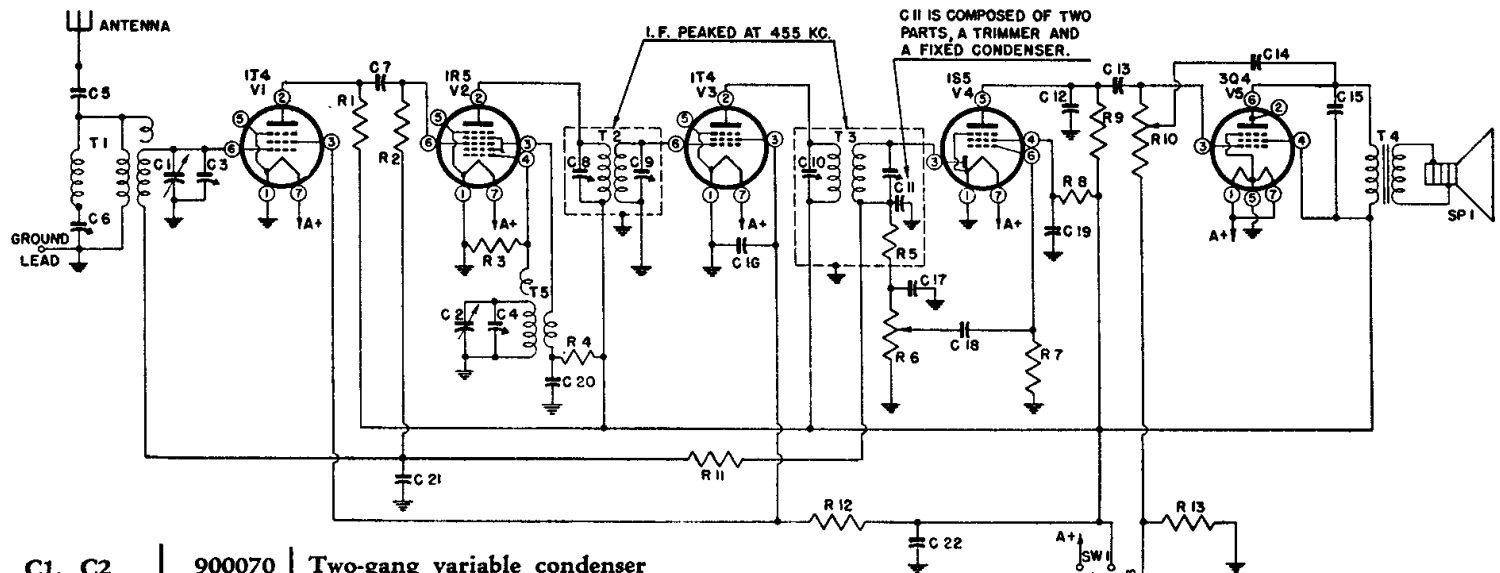


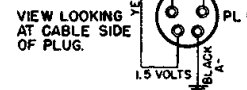
# Emerson Radio

**MODELS: 531, 532, 533**

**CHASSIS MODEL: 120040**



C1, C2	900070	Two-gang variable condenser	R2	321130	470,000 ohms, ¼ watt resistor
*C3, C4		Trimmers, part of variable condenser	R3	320970	100,000 ohms, ¼ watt resistor
C5, C15	920170	0.001 mfd., 600 volt condenser	*R5		47,000 ohms, ¼ watt resistor, part of second i-f transformer
*C6		Trimmer, part of antenna transformer	R6	390180	0.5 meg. volume control
C7, C12	910000	0.00022 mfd. mica condenser	R7	321450	10 meg., ¼ watt resistor
*C8, C9, C10		Trimmers, part of i-f transformer	R8, R11	321330	3.3 meg., ¼ watt resistor
*C11		Trimmer and fixed condenser, part of second i-f transformer	R9	321210	1 meg., ¼ watt resistor
C13, C16, C19, C20	920100	0.02 mfd., 200 volt condenser	R10	390280	0.4 meg. tone control
C14	910250	0.00005 mfd. mica condenser	R12	310770	15,000 ohms, ¼ watt resistor
C17	910010	0.00011 mfd. mica condenser	R13	310410	470 ohms, ¼ watt resistor
C18	920515	0.002 mfd., 400 volt condenser	SP1	180008	P.M. speaker
C21	920040	0.1 mfd., 200 volt condenser	SW1	510401	Battery switch, or
C22	925003	16 mfd., 150 volt electrolytic condenser	SW1	510001	Battery switch
PL1	585311	Battery plug and cable assembly, or	T1	710001	Antenna transformer and trap
PL1	585312	Battery plug and cable assembly			
R1, R4	310730	10,000 ohms, ¼ watt resistor			



The following voltage readings are d-c measurements from tube socket pin to chassis. A 1000 ohms-per-volt meter should be used for all readings except those indicated by an asterisk (\*), which should be taken with a d-c vacuum-tube voltmeter. All voltages are positive unless otherwise indicated.

TUBE	PIN NUMBER						
	1	2	3	4	5	6	7
1T4(V1)		55	52	82		*—,3	1.5
1R5		82	57	*—11.0		*—,4	1.5
1T4(V3)		82	52			*—,4	1.5
1S5		—6.2	*—,45	*18	10	*—,3	1.5
3Q4		80.0	*—6.2	82	1.5	80	