STEWART-WARNER 206B & 206C CHASSIS

Receiver Models 206BA to 206BZ & 206CA to 206 CZ

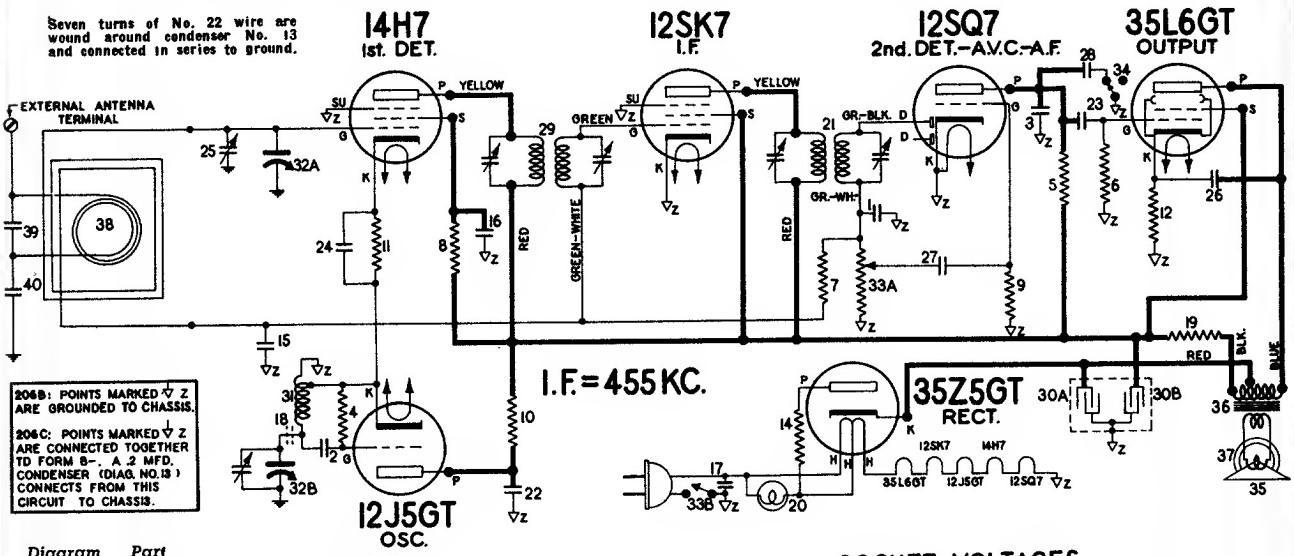
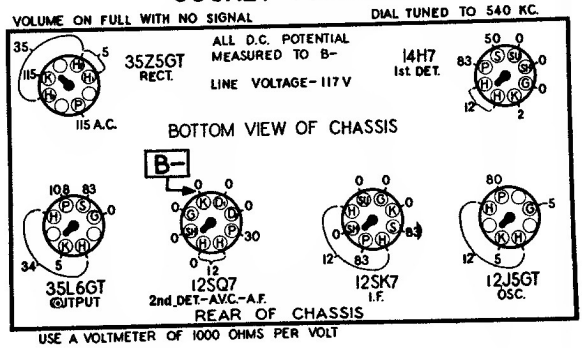


Diagram Number	Part Number	Description
1	83539	Condenser—mica, 260 mmfd.
2	83783	Condenser—mica, 110 mmfd.
3	85394	Condenser—mica, 510 mmfd.
4	110552	Resistor—carbon 47,000 ohms ¼ watt
5	110553	Resistor—carbon 220,000 ohms ¼ watt
6	110559	Resistor—carbon 470,000 ohms ¼ watt
7	110570	Resistor—carbon 2.2 meg. ¼ watt
8	110578	Resistor—carbon 68,000 ohms ¼ watt
9	110580	Resistor—carbon 3.3 meg. ¼ watt
10	116068	Resistor—carbon 680 ohms ¼ watt
11	116079	Resistor—carbon 1200 ohms ¼ watt
12	116092	Resistor—140 ohms, 1 watt W.W.
13	116706	Condenser—.2 mfd. 600 volt (206C)
14	116752	Resistor—33 ohms 1 watt W.W.
15-17	116819	Condenser—.05 mfd. 600 volt
16	119193	Condenser—.01 mfd. 600 volt
18	116819	Condenser—.05 mfd. 600 volt (206C only)
19	118824	Resistor—carbon 1,500 ohms ½ watt
20	118921	Lamp—dial (Mazda No. 47)
21	119024	Transformer—2nd I.F.
22-23-24	119193	Condenser—.01 mfd. 600 volt
25	119345	Condenser—trimmer (loop)
26	119414	Condenser—.02 mfd. 600 volt
27	119817	Condenser—.004 mfd. 600 volt
28	119875	Condenser—.002 mfd. 600 volt
29	500131	Transformer—1st I.F.
30A-30B	500256	Condenser—Electrolytic { A-40 mfd. 150 volt; B-20 mfd. 150 volt }
31	500408	Coil—oscillator
32A-32B	500443	Condenser—variable tuning with drum
33A-33B	500480	Volume Control—1 meg. (with switch)

SOCKET VOLTAGES



USE A VOLTMETER OF 1000 OHMS PER VOLT

Diagram Number	Part Number	Description
34	500509	Switch—tone (206B only)
	500546	Switch—tone (206C only)
35	R-500587	Cone & Voice Coil for R-500618 speaker
36	R-500617	Transformer—output for R-500618 speaker
37	R-500618	Speaker—P.M. dynamic (5")
38	500580	Loop Antenna & Cabinet Back (206BA & 206CA)
	500581	Loop Antenna & Cabinet Back (206BB & 206CB)
	500678	Loop Antenna & Cabinet Back (206BC & 206CC)
39	83783	Condenser—mica, 110 mmfd.
40	119193	Condenser—.01 mfd. 600 volt (206B only)

ALIGNMENT PROCEDURE

1. Connect the output meter across the voice coil or from the plate of the 35L6GT output tube to B— through a .25 mfd. condenser.
2. Connect the ground lead from signal generator to B— through a .25 mfd. condenser for all alignment steps.
3. Set volume control in maximum position.
4. Set dial pointer to last marking on dial with gang in full mesh.
5. Connect hot lead from signal generator to stator on rear section of gang using 200 mmfd. in series as dummy.
6. Set generator to 455 KC. and adjust trimmer screws on top of I.F. transformer cans for maximum output.
7. Connect hot lead to antenna terminal on loop through a 200 mmfd. condenser as a dummy. Set dial to 1500 KC. and adjust trimmer on front section of gang for maximum output on a 1500 KC. generator signal.
8. Place chassis in cabinet and using connections in "7," place loop in position and adjust loop trimmer at rear of chassis for maximum output while tuning dial to maximum signal.

MISCELLANEOUS PARTS

Part Number	Description
116467	Base for mounting Electrolytic Condenser (206C)
160026	Base for mounting Electrolytic Condenser (206B)
114955	Clamp—for dial cord
112745	Clip—coil mounting
117057	Cord—Drive, supplied in 3' lengths
500563	Dial Scale
500422	Knob—(walnut)
500428	Knob—(ivory)
500527	Pointer
81145	Retaining ring for tuning shaft
116690	Socket—octal base
160392	Socket—octal (rectifier)
160294	Socket—8 prong for 14H7
500499	Socket—pilot lamp (with leads)
161384	Spring—dial cord tension
500497	Stud—dial scale retaining
500289	Tuning Shaft

I.F. 455 KC.