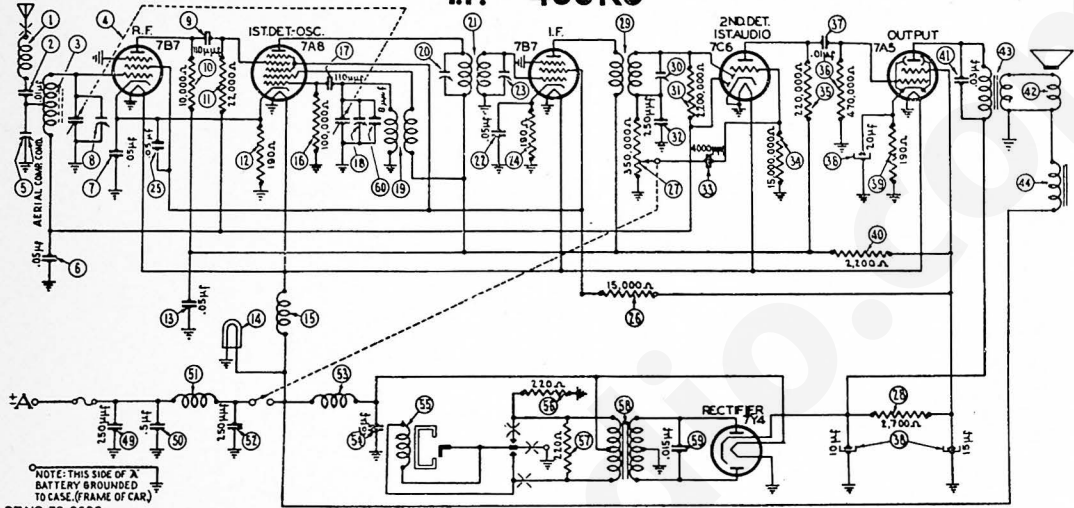


MODEL AR-1

MODEL AR-1 SCHEMATIC

I.F. = 455 KC

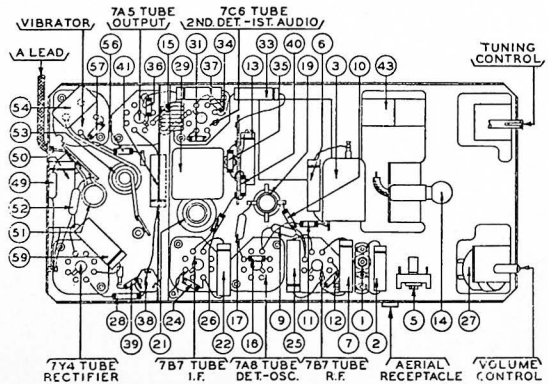


PT. NO. 79-060B

Aligning Procedure will be found on page 165.

PARTS LIST

No.	Description	Part No.	No.	Description	Part No.
1	Antenna Choke	65-0102	26	Resistor (470,000 ohms)	33-447154
2	Condenser (.01 mfd.)	61-0114	27	Condenser (.01 mfd.)	61-0114
3	Antenna Transformer	65-0195	28	Filter Condenser (10-15-20 mfd.)	61-0089
4	Tuning Condenser	63-0028	29	Resistor (190 ohms)	33-119336
5	Aerial Compensator	63-0030	30	Resistor (220 ohms)	33-222334
6	Condenser (.05 mfd.)	61-0101	31	Condenser (.03 mfd.)	61-0119
7	Condenser (.05 mfd.)	61-0111	32	Cone and Voice Coil	91-0077
8	First Padder (on Tun. Cond.)	30-1031	33	Field Coil (For 73-0027-1)	91-0077
9	Condenser (110 mmfd.)	33-310154	34	(For 73-0027-2)	91-0077
10	Resistor (10,000 ohms)	33-322154	35	Output Transformer	65-0258
11	Resistor (190 ohms)	33-119336	36	Vibrator Choke (not replaceable)	61-0106
12	Condenser (.05 mfd.)	61-0111	37	Condenser (.5 mfd.)	61-0106
13	Pilot Lamp	60-0004	38	"A" Choke	32-1644
14	Filament Choke	65-0153	39	Condenser (.015 mfd.)	61-0133
15	Resistor (100,000 ohms)	33-410154	40	Vibrator Choke	65-0204
16	Condenser (110 mmfd.)	30-1031	41	Condenser (.5 mfd.)	61-0106
17	Second Padder (on Tun. Cond.)	65-0194	42	Vibrator	83-0055
18	Oscillator Transformer	65-0194	43	Resistor (220 ohms)	33-1199
19	Padder (Pri. 1st I. F. Trans.)	65-0191	44	Power Transformer	65-0155
20	Condenser (.05 mfd.)	61-0111	45	Condenser (.015 mfd.)	61-0133
21	Padder (Sec. 1st I. F. Trans.)	65-0191	46	Condenser (8 mmfd.)	30-1106
22	Resistor (190 ohms)	33-119336	47	Drive Cord (1 1/2")	55-0588
23	Condenser (.05 mfd.)	61-0111	48	Drive Cord (5/8")	55-0589
24	First I. F. Transformer	65-0191	49	Drive Cord (1 3/4")	55-0592
25	Condenser (.05 mfd.)	61-0111	50	Drive Cord (7/8")	55-0553
26	Resistor (2700 ohms)	33-227434	51	Tuning Shaft	57-0802FA3
27	Second I. F. Transformer	65-0192	52	Speaker	73-0027
28	Padder (Sec. 2nd I. F. Trans.)	65-0192	53	Tube Side Cover	818-1904
29	Resistor	33-522154	54	Wiring Side Cover	77-0837
30	Condenser (250 mmfd.)	61-0133	55	Pointer	57-1421
31	Condenser (4000 mmfd.)	61-0123	56	Dial	77-0526
32	Resistor	33-615154	57	Tuning and Volume Knob	55-0547
33	Resistor (15,000,000 ohms)	33-615154	58	Window Crystal	55-0501
34	Resistor (220,000 ohms)	33-422154	59	Back Strap (Radio Mtg.)	28-5998FA3



No.	Description	Part No.	No.	Description	Part No.
1	Mounting Bracket (Radio Mtg.)	57-0812FC45	1	Upper Aerial Stanchion Kit	45-1438
2	Interference Condenser	30-4007	2	Lower Aerial Stanchion Kit	45-1437
3	Distributor Resistor	33-1196	3	Aerial Rod (48 3/4")	57-1248
4	Nut (Radio Mtg.)	W98FA3	4	Aerial Rod (60")	57-1249
5	Bolt (Radio Mtg.)	W1318FA3	5	Aerial Rod (94")	57-1247
6	Nut (Radio Mtg.)	W1532FA3	6	All Aerial Parts Used In Part Nos. 91-0109, 91-0110 and 91-0111 Cowl Aerial	
7	Screw (Radio Mtg.)	97-0082FA3			