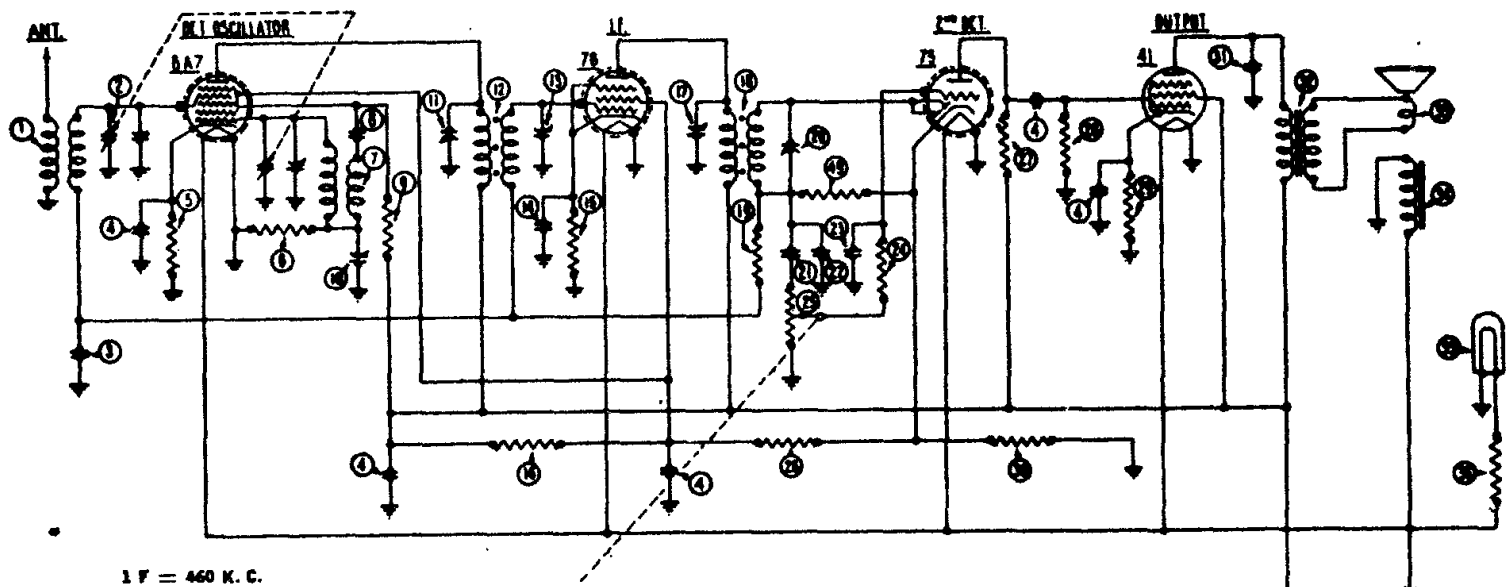
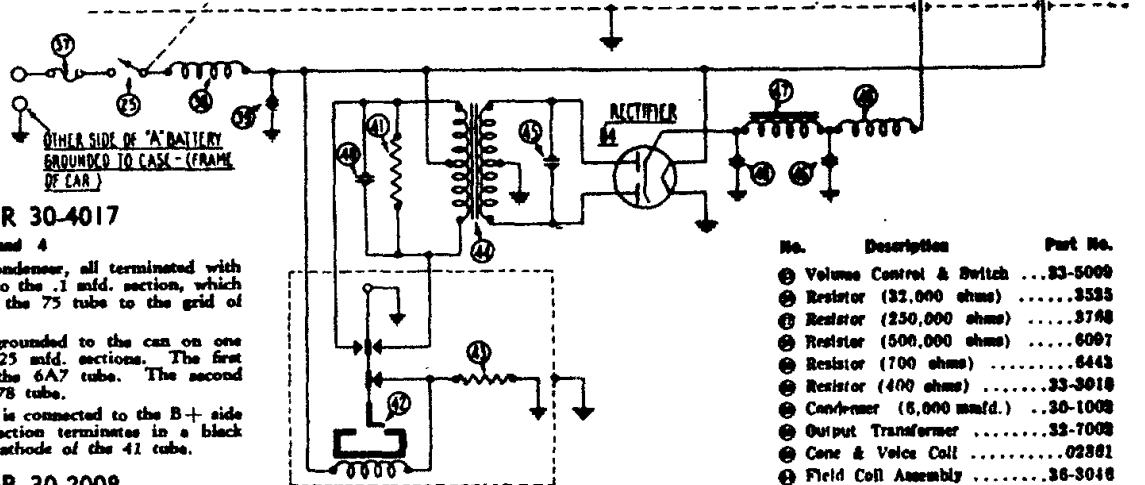


PHILCO AUTO RADIO MODEL 5



1 F = 460 K. C.



FILTER CONDENSER 30-4017

① on Figures 3 and 4

There are five sections in this filter condenser, all terminated with wire leads. The two green leads connect to the .1 mfd. section, which is used for coupling the plate output of the 75 tube to the grid of the 41 tube.

The remaining four sections are all grounded to the can on one side. The white leads connect to two .25 mfd. sections. The first section is connected to the cathode of the 6A7 tube. The second section is connected to the screen of the 78 tube.

The red lead from the .5 mfd. section is connected to the B+ side of all the plate circuits. A 20 mfd. section terminates in a black lead, which in turn is connected to the cathode of the 41 tube.

FILTER CONDENSER 30-2008

② on Figures 3 and 4

The condenser consists of two sections, a 4 mfd. section and an 8 mfd. section, both of them grounded on one side.

The 4 mfd. section terminates in a red lead, which is connected to the cathode of the 84 tube. The 8 mfd. section terminates in a green lead, which is connected between the two chokes in the rectifier circuit.

FIGURE 3

PARTS LIST

No.	Description	Part No.
①	Antenna Transformer	33-1084
②	Tuning Condenser	31-1019
③	Condenser (.05 mfd.)	30-4020
④	Filter Condenser (.25, .25, .5, 20 mfd.)	30-4017
⑤	Resistor (200 ohms)	7217
⑥	Resistor (13,008 ohms)	8387
⑦	Oscillator Transformer	33-1085
⑧	Condenser (250 mmfd.)	3083
⑨	Resistor (15,000 ohms)	6206
⑩	Padder	040006
⑪	Padder	04000J
⑫	First I. F. Transformer	33-1000
⑬	Padder	04000Y
⑭	Condenser (.5 mfd.)	30-4018
⑮	Resistor (1008 ohms)	33-3017
⑯	Resistor (10,000 ohms)	4412
⑰	Padder	04000D
⑱	Second I. F. Transformer	33-1087
⑲	Resistor (1,000,000 ohms)	4408
⑳	Padder	04000M
㉑	Condenser (.05 mfd.)	30-4020
㉒	Condenser (250 mmfd.)	3083
㉓	Condenser (500 mmfd.)	3018
㉔	Resistor (100,000 ohms)	6000

No.	Description	Part No.
㉕	Volume Control & Switch	33-5009
㉖	Resistor (32,000 ohms)	3535
㉗	Resistor (250,000 ohms)	3788
㉘	Resistor (500,000 ohms)	6097
㉙	Resistor (700 ohms)	6443
㉚	Resistor (400 ohms)	33-3018
㉛	Condenser (6,000 mmfd.)	30-1008
㉜	Output Transformer	33-7009
㉝	Cone & Voice Coil	02881
㉞	Field Coil Assembly	36-3048
㉟	Pilot Lamp	6008
㊱	Resistor (7 ohms)	5116
㊲	Fuse (15 amp.)	7227
㊳	R. F. Choke	32-1032
㊴	Condenser (.5 mfd.)	30-4015
㊵	Condenser (.05 mfd.)	30-4020
㊶	Resistor (200 ohms)	7217
㊷	Vibrator	41-3186
㊸	Resistor (200 ohms)	7217
㊹	Transformer	33-7030
㊺	Condenser (6000 mmfd.)	30-1002
㊻	Condenser (4 mfd., 5 mfd.)	30-2008
㊼	Filter Choke	32-7026
㊽	R. F. Choke (high voltage)	32-1078
㊾	Resistor (250,000 ohms)	4410
Control Assembly		
	(direct drive)	42-5008
	Tuning Shaft	26-8006
	Volume Shaft	28-8007
	Dial	27-5006
	Knob	60334
	Fuse	7227
	Fuse Insulator	27-7181
	Antenna Lead	38-5131
	"A" Lead	38-5296
	Bracket (control mtg.)	6035
	Studs (not mtg.)	28-6036
	Nuts (not mtg.)	W35A
	Strap (control mtg.)	04344

