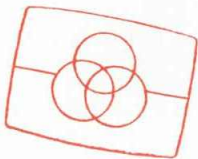


Stereo radio cassette player D6591/00

Service
Service
Service

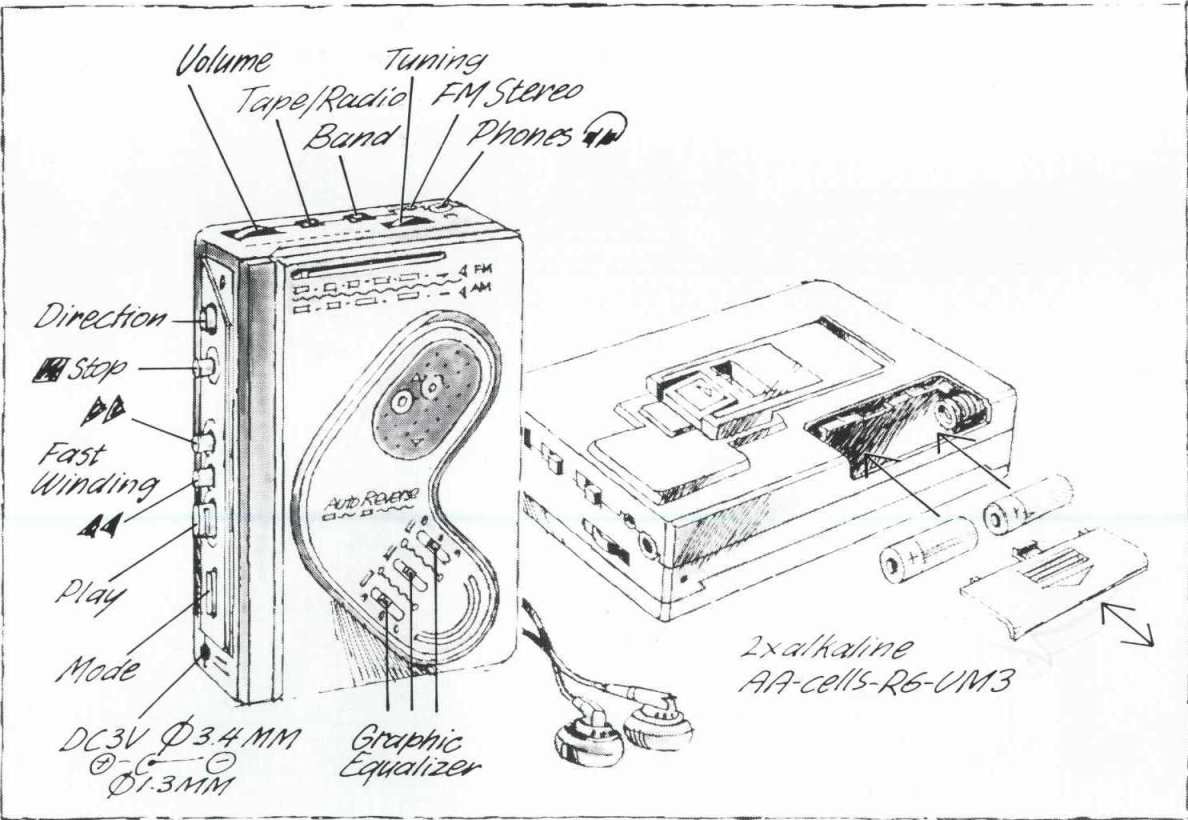


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Service Manual

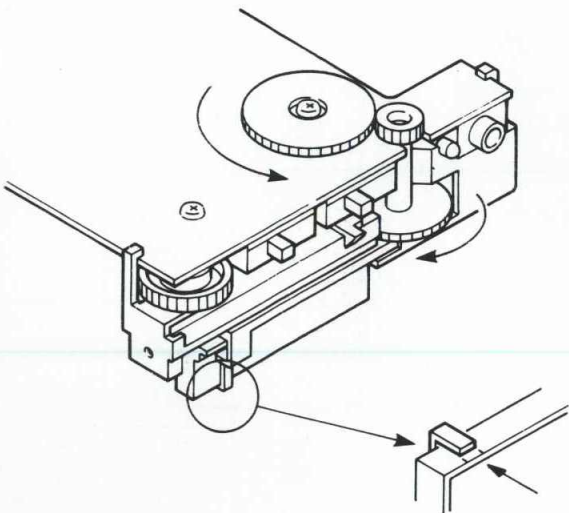


SPECIFICATIONS

AM : 520-1605 kHz
FM : 87,5-108 MHz
AM-IF : 455 kHz
FM-IF : 10,7 MHz
G.E. : 100 Hz/1 kHz/10 kHz

3 V DC (2 x R6)
Tape speed : 4,76 cm/sec ± 3%
Wow and flutter : 0,21%
S/N ratio : 45 dB
Track separation : 50 dB

DIAL POINTER SETTING



PR-1371

Adjustment	Cassette	Recorder in position	Apply signal to	Measure on	Read on	Adjust with	Adjust to
Play back speed	3150 Hz of SBC420*	PLAY tape	-	J301	Wow- and flutter meter	VR2	**a
Azimuth P head	8 kHz of SBC420*	PLAY tape	-	J301	mV-meter	screw PB head (pos. 75)	Max. output: left and right-forward and reverse

* SBC420: 4822 397 30071.
**a The maximum permissible speed deviation is 3%.
Moreover, the wow-and-flutter value can be read.
This value should not exceed 0.35%.

GB WARNING

All ICs and many other semi-conductors 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 also at this potential.

ESD



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.

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 enfiler le bracelet serti d'une résistance de sécurité.
Veiller à ce que les composants ainsi que les outils que l'on utilise soient également à ce potentiel.

D WARNUNG

Alle ICs und viele andere Halbleiter sind empfindlich gegenüber elektrostatischen Entladungen (ESD).
Unvorsorgfältige Behandlung im Reparaturfall kan die Lebensdauer drastisch reduzieren.
Veranlassen Sie, dass Sie im Reparaturfall über ein Pulsarmband mit Widerstand verbunden sind mit dem gleichen Potential wie die Masse des Gerätes.
Bauteile und Hilfsmittel auch auf dieses gleiche Potential halten.

I AVVERTIMENTO

Tutti IC e parecchi semi-conduttori sono sensibili alle scariche statiche (ESD).
La loro longevità potrebbe essere fortemente ridatta 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.



"Pour votre sécurité, ces documents doivent être utilisés par des spécialistes agréés, seuls habilités à réparer votre appareil en panne".

Subject to modification
4822 725 22142

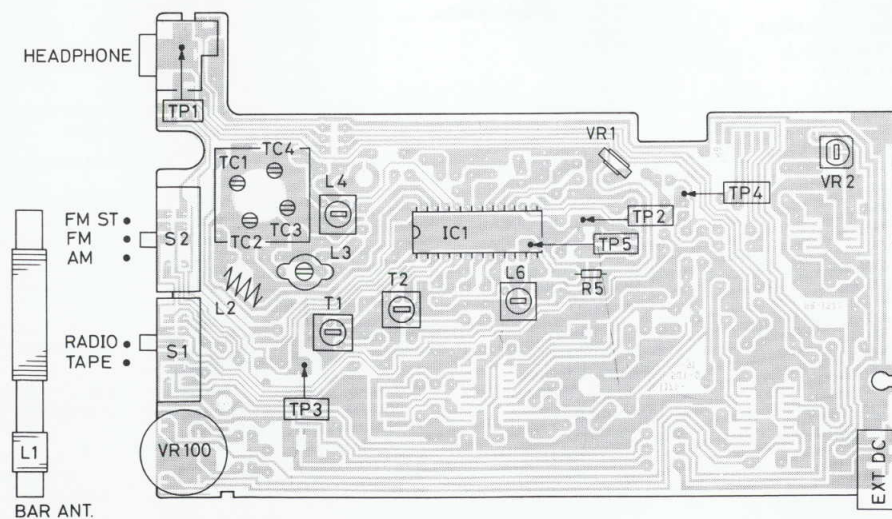
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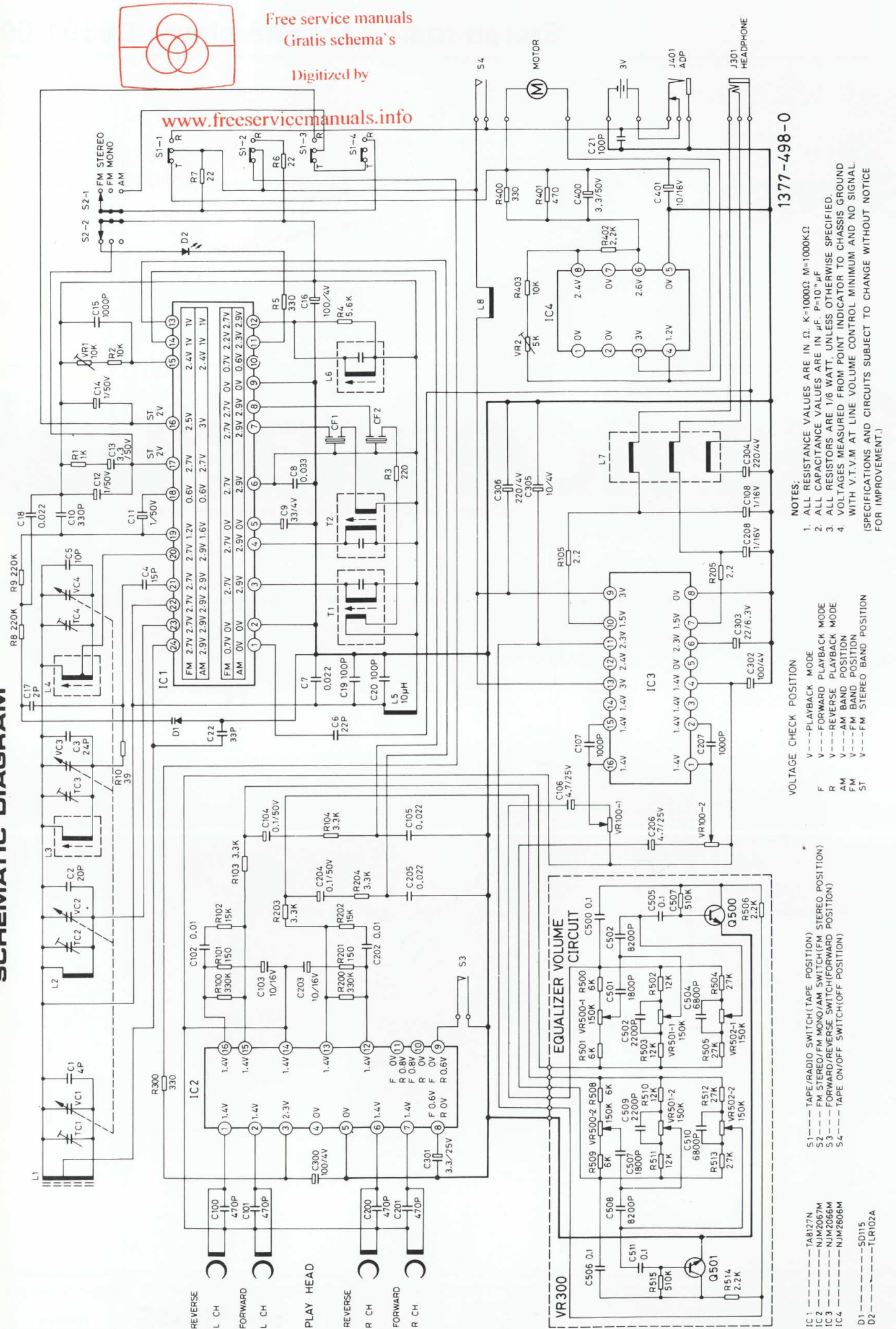
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S2						
AM-IF						
MW	455 kHz*	 BAR ANT.	max cap	T2		J301 max
AM-RF						
MW 520-1605 kHz	515 kHz*	 BAR ANT.	max cap	L4		J301 max
	1650 kHz*		min cap	TC4		
	600 kHz*			L1		
	1400 kHz*			TC1		
FM-IF						
FM	10.7-MHz $\Delta F=500$ kHz (50 Hz)	TP3 via 4 pF	max cap	L6 max		
				T1	TP4 sym MAX.	
				L6	max TP4	
FM-RF						
FM 87.5-108 MHz	87.5 MHz* $\Delta f=22.5$ kHz	TP1	max cap	L3	J301 max	
	109 MHz* $\Delta f=22.5$ kHz		min cap	TC3		
	90 MHz* $\Delta f=22.5$ kHz			L2	J301 max	
	106 MHz* $\Delta f=22.5$ kHz			TC2		
Repeat-Herhalen-Répéter-Wiederholen-Repetera-Ricomminiare-Gentage *Mod. 1 kHz 30%						
Stereo-Decoder						
S1 FM stereo	No signal		VR1		TP5 freq. counter 76 kHz $\pm$ 50 Hz	

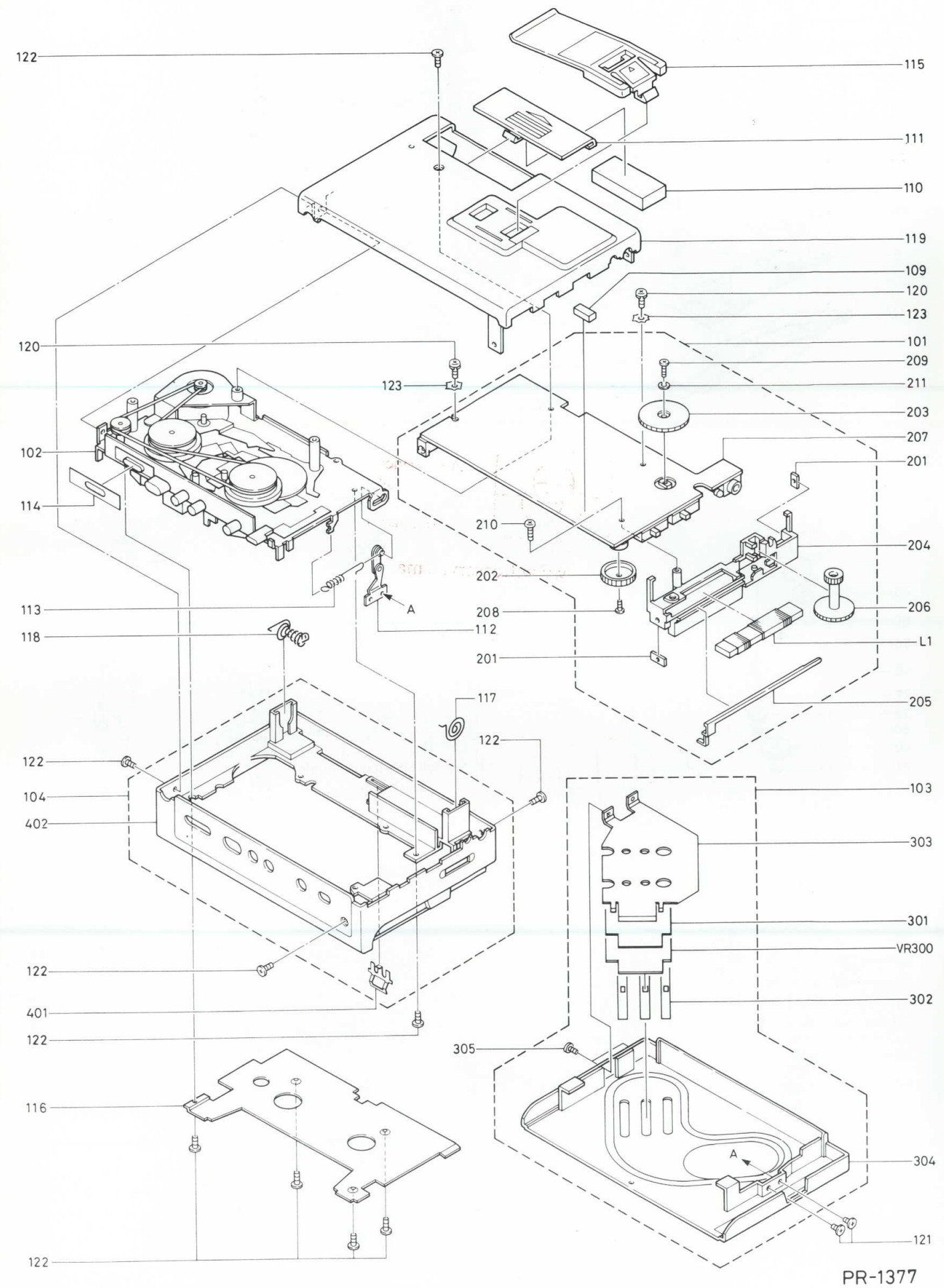
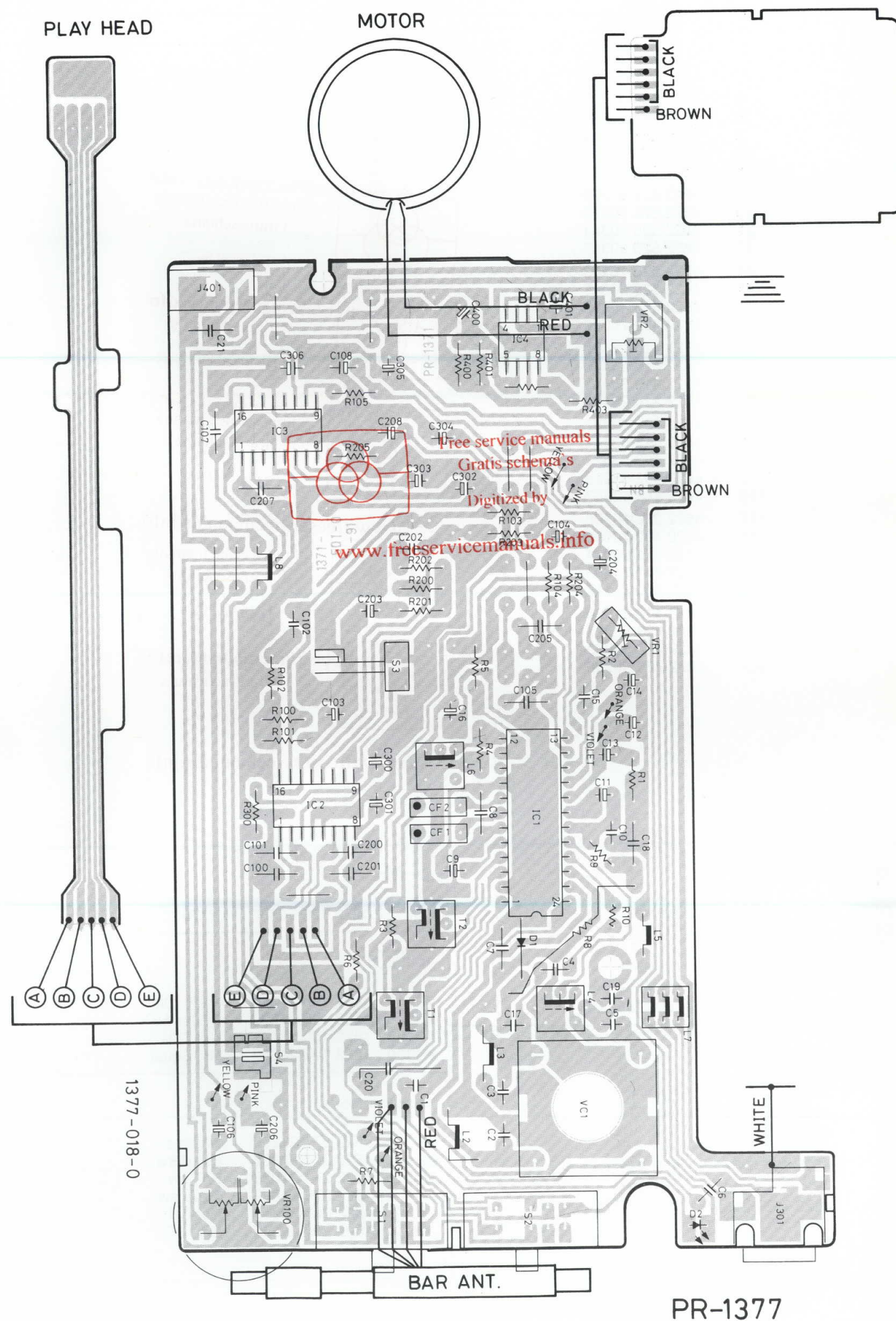
↑ Repeat-Herhalen-Répéter-Wiederholen-Repetera-Ricomminiare-Gentage
*Mod. 1 kHz 30%

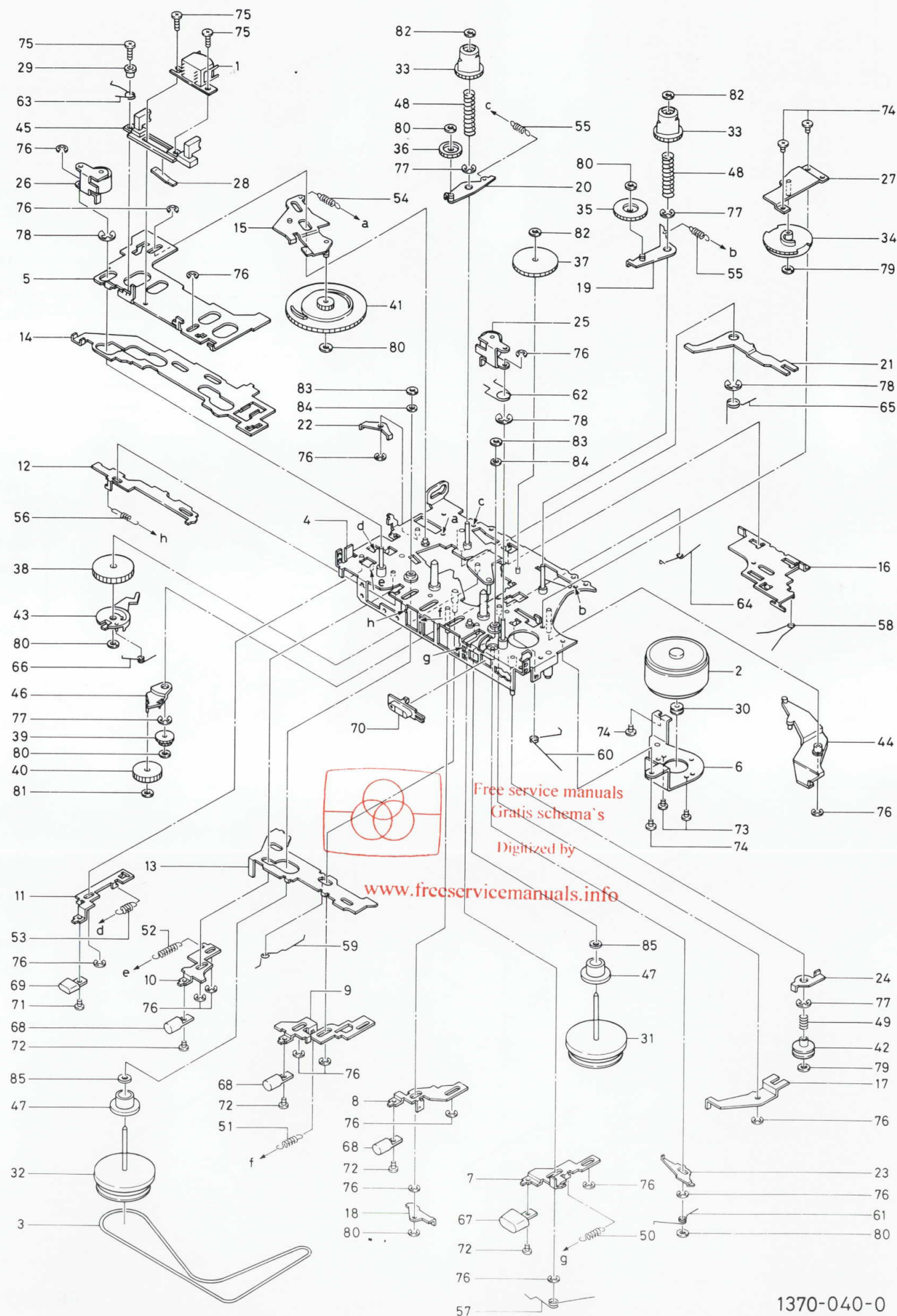


SCHEMATIC DIAGRAM



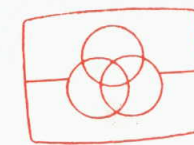
WIRING DIAGRAM





1370-040-0

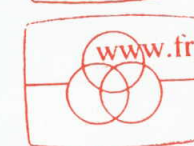
1	4822 249 30131
2	4822 361 21157
3	4822 358 30842
15	4822 466 92278
25	4822 528 81227
26	4822 528 81228
30	4822 528 50296
31	4822 528 60344
32	4822 528 60345
33	4822 528 10703
41	4822 528 20617
42	4822 528 40292
48	4822 492 70095
67	4822 410 26438
68	4822 410 26439
69	4822 410 26441
70	4822 410 26442
102	4822 691 20487
111	4822 443 62437
112	4822 403 53629
115	4822 492 63959
116	4822 443 62567
117	4822 290 30296
118	4822 492 70096
119	4822 421 50074
202	4822 411 61503
205	4822 450 81117
206	4822 413 31536
304	4822 423 50927
401	4822 492 52045
402	4822 423 50926



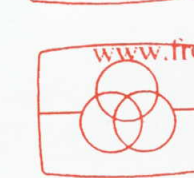
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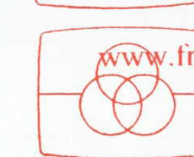
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D IC

D1	4822 130 31666	SD115
D2	4822 130 32096	TLR102A
IC1	4822 209 73481	TAB127N
IC2	4822 209 73478	NSM2067M
IC3	4822 209 73477	NSM2066M
IC4	4822 209 73479	NSM2606AM

L

T1	4822 157 51678	FM IFT
T2	4822 156 11102	AM IFT
L1	4822 303 30341	ANT AM
L2	4822 157 53646	OSC AM
L3	4822 157 53647	ANT FM
L4	4822 156 11103	OSC FM
L6	4822 157 53785	FM IFT
L7	4822 157 53648	FILTER
CF1	4822 242 72281	CER. F 10.7
CF2	4822 242 72282	CER. F 10.7

C

VC1	4822 125 50387	VARICON
-----	----------------	---------

R

VR1	4822 100 11346	Pilot 10k
VR2	4822 100 11399	Motor 5k
VR100	4822 100 13441	Vol. 20k
VR300	4822 100 20609	Gr. Equal.

Miscellaneous

S1	4822 277 21259	Mode sw.
S2	4822 277 21258	Band sw.
S3	4822 277 21028	F/R sw.
S4	4822 276 11882	Tape sw.
J301	4822 267 30947	Headph.
J401	4822 264 30235	Ext. DC