

Philco PT29/PT31/PT33/PT41/PT61

Models PT-29 and PT-31 are five tube superheterodyne radios covering a frequency range from 540 to 1720 K. C. on the broadcast band and 2.3 to 2.5 megacycles (M. C.) on the local police range. These models are similar with the exception of the cabinets.

1	Antenna Transformer	..32-3164
2	Tubular Condenser (.0015 mf., 200 v.)	..30-45558
3	Tuning Condenser	..31-2427
4	Switch	..42-1406
5	Tubular Condenser (.05 mf., 200 v.)	..30-45198
6	Tubular Condenser (.15 mf., 400 v.)	..30-45053
7	Resistor (47,000 ohms, 1/4 watt)	..33-347154
8	Mica Condenser (110 mmf.)	..30-1130
9	Oscillator Transformer	..32-3152
10	Tubular Condenser (.05 mf., 200 v.)	..30-45198
11	1st I. F. Transformer	..32-3149
12	2nd I. F. Transformer	..32-3150
13	Resistor (2.2 meg., 1/4 watt)	..33-522154
14	Mica Condenser (250 mmf.)	..61-0033
15	Resistor (22,000 ohms, 1/4 watt)	..33-322334
16	Volume Control (500,000 ohms)	..33-5306
17	Tubular Condenser (.01 mf., 200 v.)	..30-44798
18	Resistor (4.7 meg., 1/4 watt)	..33-547154
19	Resistor (220,000 ohms, 1/4 watt)	..33-422154

INTERMEDIATE

FREQUENCY: 470 K. C.

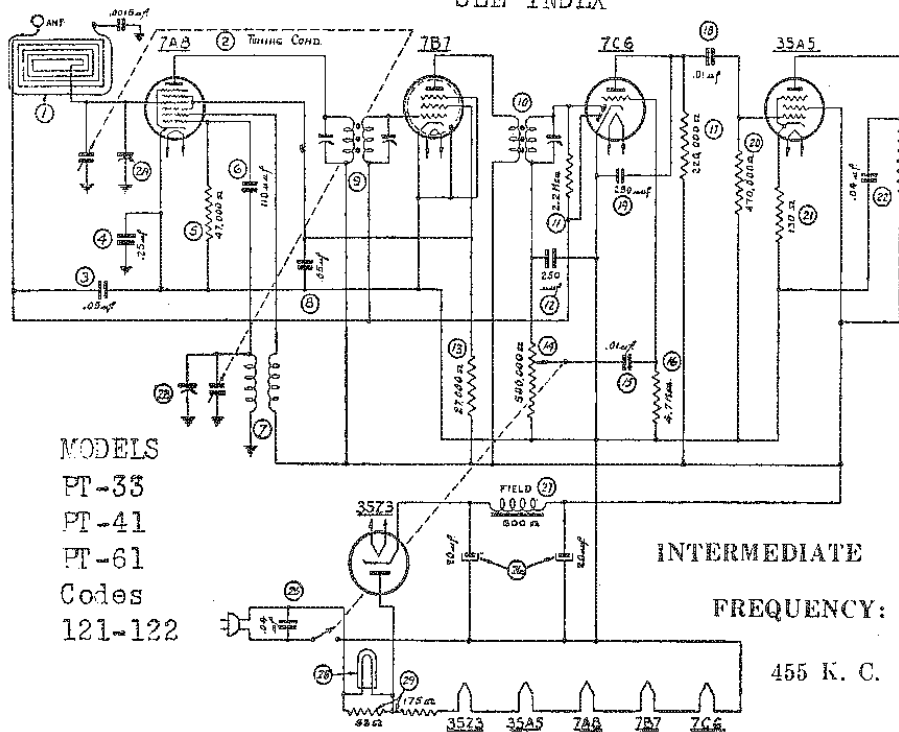
20	Tubular Condenser (.01 mf., 400 v.)	..30-45728
21	Resistor (47,000 ohms, 1/4 watt)	..33-447154
22	Resistor (130 ohms, 1/2 watt)	..33-113336
23	Tubular Condenser (.04 mf., 400 v.)	..30-41198
24	Output Transformer	
	Part of Speaker No.	..36-1469
25	Speaker	..36-1469
26	Electrolytic Condenser	
	(20-20 mf., 150 v.)	..30-2382
27	Field Coil Part of Speaker,	
	Part Number	..36-1469
28	Pilot Lamp	..34-2068
29	Line Resistor	..33-3367
30	Tubular Condenser (.04 mf., 400 v.)	..30-41198

PRODUCTION CHANGE

To stabilize the oscillator circuit and prevent oscillation at the high frequency end of the tuning dial, the oscillator grid leak was changed from 47000 ohms to 22000 ohms.

FOR ALIGNMENT

SEE INDEX

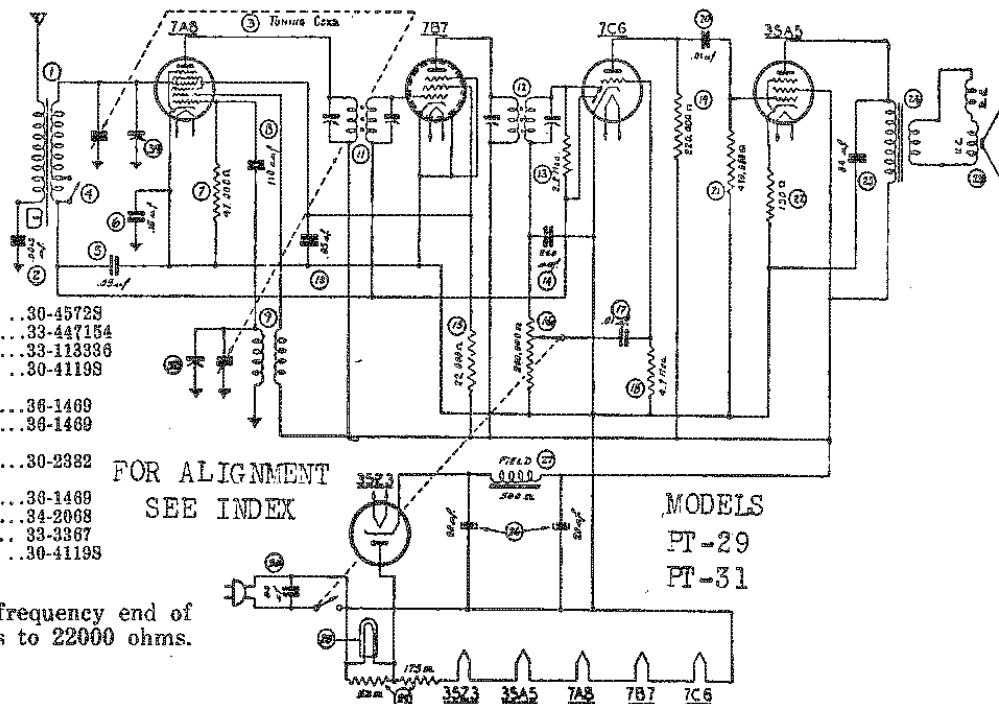


MODELS
PT-33
PT-41
PT-61
Codes
121-122

INTERMEDIATE

FREQUENCY:

455 K. C.



FOR ALIGNMENT
SEE INDEX

MODELS
PT-29
PT-31

Models PT-33, PT-41, Codes 121 and 122, PT-61, Codes 121 and 122, are five tube superheterodyne radios covering a frequency range from 540 to 1580 kilocycles (K. C.)

22	Tubular Condenser (.04 mf., 400 V.)	..30-41198
23	Output Transformer	
	Part of Speaker No. 36-1469-1	..32-8047
	Part of Speaker No. 36-1469-9	..32-8044
	Part of Speaker No. 36-1469-2	..32-8044
24	Speaker	..36-1469
25	Tubular Condenser (.04 mf., 400 V.)	..30-41198
26	Electrolytic Condenser	
	(20-20 mf., 150 V.)	..30-2382
27	Field Coil	Part of Speaker No. 36-1469
28	Pilot Lamp	..34-2068
29	Line Resistor	..33-3367

PRODUCTION CHANGES

Several parts were changed in these models and the code numbers changed from 121 to 122. These changes are as follows:

MODEL PT-41

	Code 121	Code 122
Dial	..27-5554	..27-5570
Instructions	..39-6570	..39-6710
Loop Aerial Assembly	..38-9858	..32-3179
Tuning Condenser	..31-2429	..31-2448

MODEL PT-61

	Code 121	Code 122
Dial	..27-5554	..27-5570
Instructions	..39-6570	..39-6710
Loop Aerial Assembly	..38-9858	..32-3179
Tuning Condenser	..31-2429	..31-2448

1	Loop Antenna Assem. (Code 121)	..38-9858
2	Loop Antenna Assem. (Code 122)	..32-3179
3	Tuning Condenser (Code 121)	..31-2429
4	Tuning Condenser (Code 122)	..31-2448
5	Tubular Condenser (.05 mf., 200 V.)	..30-45198
6	Tubular Condenser (.25 mf., 400 V.)	..30-48043
7	Resistor (47,000 ohms, 1/4 watt)	..33-347154
8	Mica Condenser (110 mmf.)	..30-1130
9	Oscillator Transformer	..32-3182
10	Tubular Condenser (.05 mf., 200 V.)	..30-45198
11	1st I. F. Transformer	..32-3177
12	2nd I. F. Transformer	..32-3178
13	Resistor (2.2 meg., 1/4 watt)	..33-522154
14	Mica Condenser (250 mmf.)	..61-0033
15	Resistor (27,000 ohms, 1/4 watt)	..33-327334
16	Volume Control (500,000 ohms)	..33-5306
17	Tubular Condenser (.01 mf., 200 V.)	..30-44798
18	Resistor (4.7 meg., 1/4 watt)	..33-547154
19	Resistor (220,000 ohms, 1/4 watt)	..33-422154
20	Tubular Condenser (.01 mf., 400 V.)	..30-45728
21	Mica Condenser (250 mmf.)	..61-0033
22	Resistor (470,000 ohms, 1/4 watt)	..33-447154
23	Resistor (130 ohms, 1/2 watt)	..33-113336