

PHILCO RADIO-PHONOGRAPH

MODELS 50-1421 AND 50-1422

The service information for Model 50-1420 applies to Models 50-1421 and 50-1422, with the exceptions given below.

Model 50-1421 uses an M-9C record changer, while Model 50-1422 uses an M-20 changer.

The value of C100 is .04 μ f., Part No. 45-3500.

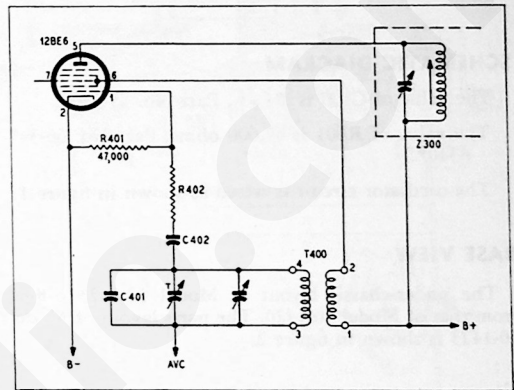
The value of C204 is .004 μ f., Part No. 61-0179.

The value of R205 is 56,000 ohms, Part No. 66-356-8340*.

The value of R306 is 82 ohms, Part No. 66-0828340*.

The value of R401 is 47,000 ohms, Part No. 66-347-8340*.

The oscillator circuit is wired as shown in the accompanying diagram.



TP9-1066

Figure 1. Oscillator Circuit of Philco Radio-Phonograph Models 50-1421 and 50-1422

REPLACEMENT PARTS LIST

The replacement parts list for Model 50-1420 applies to Models 50-1421 and 50-1422, except for the differences indicated below:

Reference Symbol	Description	Service Part No.
LS200	Loud-speaker, p.m.	36-1629
R200	Volume control (with power on-off switch), 2 megohms, tapped at 1 megohm	33-5564-3
LA400	Loop aerial, 50-1421 only	32-4375-1
C400	Condenser, tuning gang	31-2751-3

MISCELLANEOUS

Description	Service Part No.
Baffle- and cloth ass'y.	40-7679-1
Bottom cover	54-7745-3
Cabinet	10734-B
Changer mtg. spring 50-1422 only (3 required)	56-7059FA9

MISCELLANEOUS (Cont.)

Description	Service Part No.
Changer mtg. spring, 50-1422 only (3 required)	56-7059-1FA9
Drive shaft	76-4477-1
Pointer	56-7001-1FCP
Radio-phono switch	42-1847-2

CRITICAL LEAD DRESS INFORMATION

The inside loop lead must be wired to the aerial section of C400, and the outside lead to the gang frame.

To prevent audio regeneration, the green lead from pin 1 of the 6A4Q5 tube to the wiring panel must have excess wire dressed toward the 6A4Q5 socket, and away from C203 and the blue lead of T200.