



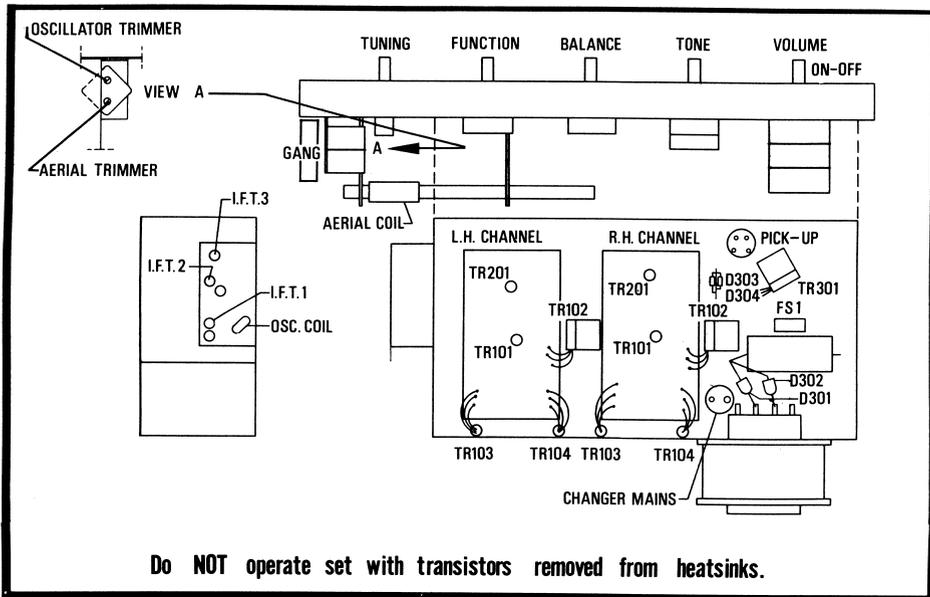
## PRELIMINARY SERVICE INFORMATION SPECIFICATIONS.

TUNING RANGE	520 kHz-1620 kHz
INTERMEDIATE FREQUENCY	455 kHz
POWER SUPPLY	220-250V 50 Hz
POWER CONSUMPTION	20 WATTS
RECORD CHANGER	BSR UA25
PICK-UP HEAD	BSR C1/ST3
MODULES	UF311, 2 x UA503

### ALIGNMENT FREQUENCIES

I.F.T. 1	453.3 kHz
I.F.T. 2	457 kHz
I.F.T. 3	457.5 kHz
OSCILLATOR COIL	520 kHz
OSCILLATOR TRIMMER	1620 kHz
AERIAL COIL	600 kHz
AERIAL TRIMMER	1500 kHz

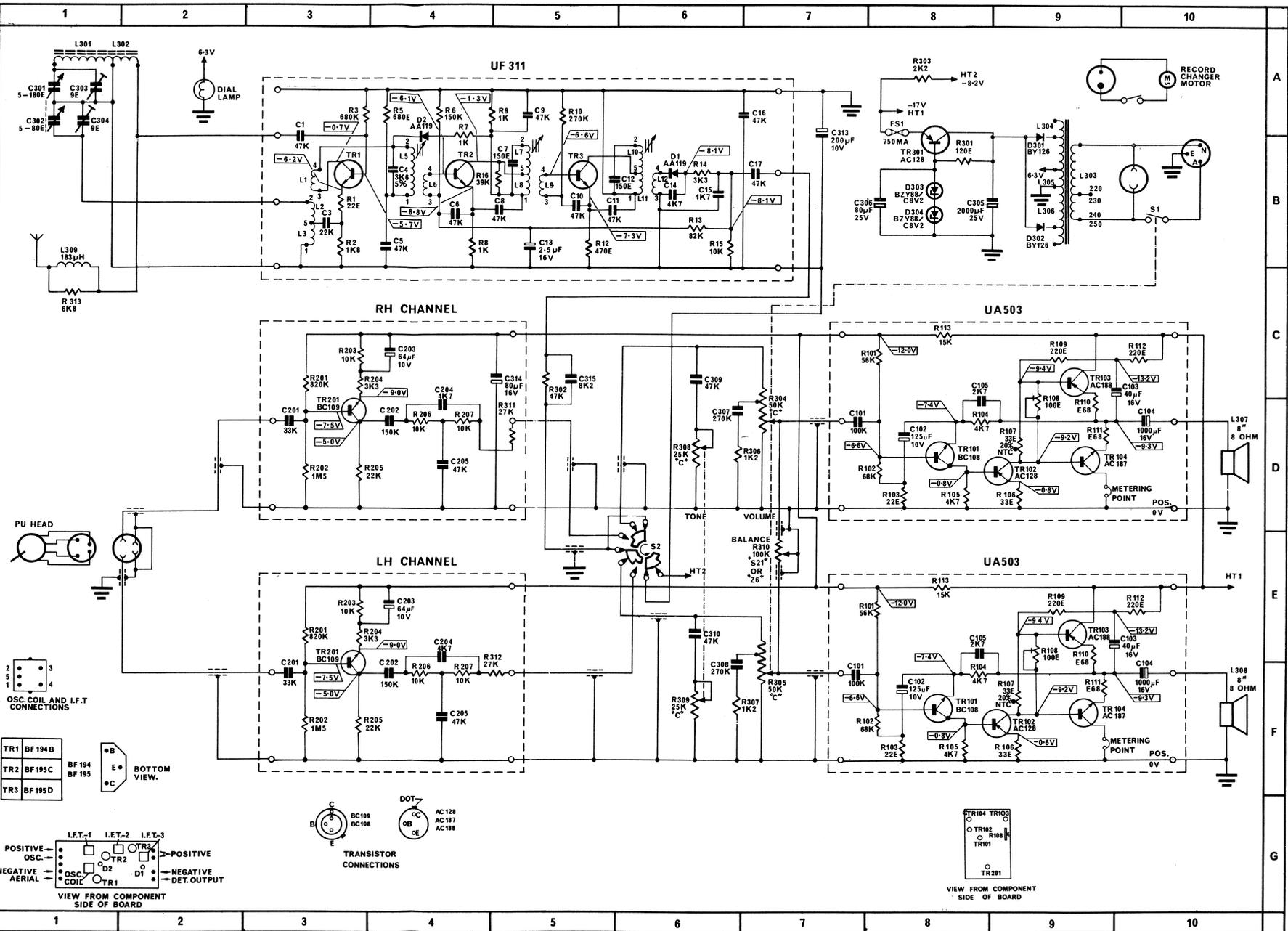
### COMPONENT LAYOUT



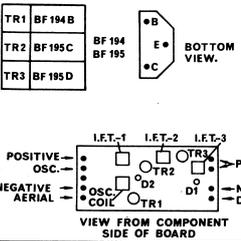
Do NOT operate set with transistors removed from heatsinks.

COMPONENT LOCATIONS									
COMP. NO.	W. NO.	COMP. NO.	W. NO.	COMP. NO.	W. NO.	COMP. NO.	W. NO.	COMP. NO.	W. NO.
R201	R8	C301	A1	D301	A9	L301	A1		
R202	C5	C302	A1	D302	B9	L302	A1		
R303	A8	C303	A1	D303	B8	L303	B9		
R304	D7	C304	A1	D304	B8	L304	A9		
R305	F7	C305	B8			L305	B9		
R306	F7	C306	B8			L306	B9		
R307	F7	C307	D6			L307	D10		
R308	D6	C308	F6	TR301	B8	L308	F10		
R309	F8	C309	C6			L309	B1		
R310	E7	C310	E6						
R311	D5			S1	B10				
R312	F5			S2	E6				
R313	C1	C313	A7						
		C314	C5						
		C315	C5						

- NOTE:
1. RESISTORS ARE 0.5 W
  2. CAPACITOR VALUES ARE IN PF UNLESS OTHERWISE STATED.
  3. CIRCUIT DIAGRAM UA503 - 07/310.3 - DRWG NO. C19832
  4. CIRCUIT DIAGRAM UF 311 - 07/316.6 - DRWG NO. C20052
  5. VOLTAGES MEASURED FROM CHASSIS UNDER NO SIGNAL CONDITIONS WITH VTVM.
  6. S2 SHOWN IN RADIO POSITION.



± 10%	1	2	3	4	5	6	7	8	9	10
± 10%, ELECTROLYTICS - 10 + 50%										
TOLERANCES										



PLEASE REFER PHILIPS SERVICE NOTES FOR DETAILED INFORMATION