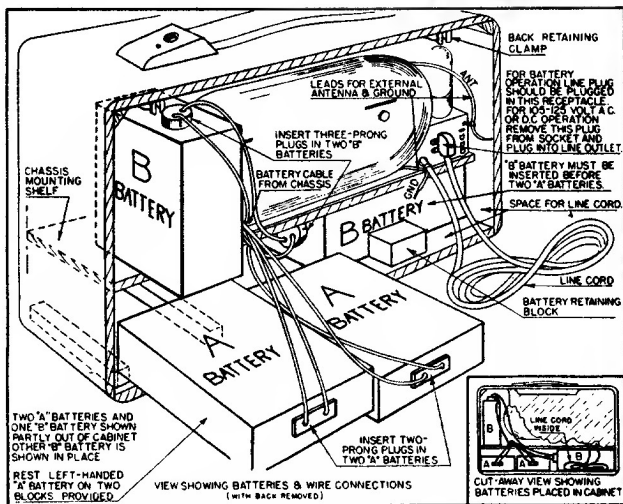


MODEL: 505

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., 1/4 watt resistor
R2	100,000 ohms, 1/4 watt resistor
R4, R19	470,000 ohms, 1/4 watt resistor
R9	2.2 meg. 1/4 watt resistor
R10	Volume control, 500,000 ohms
R11	5.6 meg., 1/4 watt resistor
R12	10 meg., 1/4 watt resistor
R13	15,000 ohms, 1/2 watt resistor
R14	3,900 ohms, 1/2 watt resistor
R15	33 ohms, 1/4 watt resistor
R16	3,300 ohms, 1/4 watt resistor
R17	2,200 ohms, 1/4 watt resistor
R18	680 ohms, 1/4 watt resistor
*R20	47,000 ohms, 1/4 watt resistor, part of T4



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

Emerson Radio

MODEL: 505
 Model 523 is similar.
 CHASSIS MODEL: 120002