

STEWART-WARNER 205A & 205B CHASSIS

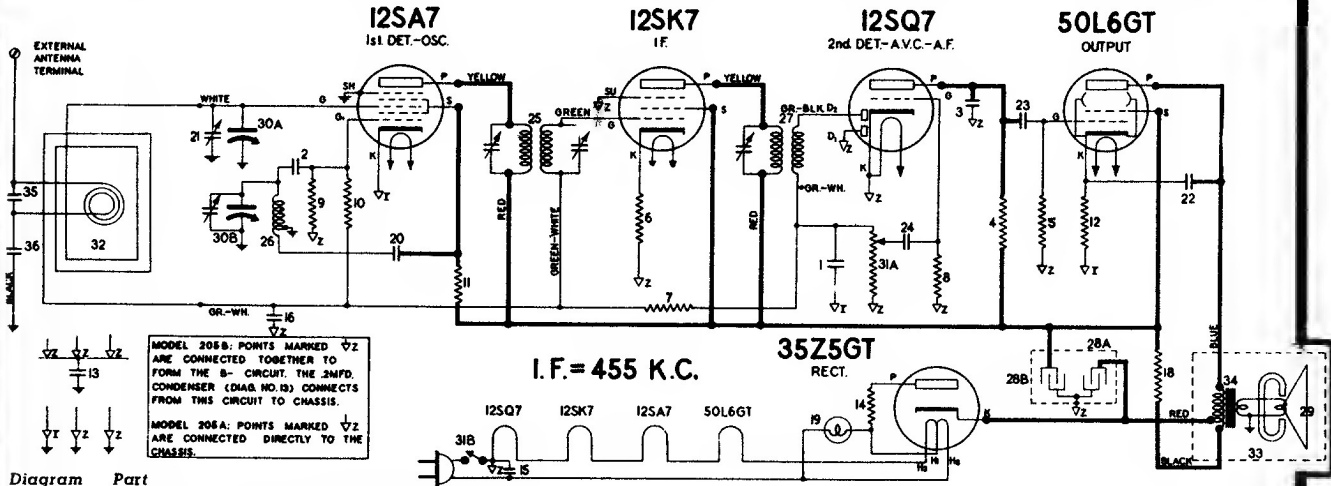
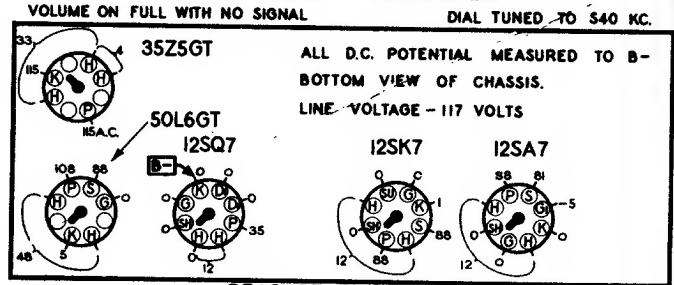


Diagram Number	Part Number	Description
1	83539	Condenser—mica, 260 mmfd.
2	83783	Condenser—mica, 110 mmfd.
3	85394	Condenser—mica, 510 mmfd.
4	110553	Resistor—carbon, 220,000 ohms 1/4 watt
5	110559	Resistor—carbon, 470,000 ohms 1/4 watt
6	110560	Resistor—carbon, 100 ohms 1/4 watt
7	110570	Resistor—carbon, 2.2 meg. 1/4 watt
8	110580	Resistor—carbon, 3.3 meg. 1/4 watt
9	112958	Resistor—carbon, 18,000 ohms 1/4 watt
10	112975	Resistor—carbon, 10 meg. 1/4 watt
11	116068	Resistor—carbon, 680 ohms 1/4 watt
12	116092	Resistor—140 ohms 1 watt W.W.
13	116706	Condenser—2 mfd. 600 volt (205B only)
14	116752	Resistor—33 ohms 1 watt W.W.
15-16	116819	Condenser—.05 mfd. 600 volt
18	118824	Resistor—carbon, 1500 ohms 1/2 watt
19	118921	Lamp—Dial (Mazda No. 47)
20	119193	Condenser—.01 mfd. 600 volt
21	119345	Condenser—Trimmer
22	119414	Condenser—.02 mfd. 600 volt
23	119417	Condenser—.006 mfd. 600 volt
24	119817	Condenser—.004 mfd. 600 volt
25	500131	Transformer—1st I.F.

SOCKET VOLTAGES



Use a voltmeter of 1000 ohms per volt.

ALIGNMENT PROCEDURE

1. Connect output meter across the voice coil; or from 50L6GT plate to B— as shown on voltage chart.
2. Connect the ground lead of the signal generator to the chassis through a .25 mfd. condenser.
3. Set the volume control to the maximum volume position.
4. Set dial pointer to lowest frequency point on dial scale with gang in full mesh.
5. Connect the antenna lead of the signal generator to the lug on the top of the rear section of the gang, using a 200 mmfd. mica condenser in series.
6. Set the signal generator to 455 KC. Set receiver dial to a point where it does not affect signal. Adjust the trimmer screws on the top of each I.F. Transformer for maximum output.
7. Connect the output of the signal generator in series with a 200 mmfd. mica condenser to the antenna terminal on the cabinet back. Set the receiver dial to 1500 KC.
8. Set the signal generator to 1500 KC and adjust the trimmer on the front section of the gang condenser for maximum output of the oscillator signal.
9. Place the loop antenna in its correct position at the rear of the chassis for maximum output at 1500 KC.

Diagram Number	Part Number	Description
26	500232	Coil—Oscillator
27	500236	Transformer—2nd I.F.
28A-28B	500256	Condenser—Electrolytic A—40 mfd.—150 volt B—20 mfd.—150 volt
29	C-500329	Cone and voice coil for C-500594 speaker.
30A-30B	500443	Condenser—variable tuning, with drum.
31A-31B	500480	Volume Control—1 meg. (with switch)
32	{ 500566	Loop Antenna & Cabinet Back (205AA & 205BA)
	{ 500567	Loop Antenna & Cabinet Back (205AB & 205BB)
	{ 500576	Loop Antenna & Cabinet Back (205AC & 205BC)
33	C-500594	Speaker—P.M. (4")
34	C-500615	Transformer—output for C-500594 speaker.
35	83783	Condenser—mica, 110 mmfd.
36	119193	Condenser—.01 mfd. 600 volt (205A only)

MISCELLANEOUS PARTS

Part Number	Description
116467	Base for mounting electrolytic condenser.
114955	Clamp for dial cord.
112745	Clip—coil mounting
117057	Cord—drive supplied in 3' lengths.
500562	Dial Scale
500422	Knob (for 205AA & 205AC) (205BA & 205BC)
500428	Knob (for 205AB & 205BB)
500527	Pointer
81145	Retaining ring for tuning shaft.
116690	Socket—octal base
160392	Socket—octal (rectifier)
500499	Socket—pilot lamp (with leads)
161384	Spring—dial cord tension.
500497	Stud—dial scale retaining
111456	Washer—spring washer for tuning shaft.