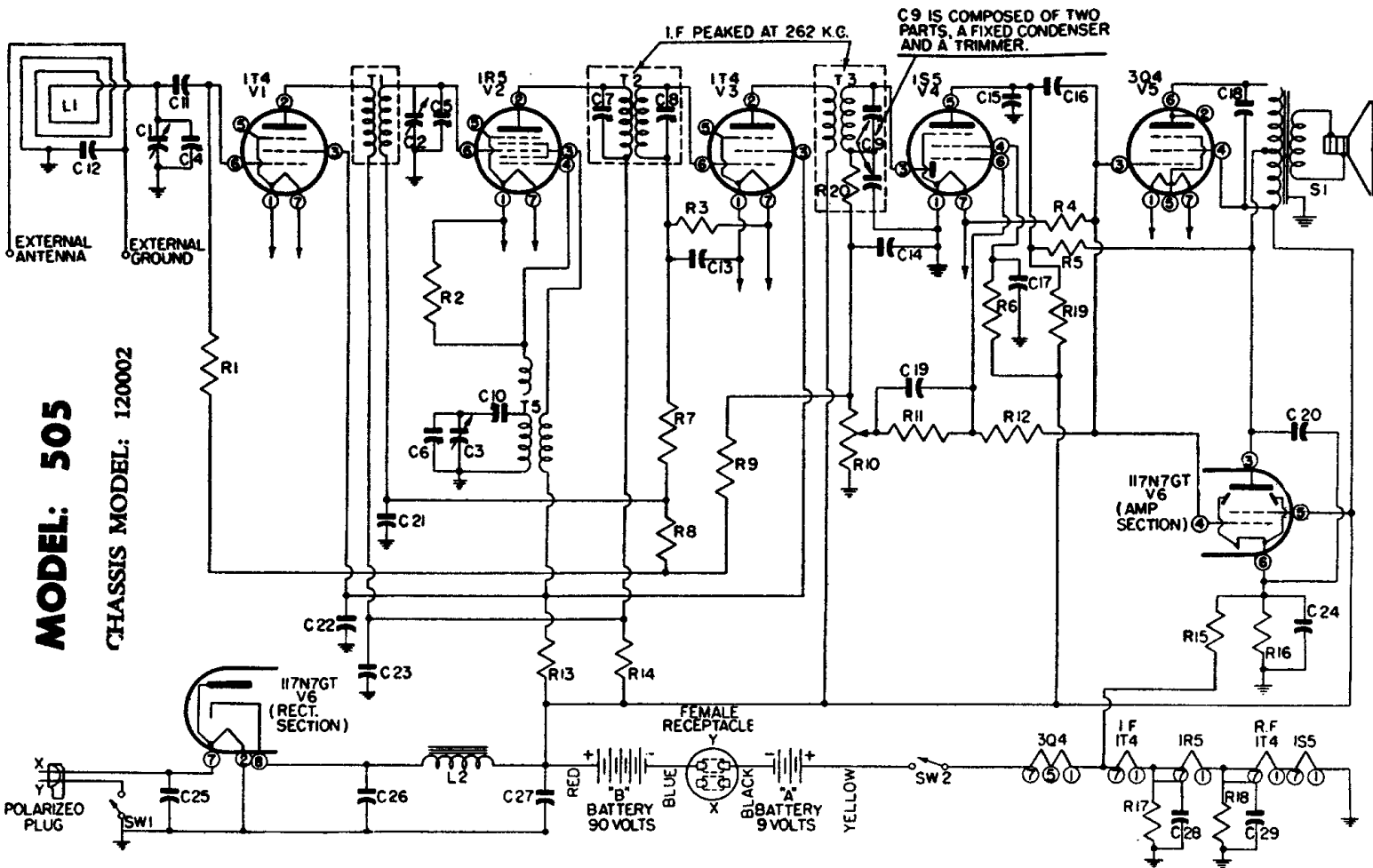


MODEL: 505

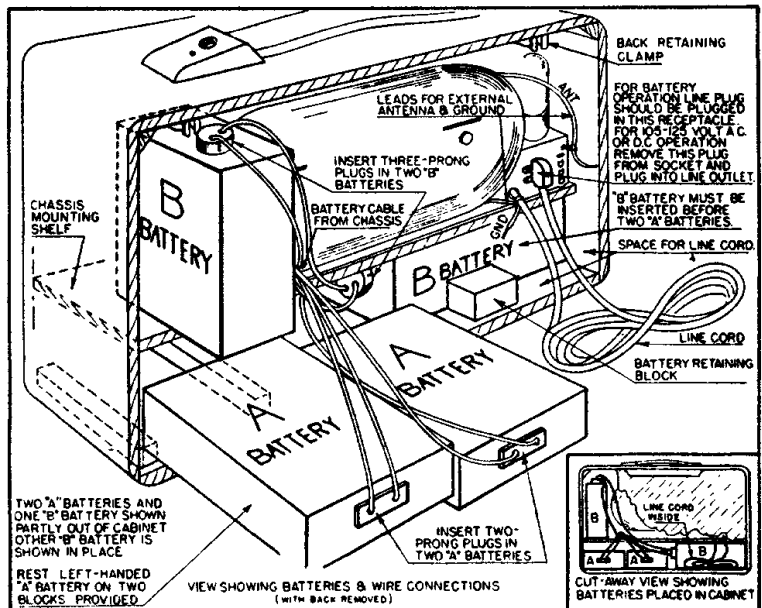
CHASSIS MODEL: 120002



Schematic Symbol

DESCRIPTION

C1, C2, C3	Three-gang variable condenser
*C4	Trimmer part of C1.....
*C5	Trimmer, part of C2.....
*C6	Trimmer, part of C3.....
*C7, C8	Trimmers, part of T2.....
*C9	Trimmer and fixed condenser, part of T3.....
C10	Padding condenser
C11, C13	0.05 mfd., 200 V. condenser.....
C12, C18	0.002 mfd., 600 V. condenser.....
C14	110 mmfd., mica condenser.....
C15	400 mmfd., mica condenser.....
C16, C19, C21, C22, C29	0.02 mfd., 200 V. condenser.....
C17, C20	0.01 mfd., 400 V. condenser.....
C23	0.02 mfd., 400 V. condenser.....
C24	100 mfd., 25 V. electrolytic condenser.....
C25	0.05 mfd., 400 V. condenser.....
C26, C27	20-40 mfd., 135 V. dual electrolytic cond.....
C28	0.25 mfd., 100 V. condenser
L1	Loop antenna
L2	Filter choke
R1, R3, R5, R6, R7, R8	3.3 meg., ¼ watt resistor.....
R2	100,000 ohms, ¼ watt resistor.....
R4, R19	470,000 ohms, ¼ watt resistor.....
R9	2.2 meg. ¼ watt resistor.....
R10	Volume control, 500,000 ohms.....
R11	5.6 meg., ¼ watt resistor.....
R12	10 meg., ¼ watt resistor.....
R13	15,000 ohms, ½ watt resistor.....
R14	3,900 ohms, ½ watt resistor.....
R15	33 ohms, ¼ watt resistor.....
R16	3,300 ohms, ¼ watt resistor.....
R17	2,200 ohms, ¼ watt resistor.....
R18	680 ohms, ¼ watt resistor.....
*R20	47,000 ohms, ¼ watt resistor, part of T4.....



- The color coding of the i-f transformer leads is as follows:
Grid—green
Grid return—black
Plate—blue
B+—red
- The color coding of the battery cable is as follows:
Red—B+, 90 Volts
Yellow—A+, 9 Volts
Black—A—

Emerson Radio

MODEL: 505

Model 523 is similar.

CHASSIS MODEL: 120002