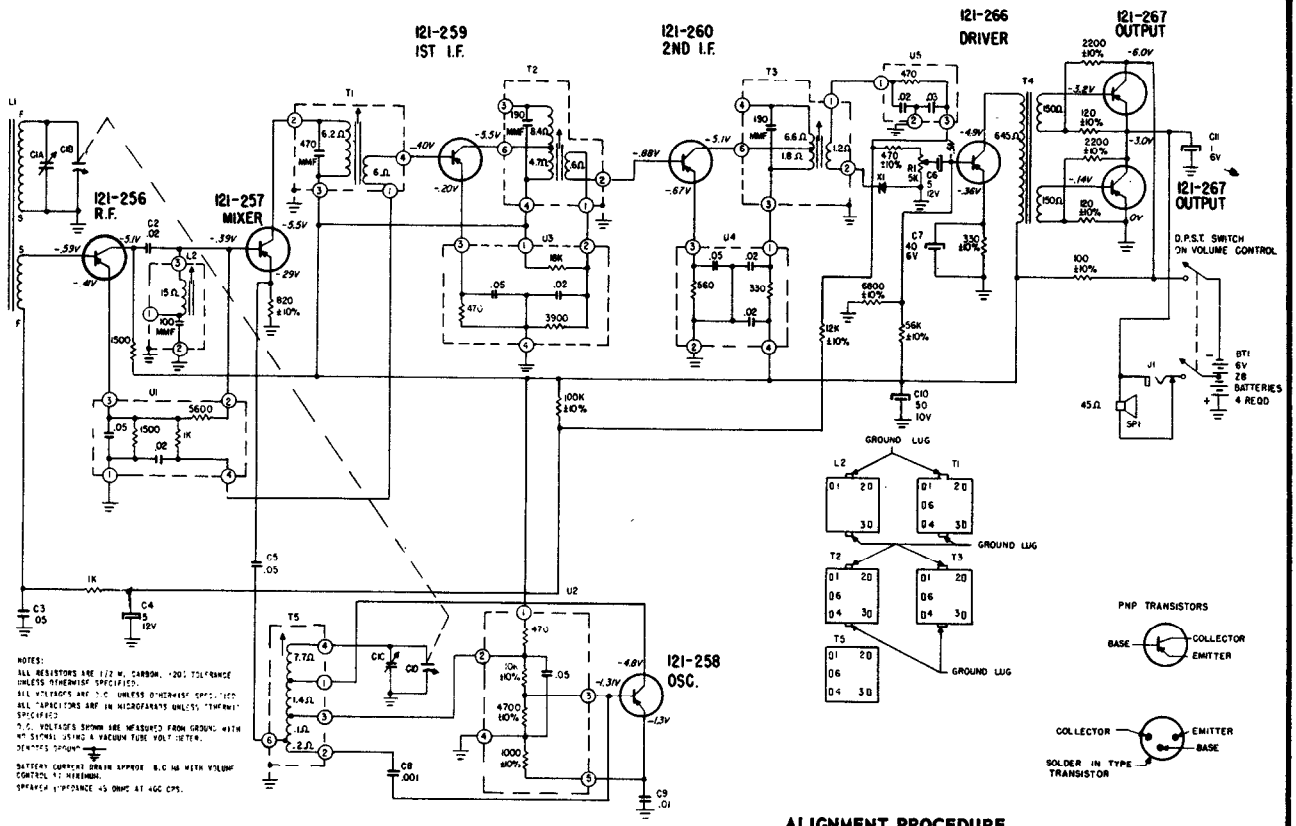
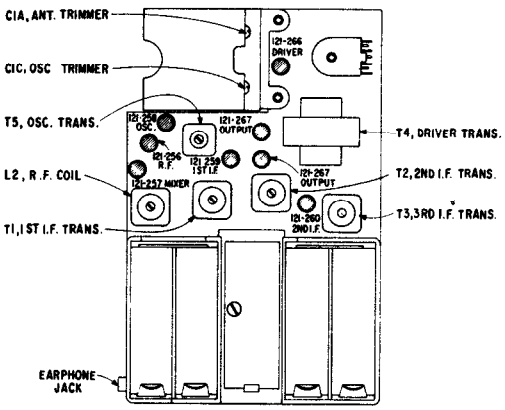
ZENITH RADIO CORP. CHASSIS 8KT40Z2

MODELS ROYAL 285-500E1





TRANSISTOR & TRIMMER LAYOUT

ALIGNMENT PROCEDURE

Operation	Input Signal Frequency	Connect Inner Conductor From Oscillator To	Set Dial At	Trimmers	Purpose
1	455 KC	ONE TURN LOOSELY COUPLED TO THE ANTENNA	600 KC	Adj. T1, T2 T3 for Maximum output	For I.F. Alignment
2	455 KC		600 KC	Adj. L2 for Minimum output	Tune Trap to IF Frequency
3	1620 KC		Gang Wideopen	C1C	Set Oscillator To Dial Scale
4	600 KC		Near 600	Adjust slug in T5	Adjust T5 for Maximum output while rocking gang. Tune T5 for Maximum output regardless of dial accuracy
5	Repeat Steps 3 & 4		———	———	———
6	1260 KC		1260 KC	C1A	Align Loop Antenna

CHASSIS INFORMATION CHART

Chassis	Part No.	R.F.	Mixer	Osc.	1st I.F.	2nd I.F.	Crystal Diode Detector	Driver	Output-Output	Supplier
8KT40Z2	Zenith Type E.I.A.	121-256 PNP 2N1632	121-257 PNP 2N1526	121-258 PNP 2N1524	121-259 PNP 2N1524	121-260 PNP 2N1524	103-19 or 103-44	121-266 PNP 2N406	121-267 Pair PNP PNP 2N408	R.C.A.