

Zenith Radio Corp.

Model: 5D810

Chassis:

Year: Pre 1950

Power:

Circuit:

IF:

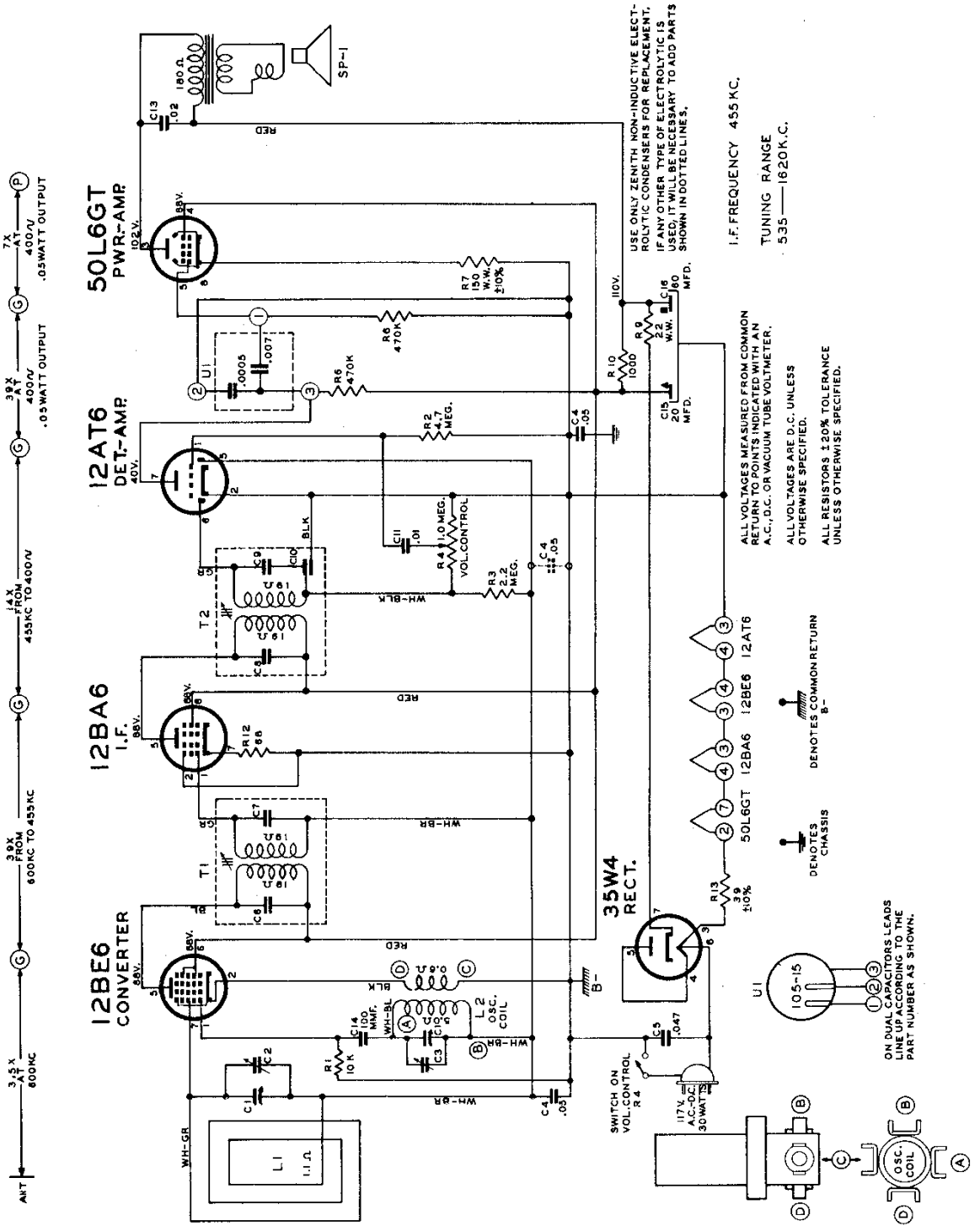
Tubes:

Bands:

Resources

Riders Volume 18 - ZENITH 18-1

Riders Volume 18 - ZENITH 18-2



PARTS LIST

DIAL ASSEMBLY

- Dial Scale
- Dial Pointer
- Tuning Shaft
- Dial Cord Tension Spring
- Retaining Ring
- Dial Cord & Eyelet Assem.

COILS & CHOKES

- 1st. I. F. Transformer
- 2nd. I. F. Transformer
- Oscillator Coil Assem.

CONDENSERS

- 100 Mfd. (or 22-1669)
- .05 Mfd.
- .0007 Mfd.
- .05 Mfd.
- .02 Mfd.
- .047 Mfd.
- Dry Electrolytic 60 x 20 Mfd.
- Two Section Gang
- Dual Ceramic

RESISTORS

- 150 Ohm W.W. Insl.
- 22 Ohm W.W. Insl.
- 1 M Ohm Insl.
- 39 Ohm W.W. Insl.
- Vol. Con. & Sw.
- 68 Ohm Insl.
- 820 Ohm Insl.
- 4700 Ohm Insl.
- 10M Ohm Insl.
- 470M Ohm Insl.
- 2.2 Megohm Insl.
- 4.7 Megohm Insl.

MISCELLANEOUS

- Line Cord & Plug (6 Ft.)
- Model 83Y Plastic Cabinet
- Tuning & Vol. Con. Knob (2 Used)
- 4" P.M. Speaker
- 206-645 Output Trans.
- 208-645 Cone & Voice Coil
- #3/8-32 x 9/16 Palnut
- Speed Nut
- #6-32 x 5/16 Palnut
- Cabinet Front Plate
- Socket - Electrolytic
- Socket - Octal Tube (8 Contact)
- Socket - Miniature Tube
- Socket - Miniature Tube (3 Used)
- Line Cord Insulating Strip
- Gang Cord. Mag. Bushing
- #6 x 7/16 Straight Side B.H.S.T. Screw
- #6 x 1/4 Hex Acorn Hd. M.S.
- #8 x 1/4 Hex Hd. Slotted S. T. Screw
- Rubber Grommet
- Spk. Baffle
- Trimount Stud (Cab. Back Mtg.)
- Rubber Bumper (or 166-41)
- Instruction Book
- Wave Magnet Assem.
- Front Plate & Spk. Baffle Assem.

PART NO.

- 26-415
- 59-222
- 76-515
- 80-209
- 188-32
- 188-54
- S14843

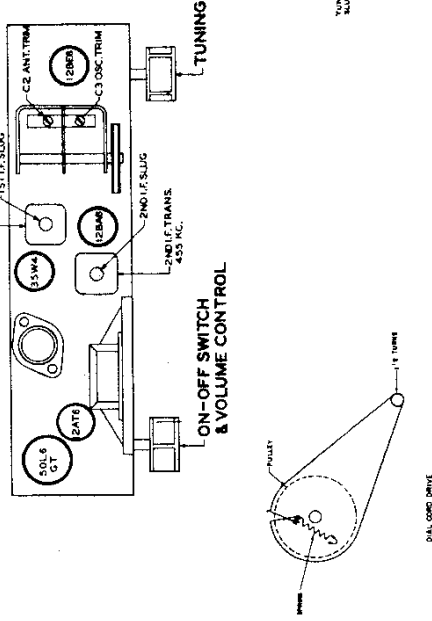
- T-1
- T-2
- L-2

- C-14
- C-4
- C-4
- C-13
- C-5
- C15, 16
- C-1
- U-1

- R-7
- R-9
- R-10
- R-13
- R-4
- R-12
- R-1
- R-6
- R-3
- R-2

- SP-1

- L-1



TUBE TRIMMER LOCATION, DIAL CABLE DRAWING AND DETAILED VIEW OF I. F. TRANSFORMERS.

The I.F. transformers incorporated in this receiver are of the new permeability tuned type. The advantage of an I. F. transformer of this type is its extreme stability under various humidity and temperature conditions. The upper coil is the secondary and the lower the primary. When adjusting these I. F. transformers the tuning wrench 68-7 can be inserted into the top slug, rotated until maximum output is obtained and then dropped down to the lower slug and the same operation repeated. The tuning wrench is so designed that turning one slug does not affect the adjustment of the other.

ALIGNMENT PROCEDURE

OPERATION	CONNECT TO OSCILLATOR	DUMMY ANTENNA	INPUT SIG. FREQUENCY	SET DIAL AT	TRIMMERS	PURPOSE
1	Converter Grid	.5 Mfd.	455 Kc.	600 Kc.	Adjust Primary & Secondary Slugs	For I. F. Alignment
2	One Turn Loop Coupled Loosely to Wave Magnet	--	1600 Kc.	1600 Kc.	C-3	Set Oscillator to Dial Scale.
3		--	1400 Kc.	1400 Kc.	C-2	Align Antenna Stage