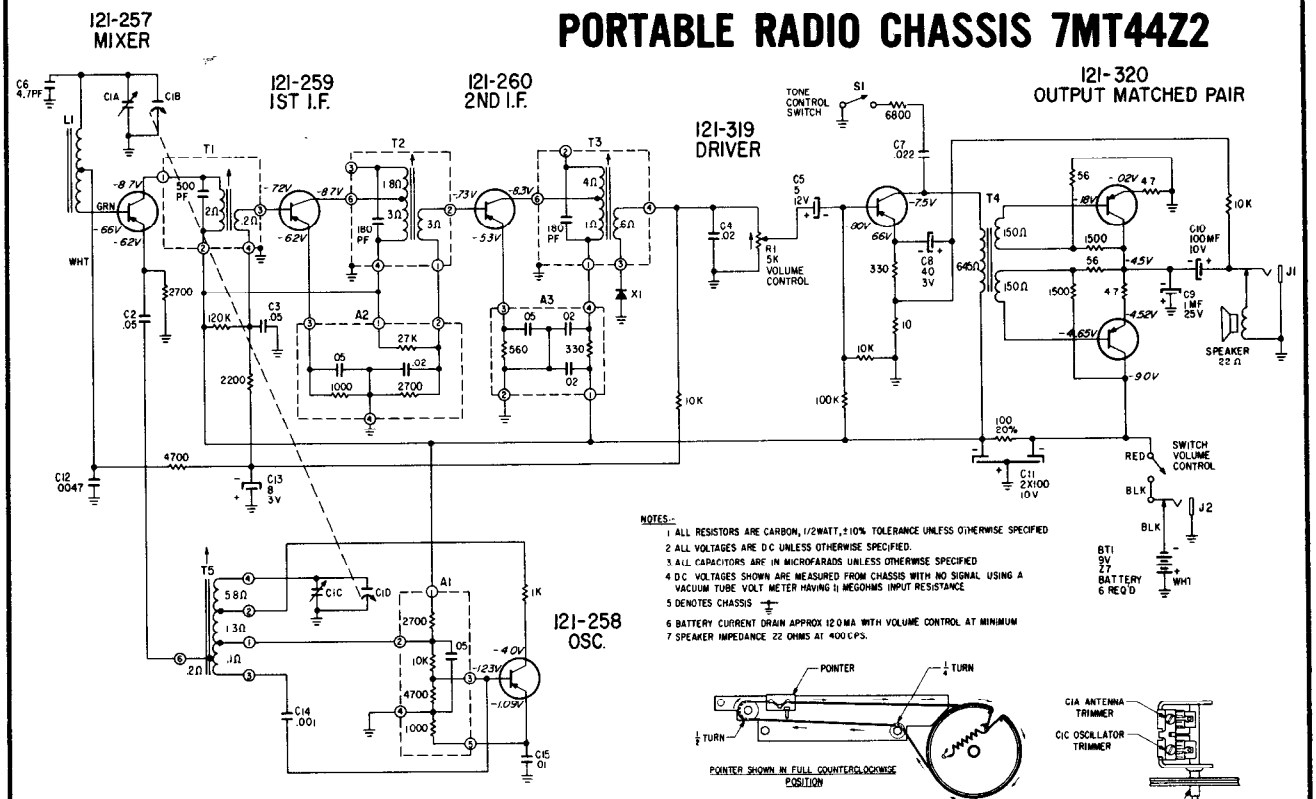
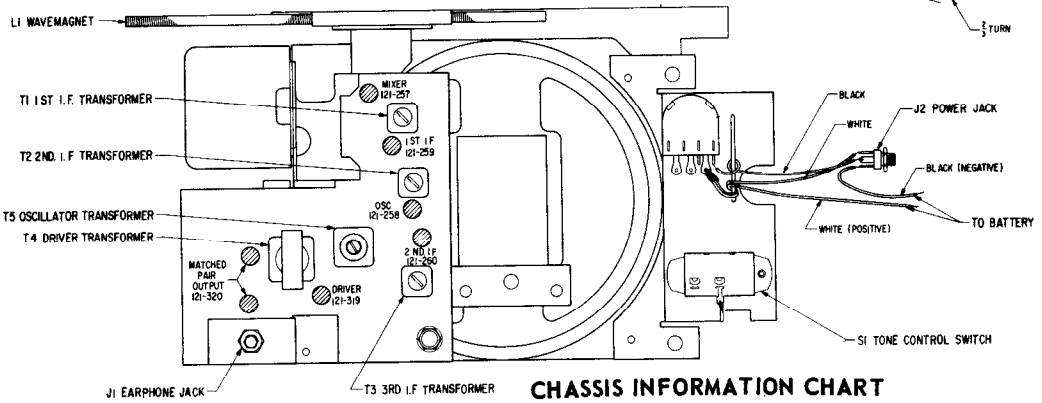
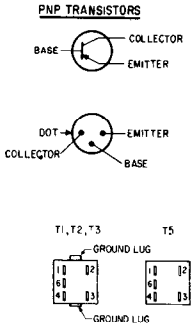
MODEL ROYAL 710M ALL TRANSISTOR PORTABLE RADIO CHASSIS 7MT44Z2







CHASSIS INFORMATION CHART

Chassis	Part No.	OSC.	Mixer	1st I.F.	2nd I.F.	Crystal Diode Detector	Driver	Output	Supplier
7MT44Z2	Zenith E.I.A. Type	121-258 2N1526 PNP	121-257 2N1524 PNP	121-259 2N1524 PNP	121-260 2N1524 PNP	103-44 or 403-1	121-319 2N408 PNP	121-320 2N408 Matched Pair PNP	R. C. A.

ALIGNMENT PROCEDURE

Operation	Input Signal Frequency	Connect Inner Conductor From Oscillator To	Connect Outer Shield Conductor From Oscillator To	Set Dial At	Trimmers	Purpose
1	455 KC	ONE TURN LOOSELY COUPLED TO WAVEMAGNET	Chassis	600 KC	Adj. T1, T2, T3 for maximum output.	For. I.F. Alignment
2	1620 KC			Gang wide open	C1C	Set oscillator to dial scale.
3	600 KC			Set dial near 600 KC	Adjust slug in T6	Adjust T6 for maximum output while rocking gang. Adjust for maximum output regardless of dial accuracy.
4	REPEAT STEPS 2 & 3					
5	1260 KC			1200 KC	C1A	Align loop ant.