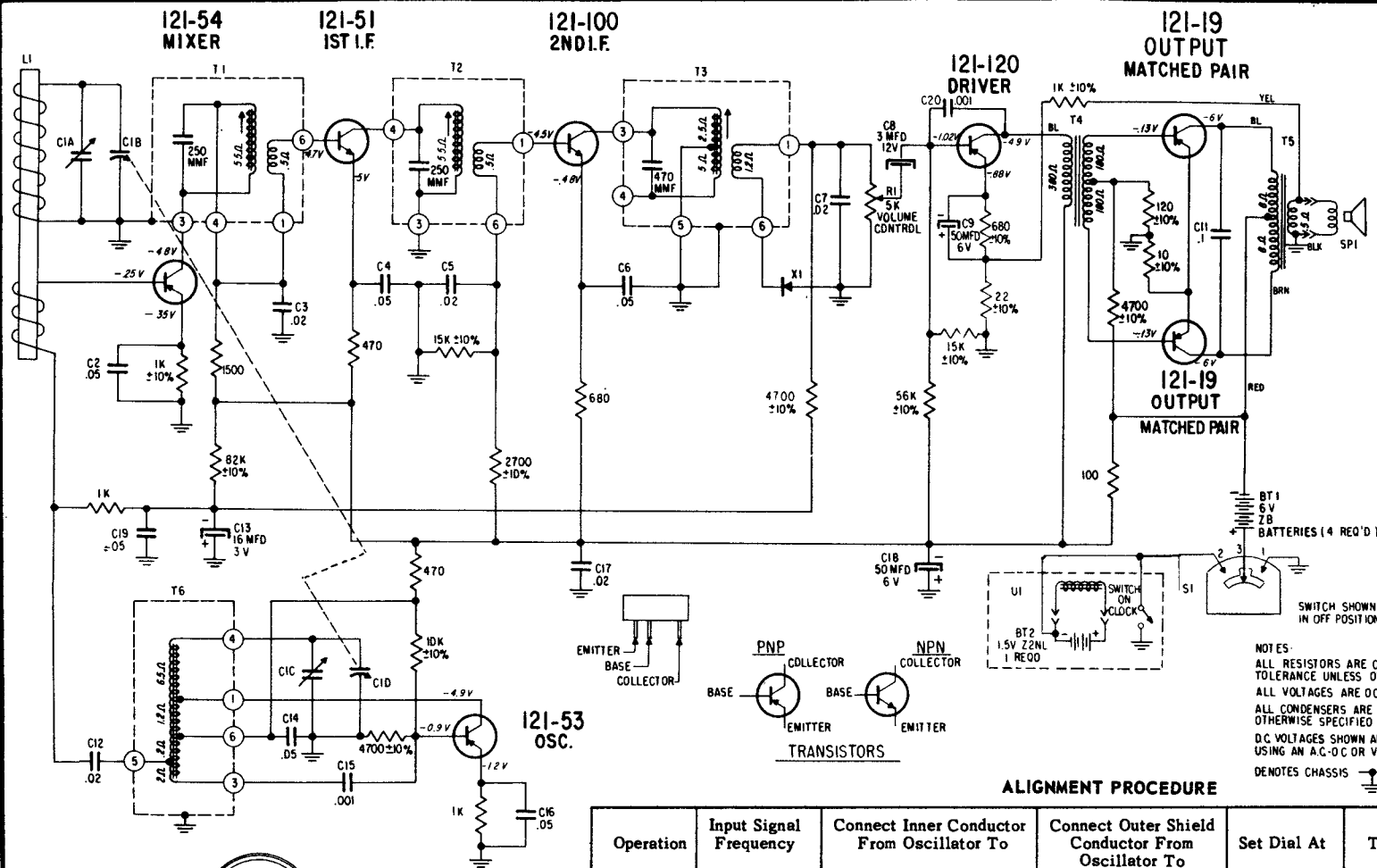


ZENITH RADIO Chassis 7AT46Z1

Model "Royal 950"

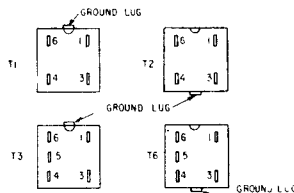
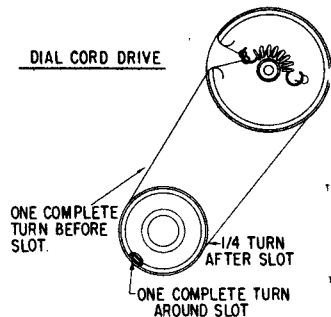
(Continued on page 190, over)



NOTES:
ALL RESISTORS ARE CARBON, 1/2 WATT, $\pm 20\%$ TOLERANCE UNLESS OTHERWISE SPECIFIED
ALL VOLTAGES ARE D.C. UNLESS OTHERWISE SPECIFIED
ALL CONDENSERS ARE IN MICROFARADS UNLESS OTHERWISE SPECIFIED
D.C. VOLTAGES SHOWN ARE MEASURED WITH NO SIGNAL USING AN A.C.-D.C. OR VACUUM TUBE VOLTMETER
DENOTES CHASSIS

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	535 KC		—	Gang Closed	Adjust slug in T6	Set Oscillator to dial scale.
4	REPEAT STEPS 2 & 3		—	—	—	—
5	1260 KC		—	1260 KC	C1A	Align loop ant.

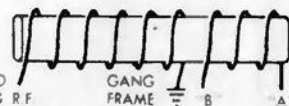


Model "Royal 950"

-MATCHED PAIR



B—BASE
C—COLLECTOR
E—EMITTER



TO /
GANG R.F.

121-54
MIXER