

* 42I-6
12I-244
MIXER

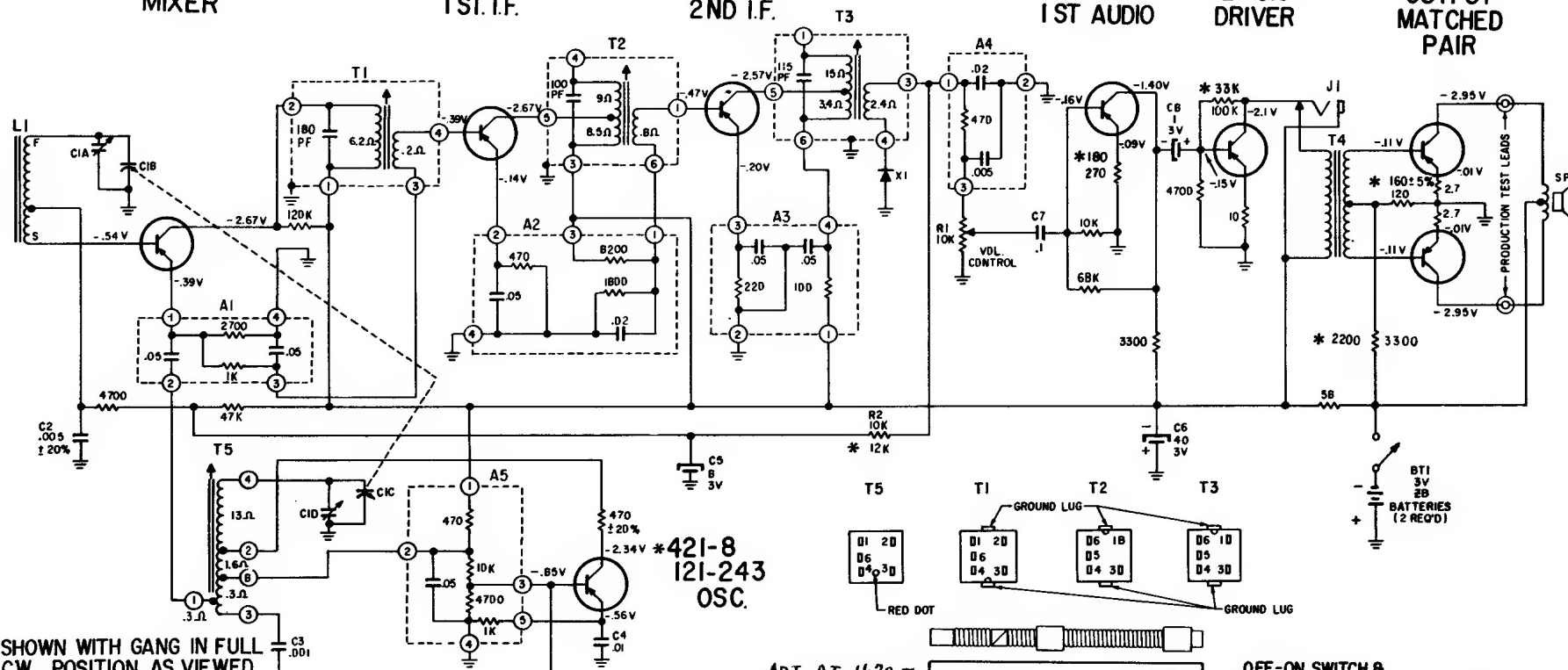
* 42I-7
12I-242
1ST. I.F.

* 42I-8
12I-243
2ND I.F.

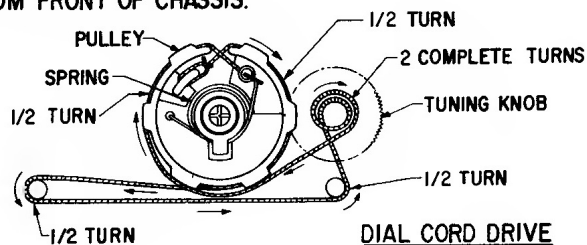
* 42I-11
12I-309
1ST AUDIO

* 42I-12
12I-310
DRIVER

* 42I-13
12I-311
OUTPUT
MATCHED
PAIR



SHOWN WITH GANG IN FULL
CW POSITION AS VIEWED
FROM FRONT OF CHASSIS.



NOTES:

ALL RESISTORS ARE CARBON. 1/2 WATT $\pm 10\%$ TOLERANCE
UNLESS OTHERWISE SPECIFIED.

ALL VOLTAGES ARE D.C. UNLESS OTHERWISE SPECIFIED.
ALL CAPACITORS ARE IN MICROFARADS UNLESS OTHERWISE
SPECIFIED.

D.C. VOLTAGES SHOWN ARE MEASURED FROM GROUND WITH
NO SIGNAL USING A VACUUM TUBE VOLTMETER

* INDICATES PARTS AND TRANSISTORS USED IN CHASSIS
8MT50Z9 ONLY.

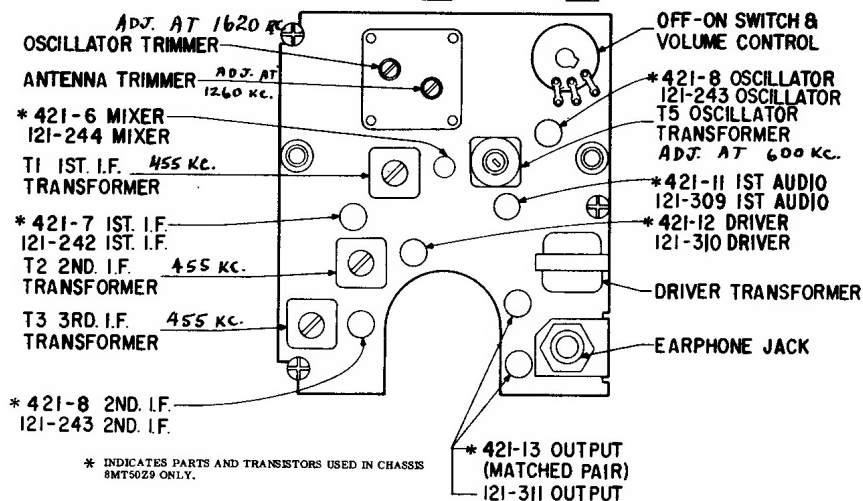
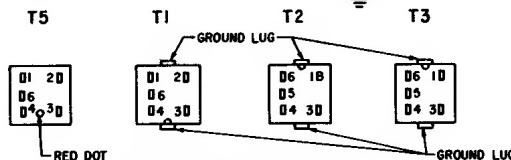
SPEAKER IMPEDANCE 80 OHMS.

* 42I-8
12I-243
OSC.

ADJ. AT 1620 KC.
OSCILLATOR TRIMMER
ANTENNA TRIMMER ADJ. AT 12.40 KC.
* 42I-6 MIXER
12I-244 MIXER
T1 1ST. I.F. 455 KC.
TRANSFORMER
* 42I-7 1ST. I.F.
12I-242 1ST. I.F.
TRANSFORMER
T2 2ND. I.F. 455 KC.
TRANSFORMER
T3 3RD. I.F. 455 KC.
TRANSFORMER

* 42I-8 2ND. I.F.
12I-243 2ND. I.F.

* INDICATES PARTS AND TRANSISTORS USED IN CHASSIS
8MT50Z9 ONLY.



ZENITH RADIO
Model "Royal 180"
Chassis 8MT50Z8, 8MT50Z9