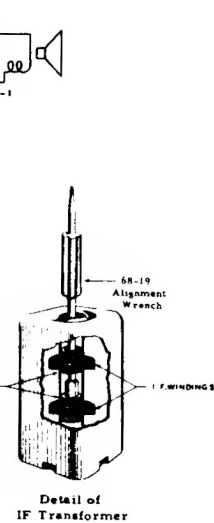
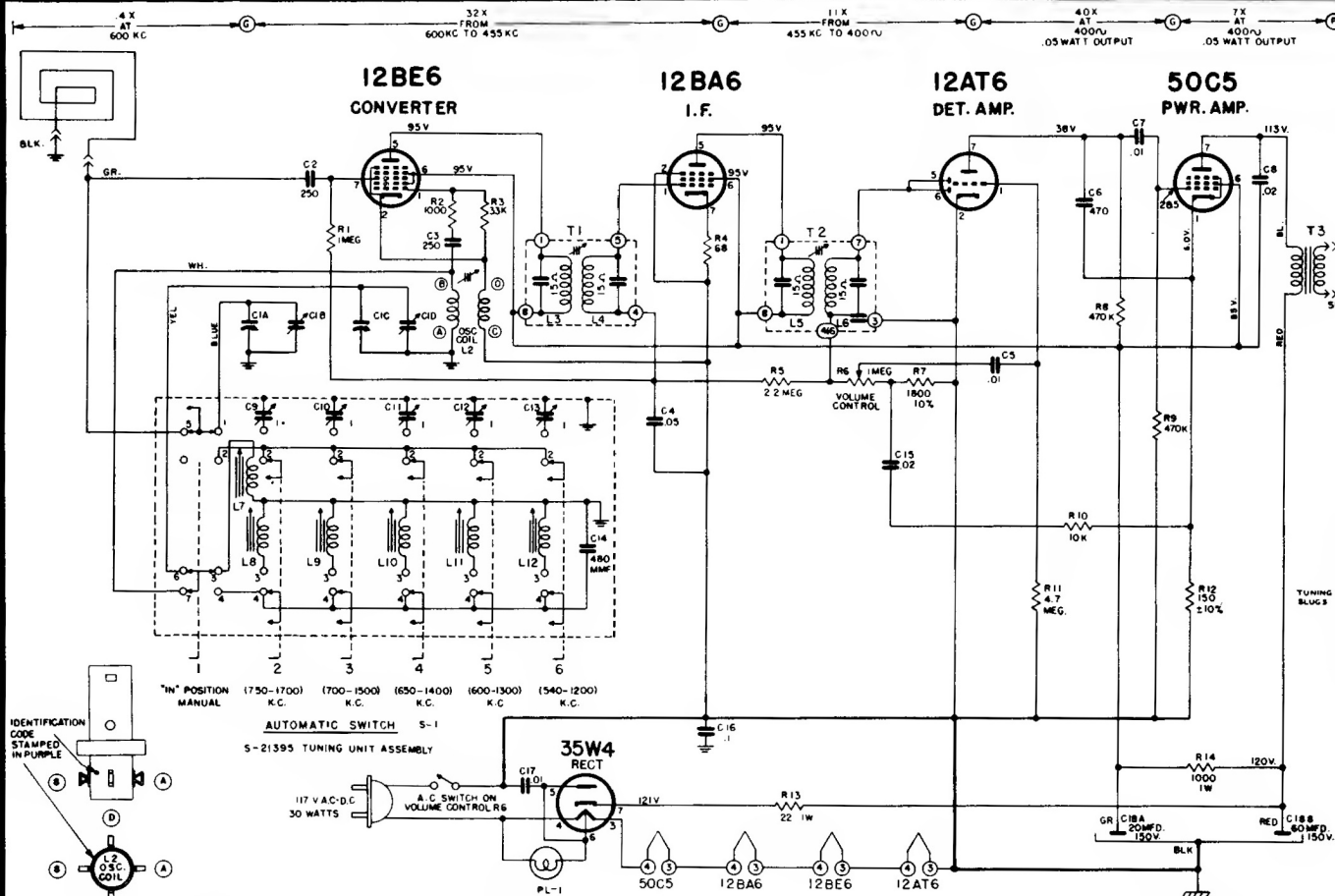


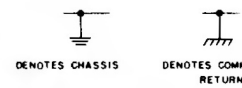
ZENITH RADIO CORPORATION CHASSIS SR10 MODELS R512F, R512R, R512V & R512W



I.F. FREQUENCY 455 KC.
TUNING RANGE
535 - 1620 KC

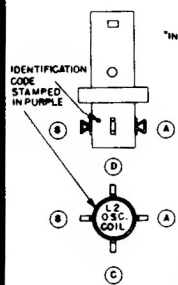
ALL VOLTAGES MEASURED FROM COMMON
RETURN TO POINTS INDICATED WITH
A.C. D.C. OR VACUUM TUBE VOLTMETER.
ALL VOLTAGES ARE D.C. UNLESS OTHERWISE
SPECIFIED
ALL RESISTORS $\pm 20\%$ TOLERANCE UNLESS
OTHERWISE SPECIFIED

USE ONLY ZENITH NON-INDUCTANCE ELECTROLYTIC
CONDENSERS FOR REPLACEMENT.



ALIGNMENT PROCEDURE

OPERATION	CONNECT OSCILLATOR TO	DUMMY ANTENNA	INPUT SIG. FREQUENCY	SET DIAL AT	TRIMMERS	PURPOSE
1	Converter Grid	.5 Mfd.	455 Kc.	600 Kc.	L3, L4, L5, L6	Align I.F. for Maximum output
2	One Turn Loop Coupled Loosely to Wave Magnet	—	1600 Kc.	1600 Kc.	C1D	Set Oscillator to Dial Scale
3		—	1400 Kc.	1400 Kc.	C1B	Align Antenna Stage



"IN" POSITION MANUAL
(1750-1700) K.C.
(700-1500) K.C.
(650-1400) K.C.
(600-1300) K.C.
(540-1200) K.C.

AUTOMATIC SWITCH S-1
S-21395 TUNING UNIT ASSEMBLY

35W4 RECT.

A.C. SWITCH ON VOLUME CONTROL R6
117 VAC-D.C. 30 WATTS

L8 WHITE
L9 BLUE
L10 GREEN
L11 RED
L12 YELLOW

L7 OSC. SHUNT COIL

ANT. LEADS

T1 1ST I.F. TRANS.
L3 PRI. BOTTOM
L4 SEC. TOP

C1B ANT. TRIM.

C1D OSC. TRIM.

PILOT LIGHT

TUNING

A.C. CORD

T2 2ND I.F. TRANS.
L5 PRI. BOTTOM
L6 SEC. TOP

ON-OFF SWITCH & VOLUME CONTROL

RANGES
600-1100 KC. OSC.
540-1000 KC. OSC.
650-1200 KC. OSC.
730-1340 KC. OSC.
900-1620 KC. OSC.

ANT. TRIMMER CAPACITORS

AUTOMATIC TUNING UNIT

MANUAL