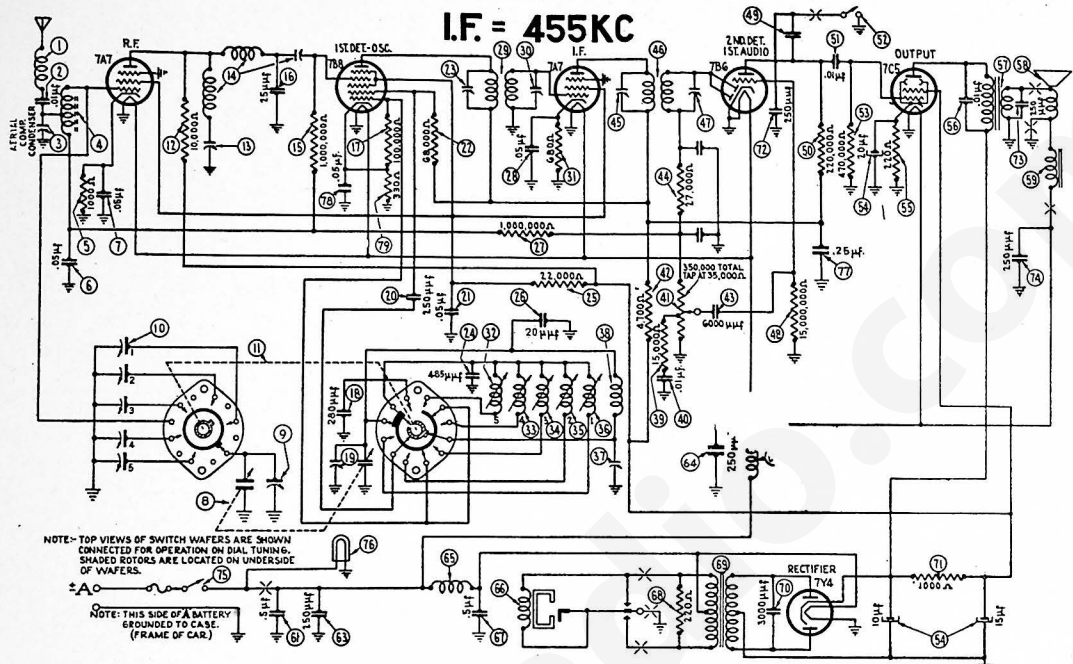


MODEL AR-5

MODEL AR-5 SCHEMATIC

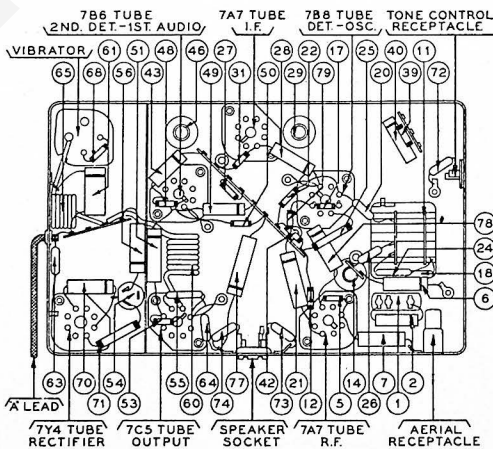
I.F. = 455KC



Aligning Procedure will be found on page 165A.

PARTS LIST — AR-5

No.	Description	Part No.	No.	Description	Part No.
1	Antenna Choke	65-0102	42	Resistor (47,000 ohms)	33-247334
2	Condenser (.01 Mfd.)	61-0114	43	Condenser (6,000 Mmfd.)	61-0103
3	Aerial Compensator	Part of 3	44	Resistor (27,000 ohms)	33-327154
4	Antenna Transformer	65-0323	45	Padder (Pri. 2nd I. F. Trans.)	65-0320
5	Resistor (1,000 ohms)	33-210338	46	Second I. F. Transformer	65-0320
6	Antenna Padder	65-0323	47	Padder (Sec. 2nd I. F. Trans.)	65-0317
7	Resistor (.05 Mfd.)	61-0101	48	Resistor	33-611554
8	Condenser (.05 Mfd.)	61-0111	49	15,000,000 ohms)	33-611554
9	Tuning Condenser	63-0047	50	Condenser (4,000 Mmfd.)	61-0129
10	Antenna Padder (on Tun. Cond.)	65-0321	51	Resistor (220,000 ohms)	33-422334
11	Antenna Padder Assembly	77-5512	52	Condenser (.01 Mfd.)	61-0100
12	Wafer Switch	77-0506	53	Tone Control Switch	65-81111
13	Resistor (10,000 ohms)	33-310334	54	Resistor (470,000 ohms)	33-447154
14	I. F. Wave Trap Padder	65-0321	55	Filter Condenser (10-15-20 Mfd.)	61-0089
15	R. F. Transformer	65-0321	56	Resistor (220 ohms)	33-122438
16	Resistor (1,000,000 ohms)	33-510154	57	Condenser (.01 Mfd.)	61-0124
17	Condenser (25 Mmfd.)	30-1067	58	Output Transformer	65-0317
18	Resistor (100,000 ohms)	33-410154	59	Replacement Cone (For 73-0045-2 Speaker)	91-0086
19	Silver Mica Condenser (250 Mmfd.)	61-0043	60	(For 73-0045-3 Speaker)	91-0126
20	Oscillator Padder (on Tun. Cond.)	61-0033	61	(For 73-0047-2 Speaker)	91-0086
21	Condenser (.05 Mfd.)	61-0101	62	(For 73-0047-3 Speaker)	91-0126
22	Resistor (65,000 ohms)	33-308334	63	Field Coil	Not Replaceable
23	Padder (Pri. 1st I. F. Trans.)	65-0321	64	Filament Choke	32-1004
24	Silver Mica Condenser (485 Mmfd.)	61-0144	65	Condenser (.5 Mfd.)	61-0108
25	Resistor (22,000 ohms)	33-325434	66	Condenser (250 Mmfd.)	61-0033
26	Condenser (15 Mmfd.)	61-0039	67	Condenser (250 Mmfd.)	61-0033
27	Resistor (1,000,000 ohms)	33-510154	68	Condenser (250 Mmfd.)	61-0033
28	Condenser (.05 Mfd.)	61-0101	69	Vibrator Choke	65-0075
29	First I. F. Transformer	65-0319	70	Vibrator	83-0025
30	Padder (Sec. 1st I. F. Trans.)	65-0321	71	Condenser (220 ohms)	33-122334
31	Resistor (680 ohms)	33-168336	72	Power Transformer	65-0317
32	Oscillator Transformer (550 to 1065 KC)	65-0173	73	Condenser (3,000 Mmfd.)	61-0115
33	Oscillator Transformer (600 to 1165 KC)	65-0172	74	Resistor (1,000 ohms)	33-210434
34	Oscillator Transformer (580 to 1240 KC)	65-0171	75	Condenser (250 Mmfd.)	61-0033
35	Oscillator Transformer (750 to 1410 KC)	65-0170	76	Condenser (250 Mmfd.)	61-0033
36	Oscillator Transformer (855 to 1580 KC)	65-0169	77	Vibrator	65-0075
37	Low Frequency Padder	63-0048	78	Resistor (220 ohms)	33-122334
38	Manual Oscillator Transformer	65-0052	79	Power Transformer	65-0317
39	Resistor (15,000 ohms)	33-315154	80	Condenser (3,000 Mmfd.)	61-0115
40	Condenser (.01 Mfd.)	61-0114	81	Resistor (1,000 ohms)	33-210434
41	Volume Control (350,000 ohms)	87-0092-1	82	Condenser (250 Mmfd.)	61-0033
			83	Condenser (250 Mmfd.)	61-0033
			84	Condenser (250 Mmfd.)	61-0033
			85	On-Off Switch	85-0112
			86	Pilot Lamp	34-2064
			87	Condenser (.25 Mfd.)	61-0125
			88	Condenser (.05 Mfd.)	61-0101
			89	Resistor (330 ohms)	35-133336
			90	Hook Bolts	57-1340FA3
			91	Nut (Radio Mtg.)	W98FA3
			92	Tube Slide Cover	318-1997
			93	Wiring Slide Cover	57-1345FC45
			94	Prong Socket	27-8044



No.	Description	Part No.	No.	Description	Part No.
1	Lokalt Socket	55-0575	57	Tuning Shaft	57-1885
2	Speaker Socket	55-0443	58	Station Indicator Shaft	57-1386
3	Housing	77-0500FC45	59	Pointer	57-1403FA3
4	Control Mounting Bracket	57-1300FC46	60	Dial	55-0937
5	Control Mounting Bracket	57-1301FC46	61	Station Indicator	57-0514
6	Cable Clamp	57-1429	62	Upper Aerial Stanchion Kit	45-1438
7	Screw (Bracket Mtg.)	W1704P424	63	Lower Aerial Stanchion Kit	45-1437
8	Control	85-0113	64	Aerial Rod (48 3/4")	57-1248
9	Cord	55-0935	65	Aerial Rod (60 1/2")	57-1249
10	Tuning & Volume Knob	55-0938	66	Aerial Rod (84 1/2")	57-1247
11	Drive Cord Spring	57-1425	67	Aerial Lead	95-0124
12	Volume Shaft	57-1884	68	All Aerial Parts used in Part Nos. 91-0109, 91-0110 and 91-0111	
			69	Cowl Aerials	