

Zenith Radio Corp.

Model: 5G036

Chassis:

Year: Pre 1949

Power:

Circuit:

IF:

Tubes:

Bands:

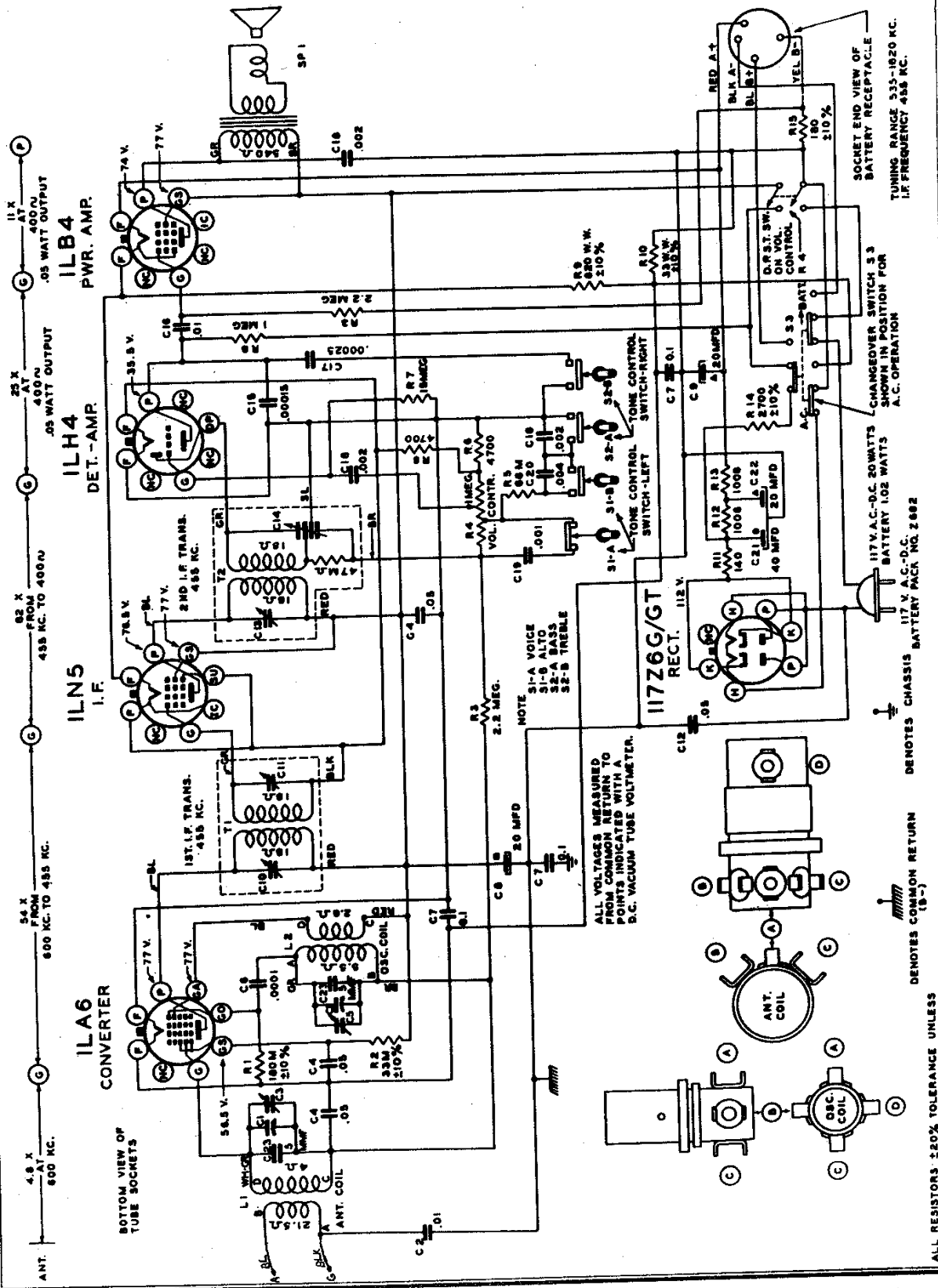
Resources

Riders Volume 17 - ZENITH 17-3

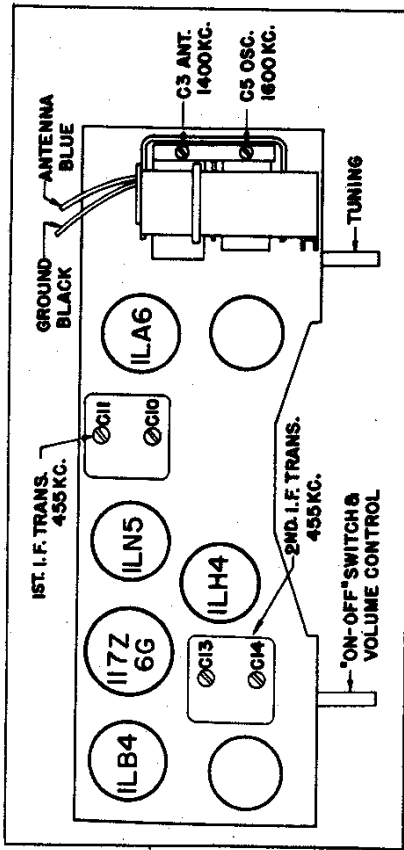
Riders Volume 17 - ZENITH 17-4

ZENITH RADIO CORP.

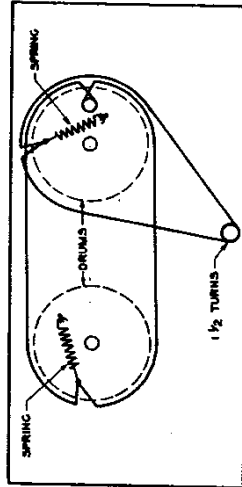
MODEL 5G036
Chassis 5C51



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TUBE TRIMMER LOCATION



DIAL CABLE DRAWING

The alignment of chassis 5C31 is conventional. None of the adjustment interlock, however, the most accurate alignment will be accomplished if the procedure is followed exactly. The IF frequency is 455 KC and all measurements, voltage, and resistance have been taken with an electronic voltohmm meter.

Stage by stage measurements are for reference purposes only. Gain measurements can seldom be duplicated, and are used only for comparison purposes.

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.	C10, C11, C13 and C14	Align I.F.
2	Antenna and Ground	200 Mmfd.	1600 Kc.	1600 Kc.	C5	Set Oscillator to scale
3	Antenna and Ground	200 Mmfd.	1400 Kc.	1400 Kc.	C3	Align Antenna

PARTS LIST

PART NO. REF. NO.	DESCRIPTION	PART NO. REF. NO.	DESCRIPTION
95-271 R0	1 MEGOHM.....1/4 WATT	26-339	DIAL ASSEMBLY
93-459 R14	2700 OHM.....1/4 WATT	RADIOSHAK K909 - VOICE.....	DIAL SCALE.....
93-567 R6	4700 OHM.....1/4 WATT	48-443	RADIOSHAK K909 - VOICE.....
93-584 R5	68M OHM.....1/4 WATT	48-444	RADIOSHAK K909 - TWEETER.....
93-600 R9	2.2 MEGOHM.....1/4 WATT	48-445	RADIOSHAK K909 - ALTO.....
93-627 R18	180 OHM.....1/4 WATT	48-446	RADIOSHAK K909 - BASS.....
93-646 R2	33M OHM.....1/4 WATT	48-550	VOLUME & TUNING CONTROL KNOB (USE S-11538)
93-654 R1	180M OHM.....1/4 WATT	58-122	ON-OFF INDICATOR.....
93-976 R7	15 MEGOHM.....1/4 WATT	58-160	DIAL POINTER.....
93-1099 R10	33 OHM W.R. INSULATED WATT	76-335	TUNING CONTROL SHAFT.....
93-1239 R4	CANDORUM (OR 63-1469)	80-183	INDICATOR SPRING.....
93-1386 R12	140 OHM W.R. (USED ONLY)	80-208	DIAL COIL TENSION SPRING.....
93-1558 R9	PHEN USING 63-1469)2 WATT	80-471	TUNING SHAFT SPRING.....
	625 OHM W.R. INSULATED 1 WATT	93-090	BROWN FELT WASHER.....
		130-50	CINCH PLUS BUTTER #49261 - BLACK OXIDIZED.....
		188-32	RETAINING RING (76-339).....
		188-24	RETAINING RING (8-11582).....
		192-90	DIAL CRYSTAL GASKET.....
		188-64	INDICATOR CAB ASSEMBLY.....
		S-9988	DIAL COIL & EYELET ASSEMBLY (POINTERS).....
		S-9610	PULLY & RIVET ASSEMBLY.....
		S-9735	PLY (POINTERS).....
		S-9751	PLY (GANG CONDENSER).....
		S-11362	PULLY & RIVET ASSEMBLY.....
		S-11356	PULLY & BUSHING ASSEMBLY.....
		S-11358	DECORATIVE RING & CONTROL KNOB ASSEMBLY (2 USED).....
		S-11660	DIAL PLATE & INDICATOR ASSEMBLY.....
			COILS & CHOICES
		95-816 T1	1ST I.F. TRANSFORMER.....
		95-817 T2	2ND I.F. TRANSFORMER.....
		S-11860 L1	ANTENNA COIL ASSEMBLY.....
		S-12505 L2	OSCILLATOR COIL ASSEMBLY.....
			CONDENSERS
		22-162 C6	.0001 MFD.....600 V.
		22-182 C17	.00025 MFD.....600 V.
		22-196 C16	.01 MFD.....600 V.
		22-303 C23	5 MFD.....600 V.
		22-448 C20	.004 MFD.....600 V.
		22-470 C15	.00015 MFD.....600 V.
		22-482 C18	.002 MFD.....600 V.
		22-827 C7	.1 MFD.....500 V.
		22-829 C4	.05 MFD.....500 V.
		22-867 C19	.001 MFD.....600 V.
		22-1017 C12	.002 MFD.....600 V.
		22-1026 C21-C22	20 MFD. X 40 MFD. DIV ELECTROLYTIC.....150 V.
		22-1027 C8-C9	20 MFD. 25 V. X 20 MFD. 150 V. DRY ELECTROLYTIC.....
		22-1183 C2	.01 MFD.....400 V.
		22-1216 C1	TWO SECTION VARIABLE.....