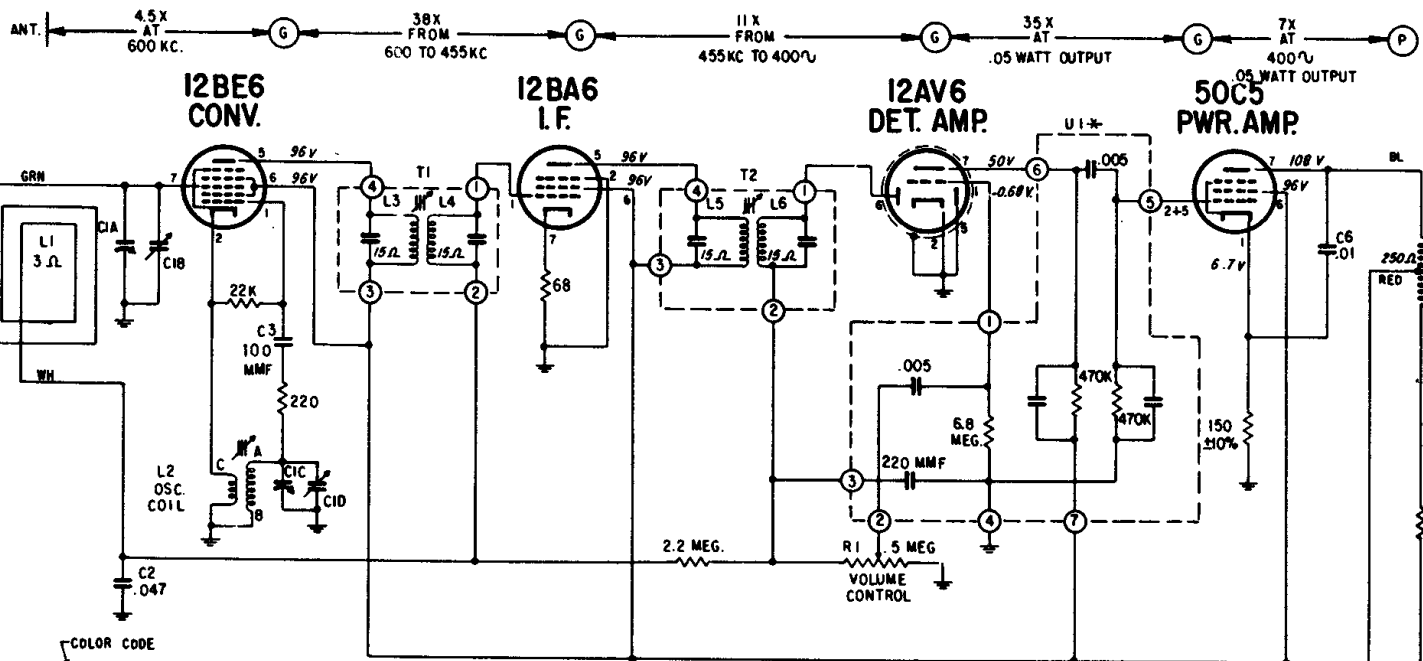


ZENITH RADIO Chassis 5G09, Models G516C, L, V, W



COLOR CODE



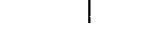
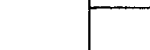
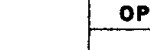
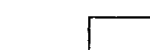
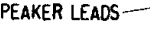
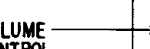
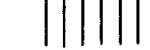
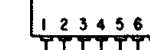
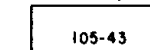
L2 OSC. COIL

T1 & T2



MARKER CODE

ON U1 SECTION
LEADS LINE UP
ACCORDING TO THE
PART NO. AS SHOWN



T2 2ND I.F. TRANSFORMER
L5 PRIMARY BOTTOM
L6 SECONDARY TOP

VOLUME CONTROL

SPEAKER LEADS

C1B ANTENNA

C1D OSCILLATOR

Alignment Procedure

OPERATION

CONNECT OSCILLATOR TO

DUMMY ANTENNA

INPUT SIG. FREQUENCY

SET DIAL AT

TRIMMERS

PURPOSE

1

2

3

Converter Grid

One Turn Loop Coupled Loosely to Wave Magnet

.05 Mfd.

1600 Kc.

1400 Kc.

600 Kc.

1600 Kc.

1400 Kc.

L3, 4, 5, 6

CID

CIB

For I.F. Alignment.

Set Oscillator to Dial Scale

Align Antenna Stator

1/2 TURN AROUND PULLEY

DIAL CORD DRIVE

DIAL DRIVE SHAFT SHOWN IN FULL COUNTER-CLOCKWISE POSITION

2 1/2 TURNS AROUND TUNING SHAFT

T1 1ST I.F.

L3 PRIMARY BOTTOM

L4 SECONDARY TOP

L2 OSCILLATOR COIL

C1B ANTENNA

C1D OSCILLATOR

Alignment Procedure

OPERATION

CONNECT OSCILLATOR TO

DUMMY ANTENNA

INPUT SIG. FREQUENCY

SET DIAL AT

TRIMMERS

PURPOSE

1

2

3

Converter Grid

One Turn Loop Coupled Loosely to Wave Magnet

.05 Mfd.

1600 Kc.

1400 Kc.

600 Kc.

1600 Kc.

1400 Kc.

L3, 4, 5, 6

CID

CIB

For I.F. Alignment.

Set Oscillator to Dial Scale

Align Antenna Stator

* ALTERNATE PARTS WHEN U1 IS NOT USED SEE SCHEMATIC BELOW

12AV6

50C5

NOTES:

ALL VOLTAGES MEASURED FROM CHASSIS TO POINTS INDICATED WITH AN A.C., D.C. OR VACUUM TUBE VOLTMETER.

USE ONLY ZENITH NON-INDUCTIVE ELECTROLYTIC CONDENSERS FOR REPLACEMENT.

IF ANY OTHER TYPE OF ELECTROLYTIC IS USED IT WILL BE NECESSARY TO ADD C7 SHOWN IN DOTTED LINES.

I.F. TRANSFORMER NUMBERING STARTS WITH #1 TERMINAL AS FIRST TERMINAL CLOCKWISE FROM HARPER CODE TERMINAL AS VIEWED FROM BOTTOM OF CHASSIS.

I.F. FREQUENCY 455 KC

TUNING RANGE 535-1620 KC

ALL RESISTORS ±20% TOLERANCE, 1/2 WATT, CARBON UNLESS OTHERWISE SPECIFIED.