Philco Radio & Television Corp.							
	Model: 610	Chassis:	Year: Pre October 1938				
	Power:	Circuit:	IF:				
	Tubes:	•					
	Bands:						
		Resources					
Riders Volume 9 - CH	ANGES 9-3						
Riders Volume 6 - PHI	LCO 6-19						
Riders Volume 6 - PHI	LCO 6-20						
Riders Volume 6 - PHI	LCO 6-21						
Riders Volume 7 - PHI	LCO 7-87						
Riders Volume 7 - PHI	Riders Volume 7 - PHILCO 7-88						
Riders Volume 7 - PHI	Riders Volume 7 - PHILCO 7-147						

#### G.E. D-51, D-52

A switch is provided ithese chassis which is used to cut it and out a series audio coupling edenser between the plate of the B7 second detector-ave-at tube and the control grid of the 41 output tub. In most cases it has been fained by to allow this switch to remin cased all the time; therefore, it is called the time; therefore, it is set to be increased by making the following changes:

Disconnect the Powers connected to the switch, Sain the schematic found on RCA jage 6-9 in Rider's Volume VI, and alex soldering them transfer was them.

together, tape them:
Connect a wire from the control grid cap connect 3 the 6B7 to one terminal of the swift. To the other terminal of \$2, \text{ of the order of a 0.0015-mi condor and connect the other side of the other tenser to the case of the receiver.
This procedure trovides a the control of the side of the control of the receiver.

This procedure, rovides a point tone control which is extremes effective in reducing the tube hiss of weak signals. When the incoming signal is strong, the medenser may be switched out of the circuit, which gives the best fidelity. This type of tone control is more-effective in reducing noise than the usual type of control connected across the output of the 41 power amplifig.

#### Motorola 5T-71A

The schematic for his chassis is the same as that shown on page 3-2 in Rider's Volume III and on page 1054 in the Rider Combination Manual, with the following the rest

with the following the spess:

The 0.25-megohm and 1-megohm resistors in series in the plate circuit of the third 24 r-f tube and the 0.1-mf by-pass condenser from their junction, have been replaced with a choke having the same parts number as the one shown in the grid circuit of the 171A output tube. This choke is connected directly between the plate

of the 24 tube and the +B lead.

The choke in the grid circuit of the output tube has been replaced with a 0.2-megohm resistor.

#### Mid-West 7-36

As was noted on page 7-2 in Rider's Volume VII, the tube complement of the late model of this receiver was changed, four metal tabes being employed. Below will be tound the voltage data for both the early and the late models.

Early.	7-36					
Tube		Plate	Scre	en Cid	te Su	op. Grid
53	R-F	215	34		)	AVC
56	Osc.	120			7.	_
58 58	Mixer	215	81		•	AVC
58	1st L.F	190	B	) T		AVC
55	2nd Det	35	_	- 6	<b>4</b> C	
2.5	Quiput	220	34		<b>—</b> 0	17,5
80	Rect	240	volts	from	t .	
Filara	est voltag	r, 2.5			7	
Late 7	36			-		
Tube		r	latë.	Statecto	Supp.	Cathode
SXX	R-F		225	100	0	D
6K.7	Mixer		225	190	3	ā
6CS	Osc		130	ā	Ď	) D
85	2nd Det	AR.	30	0	3 0	ē
42	Output		225	230		0
80	Rect		250 /	١٠c	•	•
Filant	cut voltag	e. 5.9	Vol	eme ont	rol at n	manistra

#### Arvin Chassis 518

In order to correct the calibration of the dial, the following procedure is to be used:

Rotate the dial pointer to .50 ke. Press with the thumb on the dial face above its center. Rotate the tuning knob while preventing the dial pointer from moving. This will enable the position of the dial pointe to be varied with respect to the tuning condenser and makes it possible to readjust the calibration without removing the chassis from its cabinet.

For other servicing data see pages 8-10, 8-12, and 8-13 in Rider's Volume VIII.

#### G.E. B-40

The schematic of this receiver, which is the same as RCA M-34, is shown on RCA page 3:14 of Rider's Volume III and page 1854 of the Rider Combination Manual. The change explained below will increase the audio gain on medium and strong signals and also improve the AV.C. action. The partial schematic shown herewith are the original and revised circuits.

Interchange the connections at the terminal board of the red and green wires from the volume control. This places the grid coupling condenser in the circuit of the movable arm of the volume control. Then disconnect the green A.V.C. lead from the terminal board. (This lead is connected to the second terminal from the end on the bottom side of the terminal strip.) Solder a small 2-megohm resistor to this lead and solder the other end of the resistor to the lug on the terminal board to which the green lead from the volume control is attached.

#### Lafayotto M-31 (1935)

Please make this change on the lower schematic on Lafoyette page &6 in Rider's Volume YIII: A connection should he made where the lead irom B+ crosses the lead from the plate of the 58. A jumper appears there in the schematic.

The tap between the voice coil and the hum bucking coil should be grounded to minimize hum. See schematic on page 7-83 of Rider's Volume VII.

The 133-15 ohms resistor, No. 36, has a part number 33-3235 instead of 33-3225.

Beginning with Run No. 3, the tuning condenser assembly was changed to a vernier type. The part number of this condenser, scale, and pointer remain the same.

The 1-megohm resistor, No. 40 had a rating of ½ watt. This should be replaced with a ½ watt resistor of the same resistance value; the Part No. 33-510344.

#### Philoo 270

Please make a note in your Index to Ride's Manuals that the parts list of Model 70 applies to the schematic of Model 270, found on page 1-38 of the revited edition of Rider's Volume 1; on page \*466-C of the early edition; and on page 1657 of the Rider Combination Manual.

#### Philos III

A 50-mmf. condenser has been added from the end terminal of condenser No. 63 (see schematic on page 6-11 of Rider's Volume VI) to ground. This addition was made to prevent oscilla-

As of Run No. 14, the 1-megohm resistor, No. 81, has been changed from Part No. 4409 to 33-510344.

A change has been made in the design of the volume control, No. 66 on the schematic, the old part number was 33-5022 and this has been replaced with Part No. 33-5153.

placed with Part No. 33-5153.
The Model K-17 speaker, Part No. 36-1025, is used on the new Model 116-B. The cone assembly number is 02996; the field coil and pot assembly is 36-3104.

#### Philco 116X

The resistance of the field coil, No. 95 on the schematic shown on page 6-13 of Rider's Volume VI, is shown as 1125 ohms. Change notes from the manufacturer state that this value is 1450 ohms.

The volume control No. 68 has been changed from Part No. 33-5110 to 33-5155.

#### Philoo 1-F Transformers

The i-f transformers of several models have been changed and are listed below. In each case the new part number of the first i-f transformer is 32-2296 and that of the second i-f transformer is 32-2298.

	Parts List	Riders
Model	on Page	Volume
37-33	7-15	VII
37-34	8-17	VIII
37-38*	7-17	VII
37-623	7-55	VII
37-624	8-23	VIII

The second i-f transformer has a tertiary winding which is connected in series with the screen-grid circuit of the ID5G i-f tube.

In order to prevent oscillation in the i-f circuit of Model 37-38, a tubular condenser, Part No. 30-4020, Os mf, is connected from the screens of the 1C7G detector-oscillator and the 1D5G i-f tubes to ground.

#### Philco 37-9, Code 121

Run No. 2. Condenser No. 35 has been changed from 16 mf to 18 mf, Part No. 30-2194.

To improve the operation of the ifcircuit, a 0.1-mf condenser, Part No. 30.4455, has been connected from the red lead of the primary of the i-f transformer, No. 53, to ground. To prevent distortion at minimum

To prevent distortion at minimum volume, the green-white wire connecting the center lug of the volume control, No. 67, to the automatic tuning dial a-f switch, No. 93, must be kept clear of the compensator, No. 54, and the diode circuit of the 6Q7G.

Run No. 3. Condensers 70 and 70A have been replaced, by 8- and 10-mf condensers respectively. Part No. 30-2201. The 8-mf condenser, No. 72, has been replaced by a 18-mf condenser, Part No. 30-2200.

The schematic of this receiver will be found on page 8-11 of Rider's Volume VIII. Note that the dial calibration notes of Model 37-10, see page 8-15, can be used for calibrating the dial of Model 37-9.

#### Phileo 38-39

In order to reduce maximum volume buzz, the following parts were changed: the 11.7-ohm resistor, No. 22, was changed to 12.3 ohms; the 2-megohm resistor, No. 30, was changed to 4 megohms; and the 160,000-ohm resistor, No. 27, was changed to 240,000 ohms. See schematic on page 8-75 of Rider's Volume VIII.

#### Philco 38-4, 38-5

When either of these models are operated on 25 cycles, a power transformer, Part No. 32-7598 must be employed. Also a 0.1-mf condenser must be connected across the speaker field coil, No. 65.

In order to reduce station rumble in the Model 38-4, the following parts were changed: the 0.01-mf condenser, No. 36, was changed to 0.0015 mf. and the 40,000-ohm resistor, No. 38, changed to 32,000 ohms.

In order to reduce frequency drift at the high-frequency end of the broadcast tuning range, in Run No. 3 the compensator No. 16, 1500 ke, Part No. 31-6196, was replaced with Part No. 31-6206, and two condensers, Parc No. 30-1097, are connected in parallel with the new condenser. The range I oscillator transformer, No. 15, was changed from Part No. 32-2631 to 32-2894. In Run No. 4 of 38-4 and Run No.

In Run No. 4 of 38-4 and Run No. 2 of 38-5, the 70,000-ohm resistor, No. 19, was changed to 51,000 ohms to improve the performance of the oscillator circuit on the short-wave bands. For schematic see page 8-61 in Rider's Volume VIII.

#### Phileo 38-7, Codes 121,124

Run No. 2 To provide uniform performance of the oscillator circuit, a 20ohm resistor was connected in series with the cathode of the 6ASG detectoroscillator tube. See schematic on page 3-65 of Rider's Volume VIII.

In order to reduce bass response, the following parts were changed in the Code 124 chassis:

Condenser, No. 24, was changed from 0.01 mf to 0.001 mf, Part No. 304-201. Resistor, No. 32, was changed from 51,000 ohms to 40,000 ohms, Part No. 33-340339. Condenser, No. 38, was changed from 0.006 mf to 0.01 mf, Part No. 30-4479.

Run No. 3. To reduce frequency drift further at the high-frequency end of the broadcast range, the compensator, No. 7A, was replaced with Part No. 31-6206. Also a new thermal compensator was connected in parallel with compensator, No. 7A and mounted near resistor No. 12. The resistor is mounted in the chassis with a mounting clamp and an abestot insulator. The resistor must be mounted like this or else the thermal compensator will not function properly.

Run No. 4. The thermal compensator added to the chassis in Run No. 3, was replaced by two fixed condensers, Part No. 30-1097.

Run No. 5. The 20-ohm resistor added in Run No. 2 was removed.

The part numbers of Nos. 26, 39, and 48 found in the list of parts on page 8-66 are correct for Models 38-8 and 38-9. The correct part number for Model 38-7 both codes, follow:

ange 2-00 are control for storage and 38-9. The correct part numbers for Model 38-7, both codes, follow: No. 26, Volume Control, Part No. 33-5225; No. 39, Tone Control, Part No. 42-1347; and No. 48, Range Switch, Part No. 42-1339.

#### Philco 38-8, Code 121

Run No. 2. In order to increase the sensitivity of the shadowmetter, the following changes were made: Resistor, No. 12, was changed from 10,000 ohms to 13,000 ohms, part No. 33-313639 and condenser, No. 17, was changed from 0.05 mf to 0.25 mf, Part No. 30-4134. See schematic on page 8-65 of Rider's Volume VIII. Run No. 3. To provide uniform performance of the oscillator circuit, a 20-

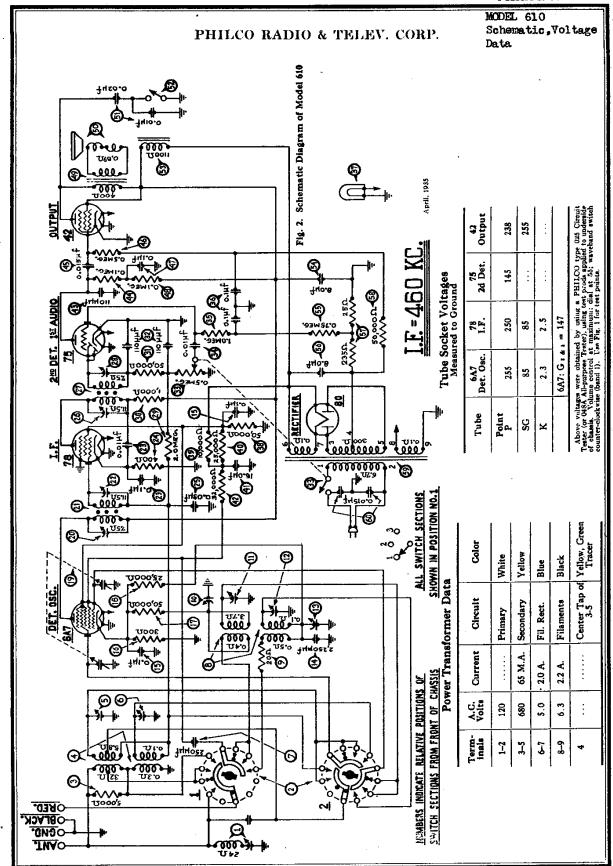
Run No. 3. To provide uniform performance of the oscillator circuit, a 20ohm resistor was connected in series with the cathode of the 6A8G detectoroscillator tube.

Run No. 4. In order to increase the a-f response in the high frequencies, condenser No. 40, was changed from 0.008 mf to 0.004 mf, Part No. 30-4456.

Run No. 5. The 20-ohm resistor added in Run No. 3, was removed. Philoo 610

We have been advised by the manufacturer that the following changes should be made in the schematic numbers of this model found on page 6-19 of Rider's Volume VI: the schematic number 54 should be changed to 41; No. 41 to 56; No. 56 to 54; No. 39 to 40; and No. 40 to 39. This will make the numbers of the wiring diagram, the base view, and the parts list

Beginning with Run No. 15, the oscillator circuit, of the second type of this chassis (see page 7-87 of Rider's Volume VII) was changed to improve the oscillator action at 6.0 mc. Resistors No. 17 and No. 18 (51,000 ohms and 25,000 ohms) were remived. A 32,000-ohm resistor (Part No. 33-332133) was added from the switch terminal side of condenser No. 7 in the antenna circuit to ground. A 20ohm resistor, Part No. 33-020133 was connected between the 6A7 cathode and ground.



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MODEL 610 Socket, Trimmers Alignment, Data

### PHILCO RADIO & TELEV. CORP.

## Model 610

Type Circuit: Superheterodyne, with pentode output (3 watts); built in connections for Philco All-wave aerial; aerial selector built into and operated by wave-band switch.

Power Supply: Alternating Current. Voltage and frequency as specified on chassis nameplate.

Tubes Used: 1 type 6A7, Detector-Oscillator; 1 type 78, I.F.; 1 type 75, 2d Detector and 1st A.F.; 1 type 42 Output; 1 type 80 Rectifier.

Wave Bands: Three—(1) standard (with some Police); (2) Police; (3) Short-wave.

Coverage of Each Band: Band 1, 530-1720 K.C.; Band 2, 2300 to 2500 K.C. (2.3-2.5 M.C.); Band 3, 5700-18000 K.C. (5.7 to 18.0 megacycles).

Tuning Drive: Dual planetary, ball bearing. 50 to 1 ratio for slow-speed tuning.

Tone Control: 2-position.

Intermediate Frequency: 460 K.C.

Power Consumption: 54 watts.

The adjustment of the compensating condensers in Model 610 requires a signal generator covering the broadcast and police band, and also one capable of producing a signal at certain frequencies in the short wave band. The Philco Model 088 All-Wave Signal Generator covers these requirements perfectly. An output meter is also required. Philco Model 025 or 012 unit is recommended. The location of all compensating condensers is shown in Fig. 4.

### Adjustment of I. F.

1. Remove the antenna connection from the receiver, disconnect the grid clip from the first detector (type 6A7 tube), and connect the "ANT" output terminal of the signal generator to the grid cap of this tube; connect the "GND" terminal of the signal generator to the "GND" terminal of the receiver.

2. Connect the 0 to 30 volt range of the output meter to the plate and cathode of the output tube or to the two bottom

prongs of the speaker plug.

3. Adjust the signal generator to a frequency of 460 K.C. Place the receiver in operation with the dial turned to the low frequency end of the standard broadcast band, wave band switch to extreme left (clockwise), and have the volume control adjusted near its maximum setting. Adjust the signal generator attenuator for approximately half-scale reading of the output meter.

4. The I.F. compensating condensers are located at the tops of the I.F. coil shields and adjusted by turning the two screws in top. Adjust condensers ® and ® (2d I.F. primary and secondary) for maximum reading in the output meter, and then condensers ® and ® (1st I.F. primary and secondary).

#### Adjustment of Wave-Trap

- 1. Connect the signal generator leads to the antenna and ground terminals of the receiver. Replace the grid clip on the 6A7 grid cap.
- 2. With the wave-band switch of the receiver still in the extreme left (broadcast position), turn the station selector to 550 K.C.
- 3. With the signal generator in operation at 460 K.C., adjust the wave-trap ① condenser until a MINIMUM reading is obtained on the output meter. The Philco fibre wrench, part No. 3164, is used for this adjustment. The wave-trap compensator is reached from rear of chassis.

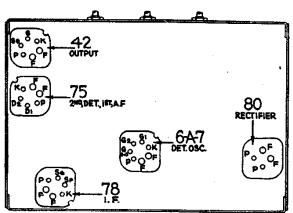


Fig. 1. Tube Sockets as viewed from bottom.

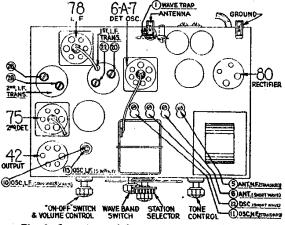


Fig. 2. Locations of Compensating Condensers

## Adjustment of High and Low

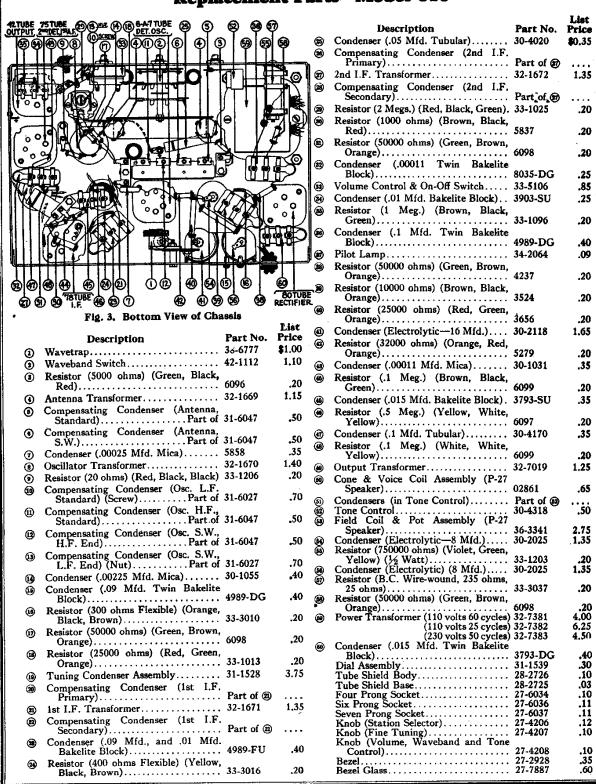
### Frequency Compensators

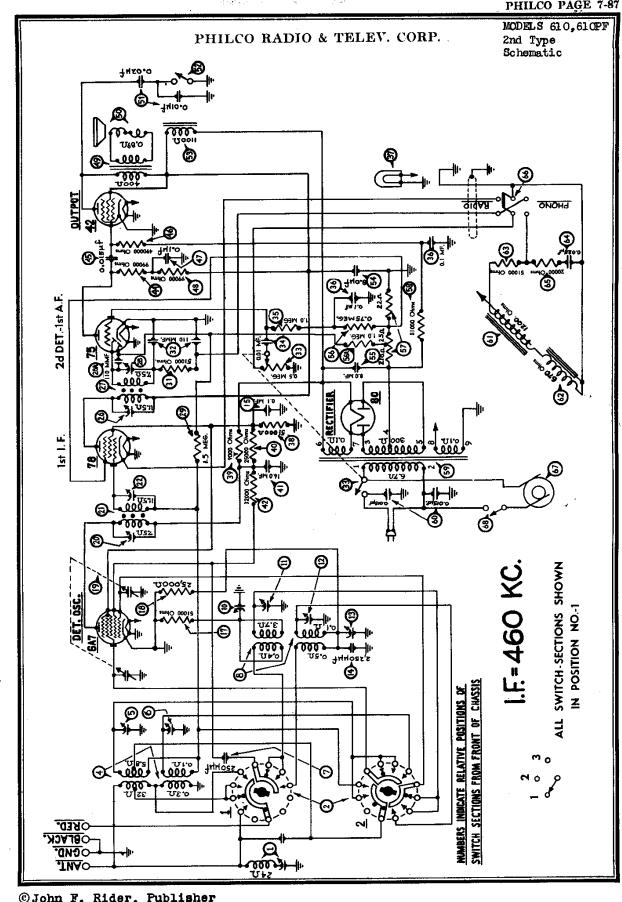
- 1. With the wave-band switch still at Position No. 1 (broadcast band), set the dial at 1600 K.C. Set the signal generator at this frequency and adjust compensators (i) and (i) for maximum output. These are the oscillator and antenna "H.F. standard" compensators respectively.
- 2. Tune the receiver and the signal generator to 600 K.C. and adjust compensator (i) (screw) for maximum output. This is the oscillator L.F. standar I compensator.
- 3. Turn the wave-band switch to the extreme right (short-wave band) and adjust the station selector to 18.0 megacycles. By means of the Philco wrench, part No. 3164, adjust the oscillator S.W., and antenna S.W. compensators for maximum reading in the output meter. These are numbered 12 and 14 respectively in figure No. 4.
- 4. Turn the tuning dial to 7.2 M.C., and adjust condenser @ osc. L.F., (S.W.) (nut) to maximum signal.

MODEL 610 Chassis,Parts

### PHILCO RADIO & TELEV. CORP.

## Replacement Parts-Model 610





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MODELS 610,610PF Changes,Parts

### PHILCO RADIO & TELEV. CORP.

### Later 1935 Production Runs

This sheet supplements the regular bulletin No. 217 on the Philco 610 and also covers the Philco Radio-Phonograph 610PF. All circuit and part number changes up to date have been included.

Beginning with run No. 9 the grid bias arrangement for the 6A7 1st detector and 78 I.F. was changed. A fixed bias from the B.C. resistor is fed through the AVC circuit to the grids of these tubes.

Beginning with run No. 11 the oscillator circuit was changed to series feed to eliminate possibilities of failure at 6.0 mc.

Beginning with run No. 14 the dial mask assembly was changed to the glowing arrow wave band indicator type.

### PARTS LIST

l									
	Description	Part No.	List Price		Description	Part No.	List Price		
0	Wavetrap	38-6777	\$1.00	€	Condenser (.1 Mfd, Tubular)		\$0.35		
3	Waveband Switch	42-1152	1.75	•	Resistor (.1 Meg.) (White, White, Yellow)		.20		
•	Antenna Transformer		1.15	•	Output Transformer	•	1.25		
<b>⑤</b>	Compensating Condenser (Antenna, Standard)			9	Cone & Voice Coil Assembly (P-27 Speaker)		.65		
		31-6047	.50	90	Condensers (in Tone Control)				
•	Compensating Condenser (Antenna, S.W.)			69	Tone Control	_	.50		
		31-6047	.50	9	Field Coil & Pot Assembly (P-27 Speaker)		2.75		
0	Condenser (.00025 Mfd. Mica)	30-1032	.20	69	Condenser (Electrolytic—8 Mfd.)		1.35		
⑧	Oscillator Transformer	32-1973	1.00	69	Resistor (750000 ohms) (Violet, Green, Yellow)	00-6023	1.33		
10	Compensating Condenser (Osc. L.F. Standard)			_	(½ Watt)	33-1203	.20		
	(Screw)	31-6027	.70	8	Condenser (Electrolytic) (8 Mfd.)		1.35		
100	Compensating Condenser (Osc. H.F., Standard)			<b>⊛</b> a	Resistor (1. Megohm) (Brown, Black, Green).		.20		
	Part of	31-6047	.50	<b>9</b>	Resistor (B.C. Wire-wound, 22 ohms, 25 ohms,				
•	Compensating Condenser (Osc. S.W., H.F. End)				210 ohms)	33-3222	.20		
(3)		31-6047	.50	8	Resistor (50000 ohms) (Green, Brown, Orange)	6098	.20		
9	Compensating Condenser (Osc. S.W., L.F. End)			•	Power Transformer (110 volts, 60 cycles)		4.00		
(4)	(Nut)		.70		(110 volts, 25 cycles)		6.25		
1	Condenser (.00225 Mfd. Mica)		.40		(230 volts, 50 cycles)		4,50		
0	Resistor (50000 ohms) (Green, Brown, Orange)		.20	0	Condenser (.015 Mfd. Twin Bakelite Block)		.40		
100	Resistor (25000 ohms) (Red, Green, Orange)		.20	<b>(1)</b>	Pickup Head		7.25		
(1)	Tuning Condenser Assembly			•	Hum Bucking Coil		1.10		
9	Compensating Condenser (1st I.F. Primary)			•	Resistor (51,000 ohm)		.20		
199	ist I.F. Transformer		1.35	•	Resistor (20,000 ohm)		.20		
@	Compensating Condenser (1st I.F. Secondary)	Part of 📵		•	Condenser (.025 mf.),		.35		
8	Condenser (.05 Mfd. Tubular)	30-4020	.35	ĕ	Phono. Radio Switch & Cable Assy		1.30		
89	Compensating Condenser (2nd I.F. Primary)	Part of @		•	Phono. Radio Motor (115 V., 60 cycles)		18.00		
❸.	2nd I.F. Transformer		1.35	•	Phono. Radio Motor Switch		.75		
98	Compensating Condenser (2nd I.F. Secondary).		****	-	Glowing Arrow Mask		.20		
₩	Resistor (2 Megs.) (Red, Black, Green)	33-1188	.20		Glowing Arrow Screen		.10		
•	Resistor (50000 ohms) (Green, Brown, Orange)	6098	.20		Mask Arm				
€	Condenser (.00011 Twin Bakelite Block)	8035-DG	.25		Link		.04		
₩ .	Volume Control & On-Off Switch	33-5106	1.45		Coupling		.10		
9	Condenser (.01 Mfd. Bakelite Block)	3903-SU	.25		Screen Bracket Assy.				
9	Resistor (1 Meg.) (Brown, Black, Green)	33-1096	.20		Dial Mask		.15		
⊗ :	Condenser (.1 Mfd. Twin Bakelite Block)	4989-DG	.40		Dial Assembly		.30		
9	Pilot Lamp	34-2039	,09		Tube Shield Body		.10		
⊗ .	Resistor (50000 ohms) (Green, Brown, Orange)	4237	.20		Tube Shield Base		.03		
⊛	Resistor (9000 ohms) (Black, White, Orange)	33-1215	.20		Four Prong Socket		.10		
₩	Resistor (25000 ohms) (Red, Green, Orange)	3656	.20		Six Prong Socket		.11		
0	Condenser (Electrolytic-16 Mfd.)	30-2118	1.65		Seven Prong Socket		.11		
€	Resistor (32000 ohms) (Orange, Red, Orange).	5279	.20		Knob (Station Selector)		.12		
•	Resistor (.1 Meg.) (Brown, Black, Green)	6099	.20		Knob (Fine Tuning)		.10		
(9	Condenser (.015 Mfd. Bakelite Block)	3793-SU	.35		Knob (Volume, Waveband and Tone Control).  Bezel		.10		
€	Resistor (.5 Meg.) (Yellow, White, Yellow)	6097	.20		Bezel Glass		.35		
ł						21-100/	.00		
1	PRICES	a anniec	T TO CHAN	VGE	WITHOUT NOTICE		1		

PHILCO RADIO & TELEV. CORP.

MODELS 29,54,60, 116(21,122)116X,610 Changes

# CHANGES IN MODELS

Since Publication of Each Service Bulletin

Grouped under each model and arranged according to date . . . All models included . . . August 1st to December 31st, 1935.

The second column on each page gives the "Run Number" of the set at the time of the change (where this information was available from our records). The Run Number is stamped on the top of the chassis with a rubber stamp and is the lefthand number in the rectangle.

The Code Number of the set is given on the chassis name plate or name label (at rear of chassis).

MODEL 29			·	MODEL 114	6 (Code	121 and 122]	)	
Approximate Date of Change	Run No.	CHA	NGES	Approximate Date of Change	Run No.		CHANGES	
11-1-35		68	w of Fig. 4 should be n base view of Fig. 4	11-1-85	::	Code 122 The grid lead near the front to run over to	t of the chass and parallel	is is changed with the end
MODEL 54						of the chassis then over Change made	to the input	transformer.
9-1-35	14	Old Part No.	New Part	Code 121, Run	No. 9 C	ode 122, Run N	о. 11	
Condenser Condenser Condenser	: 00	3793-AG 3615-BF 80 <b>35-F</b>	8793-AM 8615-BY 8035-T	Part Resistor	(Code 121)	natic No.  G (Code 122)		moved ohms) ½ watt
MODEL 60					10 8	Code 121   Code 122		
10-1-85	11	Tube Shield and T 28-2726 and 28-272 will no longer be n	ube Shield Base Nos. 5 for the 6A7 Tube	Sche Tuning Cone Dial Mask an			Old Part 31-1606 31-1575	New Part 81-1607 29-5186
Resistor @ Resistor @ Resistor @ Resistor @, @	4409 ( 4411 (	Old Part No. 14 watt) 2 meg. 14 watt) 1 meg. 15 watt) 99,000 ohms 16 watt) 70,000 ohms	New Part No. 33-1025 (14 watt) 33-1096 (14 watt) 6099 (14 watt) 33-1115 (14 watt)	12-1-35 Code 121, Run Code 122, Rur				
MODEL 11	6 (Code	121 and 122)		Input Transformer	<u> </u>	32-7447	;	82-705 <b>7</b>
8-1-35	5	broadcast band sho K. C. (1.5 M. C. on instead of 1600 K.	addition of resistor	September Ch Transformer	ange Notic	000 ohm) to @ ces indicated a rt No. of the a mpensating Cor	change in new Transform	ner is \$2-1865
		Replace Condenser	No. 6287DU @ with atter is impregnated n melting point wax.	MODEL 11	6X and 1	16B		
Remove 80-4386 (.00125 5837 (1000 o	mfd.) hms)	o. on Schematic No. or	n Schematie ode 122	8-1-35		Add bezel fr. Remove Rubb prevent micro Remove Bezel on Codes 121	phonics. Light Guard	lo. 27-4150 to
83-1114 (8000 o 80-1028 (.008 m			. 7801	MODEL 61	0			
9-1-85	9	This change made drift.	to eliminate frequency	8-1-35	7		not be neces	d Base on the sary. Remove 725.
2nd I. F. T	ransforme	Old Part No. 82-1784	New Part No. 82-1865					
		Code 122 only		10-1-85	8	and Part No	o. 33-1206 ( not be used. ]	1) ③ Resistor 20 ohms) ⑨ In eliminating
Condenser Insulator		Old Part No. 80-2011 27-7195	New Part No. 80-2069 27-7194	11-1-35		terminals from Reverse number 1 Reverse number 1 Reverse	n which it is bers ① and	e across the disconnected. Se shown in