

Philco Radio & Television Corp.

Model: PT-93

Chassis:

Year: Pre 1945

Power:

Circuit:

IF:

Tubes:

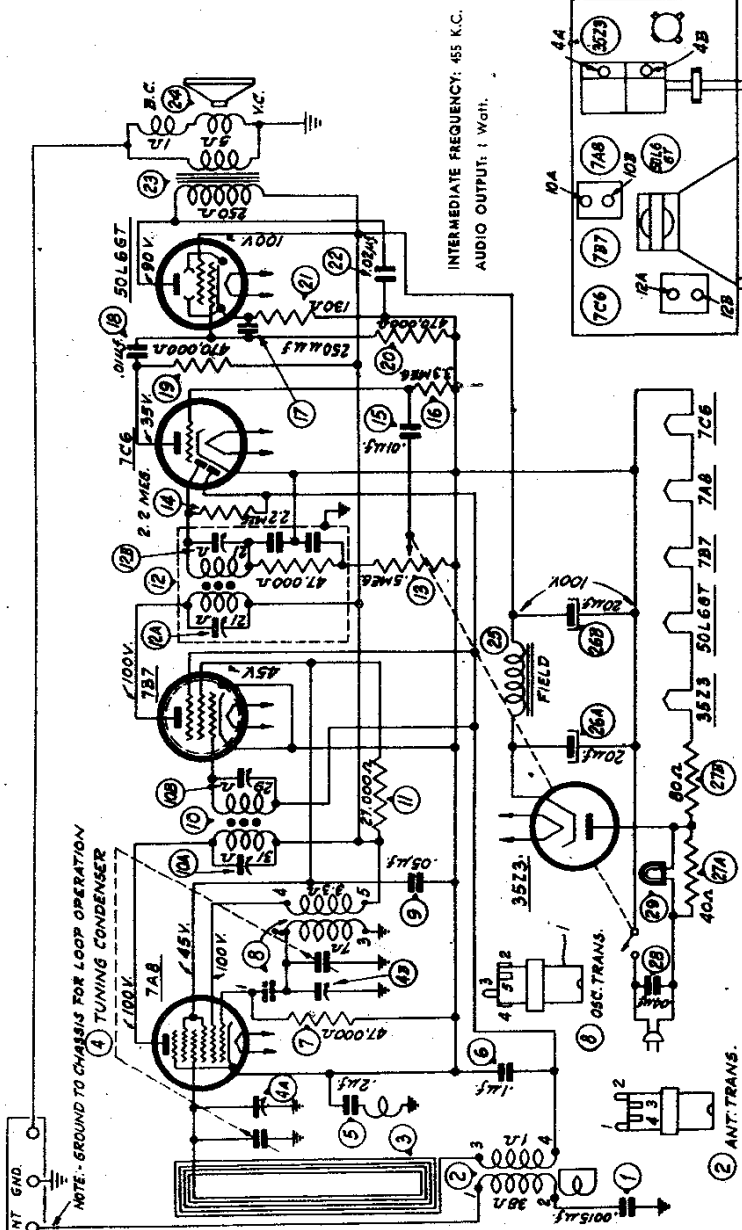
Bands:

Resources

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MODELS PT-91, PT-92, PT-93, PT-94, PT-95, PT-96 PHILCO RADIO & TELEVISION CORP.

SCHEM. No.	DESCRIPTION	PART No.
1.	Condenser (.0015 mfd., 200 volts)	30-4421
2.	Mid. Clip	32-3394
3.	Loop Aerial (PT-91 part of Cabinet)	28-5002
	Loop Aerial (PT-92 part of Cabinet)	32-3835
	Loop Aerial (PT-93)	32-3855
	Loop Aerial (PT-94, PT-95)	31-2537
	Loop Aerial (PT-96)	34-4110
4.	Tuning Cond.	20-9854
	Dial Pointer	31-2518
	Mfg. Grammet	74-1161
	Spring (Drive cord)	31-2541
	Tuning Shaft	74-1161
	Prig. Cord	30-4586
5.	Condenser (.1 mfd., 200 volts)	33-347337
6.	Resistor (47,000 ohms)	28-5002
7.	Oscillator Transformer	21-3473
8.	Condenser (.05 mfd., 200 volts)	33-327339
9.	Mfg. Clip	W-424
10.	1st. I. F. Transformer	31-3474
11.	Resistor (27,000 ohms)	33-5429
12.	2nd. I. F. Transformer	W-424
13.	Mfg. Nut	33-5429
	Volume Control	W-1949
14.	Resistor (2.2 megohms)	33-52239
15.	Cond. (.81 mfd., 400 volts)	30-4572
16.	Resistor (3.3 megohms)	33-53239
17.	Mico Cond. (750 mmfd.)	40-125157
18.	Cond. (.81 mfd., 400 volts)	33-447339
19.	Resistor (470,000 ohms)	33-447339
20.	Resistor (100,000 ohms)	33-11332A
21.	Resistor (100,000 ohms)	30-4514
22.	Condenser (.02 mfd., 400 volts)	32-8144
23.	Output Transformer	34-4204
24.	Cone Assembly (for Speaker 34-1842-9)	30-2382
25.	Field Coil (Replace Spacer 34-1542)	30-2382
26A.	Electrolytic Condenser (20 mfd.)	54-1244
26B.	Electrolytic Condenser (20-20 mfd., part of 26A)	33-3008
27.	Clamp (46-80 ohms)	30-4119
28.	Cond. (.34 mfd., 400 volts)	34-2088
29.	Plug Lamp	74-1280
	Socket Assembly	

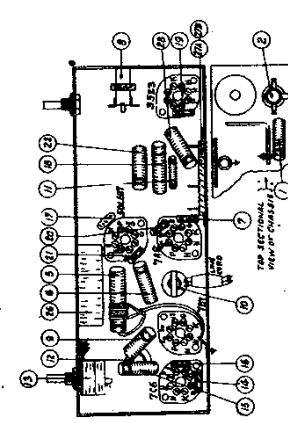


When aligning the R. F. padders a loop is made from a few turns of wire and connected to the signal generator output terminals; the signal generator is then placed close to the loop of the radio.
The receiver can be adjusted in the cabinet or removed from the cabinet.

Operations in Order	SIGNAL GENERATOR		RECEIVER		SPECIAL INSTRUCTIONS
	Output Connections to Receiver	Dial Setting	Control Setting	Adjust Compensators in Order	
1.	Ant. Section of tuning	455 K.C.	Vol. Max.	12A, 12B, 10A, 10B	Note B
2.	Loop	1500 K.C.	Vol. Max.	4B	Note A
3.	Loop	1500 K.C.	Vol. Max.	4A	

NOTE A: DIAL POINTER CALIBRATION—In order to adjust the receiver correctly, the pointer must be adjusted to track properly with the tuning condenser. To do this, turn the tuning condenser to the maximum capacity (plates fully meshed). With the condenser in this position, set the tuning pointer on the small dot below 550 K.C.

Note B—Before adjusting compensators, turn down (10B) to tight position. Then adjust the compensators for maximum output in the following order: 12A, 12B, 10A and 10B.



LOCATIONS OF PARTS—UNDERSIDE OF CHASSIS.