

PHILCO RADIO MODEL 50-526

Model 50-526 is similar to Models 50-522 and 50-524. It is housed in a new phenolic-plastic cabinet.

The service information for Models 50-522, 50-522-I, and 50-524 applies to Model 50-526, with the exceptions given below.

SCHEMATIC DIAGRAM

A pilot lamp, I100, is added, between pin 2 and pin 3 of the 35Z5GT rectifier tube.

A 68-ohm resistor, R304, is added, in the cathode line of the 12BA6 i-f amplifier. This resistor is connected from pin 7 of the 12BA6 to pin 7 of the 14B6.

R301, the grid-return resistor, is changed in value to 1 megohm.

REPLACEMENT PARTS LIST

The replacement parts list for Models 50-522, 50-522-I, and 50-524 applies to Models 50-526, except for the differences indicated below.

Reference Symbol	Description	Service Part No.
I 100	Pilot lamp, 6—8 volt, brown bead	34-2068
R301	Resistor, grid return, 1 megohm	66-5108340*
R304	Resistor, cathode bias, 68 ohms	66-0688340*
R305	Resistor, a-v-c load, 1 megohm	66-5108340*
Z300	Transformer, 1st i-f	32-4160-6A
Z301	Transformer, 2nd i-f	32-4240-2A
LA400	Loop aerial	32-4052-38

MISCELLANEOUS

Description	Service Part No.
Cabinet	10769
Back	54-7911
Baffle-and-cloth ass'y.	40-7778
Baffle, speaker	54-7761

Description	Service Part No.
Dial backplate	76-5157
Dial scale, glass	54-5069
Grille, plastic	54-4728-1
Knob (2 required)	54-4718-2
Pointer	56-5630-14
Hairpin fastener, drive shaft	57-1468FA3
Pilot-lamp-socket ass'y.	27-6233-6
Clip, pilot-lamp mtg.	56-3545-6FA3
Scale strap, l.h.	56-7373FA3
Scale strap, r.h.	56-7373-1

PRODUCTION CHANGES

Code 121, Run 2

To improve performance, the tuning gang, C400, was changed, and the fixed oscillator trimmer, C402, was removed. The new part number for C400 is 31-2751.

Code 121, Run 3

To increase sensitivity, R301 was removed.

Code 121, Run 4

To increase sensitivity, a 1-megohm resistor, Part No. 66-5108340, was added, as an a-v-c voltage divider, from pin 5 of the 14B6 to B-.

Code 121, Run 5

Change made to facilitate production.

Code 122, Run 1

The 35Z5GT tube was replaced by a 35Y4, and the 50L6GT was replaced by a 50C5, with the necessary wiring changes.