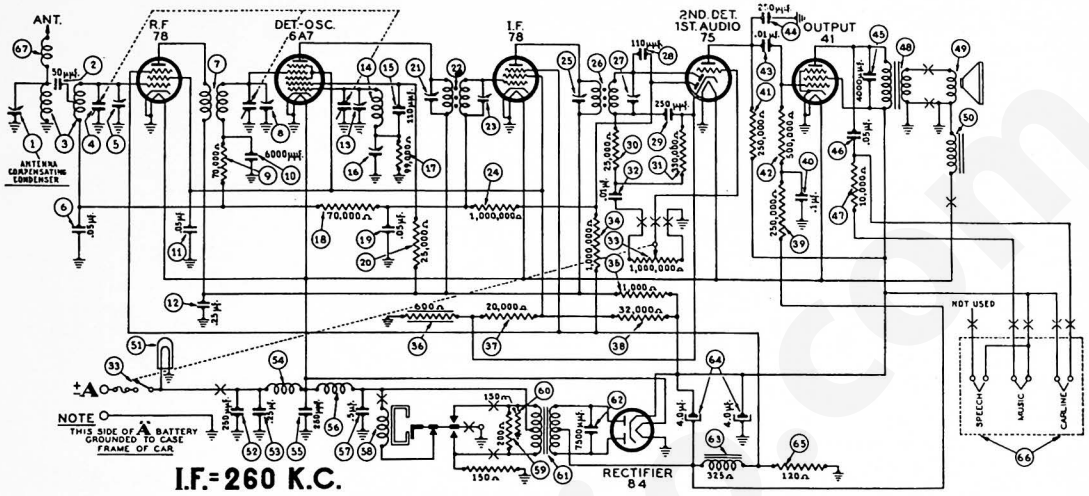

FIGURE 1

MODEL 926 PARTS LIST

No.	Description	Part No.
①	Antenna Compensating Condenser	31-6248
②	Condenser (50 mmfd.)	30-1101
③	Antenna Transformer	32-2945
④	Tuning Condenser	31-2238
⑤	First Padder (on Tun. Cond.)	
⑥	Condenser (.05 mfd.)	30-4444
⑦	R. F. Transformer	32-2946
⑧	Second Padder (on Tun. Cond.)	
⑨	Resistor (70,000 ohms)	33-370344
⑩	Condenser (6000 mmfd.)	30-4467
⑪	Condenser (.05 mfd.)	30-4020
⑫	Condenser (.25 mfd.)	30-4448
⑬	Third Padder (on Tun. Con.)	
⑭	Oscillator Transformer	32-2947
⑮	Condenser (110 mmfd.)	30-1031
⑯	Low Frequency Padder	31-6230
⑰	Resistor (99,000 ohms)	33-399344
⑱	Resistor (70,000 ohms)	33-370344
⑲	Condenser (.05 mfd.)	30-4020
⑳	Resistor (25,000 ohms)	33-325344
㉑	Padder (Pri. 1st. I. F. Trans.)	
㉒	First I. F. Transformer	32-3013
㉓	Padder (Sec. 2nd I. F. Tans.)	
㉔	Resistor (1,000,000 ohms)	33-510344
㉕	Padder (Pri. 2nd I. F. Trans.)	
㉖	Second I. F. Transformer	32-3014
㉗	Padder (Sec. 2nd I. F. Trans.)	
㉘	Condenser (110 mmfd.)	30-1031
㉙	Condenser (250 mmfd.)	30-1032
㉚	Resistor (25,000 ohms)	33-325344
㉛	Resistor (330,000 ohms)	33-433344
㉜	Condenser (.01 mfd.)	30-4479
㉝	Volume Control (1,000,000 ohms) and "On-Off" Switch	33-5268
㉞	Resistor (1,000,000 ohms)	33-510344
㉟	Resistor (1,000 ohms)	33-210344
㊱	Resistor (600 ohms)	33-160331
㊲	Resistor (20,000 ohms)	33-320344
㊳	Resistor (32,000 ohms)	33-332444
㊴	Resistor (250,000 ohms)	33-424344
㊵	Condenser (.1 mfd.)	30-4122

No.	Description	Part No.
㊶	Resistor (250,000 ohms)	33-424344
㊷	Resistor (500,000 ohms)	33-449344
㊸	Condenser (.01 mfd.)	30-4145
㊹	Condensers (250 mmfd.)	30-1032
㊺	Condensers (4,000 mmfd.)	30-4185
㊻	Condensers (.05 mfd.)	30-4454
㊼	Resistor (10,000 ohms)	33-310344
㊽	Output Transformer	32-7956
㊾	Cone and Voice Coil	45-2608
㊿	Field Coil Assembly	32-9263
(51)	Pilot Lamp	34-2040
(52)	Condenser (250 mmfd.)	30-1032
(53)	Condenser (.25 mfd.)	30-4446
(54)	"A" Choke	32-1374
(55)	Condenser (250 mmfd.)	30-1032
(56)	Vibrator Choke	32-2911
(57)	Condenser (.5 mfd.)	30-4474
(58)	Vibrator	41-3170-3
(59)	Resistor (200 ohm)	33-120344
(60)	Resistor (150 ohms)	33-115344
(61)	Power Transformer	32-7958
(62)	Condenser (7500 mmfd.)	30-4567
(63)	Filter Choke	32-7959
(64)	Filter Condenser (4-4 mfd.)	30-2315
(65)	Resistor (120 ohms)	33-112326
(66)	Reception Control	42-5850
(67)	Antenna Choke	32-1956
	Complete Control	42-5840
	Tuning Shaft	28-8871
	Tuning and Volume Knob	27-4725
	"Carline" Knob	27-4731
	"Music" Knob	27-4732
	"Speech" Knob	27-4733
	Dial	27-5309
	Fuse	7227
	Fuse Insulator	27-7729
	Distributor Resistor	33-1106
	Interference Condenser	30-4007
	"T" Bolt	28-6161
	Washer	W-2606
	Nut	W518

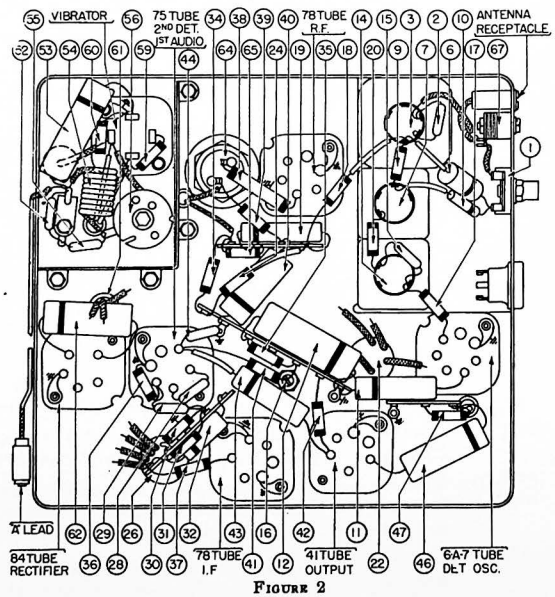

FIGURE 2

I. F. TRANSFORMERS AND PADDERS

The I. F. transformers are assembled complete with padding condensers.

Both the primary and the secondary padders are placed side by side in the top of the transformer shield can. The adjusting screws are accessible thru the holes in the top of the shield. (See Figure 4).

The coil windings terminate in leads instead of terminals or lugs. The color scheme of the leads is given in Figure 3.

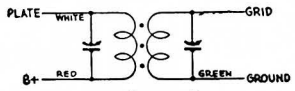

FIGURE 3

If replacements are ever necessary, replace the entire coil assembly, 32-3013, for the first I. F. stage and 32-3014 for the second I. F. stage. Neither the coil nor the padders will be furnished separately. Order only by the above numbers.

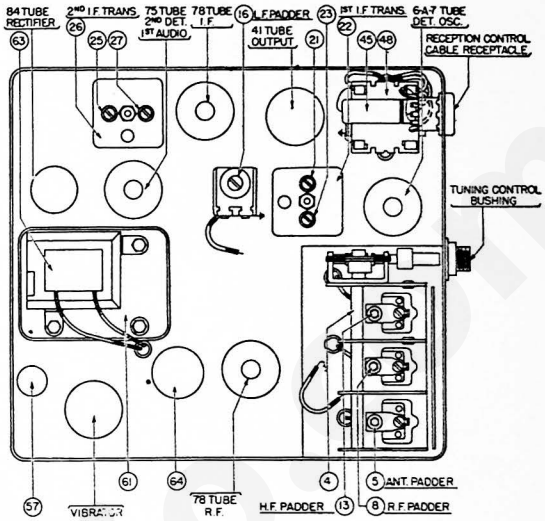

FIGURE 4

MODEL 926 ADJUSTMENTS

All padding adjustments are carefully made at the factory and ordinarily no readjustments are necessary. However, when readjustments are required, the procedure given below must be followed in detail.

Equipment — Storage Battery (fully charged) or a 6 volt power pack. Signal Generator such as Philco Models 077 or 177. Vacuum Tube Voltmeter and Circuit Tester, Philco Model 027. In addition a padding screw driver, Philco Part No. 45-2610.

General — The output meter must be connected by means of an adapter to the plate of the type 41 output tube and to the Radio chassis.

With the Radio and signal generator set up for operation at the prescribed frequency, turn the Radio volume control on full and set the signal generator attenuator so that a half scale reading is obtained on the output meter. The signal in the speaker should be audible but not loud.

The shielding on the signal generator output lead must be connected to the Radio housing.

OPERATION	SIGNAL GENERATOR		DUMMY CAPACITY	SPECIAL INSTRUCTIONS	ADJUST PADDER
	FREQUENCY	CONNECTION			
1	260 K. C.	To grid of 6A7 Tube	.1 Mfd. Condenser in Series with Generator Lead	No Antenna Connection	㉕ ㉗ ㉑ ㉓
2	1550 K. C.	To Antenna Receptacle on Radio	50 Mmfd. See Note 1	Turn Tuning Condenser Plates Out of Mesh as Far as They Will Go.	⑬ ⑧ ⑤
3	580 K. C.	To Antenna Receptacle on Radio	50 Mmfd. See Note 1	Set Tuning Condenser at 580 K. C.	⑯ Note 2
4	1550 K. C.	To Antenna Receptacle on Radio	50 Mmfd. See Note 1	Turn Tuning Condenser Plates Out of Mesh as Far as They Will Go.	⑬
5	1400 K. C.	To Antenna Receptacle on Radio	50 Mmfd. See Note 1	Set Tuning Condenser at 1400 K. C.	⑧ ⑤ Note 3
6	600 K. C.	Note 4	Note 4	Note 4	① Note 4

Make all adjustments for maximum reading on the output meter.

NOTE 1 — Connect the antenna lead, Part No. 41-3191, to the antenna receptacle in the radio. Connect a 50 Mmfd. Condenser in series between the signal generator and the antenna lead.

NOTE 2 — Rock the tuning condenser while adjusting the low frequency padder. Tune the condenser to the signal and adjust the padder for maximum output. Rotate the tuning condenser back and forth slightly for maximum output. Then re-adjust the padder for maximum output. Repeat this procedure until no further improvement is noticed.

NOTE 3 — When the antenna stage adjustment is made with the Radio installed in the car, the Radio antenna lead must be connected to the car antenna in the usual manner. Connect the signal generator output lead to a wire placed near the car antenna but not connected to it.

NOTE 4 — When installing the Radio in a car, follow the installation instructions carefully. Tune in a weak broadcast signal at approximately 60 on the control scale. With a small screw driver adjust the antenna compensating condenser ① for the maximum signal.