

# STEWART-WARNER MODEL 91-648 RECEIVER

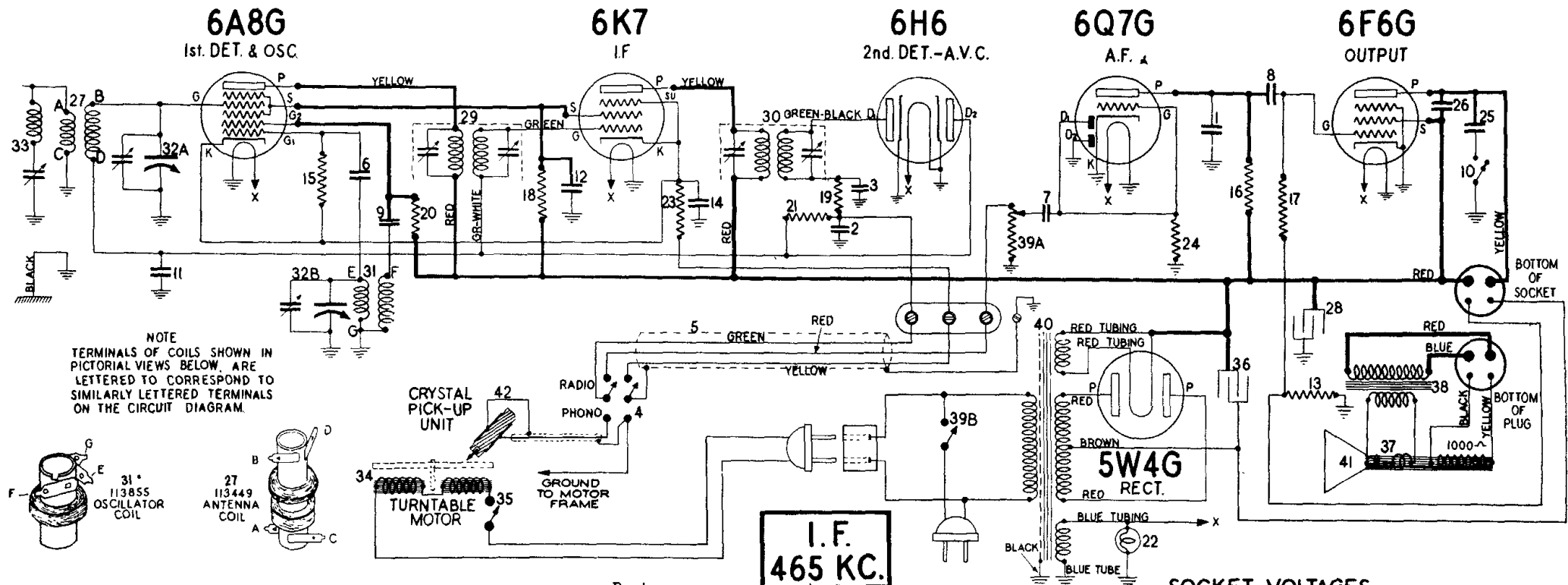
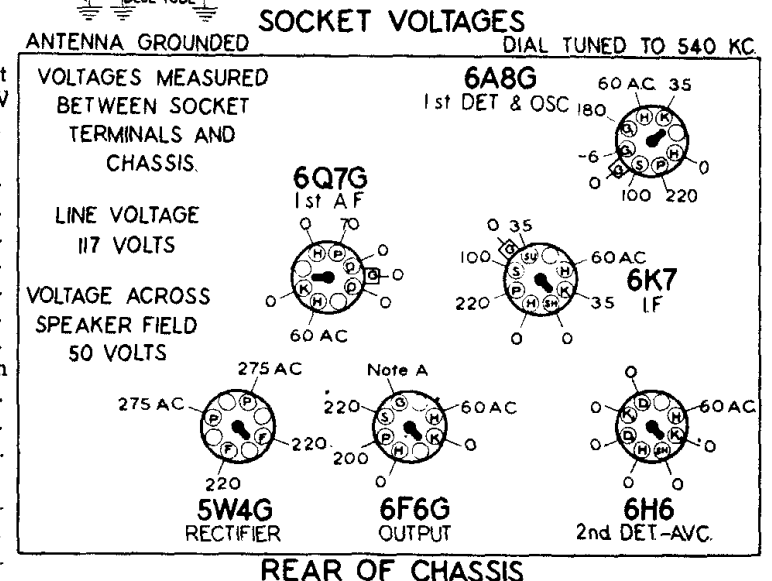


Diagram Number	Part Number	Description	Diagram Number	Part Number	Description
1	83539	Condenser—mica 260 mmfd.	25	113034	Condenser—paper .04 mfd. 600 volt
2-3	83783	Condenser—mica 110 mmf.	26	113035	Condenser—paper .006 mfd. 600 V
4	84566	Switch—"phono-radio"-D.P.D.T.	27	113449	Antenna coil
5	84572	Cable—Shielded for Phono. Pickup.	28	113808	Condenser—electrolytic 8 mfd. 350 V.
6	85061	Condenser—mica 51 mmfd.	29	113853	Transformer—1st I.F.
7-8	88026	Condenser—paper .02 mfd. 400 Volt	30	113854	Transformer—2nd I.F.
9	88030	Condenser—paper .01 mfd. 400 Volt	31	113855	Coil—oscillator
10	88054	Switch for tone control.	32A-32B	113869	Condenser—gang
11	88189	Condenser—paper .05 mfd. 200 Volt	33	113889	Coil—wave trap
12	88191	Condenser—paper .1 mfd. 300 Volt	34	114400	Phono. motor & turntable
13	88462	Resistor—W. W. 270 ohms 1 W. 10%	35	114437	Toggle Switch—phono. power off-on switch
14	89532	Condenser—paper .25 mfd. 200 Volt	36	114972	Condenser—elect. 16 mfd. 450 V.
15	110552	Resistor—carbon 47,000 ohms ¼ W.	37	U-115048	Speaker—dynamic 6"
16	110553	Resistor—carbon 220,000 ohms ¼ W.	38	U-116212	Output transformer for U-115048 speaker
17	110559	Resistor—carbon 470,000 ohms ¼ W.	39A-39B	116274	Volume control 500,000 ohms with switch
18-19	110566	Resistor—carbon 33,000 ohms ¼ W.	40	116283	Transformer—power 110 V 60 C.
20	110569	Resistor—carbon 10,000 ohms ¼ W.	41	U-116296	Cone & voice coil assembly for U-115048 speaker
21	110580	Resistor—carbon 3.3 meg. ¼ watt	42	116300	Phono. pickup head
22	110629	Dial bulb—6.3 volt .25 amps.			
23	112974	Resistor—carbon 220 ohms ¼ W. (10%)			
24	112975	Resistor—carbon 10 meg. ¼ watt			

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38	U-116212	Output transformer for U-115048 speaker
39A-39B	116274	Volume control 500,000 ohms with switch
40	116283	Transformer—power 110 V 60 C.
41	U-116296	Cone & voice coil assembly for U-115048 speaker
42	116300	Phono. pickup head



REAR OF CHASSIS

Use a high resistance voltmeter of at least 1000 ohms per volt.

NOTE A: The bias for the control grid of the 6F6G tube is —13.5 volts measured across resistor number 13.