

STEWART-WARNER  
03-5S

LOOP CONNECTIONS  
SHOWN ON TRIMMER  
CHART

12SA7

1st. DET. & OSC.

12SK7

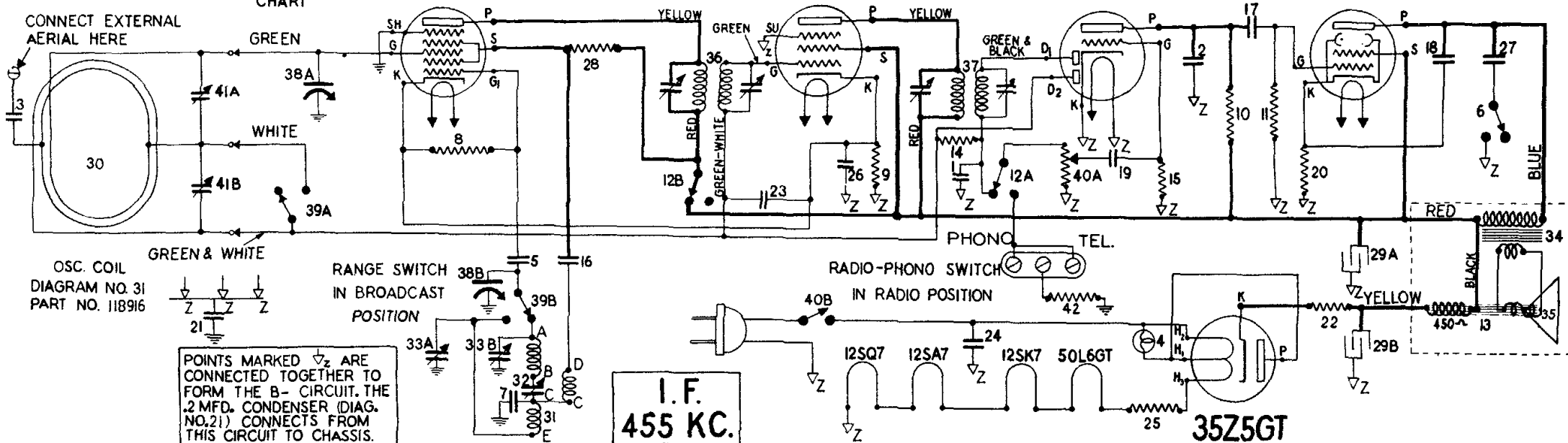
I.F.

12SQ7

2nd. DET.-A.V.C.-A.F.

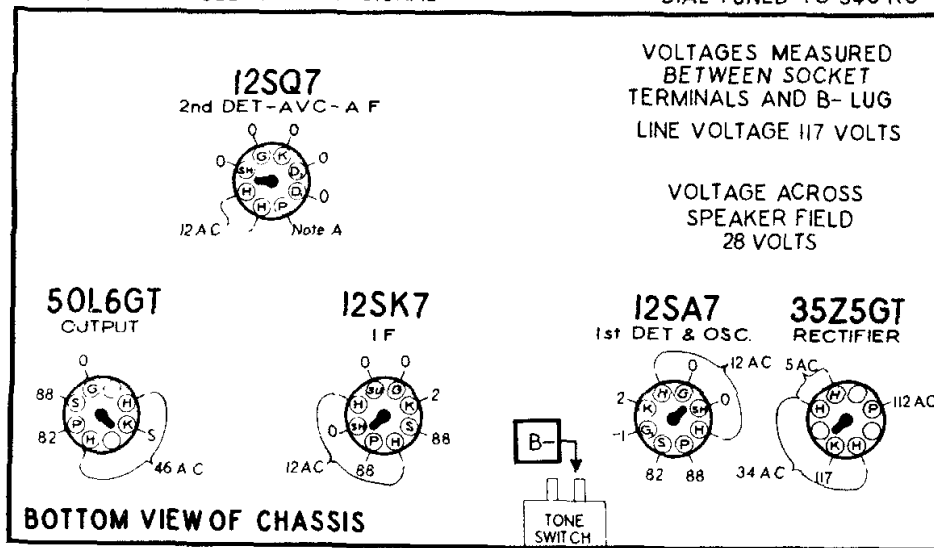
50L6GT

OUTPUT



- |  |   |
|--|---|
| 1-2 ... Condenser—mica 260 mmfd.....       | 27 ... Condenser—.07 mfd. 600 volts.....    |
| 3 ... Condenser—mica 110 mmfd.....         | 28 ... Resistor—insulated 680 ohms 1/4 watt |
| 4 ... Lamp—dial 6 to 8 volt (Mazda 51)..   | 29A-29B Condenser—electrolytic—20-20 mfd.   |
| 5 ... Condenser—mica 26 mmfd.....          | 150 volt.....                               |
| 6 ... Switch—tone control.....             | 30 ... Cabinet back and loop antenna        |
| 7 ... Condenser—mica .002 mfd.....         | complete (03-5S1)                           |
| 8 ... Resistor—carbon 47,000 ohms 1/4 watt | 31 ... Coil—oscillator                      |
| 9 ... Resistor—carbon 100 ohms 1/4 watt.   | 32 ... Condenser—padding                    |
| 10 ... Resistor—carbon 680,000 ohms        | 33A-33B Trimmer strip (2 sect.).....        |
| 1/4 watt.....                              | 34 ... Transformer—output for R-115085      |
| 11 ... Resistor—carbon 470,000 ohms        | speaker                                     |
| 1/10 watt.....                             | 35 ... Cone & Voice coil for R-115085       |
| 12A-12B Switch—D.P.D.T. (Radio-Phono)....  | speaker                                     |
| 13 ... Speaker—dynamic (5").....           | 36 ... Transformer—1st I.F.....             |
| 14-15 .. Resistor—insulated 3.3 megohms    | 37 ... Transformer—2nd I.F.....             |
| 1/4 watt.....                              | 38A-38B Gang condenser & push button unit   |
| 16-17-18 Condenser—.01 mfd. 600 volt.....  | 39A-39B Range switch.....                   |
| 19 ... Condenser—.004 mfd. 600 volt.....   | 40A-40B Volume control—1 meg. (with         |
| 20 ... Resistor—140 ohms 1/2 watt wire     | switch)                                     |
| wound .....                                | 41A-41B Condenser—trimmer for loop          |
| 21 ... Condenser—.2 mfd. 600 volt.....     | antenna                                     |
| 22 ... Resistor—33 ohms 1 watt wire        | 42 ... Resistor—220,000 ohms 1/4 watt (on   |
| wound .....                                | underwriters' approved sets only).          |
| 23-24 .. Condenser—.05 mfd. 600 volt.....  |   |
| 25 ... Resistor—20 ohms 1 watt.....        |   |
| 26 ... Condenser—.25 mfd. 600 volts.....   |   |

SOCKET VOLTAGES  
VOLUME ON FULL WITH NO SIGNAL  
DIAL TUNED TO 540 KC



Use a High Resistance Voltmeter of at Least 1000 Ohms per Volt.  
**NOTE A:** The reading on this plate will be small because of the high resistance of resistor No. 10