



PHILCO

REG. U.S. PAT. OFF.

CHANGES IN MODELS

Since Publication of Each Service Bulletin



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

The following pages contain complete listings of all major changes—involving changes in circuit, part numbers or anything of interest to the serviceman—occurring within the dates mentioned above. These changes date back to the date of publication of the last printing of the Philco Service Bulletin on each model; the number of the Bulletin is given in each case for reference.

Ownership of this folder in addition to Service Bulletins, gives the serviceman a complete record on each model; thus he will not be inconvenienced at finding, when servicing a current set, that it differs from that shown in the original Service Bulletin.

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 left-hand 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 16 (Codes 126 and 127) Service Bulletin No. 205

Approximate Date of Change	Run No.	CHANGES
1-15-35	..	Shadowmeter shunt resistor ③ will be changed from Part No. 5310 (5000 ohms) to Part No. 7775 (2500 ohms). This will prevent the shadow from becoming too wide. This change will not be made in Code 125; it will however be made in Radio-Phonograph Model 500, Code 122 and 501, Code 122.

MODEL 28-CSX (Code 124)

Approximate Date of Change	Run No.	CHANGES																								
3-1-35	..	The following parts in Model 28-CSX (Code 124) will be different from the regular Model 28 furniture models (Code 122):																								
		<table border="1"> <thead> <tr> <th>No. on Diagram (Service Bulletin No. 203)</th> <th>Original Part</th> <th>Part No. in 28CSX</th> </tr> </thead> <tbody> <tr> <td>② Condenser</td> <td>8035-E</td> <td>8035-S</td> </tr> <tr> <td>② Condenser</td> <td>4989-M</td> <td>4989-AY</td> </tr> <tr> <td>② Condenser</td> <td>4989-M</td> <td>4989-AY</td> </tr> <tr> <td>④ Condenser</td> <td>3615-BU</td> <td>3615-BX</td> </tr> <tr> <td>④ Tone Control</td> <td>30-4211</td> <td>30-4314</td> </tr> <tr> <td>⑦ Tuning Condenser</td> <td>31-1366</td> <td>31-1523</td> </tr> <tr> <td>AC Cord</td> <td>L-943A</td> <td>41-3104</td> </tr> </tbody> </table>	No. on Diagram (Service Bulletin No. 203)	Original Part	Part No. in 28CSX	② Condenser	8035-E	8035-S	② Condenser	4989-M	4989-AY	② Condenser	4989-M	4989-AY	④ Condenser	3615-BU	3615-BX	④ Tone Control	30-4211	30-4314	⑦ Tuning Condenser	31-1366	31-1523	AC Cord	L-943A	41-3104
No. on Diagram (Service Bulletin No. 203)	Original Part	Part No. in 28CSX																								
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④ Condenser	3615-BU	3615-BX																								
④ Tone Control	30-4211	30-4314																								
⑦ Tuning Condenser	31-1366	31-1523																								
AC Cord	L-943A	41-3104																								

This model uses type K-27 speaker.

MODEL 29 Service Bulletin No. 195

Approximate Date of Change	Run No.	CHANGES									
3-1-35	16	Following parts changed to obtain more uniform operation from 6A7 tubes:									
		<table border="1"> <thead> <tr> <th>No. on Diagram</th> <th>Old Part No.</th> <th>New Part No.</th> </tr> </thead> <tbody> <tr> <td>① Resistor</td> <td>4516 (20000 ohms)</td> <td>5256 (45000 ohms)</td> </tr> <tr> <td>③ Condenser</td> <td>5878 (.0008 mfd.)</td> <td>5858 (.00025 mfd.)</td> </tr> </tbody> </table>	No. on Diagram	Old Part No.	New Part No.	① Resistor	4516 (20000 ohms)	5256 (45000 ohms)	③ Condenser	5878 (.0008 mfd.)	5858 (.00025 mfd.)
No. on Diagram	Old Part No.	New Part No.									
① Resistor	4516 (20000 ohms)	5256 (45000 ohms)									
③ Condenser	5878 (.0008 mfd.)	5858 (.00025 mfd.)									
3-15-35	..	Volume control on this model will now be Part No. 33-5097, instead of 33-5066 formerly used. The new control is of the grounded type (which eliminates soldering to the case).									

MODEL 29-CSX (Code 124)

Approximate Date of Change	Run No.	CHANGES																								
1-15-35	..	Parts in the Model 29-CSX which differ from those in the standard Model 29 (see Service Bulletin No. 195) are as follows:																								
		<table border="1"> <thead> <tr> <th>Part</th> <th>No. on Diagram</th> <th>Part No. in 29 (Code 121)</th> <th>Part No. in 29-CSX (124)</th> </tr> </thead> <tbody> <tr> <td>Electrolytic Condenser</td> <td>①</td> <td>Originally, 30-2020 After Run No. 9, 30-2026</td> <td>30-2014</td> </tr> <tr> <td>Tuning Condenser Ass'y</td> <td>③</td> <td>31-1290</td> <td>31-1474</td> </tr> <tr> <td>Dial Assembly</td> <td>..</td> <td>31-1208</td> <td>31-1481</td> </tr> <tr> <td>AC Power Cord</td> <td>..</td> <td>L-943A</td> <td>41-3104</td> </tr> <tr> <td>Shadowmeter</td> <td>②</td> <td>6497 (till 9-15-34)</td> <td>45-2028-M</td> </tr> </tbody> </table>	Part	No. on Diagram	Part No. in 29 (Code 121)	Part No. in 29-CSX (124)	Electrolytic Condenser	①	Originally, 30-2020 After Run No. 9, 30-2026	30-2014	Tuning Condenser Ass'y	③	31-1290	31-1474	Dial Assembly	..	31-1208	31-1481	AC Power Cord	..	L-943A	41-3104	Shadowmeter	②	6497 (till 9-15-34)	45-2028-M
Part	No. on Diagram	Part No. in 29 (Code 121)	Part No. in 29-CSX (124)																							
Electrolytic Condenser	①	Originally, 30-2020 After Run No. 9, 30-2026	30-2014																							
Tuning Condenser Ass'y	③	31-1290	31-1474																							
Dial Assembly	..	31-1208	31-1481																							
AC Power Cord	..	L-943A	41-3104																							
Shadowmeter	②	6497 (till 9-15-34)	45-2028-M																							
3-1-35	..	The following parts will be changed. The condensers and tone control which are to be used, employ high-melting-point wax in their construction, to take care of the greater heat which develops in this model:																								
		<table border="1"> <thead> <tr> <th>Part</th> <th>Old No.</th> <th>New No.</th> </tr> </thead> <tbody> <tr> <td>② Condenser</td> <td>4989-Z</td> <td>3989-AX</td> </tr> <tr> <td>② Condenser</td> <td>3793-E</td> <td>3793-AK</td> </tr> <tr> <td>④ Condenser</td> <td>3615-AW</td> <td>3615-AT</td> </tr> <tr> <td>④ Tone Control</td> <td>30-4178</td> <td>30-4313</td> </tr> <tr> <td>② Shadowmeter</td> <td>45-2028</td> <td>45-2056</td> </tr> </tbody> </table>	Part	Old No.	New No.	② Condenser	4989-Z	3989-AX	② Condenser	3793-E	3793-AK	④ Condenser	3615-AW	3615-AT	④ Tone Control	30-4178	30-4313	② Shadowmeter	45-2028	45-2056						
Part	Old No.	New No.																								
② Condenser	4989-Z	3989-AX																								
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④ Condenser	3615-AW	3615-AT																								
④ Tone Control	30-4178	30-4313																								
② Shadowmeter	45-2028	45-2056																								

MODEL 32 Service Bulletin No. 189

Approximate Date of Change	Run No.	CHANGES
5-1-35	6	The Part Number of the volume control is changed from 33-5063 to 33-5004, and the waveband switch changed from 42-1017 to 42-1123. This makes the design and connection of these parts the same as in Model 89.

MODEL 34 Service Bulletin No. 188

Approximate Date of Change	Run No.	CHANGES
2-1-35	4	R.F. choke, Part No. 32-1514 is added, connected in the 135-volt B battery lead, between the points where ② and ④ join it. This prevents oscillation in the I.F.

MODEL 38 (Code 123) Service Bulletin No. 166A

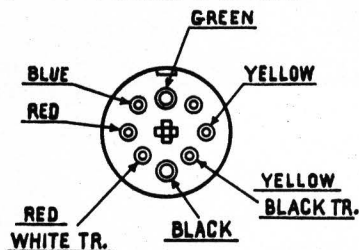
Approximate Date of Change	Run No.	CHANGES												
5-15-35	..	Change in Part No. of Dial Assembly. These models will now use the new dial scale with larger figures, consequently the Dial Assembly will carry new part numbers in each case. Old No. New No. 31-1408 31-1473												
6-1-35	10	The following Part Nos. are changed so that the new style bakelite block bypass condensers (with all lugs) are used: <table border="1"> <thead> <tr> <th>No. on Schematic</th> <th>Old Part No.</th> <th>New Part No.</th> </tr> </thead> <tbody> <tr> <td>Ⓔ</td> <td>3903-Z</td> <td>3903-SU</td> </tr> <tr> <td>Ⓕ</td> <td>7296-C</td> <td>7296-SU</td> </tr> <tr> <td></td> <td>*6287-K</td> <td>4978-HG</td> </tr> </tbody> </table>	No. on Schematic	Old Part No.	New Part No.	Ⓔ	3903-Z	3903-SU	Ⓕ	7296-C	7296-SU		*6287-K	4978-HG
No. on Schematic	Old Part No.	New Part No.												
Ⓔ	3903-Z	3903-SU												
Ⓕ	7296-C	7296-SU												
	*6287-K	4978-HG												

See original "Changes in Models" Bulletin. This part is not shown in Service Bulletin No. 166-A.

7-10-35	..	Speaker Plug Socket changed from Part No. 27-6033 to 27-6043.
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MODEL 39 Service Bulletin No. 212

2-1-35	..	Effective Jan. 15th, condenser Ⓔ, Part No. 3903-AD is changed to 3903-J, same capacity (.01 mfd.). Different lug arrangement facilitates wiring and prevents resistor shorts. Herewith is correct sketch of connections to battery cable plug. Cut in bulletin is reversed.
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MODEL 45 Service Bulletin No. 191

3-1-35	17	The following parts are changed to obtain uniform operation from 6A7 tubes: <table border="1"> <thead> <tr> <th>No. on Schematic</th> <th>Old Part</th> <th>New Part</th> </tr> </thead> <tbody> <tr> <td>Ⓔ Resistor</td> <td>4516 (25000 ohms)</td> <td>5256 (45000 ohms)</td> </tr> <tr> <td>Ⓕ Condenser</td> <td>5878 (.0008 mfd.)</td> <td>5858 (.00025 mfd.)</td> </tr> </tbody> </table>	No. on Schematic	Old Part	New Part	Ⓔ Resistor	4516 (25000 ohms)	5256 (45000 ohms)	Ⓕ Condenser	5878 (.0008 mfd.)	5858 (.00025 mfd.)
No. on Schematic	Old Part	New Part									
Ⓔ Resistor	4516 (25000 ohms)	5256 (45000 ohms)									
Ⓕ Condenser	5878 (.0008 mfd.)	5858 (.00025 mfd.)									
3-15-35	..	Effective March 15th, the volume control in this model will be Part No. 33-5097, instead of 33-5066 formerly used. The new control is of the grounded type (which eliminates soldering to the case).									

MODEL 49 Service Bulletin No. 199

1-1-35	6	The suppressor grids of the two 78 tubes (R.F. and I.F.) will be connected together and to other end of bias resistor Ⓔ from that shown in diagram. They will no longer be tied to the corresponding cathode in either case, this connection being removed. Correct Part Nos. as follows: Ⓔ Antenna Transformer, Part No. should be 32-1427 (List .90). Ⓕ Detector Transformer, Part No. should be 32-1379 (List .70). Correct Part No. of Volume Control Ⓔ is 33-5059, List \$1.45.
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MODEL 54 Service Bulletin No. 158A

Approximate Date of Change	Run No.	CHANGES
3-1-35	..	Effective March 1st, Part No. Ⓔ on schematic, bakelite block twin by-pass condenser, is changed from 8035-G to 8035-R. This is to facilitate assembly.

MODELS 54-C and 59-C—NEW DIAL Nos.

1-15-35	..	Part Nos. of the Dial Scales used in the new type cabinet for the above models are as follows: Model 54-C dial scale 27-5085 (old No. 27-5008). Model 59-C dial scale 27-5086 (old No. 27-5048 not 27-5023 as listed in Bulletin 192).
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MODEL 59 Service Bulletin No. 192

7-1-35	..	Effective this date, the new type bakelite bypass condenser will be used in this model. This will change the following parts: <table border="1"> <thead> <tr> <th>No. on Schematic</th> <th>Old Part No.</th> <th>New Part No.</th> </tr> </thead> <tbody> <tr> <td>Ⓔ</td> <td>4989-C</td> <td>4989-DG</td> </tr> <tr> <td>Ⓕ</td> <td>7762-B</td> <td>7762-EU</td> </tr> <tr> <td>Ⓖ</td> <td>7625-E</td> <td>7625-SU</td> </tr> <tr> <td>Ⓗ</td> <td>3793-R</td> <td>3793-DG</td> </tr> </tbody> </table>	No. on Schematic	Old Part No.	New Part No.	Ⓔ	4989-C	4989-DG	Ⓕ	7762-B	7762-EU	Ⓖ	7625-E	7625-SU	Ⓗ	3793-R	3793-DG
No. on Schematic	Old Part No.	New Part No.															
Ⓔ	4989-C	4989-DG															
Ⓕ	7762-B	7762-EU															
Ⓖ	7625-E	7625-SU															
Ⓗ	3793-R	3793-DG															

MODEL 60 Service Bulletin No. 164A

1-1-35	..	Change in Part No. of Dial Assembly. This model will now use the new scale with larger figures, consequently the Dial Assembly will carry a new part number. Old No. New No. 31-1090 31-1472																		
6-1-35	11	The following Part Nos. will be changed which provides use of the new type bakelite block bypass condensers with all lugs: <table border="1"> <thead> <tr> <th>No. on Schematic</th> <th>Old Part No.</th> <th>New Part No.</th> </tr> </thead> <tbody> <tr> <td>Ⓔ</td> <td>3615-AJ</td> <td>3615-DG</td> </tr> <tr> <td>Ⓕ</td> <td>8035-B</td> <td>8035-DG</td> </tr> <tr> <td>Ⓖ</td> <td>3903-AP</td> <td>3903-SU</td> </tr> <tr> <td>Ⓗ</td> <td>8035-D</td> <td>8035-EU</td> </tr> <tr> <td>Ⓙ</td> <td>3793-W</td> <td>3793-SG</td> </tr> </tbody> </table>	No. on Schematic	Old Part No.	New Part No.	Ⓔ	3615-AJ	3615-DG	Ⓕ	8035-B	8035-DG	Ⓖ	3903-AP	3903-SU	Ⓗ	8035-D	8035-EU	Ⓙ	3793-W	3793-SG
No. on Schematic	Old Part No.	New Part No.																		
Ⓔ	3615-AJ	3615-DG																		
Ⓕ	8035-B	8035-DG																		
Ⓖ	3903-AP	3903-SU																		
Ⓗ	8035-D	8035-EU																		
Ⓙ	3793-W	3793-SG																		

MODEL 66 Service Bulletin No. 197

1-1-35	..	This model now uses the "Glowing Arrow" indicator instead of the pointer, consequently the Dial Assembly carries a new part number. Old No. New No. 31-1234 31-1470
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MODEL 84 Service Bulletin No. 178

1-15-35	3	The following resistors will be changed, a 1/8-watt resistor replacing the 1/2-watt, to facilitate wiring. No change in resistance value (ohms): <table border="1"> <thead> <tr> <th>No. on Diagram</th> <th>Old No.</th> <th>New No.</th> </tr> </thead> <tbody> <tr> <td>Ⓔ</td> <td>4409</td> <td>33-1096</td> </tr> <tr> <td>Ⓕ</td> <td>4412</td> <td>33-1000</td> </tr> <tr> <td>Ⓖ</td> <td>4410</td> <td>33-1097</td> </tr> <tr> <td>Ⓗ</td> <td>4517</td> <td>6097</td> </tr> </tbody> </table>	No. on Diagram	Old No.	New No.	Ⓔ	4409	33-1096	Ⓕ	4412	33-1000	Ⓖ	4410	33-1097	Ⓗ	4517	6097
No. on Diagram	Old No.	New No.															
Ⓔ	4409	33-1096															
Ⓕ	4412	33-1000															
Ⓖ	4410	33-1097															
Ⓗ	4517	6097															
6-1-35	4	Following Part Nos. are changed. This gives use of the new type bakelite block bypass condensers (with all lugs): <table border="1"> <thead> <tr> <th>No. on Schematic</th> <th>Old Part No.</th> <th>New Part No.</th> </tr> </thead> <tbody> <tr> <td>Ⓔ</td> <td>4989-AK</td> <td>4989-DG</td> </tr> <tr> <td>Ⓕ</td> <td>7762-B</td> <td>7762-EU</td> </tr> <tr> <td>Ⓖ</td> <td>7625-H</td> <td>7625-SU</td> </tr> <tr> <td>Ⓗ</td> <td>3793-AD</td> <td>2793-DG</td> </tr> </tbody> </table>	No. on Schematic	Old Part No.	New Part No.	Ⓔ	4989-AK	4989-DG	Ⓕ	7762-B	7762-EU	Ⓖ	7625-H	7625-SU	Ⓗ	3793-AD	2793-DG
No. on Schematic	Old Part No.	New Part No.															
Ⓔ	4989-AK	4989-DG															
Ⓕ	7762-B	7762-EU															
Ⓖ	7625-H	7625-SU															
Ⓗ	3793-AD	2793-DG															

MODEL 89

Service Bulletin No. 146

Approximate Date of Change	Run No.	CHANGES
5-1-35	..	Effective May 1st waveband switch Part No. becomes 42-1123 instead of 42-1040 formerly used.
6-15-35	..	The following changes in bakelite bypass condensers will become effective this date. This provides use of the new style condensers with lugs all round:
	<u>No. on Diagram</u>	<u>Old Part No.</u> <u>New Part No.</u>
	ⓐ	8322-B 36-15XG
	ⓑ	8035-C 8035-DG
	ⓒ	3903-AB 3903-SU
	ⓓ	3903-T 3903-SU
	ⓔ	3793-E 3793-DG
	ⓕ	4989-AH 4989-DG

See "Changes in Models" Bulletin.

MODEL 116-B (Code 121)

Service Bulletin No. 222

Approximate Date of Change	Run No.	CHANGES
7-1-35	..	Change in Bezel and Bezel-Glass Part Nos. New Bezel Part No. 28-3165; Bezel-Glass Part No. 27-8011. Both parts must be changed.
7-5-35	6-1	Remove condenser ⓐ 30-1028 (.003 mmf.) on tone control and replace with 30-1057 (.0022), also 30-4169 (.01) and replace with 30-4334 (.004 mmf.). This change made to decrease the "high" cut on the control.
7-10-35	7 & 5	Replace speaker socket No. 27-6033 with No. 27-6043. Code 121 and 122

MODEL 116-X (Code 122)

Service Bulletin No. 222A

Approximate Date of Change	Run No.	CHANGES
7-1-35	..	Change in Bezel and Bezel-Glass Part Nos. New Bezel Part No. 28-3165; Bezel-Glass Part No. 27-8011. Both parts must be changed.
7-5-35	3-1	Remove condenser ⓐ 30-1028 (.003 mmf.) on tone control and replace with 30-1057 (.0022), also ⓑ 30-4169 (.01) and replace with 30-4334 (.004 mmf.). Same reason as above given under 116-B.
7-10-35	..	Replace speaker socket No. 27-6033 with No. 27-6043.
	..	Correct Part No. of (108) Pilot Lamp is 34-2039, List \$0.15.

MODEL 144

Service Bulletin No. 193

Approximate Date of Change	Run No.	CHANGES
2-1-35	3	(Code 125), a change in the shadowmeter circuit was made to improve the operation of the shadowmeter. Referring to the schematic, the upper end of the shadowmeter is no longer connected to ⓐ resistor but only to ⓑ second I.F. transformer primary and also to the primary of ⓓ first I.F. transformer. The lead from resistor ⓐ now goes to lower end of shadowmeter only. A connection must then be made from the lower end of ⓐ resistor to the junction of ⓐ, ⓑ resistor and ⓔ condenser, to complete the circuit. The shadowmeter used will now be 45-2028 and an 8000-ohm resistor (33-1114) will be connected across it to prevent too wide a shadow.
2-1-35	3	(Code 125), the following change was made to improve stability of operation: The .25 mfd. section of ⓔ bypass, which has been used as cathode bypass on the 6A7 tube, is now used as cathode bypass on the ⓓ first I.F. tube. A .25 mfd. tubular condenser (30-4146) is added, as bypass for the 6A7 cathode. The cathode bypass on the ⓓ first I.F. previous to this change was a .05 mfd. tubular condenser (in Code 125); in Code 121 it was a section of the ⓔ bypass block as shown in schematic, Bulletin 193. These changes also apply to Model 506, Code 122, Radio-Phonograph.

MODEL 144 (Continued)

Approximate Date of Change	Run No.	CHANGES
5-1-35	..	Effective April 15th the center tap is removed from the filament winding on the power transformer. If a hum is experienced in reception, connect a 20-ohm wirewound resistor across the filament winding, with center tap of resistor grounded.
	..	Correct Part No. of Dial Assembly of Model 144, Code 125 is 31-1364.

MODEL 200

Service Bulletin No. 201

Approximate Date of Change	Run No.	CHANGES
	..	Referring to Note at bottom of Schematic Diagram on page 2, the Part No. of the 8000 ohm resistor should be 33-1114 (instead of 33-3016).

MODELS 201 and 509

Service Bulletins No. 209 and 209A

Approximate Date of Change	Run No.	CHANGES
2-1-35	5	Correct I.F. of these sets, as shown on Fig. 2 (schematic) to read "260 K.C." (instead of 460 K.C. which is incorrect). The following parts are changed to eliminate possibility of harmonic interference:

No. on Diagram	Part	Old Part No.	New Part No.
ⓐ	Condenser (.09 mfd.)	4989-D	4989-N
ⓑ	Condenser (.03 mfd.)	8318-J	30-4145
		(originally 30-4025)	(.01 mfd. tubular)

Approximate Date of Change	Run No.	CHANGES
2-1-35	3	The fibre panel assembly under the chassis, carrying five tubular condensers, was removed, and separate bakelite bypass condensers substituted. The following part numbers are changed:

No. on Diagram	Part	Original No.	New Part No.
ⓐ	Condenser (.05 mfd.)	30-4020	3615-BC
ⓑ	Condenser (.05 mfd.)	30-4020	3615-AM
ⓒ	Condenser (.05 mfd.)	30-4020	(.05 mfd. twin)
ⓓ	Condenser (.02 mfd.)	30-4113	8318-H
ⓔ	Condenser (.03 mfd.)	30-4025	(.03 mfd. tw)
ⓕ	Condenser (.03 mfd.)	30-4025	8318-J

MODEL 610

Service Bulletin No. 217

Approximate Date of Change	Run No.	CHANGES
6-1-35	..	Wave Trap ⓐ is changed from Part No. 38-6777 to 38-6850, list price \$1.10.
7-1-35	..	(610-B) Change in Bezel and Bezel-Glass Part No. New Bezel Part No. 28-3163; Bezel-Glass Part No. 27-7887. Both parts must be changed.
7-1-35	..	(610-F) Change in Bezel and Bezel-Glass Part Nos. New Bezel Part No. 28-3164; Bezel-Glass Part No. 27-8007. Both parts must be changed.
7-1-35	..	Replace Part No. 32-1670 oscillator transformer with Part No. 32-1831 identified by red paint on bracket.
	..	Correct price of ⓐ Volume Control and on-off switch is \$1.45 (instead of \$0.85 as listed).
	..	Correct Part No. of Bezel is 28-2928. Part No. of Waveband Switch Knob is 27-4219. This is the knob with the gold-finished pointer.
	..	Under "Adjusting Compensating Condensers," on page 4, under paragraph "3" in right hand column: Signal generator must be set at 18.0 M.C. when making this adjustment. Under paragraph 4, signal generator must be set at 7.2 M.C. when making this adjustment. Illustration of compensating condensers on page 1, should be numbered "Fig. 4."

MODEL 620-B and F Service Bulletin No. 218

Approximate Date of Change	Run No.	CHANGES
7-1-35	..	Change in Bezel and Bezel-Glass Part Nos. New Bezel Part No. 28-3163 (620-B); Bezel-Glass Part No. 27-7887 (620-B). New Bezel Part No. 28-3164 (620-F); Bezel-Glass Part No. 27-8007 (620-F). Both parts must be changed.
6-15-35	..	Correct Part No. of Power Transformer, 230 volts 50 cycles is 32-7383.

MODEL 630 Service Bulletin No. 219

Approximate Date of Change	Run No.	CHANGES
6-15-35	..	Correct Part No. of Power Transformer, 230 volts 50 cycles, is 32-7383. (630-B) (630-X)
7-1-35	..	Change in Bezel and Bezel-Glass Part Nos. New Bezel Part No. 28-3164; Bezel-Glass Part No. 27-8008. Both parts must be changed.
7-10-35	..	Replace speaker socket No. 27-6033 with No. 27-6043.

MODEL 640 Service Bulletin No. 221

Approximate Date of Change	Run No.	CHANGES
7-1-35	..	Part © in Parts List (Page 3) should read Pilot Lamp (dial) 34-2064, List \$0.09.
7-1-35	..	Change in Bezel and Bezel-Glass Part Nos. New Bezel Part No. 28-3164; Bezel-Glass Part No. 27-8010. Both parts must be changed.
7-1-35	2	New type I.F. transformers having high-melting point wax, will be used. This changes the following Part Nos.: Old No. New No. 1st I.F. transformer 32-1711 32-1835 2nd I.F. transformer 32-1712 32-1836
7-10-35	6	Replace speaker socket No. 27-6033 with No. 27-6043.

MODEL 650 Service Bulletin No. 221

Approximate Date of Change	Run No.	CHANGES
7-1-35	..	Change in Bezel and Bezel-Glass Part Nos. New Bezel Part No. 28-3164; Bezel-Glass Part No. 27-8010. Both parts must be changed.
7-1-35	4	New type I.F. transformers having high-melting point wax, will be used. This changes the following Part Nos.: Old No. New No. 1st I.F. transformer 32-1711 32-1835 2nd I.F. transformer 32-1712 32-1836
7-10-35	10	Replace speaker socket No. 27-6033 with No. 27-6043. (Code 121).
7-12-35	9	Replace I.F. transformer No. 32-1835 with 32-1917 and condenser No. 3615-DU with No. 3615-DG. This transformer identified by black spot on top of the can.

MODEL 660 Service Bulletin No. 223

Approximate Date of Change	Run No.	CHANGES
7-10-35	..	Replace speaker socket No. 27-6033 with No. 27-6043.

ALL MODELS Recent Service Bulletins

Approximate Date of Change	Run No.	CORRECTION
.....	..	Voltage given for 6A7, "G 3 & 5," is voltage on oscillator plate which is properly G2. "g 3 & 5" is the screen grid of the 6A7 which receives the same voltage as the I.F. tubes in most of the sets.

★
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