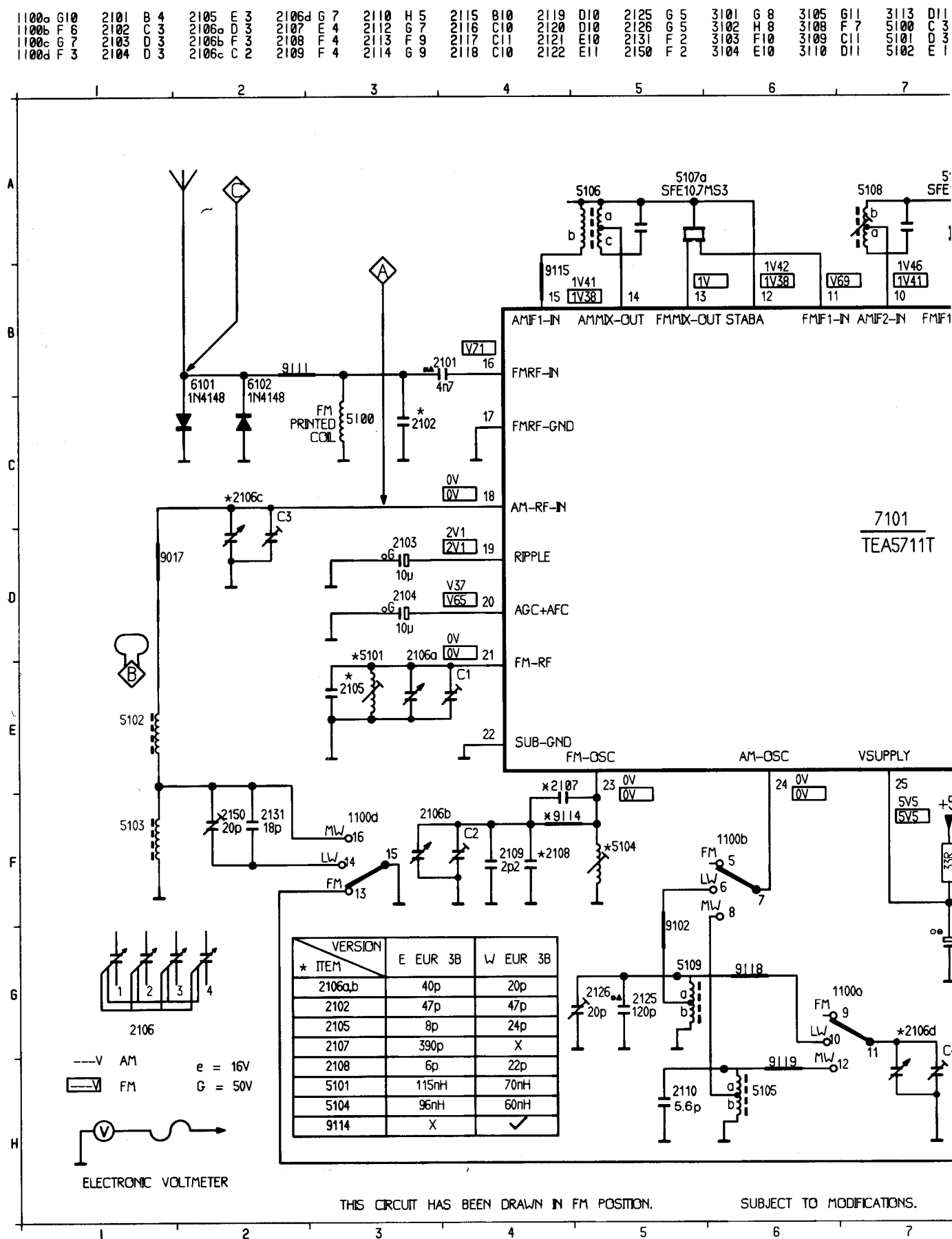
1100 _a	F 6	2103	C 2	2106 _b	D 2	2109	E 4	2114	F 7	2118	C 9	2122	D 9	3102	F 6	3108	E 5
1100 _b	A 9	2104	C 2	2106 _c	F 4	2110	F 4	2115	B 9	2119	C 9	2133	E 10	3103	E 9	3109	B 9
2101	B 2	2105	D 1	2106 _d	F 4	2112	F 5	2116	B 9	2120	D 9	2135	C 1	3104	D 9	3110	C 9
2102	B 2	2106 _a	C 1	2108	E 4	2113	E 7	2117	B 9	2121	D 9	3101	E 6	3105	A 9	3113	D 9



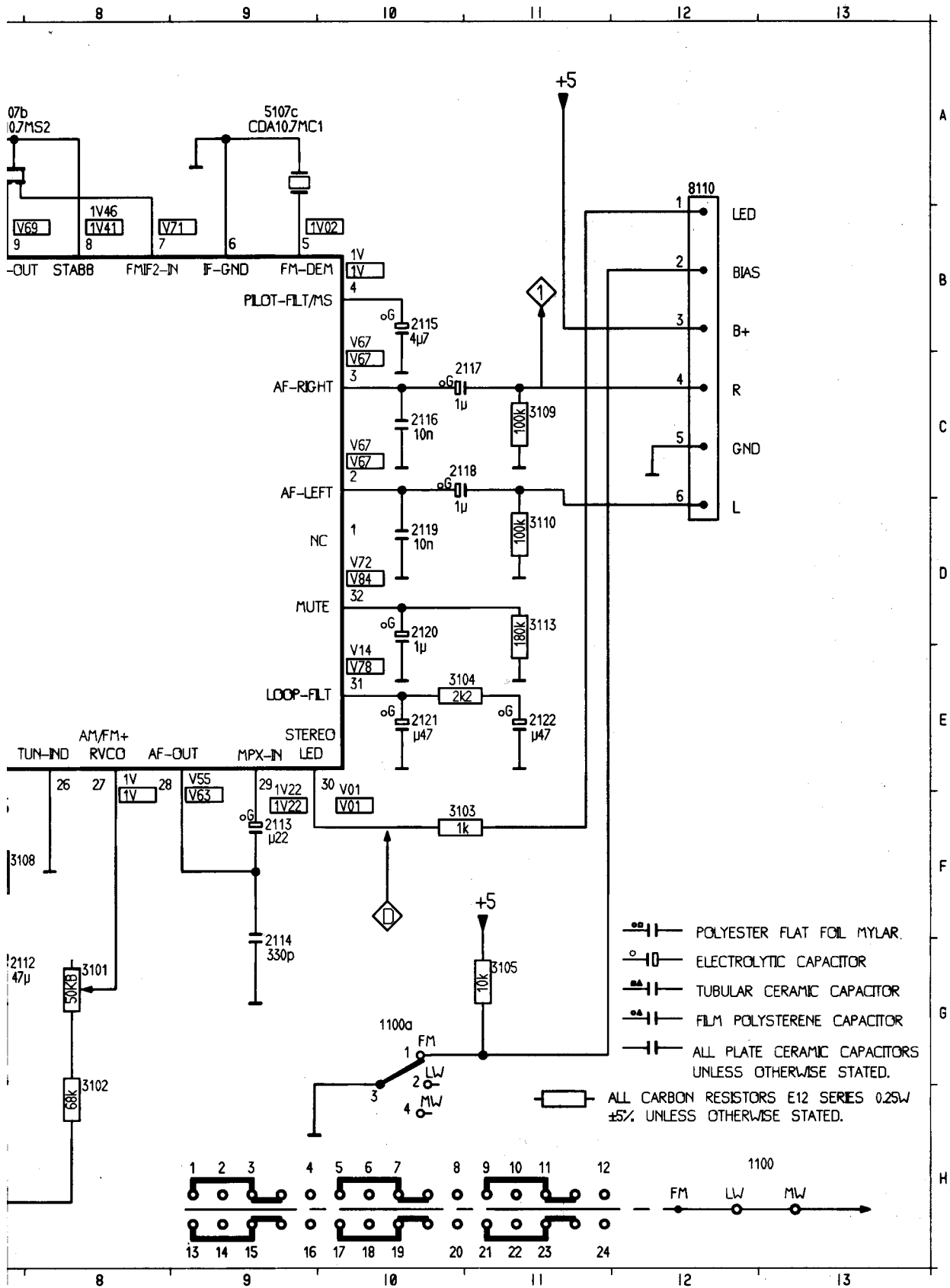
5100 B 2	5105 F 5	5107c A 8	7101 C 5
5101 D 1	5106 A 3	5108 A 5	8110 A10
5102 C 1	5107a A 4	6101 B 1	9101 E 3
5104 E 3	5107b A 6	6102 B 1	



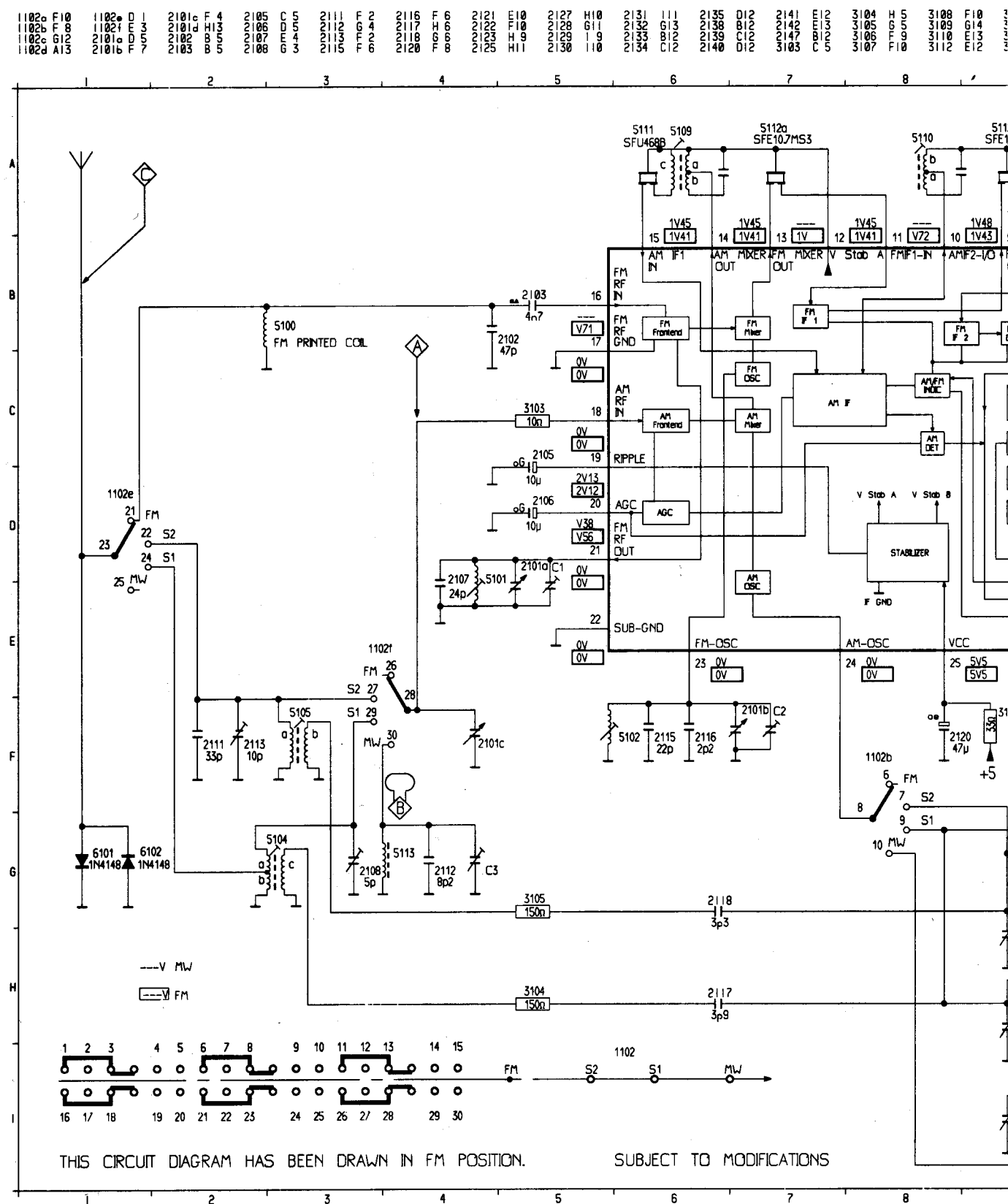
TUNER BOARD (FM/MW/LW) - CIRCUIT DIAGRAM



5103	F 1	5107a	A 5	5109	G 5	8110	A12	9114	F 4
5104	F 5	5107b	A 7	6101	B 2	9017	D 1	9115	B 4
5105	H 6	5107c	A 9	6102	B 2	9102	G 5	9118	G 6
5106	A 5	5108	A 7	7101	C 7	9111	B 2	9119	H 6



TUNER BOARD (FM/MW/SW1/SW2) - CIRCUIT DIAGRAM



2b 0.7MS2

5112c CDA107MC40-A

1V48 1V43 7V74 6V0V 5V03 1V2 1V2 V67 V67 V67 V75 V14 V78 V4 V01

7101 TEAS711T

FM DEM PILOT FILT R OUT L OUT NC MUTE LOOP FILT

AM/FM SWITCH SOFT MUTE SOS VCD DRIVER 15/19/30Hz LED DRIVER

CONTROL MONOYST SWITCH

AM/FM SWITCH VCD DRIVER 15/19/30Hz LED DRIVER

TUN IND AM/FM SWITCH VCD DRIVER 15/19/30Hz LED DRIVER

26 0V 27 1V14 28 V81 V53 29 1V28 30 V01

1102a 1102c 1102d

FM 16 1102d 18 1102c 13 1102c 15

S2 17 S1 19 MW 20

8110 LED BIAS B+ RIGHT GROUND LEFT

8101 TO FINE TUNE VR

2123 10p 2127 39p 2125 2n2 2131 360p 2129 20p 2130 15p

2128 7n5 2125 2n2 2131 360p

2101

ELECTRONIC VOLT METER

ALL CARBON RESISTORS E12 SERIES 0.33W ± 10% UNLESS OTHERWISE STATED.

ALL PLATE CERAMIC CAPACITORS UNLESS OTHERWISE STATED.

POLYESTER FLAT FOIL CAPACITOR (MYLAR)

TUBULAR CERAMIC CAPACITOR

FILM POLYESTER CAPACITOR

ELECTROLYTIC CAPACITOR

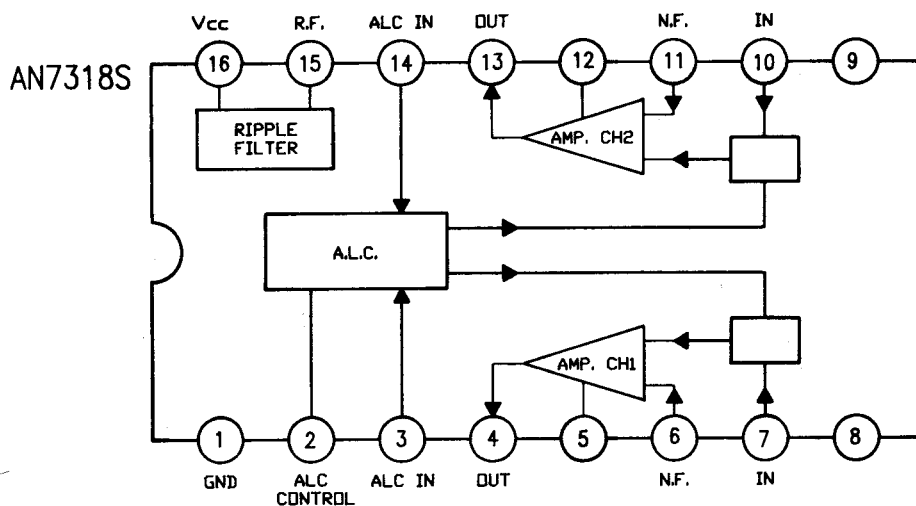
CASSETTE ADJUSTMENT

Adjustment	Cassette	Recorder position			Measure on	Read on	Adjust with	Adjust to
		SK	Deck 1	Deck2				
Head Azimuth	6.3KHz	Tape	Play	--	H/P Jack	mV meter	Left screw of R/P head on Deck 1	max. L = R
	SBC420*	Tape	--	Play	H/P Jack	mV meter	Left screw of R/P head on Deck 2	
Tape	3150Hz	Tape (nor. speed)	--	Play	H/P Jack	Wow and flutter meter	3736	**a

* SBC420 : 4822 397 30071

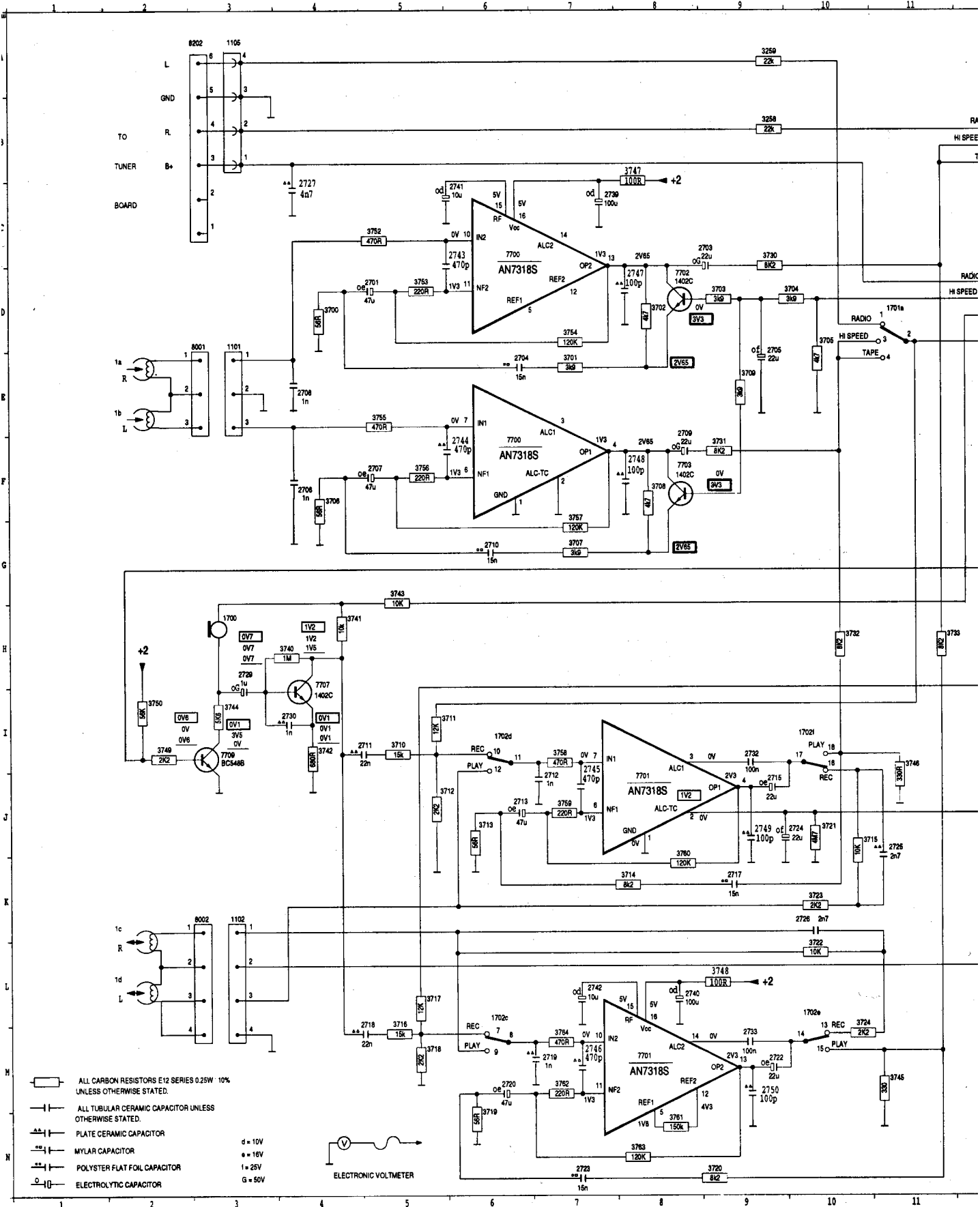
**a The maximum permissible speed deviation is $\pm 3\%$.
Moreover, the wow and flutter value can be read.

IC SPECIFICATIONS

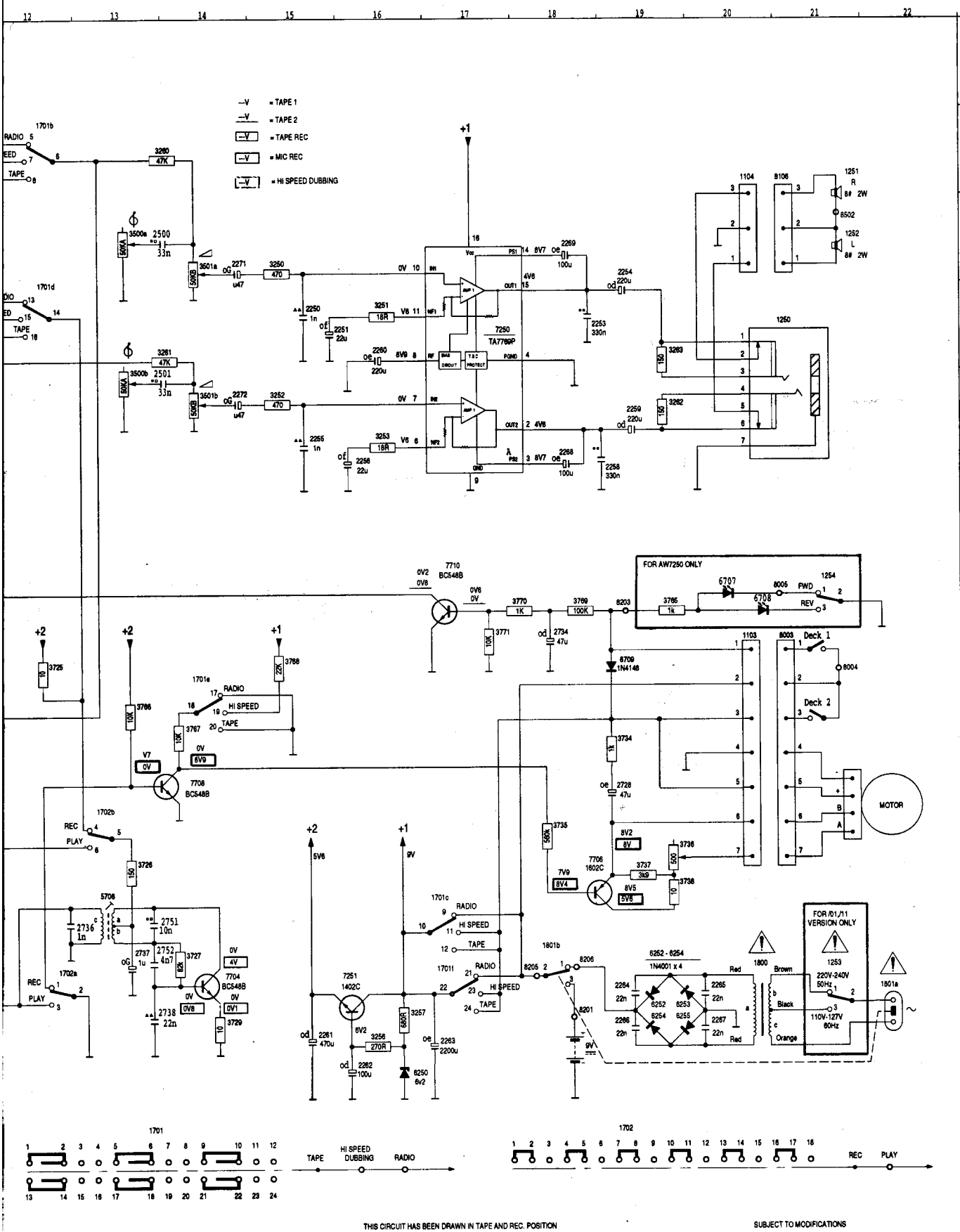


MAIN BOARD - CIRCUIT DIAGARM

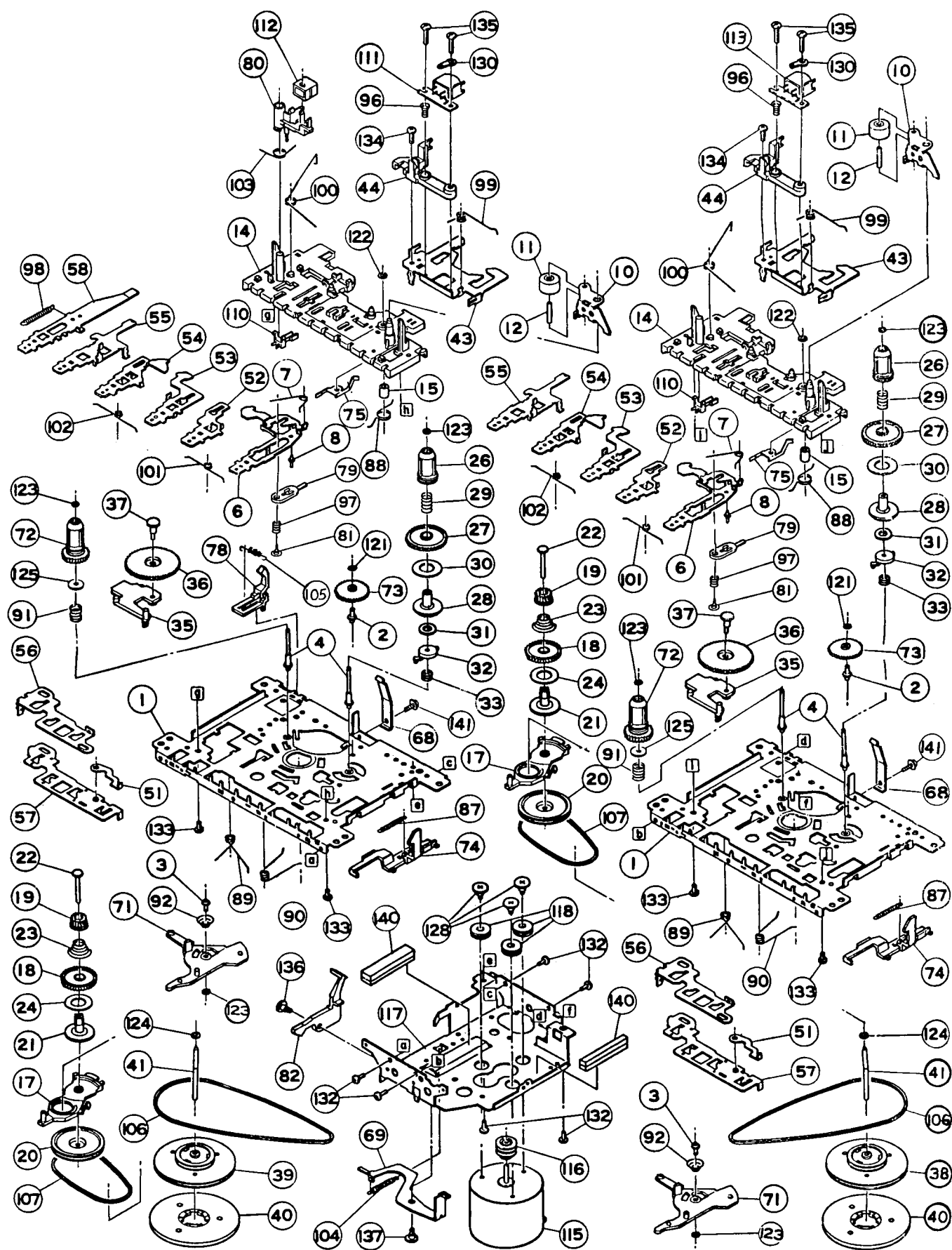
1a	E 2	1102	K 3	1250	D21	1701b	B12	1702c	L 6	2251	D16	2260	D16	2267	L20	2701	D 5	2709	F 8	2718	M 5	2726	K10	2734	H18	2742	L 7	2749	J 9	3253	E16	3262	E19	3701
1b	K 2	1103	H20	1751	B21	1701c	K17	1702d	I 6	2252	D19	2261	L15	2268	E18	2702	D 6	2710	F 9	2719	M 6	2727	K11	2735	H19	2743	L 8	2750	M 9	3254	E17	3263	D18	3702
1c	L 2	1104	B20	1752	C21	1701d	D12	1702e	L10	2253	C18	2262	M15	2269	C19	2703	D 7	2711	F 10	2720	M 7	2728	K12	2736	H20	2744	L 9	2751	M 10	3255	E18	3264	D19	3703
1d	L 3	1105	A 3	1753	K21	1701e	H14	1702f	L11	2254	E15	2263	L16	2270	C14	2704	D 8	2712	F 11	2721	M 8	2729	K13	2737	H21	2745	J 7	2752	K14	3256	E19	3265	D20	3704
1e	H21	1105	B 3	1754	G21	1701f	K17	1801a	L22	2255	F16	2264	L19	2272	E14	2705	D 9	2713	F 12	2722	N 7	2730	I 4	2738	C 7	2746	M 7	3250	C15	3259	A 9	3500b	E13	3705
1f	H21	1105	A 3	1700	H 3	1702a	K12	1801b	K18	2256	F19	2265	L20	2273	C14	2706	D 10	2714	F 13	2723	J10	2731	I 5	2739	L 10	2747	D 8	3251	E15	3260	B10	3501a	C14	3706
1g	D 3	1105	A 3	1701a	D11	1702b	J13	2250	D15	2259	E19	2266	L19	2274	E14	2707	D 11	2715	F 14	2724	J11	2732	M 9	2740	C 8	2748	F 8	3252	E16	3261	D14	3700	D 4	3707



7	3708	F 8	3715	J10	3722	L10	3730	C 9	3737	J19	3745	M11	3753	D 5	3760	K 8	3767	I14	6252	L19	7250	D17	7703	F 8	8001	D 3	8202	A 3
8	3709	F 8	3716	J10	3723	K10	3731	F 9	3738	J19	3746	M11	3754	D 5	3761	K 8	3768	I14	6253	L19	7251	D17	7704	L14	8002	K 3	8203	G19
9	3710	F 8	3717	J10	3724	M10	3732	H10	3739	J19	3747	B 8	3755	D 5	3762	K 8	3769	I14	6254	L19	7252	D17	7705	L14	8003	H21	8204	X18
10	3711	F 8	3718	J10	3725	H11	3733	H11	3740	J19	3748	B 8	3756	D 5	3763	K 8	3770	I14	6255	L19	7253	D17	7706	J16	8004	H21	8205	X18
11	3712	F 8	3719	J10	3726	H11	3734	H11	3741	J19	3749	B 8	3757	D 5	3764	K 8	3771	I14	6256	L19	7254	D17	7707	H 4	8005	H21	8206	X18
12	3713	F 8	3720	J10	3727	K11	3735	H11	3742	J19	3750	C 5	3758	D 5	3765	K 8	3772	I14	6257	L19	7255	D17	7708	I14	8006	B21	8207	C21
13	3714	F 8	3721	J10	3728	L11	3736	J19	3743	J19	3751	C 5	3759	D 5	3766	K 8	3773	I14	6258	L19	7256	D17	7709	I14	8007	B21	8208	C21



EXPLODED VIEW DIAGRAM - TAPE DECK (AW7150)



MECHANICAL PARTSLIST - TAPE DECK (AW7150)

10 4822 528 70849	Pinch Roller Arm
11 4822 528 70695	Pinch Roller Assy
74 4822 403 70968	Eject Hook (A)
106 4822 358 31125	Main Belt 1.1X59
107 4822 358 31124	Sub Belt 1.2X45.2
110 4822 278 90663	Leaf Switch
111 4822 249 10397	R/P Head MS15R-AA2N1
112 4822 249 40296	E Head TDK 6PA
113 4822 249 30223	P Head MS18-AA0N1
115 4822 361 21592	Motor EG-530YD-9BH

Note : Only the parts mentioned in this list are
normal service parts.

MECHANICAL PARTSLIST -TAPE DECK (AW7250)

CDS - 83 PORTION

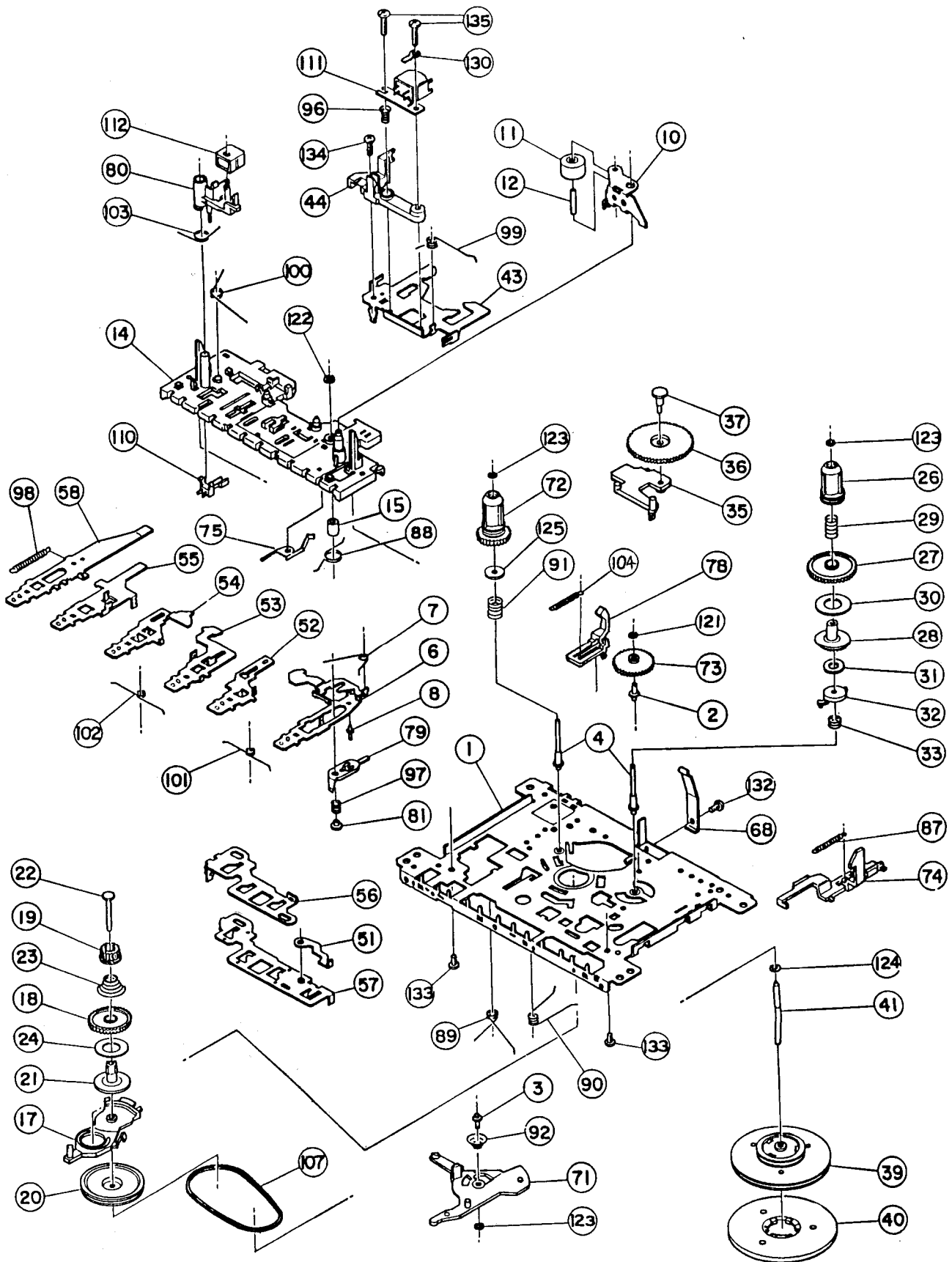
10 4822 528 70849	Pinch Roller Arm
11 4822 528 70695	Pinch Roller Assy
74 4822 403 70968	Eject Hook (A)
107 4822 358 31124	Sub Belt 1.2 X 45.2
110 4822 278 90663	Leaf Switch
111 4822 249 10397	R/P Head MS15R-AA2N1
112 4822 249 40306	E Head TDK 6PA

CDS - 88 PORTION

18 4822 358 31298	Belt (W)
50 4822 403 71105	Pinch Arm (F)
51 4822 403 71106	Pinch Arm (R)
52 4822 528 70695	Pinch Roller Assy
77 4822 403 71274	Door Latch (A)
108 4822 361 21592	Motor EG-530YD-9BH
109 4822 528 81524	Motor Pulley
112 4822 358 31299	Sub Belt
115 4822 277 30954	Slide Switch
118 4822 249 30206	P Head S-208W
119 4822 276 13494	Power Switch

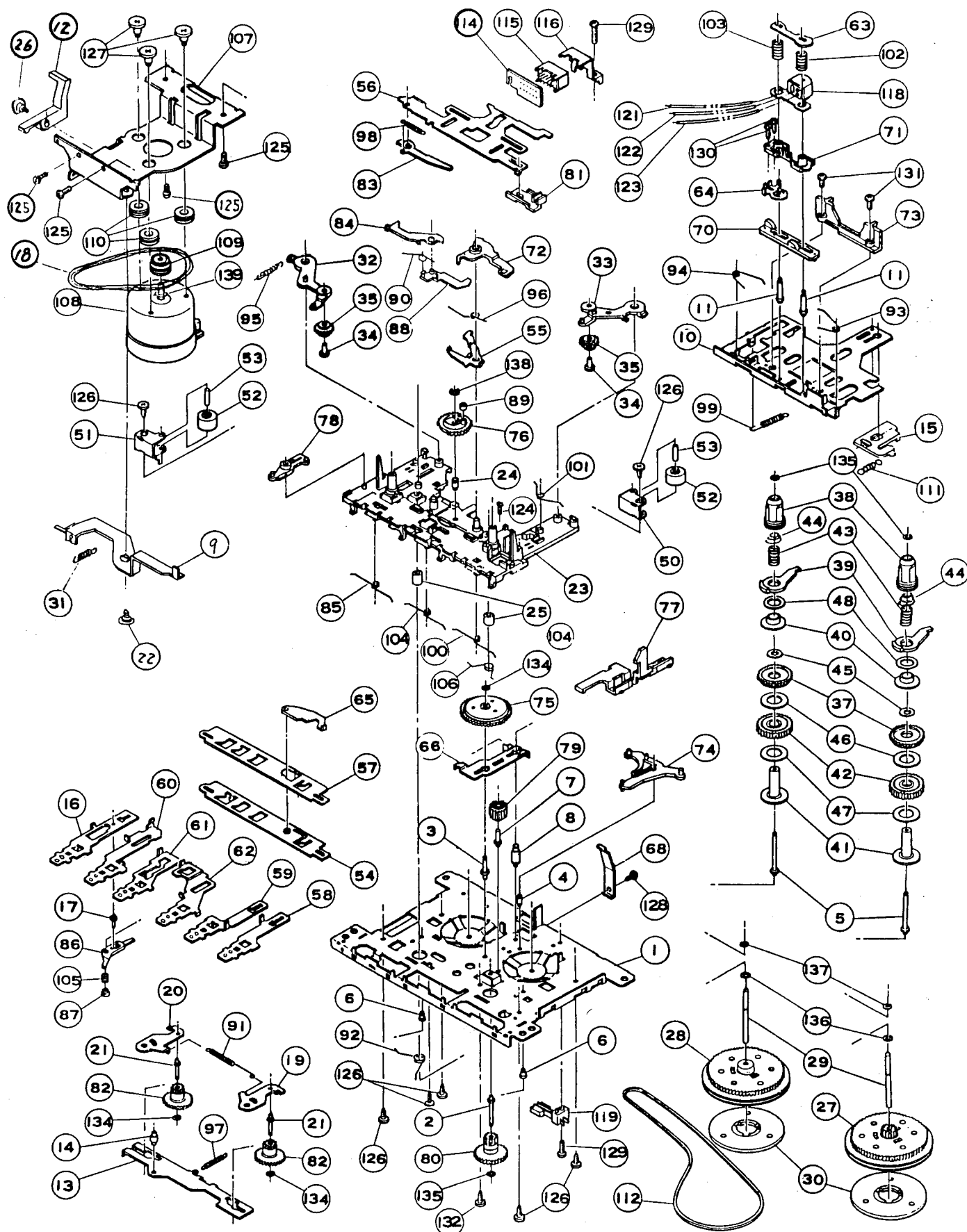
Note : Only the parts mentioned in this list are
normal service parts.

CDS-883 EXPLODED VIEW (CDS-83 PORTION)



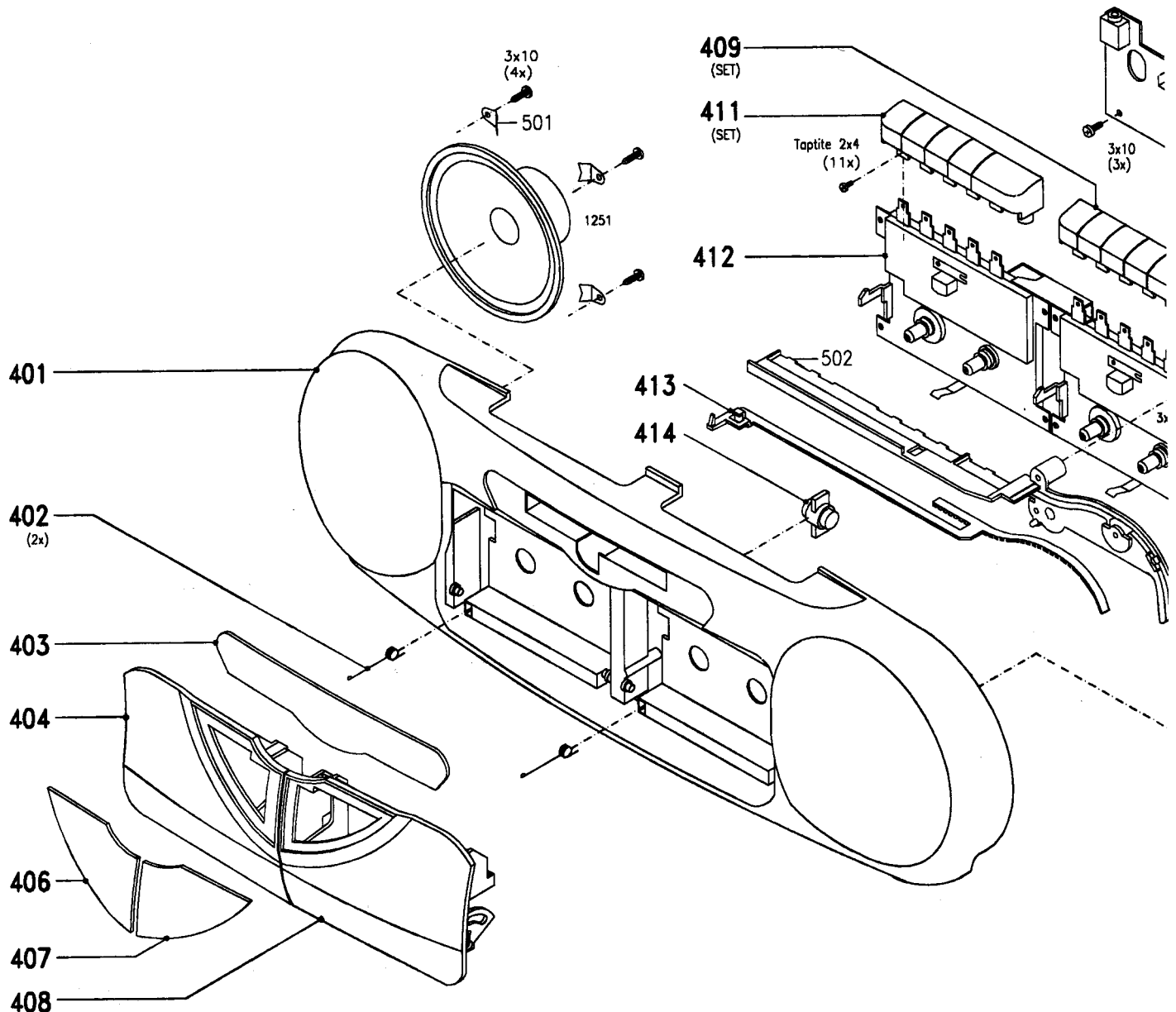
AM - TAPE DECK (AW7250)

CDS-883 EXPLODED VIEW (CDS-88 PORTION)

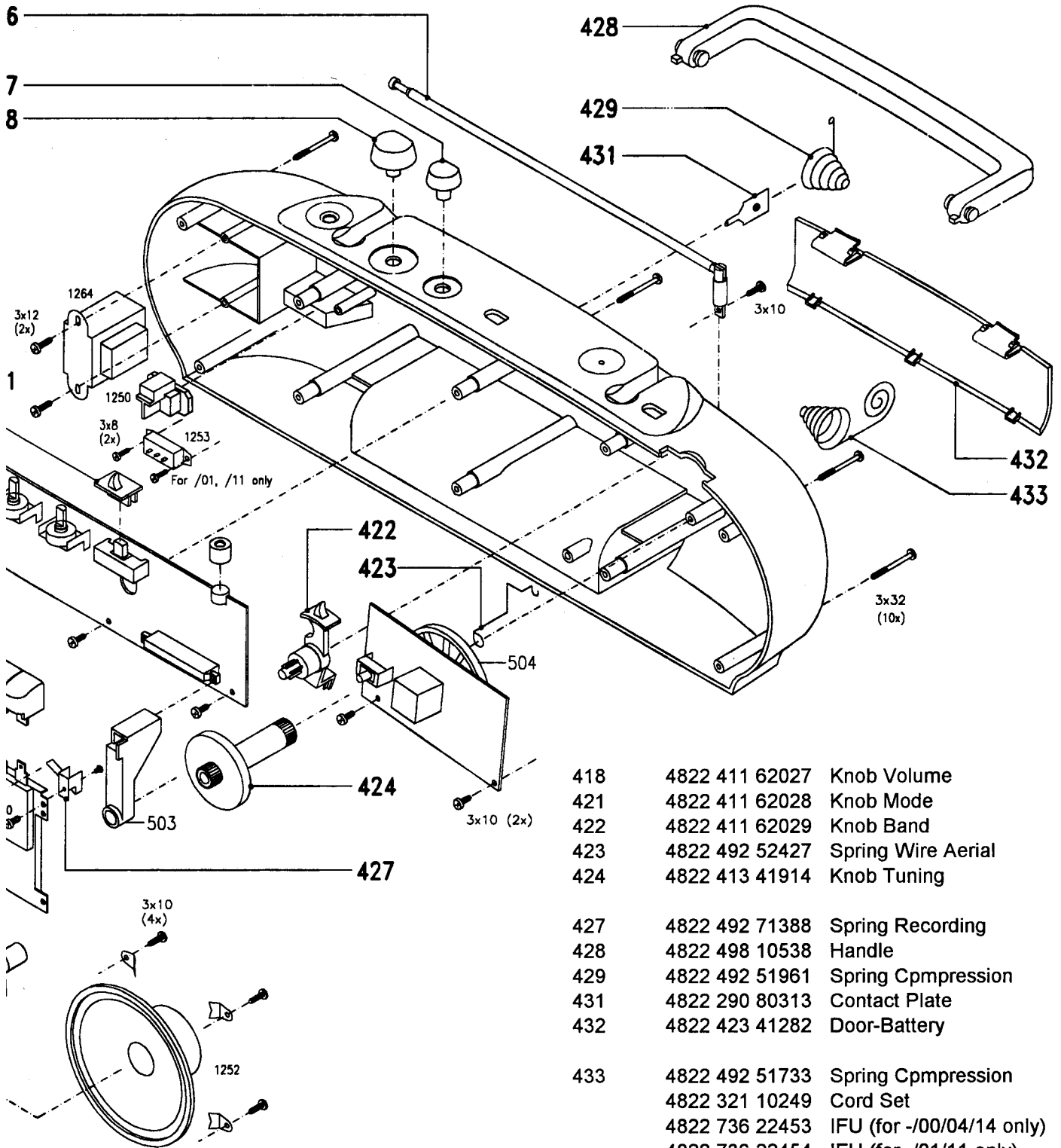


MECHANICAL PARTSLIST - CABINET

401	4822 423 51205	Front Cabinet Assy	408	#	4822 443 64494	Door Cass (R)	4
402	4822 492 42709	Spring Door	409		4822 410 63796	Knob Cass (R)	
403	* 4822 450 62461	Lens Tuning (for -/00/01 only)	411	*	4822 410 63795	Knob Cass (L)	
403	* 4822 450 62462	Lens Tuning (for -/04 only)	411	#	4822 410 63797	Knob Cass (L) A/R	4
403	* 4822 450 62463	Lens Tuning (for -/11 only)	412	*	4822 691 21033	Tape Mechanism	4
403	* 4822 450 62464	Lens Tuning (for -/14 only)	412	#	4822 691 10441	Tape Mechanism	
403	# 4822 450 62465	Lens Tuning (for -/00 only)	413		4822 450 81228	Pointer	
403	# 4822 450 62473	Lens Tuning (for -/11 only)	414		4822 529 10278	Damper Assy	
403	# 4822 450 62474	Lens Tuning (for -/14 only)	416		4822 303 30298	Telescopic Aerial	
404	* 4822 443 64491	Door Cass (L)	417		4822 411 62031	Knob Tone	
404	# 4822 443 64493	Door Cass (L)					
406	* 4822 381 11614	Lens Door (L)					
406	# 4822 381 11616	Lens Door (L)					
407	4822 381 11615	Lens Door (R)					
408	* 4822 443 64492	Door Cass (R)					



EXPLODED VIEW DIAGRAM - CABINET



418	4822 411 62027	Knob Volume
421	4822 411 62028	Knob Mode
422	4822 411 62029	Knob Band
423	4822 492 52427	Spring Wire Aerial
424	4822 413 41914	Knob Tuning
427	4822 492 71388	Spring Recording
428	4822 498 10538	Handle
429	4822 492 51961	Spring Cmpression
431	4822 290 80313	Contact Plate
432	4822 423 41282	Door-Battery
433	4822 492 51733	Spring Cmpression
	4822 321 10249	Cord Set
	4822 736 22453	IFU (for -/00/04/14 only)
	4822 736 22454	IFU (for -/01/11 only)

* For AW7150

For AW7250

Note : Only the parts mentioned in this list are normal service parts.

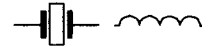
TUNER BOARD (FM/MW)



2101	4822 122 32764	4,7nF 20% 50V
2102	4822 126 12812	47pF 5% 50V
2103	4822 124 40248	10µF 20% 63V
2104	4822 124 40248	10µF 20% 63V
2105	4822 126 12814	24pF 5% N220 50V
2106	4822 125 50681	Polyvaricon
2108	4822 122 32147	22pF 2% N470 100V
2109	4822 126 12809	2,2pF 5% N470 50V
2110	4822 126 13592	5,6pF±0.5pF N1500
2112	4822 124 41397	47µF 20% 25V
2113	4822 126 13581	0,22µF 20% 50V
2114	4822 126 12671	330pF 10% YB 50V
2115	4822 124 40246	4,7µF 20% 63V
2116	4822 124 80141	10nF 10% 50V
2117	4822 124 40242	1µF 20% 63V
2118	4822 124 40242	1µF 20% 63V
2119	4822 124 80141	10nF 10% 50V
2120	4822 124 40242	1µF 20% 63V
2121	4822 124 40239	0,47µF 20% 63V
2122	4822 124 40239	0,47µF 20% 63V
2133	4822 126 12672	4,7nF 10% 50V
2135	4822 126 10777	100pF 50V



3101	4822 100 20167	50K 30%LIN 0,1W
3102	4822 116 52297	68K 5% 0,5W
3103	4822 116 83863	1K 5% 0,5W
3104	4822 116 52256	2K2 5% 0,5W
3105	4822 116 83864	10K 5% 0,5W
3108	4822 116 52191	33R 5% 0,5W
3109	4822 116 52234	100K 5% 0,5W
3110	4822 116 52234	100K 5% 0,5W
3113	4822 116 52252	180K 5% 0,5W



5101	4822 157 70513	Coil - FM ant
5102	4822 157 70731	Coil - MW/LW ant. assy
5104	4822 156 30947	Coil - FM osc
5105	4822 157 71145	Coil - MW osc
5106	4822 157 70499	IFT - AM
5107	4822 242 81154	FM cer. Filter Kits
5108	4822 156 11146	IFT - AM



6101	4822 130 30621	1N4148
6102	4822 130 30621	1N4148



7101	4822 209 32746	TEA5711T/N2
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- MISCELLANEOUS -

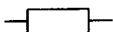
1100	4822 277 21698	Switch - slide
1201	4822 526 10176	Rod
	4822 256 90463	Holder Ferrite Bar

Note : Only the parts mentioned in this list are normal service parts.

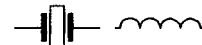
TUNER BOARD (FM/MWLW)



2101		4822 122 32764	4,7nF 20% 50V
2102		4822 126 12812	47pF 5% 50V
2103		4822 124 40248	10µF 20% 63V
2104		4822 124 40248	10µF 20% 63V
2105	#	4822 126 12828	24pF 5% 50V
2105	*	4822 126 12283	8,2pF 5% N220
2106	#	4822 125 50681	Polyvaricon
2106	*	4822 125 50648	Polyvaricon
2107	*	4822 126 12827	390pF 5% N1500
2108	#	4822 122 32147	22pF 2% N470 100V
2108	*	4822 126 12284	5,6pF±0.5pF N1500
2109		4822 126 12809	2,2pF 5% N470 50V
2110		4822 126 12284	5,6pF 0,5% N1500 50V
2112		4822 124 41397	47µF 20% 25V
2113		4822 126 13581	0.22µF 20% 50V
2114		4822 126 12671	330pF 10% 50V
2115		4822 124 40246	4,7µF 20% 63V
2116		4822 124 80141	10nF 10% 50V
2117		4822 124 40242	1µF 20% 63V
2118		4822 124 40242	1µF 20% 63V
2119		4822 124 80141	10nF 10% 50V
2120		4822 124 40242	1µF 20% 63V
2121		4822 124 40239	0,47µF 20% 63V
2122		4822 124 40239	0,47µF 20% 63V
2125		4822 126 12826	120pF 50% N750 50V
2126		4822 125 50045	1,8pF-22pF 250V
2131		4822 126 12824	18pF 50% NP0 50V
2150		4822 125 50045	1,8pF-22pF 250V



3101		4822 100 20167	50K 30%LIN 0,1W
3102		4822 116 52297	68K 5% 0,5W
3103		4822 116 83863	1K 5% 0,5W
3104		4822 116 52256	2K2 5% 0,5W
3105		4822 116 83864	10K 5% 0,5W
3108		4822 116 52191	33R 5% 0,5W
3109		4822 116 52234	100K 5% 0,5W
3110		4822 116 52234	100K 5% 0,5W
3113		4822 116 52252	180K 5% 0,5W



5101	#	4822 157 70513	Coil - FM ant
5101	*	4822 157 70762	Coil - Chole 4.5T D5
5102		4822 158 60627	Coil MW/LW ant. assy
5104	#	4822 156 30947	Coil - FM osc
5104	*	4822 157 70033	Coil - FM osc
5105		4822 157 71145	Coil - MW osc
5106		4822 157 70499	IFT - AM
5107		4822 242 81154	KMFC5058-Z
5108		4822 156 11146	IFT - AM
5109		4822 157 71144	Coil-LW osc



6101		4822 130 30621	1N4148
6102		4822 130 30621	1N4148



7101		4822 209 32746	TEA5711T/N2
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- MISCELLANEOUS -

1100		4822 277 30933	Switch - slide
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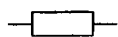
* For -/14 only
Not for -/14

Note : Only the parts mentioned in this list are normal service parts.

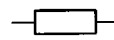
TUNER BOARD (FM/MWSW1/SW2)



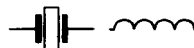
2101	4822 125 50597	PVC 335PX2/20PX2
2102	4822 126 12812	47pF 5% 50V
2103	4822 126 11714	4,7nF 20% 16V
2105	4822 124 40248	10µF 20% 50V
2106	4822 124 40248	10µF 20% 50V
2107	4822 126 12814	24pF 5% N220 50V
2108	4822 125 50077	1,4pF - 5,5pF 250V
2111	4822 126 13625	39pF 5% 50V
2112	4822 126 12283	8pF 0.5% 50V
2113	4822 125 50062	1,4pF - 10pF 250V
2115	4822 126 12122	22pF 5% 50V
2116	4822 126 12809	2,2pF 0.5% 50V
2117	4822 126 12337	3,9pF 0.5% 50V
2118	4822 122 31821	3,3pF 0.5% 50V
2120	4822 124 41397	47µF 20% 25V
2121	4822 126 13581	0,22µF 20% 50V
2122	4822 126 12671	330pF 10% 50V
2123	4822 125 50062	1,4pF - 10pF 250V
2125	4822 121 70099	2,2nF 10% 50V
2127	4822 126 12637	39pF 5% 50V N1500
2128	4822 121 70172	50V 7,5nF 10% 50V
2129	4822 125 50045	1,8pF - 22pF 250V
2130	4822 126 12669	15pF 5% 50V N750
2131	4822 121 51254	360pF 1% 400V
2132	4822 126 12337	9pF 0.5% 50V N1500
2133	4822 124 40246	4,7µF 20% 50V
2134	4822 121 51304	10nF 10% 50V
2135	4822 121 51304	10nF 10% 50V
2138	4822 124 40242	1µF 20% 50V
2139	4822 124 40242	1µF 20% 50V
2140	4822 124 40242	1µF 20% 50V
2141	4822 124 40239	0,47µF 20% 50V
2142	4822 124 40239	0,47µF 20% 50V
2147	4822 122 33307	10nF 80% 50V M20



3103	4822 116 52176	10R 5% 0,5W
3104	4822 116 52211	150R 5% 0,5W
3105	4822 116 52211	150R 5% 0,5W
3106	4822 116 52191	33R 5% 0,5W
3107	4822 116 52297	68K 5% 0,5W



3108	4822 100 20167	50K 5% 0,5W
3109	4822 116 52228	680R 5% 0,5W
3110	4822 116 83863	1K 5% 0,5W
3112	4822 116 52256	2K2 5% 0,5W
3113	4822 116 52234	100K 5% 0,5W
3114	4822 116 52234	100K 5% 0,5W
3121	4822 116 83864	10K 5% 0,5W
3124	4822 116 52252	180K 5% 0,5W



5101	4822 157 70513	Coil FM
5102	4822 156 30947	RF Coil 1,5 Turns
5104	4822 157 70501	Sw1 - Aerial Coil
5105	4822 156 10725	Sw2 - Aerial Coil
5106	4822 157 70502	Sw1 - Osc Coil
5107	4822 156 10725	Sw2 - Osc Coil
5108	4822 157 70696	Coil-M/O
5109	4822 157 70499	IFT-AM
5110	4822 156 11146	IFT-AM
5111	4822 242 71139	Fil Cer SFU468B
5112	4822 242 81154	Cerkit KMFC5058-Z
5113	4822 158 60623	Bar-Coil Assy MW



6101	4822 130 30621	1N4148
6102	4822 130 30621	1N4148



7101	4822 209 32746	TEA5711T/N2
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- MISCELLANEOUS -

1102	4822 277 21793	Slide Switch 6P4T
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Note : Only the parts mentioned in this list are normal service parts.

ELECTRICAL PARTSLIST



2250	4822 126 11592	1nF 10% 50V
2251	5322 124 41431	22µF 20% 35V
2253	5322 121 42661	330nF 5% 63V
2254	4822 124 81177	220µF 20% 10V
2255	4822 126 11592	1nF 10% 50V
2256	5322 124 41431	22µF 20% 35V
2258	5322 121 42661	330nF 5% 63V
2259	4822 124 81177	220µF 20% 10V
2260	4822 124 40196	220µF 20% 16V
2261	4822 124 81178	470µF 20% 16V
2262	4822 124 41643	100µF 20% 16V
2263	4822 124 40723	2200µF 20% 16V
2264	4822 126 11585	22nF+80-20% Y5V 25V
2265	4822 126 11585	22nF+80-20% Y5V 25V
2266	4822 126 11585	22nF+80-20% Y5V 25V
2267	4822 126 11585	22nF+80-20% Y5V 25V
2268	4822 124 41643	100µF 20% 16V
2269	4822 124 41643	100µF 20% 16V
2500	4822 121 43145	33nF 10% 50V
2501	4822 121 43145	33nF 10% 50V
2701	4822 124 40433	47µF 20% 25V
2703	5322 124 41431	22µF 20% 35V
2704	4822 121 51305	15nF 10% 50V
2705	5322 124 41431	22µF 20% 35V
2706	4822 122 33197	1nF 10% 50V
2707	4822 124 40433	47µF 20% 25V
2708	4822 122 33197	1nF 10% 50V
2709	5322 124 41431	22µF 20% 35V
2710	4822 121 51305	15nF 10% 50V
2711	4822 126 13632	22nF 20% 50V
2712	4822 122 33197	1nF 10% 50V
2713	4822 124 40433	47µF 20% 25V
2715	5322 124 41431	22µF 20% 35V
2717	4822 121 51305	15nF 10% 50V
2718	4822 126 13632	22nF 20% 50V
2719	4822 122 33197	1nF 10% 50V
2720	4822 124 40433	47µF 20% 25V
2722	5322 124 41431	22µF 20% 35V
2723	4822 121 51305	15nF 10% 50V
2724	5322 124 41431	22µF 20% 35V
2725	4822 126 12148	2,7nF 10%
2726	4822 126 12148	2,7nF 10%
2727	4822 122 31125	4,7nF 80% 63V
2728	4822 124 40433	47µF 20% 25V
2729	4822 124 81176	1µF 20% 50V

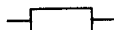


2730	4822 126 13631	1nF 20% 50V
2732	4822 126 12882	100nF +80-20% 50V
2733	4822 126 12882	100nF +80-20% 50V
2734	4822 124 40433	47µF 20% 25V
2736	4822 122 33197	1nF 10% 50V
2737	4822 124 40242	1µF 20% 63V
2738	4822 126 12147	22nF 10% Y5R 25V
2739	4822 124 41643	100µF 20% 16V
2740	4822 124 41643	100µF 20% 16V
2741	4822 124 40248	10µF 20% 63V
2742	4822 124 40248	10µF 20% 63V
2743	5322 122 32311	470pF 10% 100V
2744	5322 122 32311	470pF 10% 100V
2745	5322 122 32311	470pF 10% 100V
2746	5322 122 32311	470pF 10% 100V
2747	4822 126 10777	100pF 50V
2748	4822 126 10777	100pF 50V
2749	4822 126 10777	100pF 50V
2750	4822 126 10777	100pF 50V
2751	4822 121 51304	10NF 10% 50V
2752	4822 126 11714	4,7nF 20%

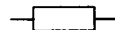


3250	4822 116 52224	470R 5% 0,5W
3251	4822 116 52184	18R 5% 0,5W
3252	4822 116 52224	470R 5% 0,5W
3253	4822 116 52184	18R 5% 0,5W
3256	4822 116 52217	270R 5% 0,5W
3257	4822 116 83863	1K 5% 0,5W
3258	4822 116 52257	22K 5% 0,5W
3259	4822 116 52257	22K 5% 0,5W
3260	4822 116 52284	47K 5% 0,5W
3261	4822 116 52284	47K 5% 0,5W
3262	4822 116 52211	150R 5% 0,5W
3263	4822 116 52211	150R 5% 0,5W
3500	4822 101 21163	50KA
3501	4822 273 10295	Rot.VR 50KB Vol.
3700	4822 116 52197	56R 5% 0,5W
3701	4822 116 52276	3K9 5% 0,5W
3702	4822 116 52283	4K7 5% 0,5W
3703	4822 116 52276	3K9 5% 0,5W
3704	4822 116 52276	3K9 5% 0,5W
3705	4822 116 52283	4K7 5% 0,5W

ELECTRICAL PARTSLIST



3706	4822 116 52197	56R	5%	0,5W
3707	4822 116 52276	3K9	5%	0,5W
3708	4822 116 52283	4K7	5%	0,5W
3709	4822 116 52276	3K9	5%	0,5W
3710	4822 116 52244	15K	5%	0,5W
3711	4822 116 52238	12K	5%	0,5W
3712	4822 116 52256	2K2	5%	0,5W
3713	4822 116 52197	56R	5%	0,5W
3714	4822 116 52303	8K2	5%	0,5W
3715	4822 116 83864	10K	5%	0,5W
3716	4822 116 52244	15K	5%	0,5W
3717	4822 116 52238	12K	5%	0,5W
3718	4822 116 52256	2K2	5%	0,5W
3719	4822 116 52197	56R	5%	0,5W
3720	4822 116 52303	8K2	5%	0,5W
3721	4822 111 30893	4M7	5%	0,2W
3722	4822 116 83864	10K	5%	0,5W
3723	4822 116 52256	2K2	5%	0,5W
3724	4822 116 52256	2K2	5%	0,5W
3725	4822 116 52176	10R	5%	0,5W
3726	4822 116 52211	150R	5%	0,5W
3727	4822 116 52234	100K	5%	0,5W
3729	4822 116 52176	10R	5%	0,5W
3730	4822 116 52303	8K2	5%	0,5W
3731	4822 116 52303	8K2	5%	0,5W
3732	4822 116 52303	8K2	5%	0,5W
3733	4822 116 52303	8K2	5%	0,5W
3734	4822 116 83863	1K	5%	0,5W
3735	4822 116 52292	560K	5%	0,5W
3736	4822 100 20165	500R	30%LIN	0,1W
3737	4822 116 52276	3K9	5%	0,5W
3738	4822 116 52176	10R	5%	0,5W
3740	4822 116 52235	1M	5%	0,5W
3741	4822 116 83864	10K	5%	0,5W
3742	4822 116 52228	680R	5%	0,5W
3743	4822 116 83864	10K	5%	0,5W
3744	4822 116 52289	5K6	5%	0,5W
3745	4822 116 52219	33R	5%	0,5W
3746	4822 116 52219	33R	5%	0,5W
3747	4822 116 52175	100R	5%	0,5W
3748	4822 116 52175	100R	5%	0,5W
3749	4822 116 52256	2K2	5%	0,5W
3750	4822 116 52291	56K	5%	0,5W
3752	4822 116 52224	470R	5%	0,5W
3753	4822 116 52215	220R	5%	0,5W



3754	4822 116 52239	120K	5%	0,5W
3755	4822 116 52224	470R	5%	0,5W
3756	4822 116 52215	220R	5%	0,5W
3757	4822 116 52239	120K	5%	0,5W
3758	4822 116 52224	470R	5%	0,5W
3759	4822 116 52215	220R	5%	0,5W
3760	4822 116 52239	120K	5%	0,5W
3761	4822 116 52245	150K	5%	0,5W
3762	4822 116 52215	220R	5%	0,5W
3763	4822 116 52239	120K	5%	0,5W
3764	4822 116 52224	470R	5%	0,5W
3765	4822 116 83863	1K	5%	0,5W
3766	4822 116 83864	10K	5%	0,5W
3767	4822 116 83864	10K	5%	0,5W
3768	4822 116 52257	22K	5%	0,5W
3769	4822 116 52234	100K	5%	0,5W
3770	4822 116 83863	1K	5%	0,5W
3771	4822 116 83864	10K	5%	0,5W



5708	4822 156 20946	Coil
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6250	4822 130 34167	BZX79-C6V2
6252	4822 130 31438	1N4001
6253	4822 130 31438	1N4001
6254	4822 130 31438	1N4001
6255	4822 130 31438	1N4001
6707	4822 130 31274	TLR124
6708	4822 130 31274	TLR124
6709	4822 130 31438	1N4001



7250	4822 209 70372	TA7769P
7251	4822 130 40937	ED1402C
7700	4822 209 32918	AN7318S
7701	4822 209 32918	AN7318S
7702	4822 130 40937	ED1402C

ELECTRICAL PARTSLIST



7703	4822 130 40937	ED1402C
7704	4822 130 40937	BC548B
7706	4822 130 40941	1602C
7707	4822 130 40937	ED1402C
7708	4822 130 40937	BC548B
7709	4822 130 40937	BC548B
7710	4822 130 40937	BC548B

- MISCELLANEOUS -

1250	4822 267 31468	Socket-headphone
1251	4822 240 50342	Loudspeaker
1252	4822 240 50342	Loudspeaker
1253	 4822 277 21794	Voltage Selector
1700	4822 242 30176	Microph. Cond.
1701	4822 277 30972	Switch-slide
1702	4822 276 20529	Switch-push
1800	 4822 146 21819	Transf. EI-41 230V
1800	 4822 146 21821	Transf. EI-41 120/230V
1801	 4822 267 30738	Socket Mains

Note Only the parts mentioned in this list are normal service parts.