



HEALING MODEL 800T

Power Supply.....Two 1½ volt "D" size cells, No. 1050 or equiv.,
 Tuning Range.....530-1650 Kc/s.
 Intermediate Frequency.....455 Kc/s.
 No Signal Battery Current.....15 mA.

ALIGNMENT PROCEDURE

I.F. ALIGNMENT.

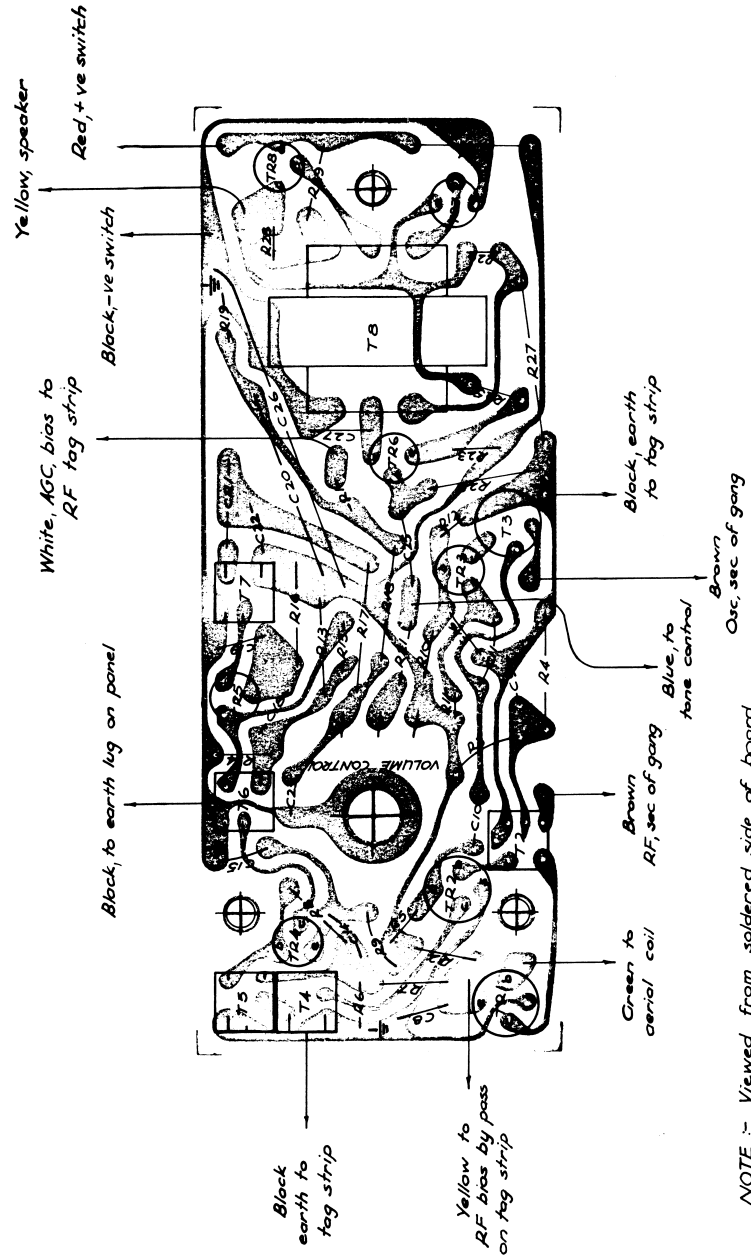
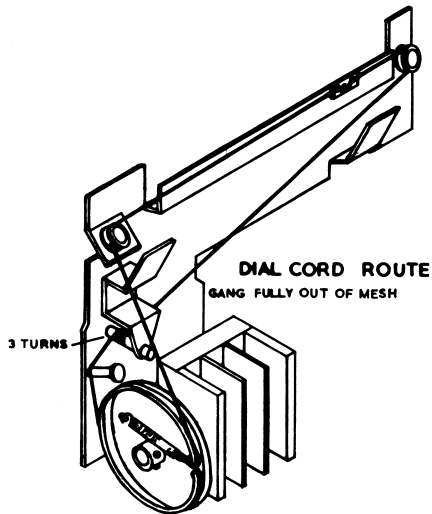
Connect signal generator through a - 1 mfd capacitor to R.F. Section of gang, C4 (nearest to drum). Use minimum signal generator output consistent with a readable signal. Set volume control to maximum, tone control on "high", and tuning capacitor to minimum capacity. Frequency 455 Kc/s.

1. Adjust I.F. transformer cores in order T7, T6, T5, T4.
2. Repeat (1) until alignment is satisfactory.

R.F. AND OSCILLATOR ALIGNMENT

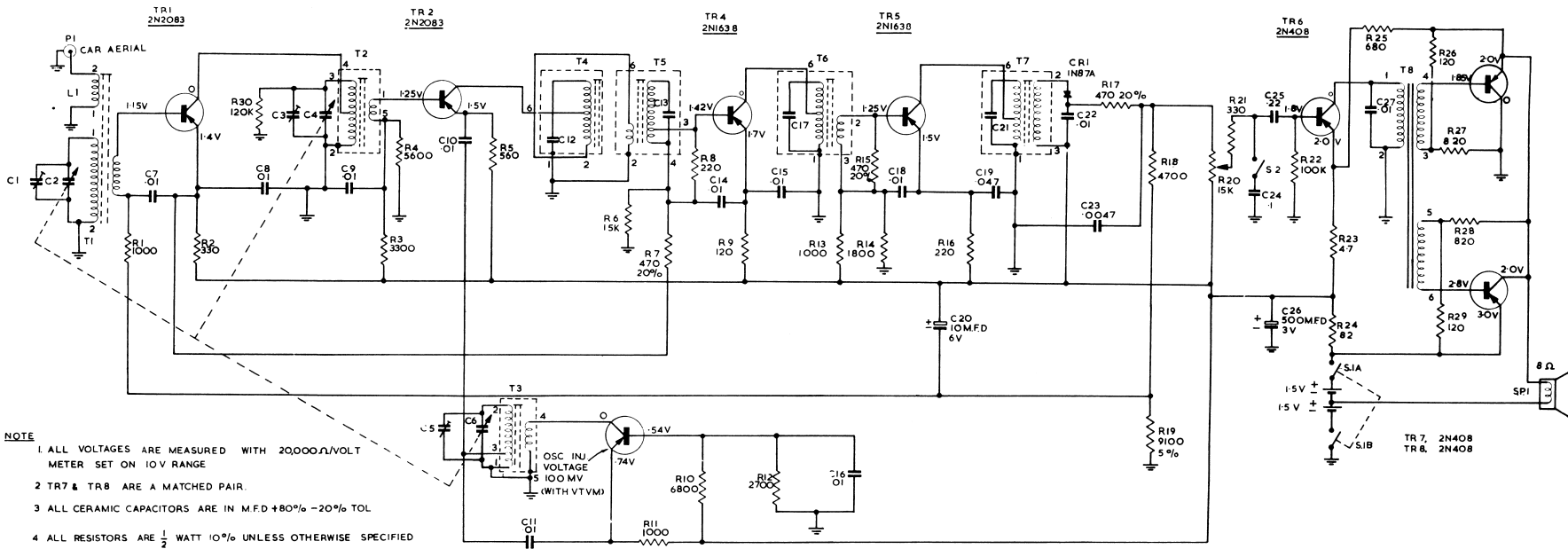
Signal generator should be coupled loosely to receiver i.e. through a radiating loop, or a wire lying along bench.

1. Set pointer to 530 Kc/s mark at L.F. end of band.
 2. Using an accurately calibrated signal generator, set 600 Kc/s on dial by adjusting oscillator coil slug.
 3. Set 1600 Kc/s by adjusting oscillator trimmer.
 4. Peak aerial coil and R.F. coil at 600 Kc/s.
 5. Peak aerial trimmer and R.F. trimmer at 1400 Kc/s.
 6. Repeat (4) and (5) until alignment is satisfactory.
- Aerial primary coil L1 should be centred one inch from end of rod.



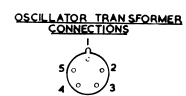
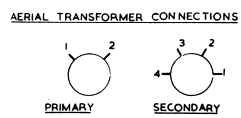
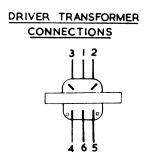
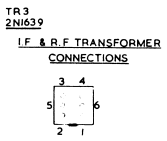
NOTE :- Viewed from soldered side of board.

HEALING MODEL SOOT



NOTE

- 1 ALL VOLTAGES ARE MEASURED WITH 20,000 Ω/VOLT METER SET ON 10V RANGE
- 2 TR7 & TR8 ARE A MATCHED PAIR.
- 3 ALL CERAMIC CAPACITORS ARE IN M.F.D ±80% -20% TOL
- 4 ALL RESISTORS ARE 1/2 WATT 10% UNLESS OTHERWISE SPECIFIED



VIEWED FROM TERMINAL PIN ENDS

COMPONENTS NOT DESCRIBED ON CIRCUIT

SPI	Speaker, Rola, 3CQ/00/F41/8, 8 ohm Voice coil	T6	Transformer, 2nd I.F.	RJ182	
C1, C2	Capacitor, Variable, Padderless. MSP Type K3XT (AGH No. RL1037)	T7	Transformer, 3rd I.F.	RJ183	
C3, C4		T8	Transformer, Audio Driver, Rola	RDR	
C5, C6				Clips, Knob, Spire SCO/2150/17/0	
				Battery Mounting Assembly, RD277	
R20	Resistor Variable, 15K		Palnuts for Dial etc., 1/8" No. RI25ST		
L1	Inductor, Aerial Prim.		Clips, Speaker, Spire SFP/0212/17/0		
T1	Transformer, Aerial Sec.		Screws, Case Mounting, No. 6 × 5/8" S.T.		
T2	Transformer, RF				
T3	Transformer, Osc.				
T4	Transformer 1st I.F. Prim.				
T5	Transformer 1st I.F. Sec.				
				* RJ179 used to Serial No. 2200. Replaced with RJ185.	