



# PHILCO



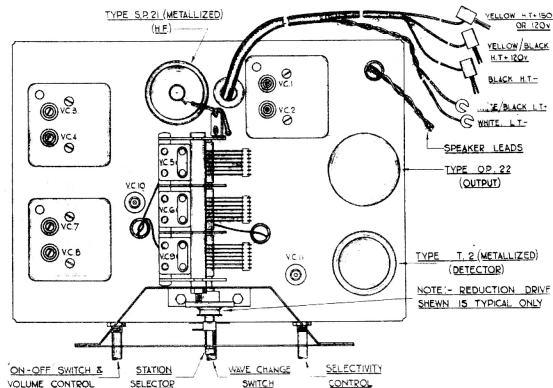
## Radio Service Bulletin No. 57a

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Run 2 Models are similar to Run 1 Models (dealt with in Service Bulletin No. 57) except as follows:—

### Model P-337 (Run 2)

**POWER SUPPLY:** Provision is made for using either a 150 volts H.T. Battery of the type specified for Run 1 Models, or any good standard 120 volts H.T. Battery of similar dimensions. When the former type is used, the plug attached to the yellow wire with black tracer should be plugged into H.T. +120 volts, and the plug attached to the yellow wire should be plugged into H.T. +150 volts; but when the 120 volts battery is used, the plug attached to the yellow wire should be plugged into H.T. +120 volts and the plug attached to the yellow wire with the black tracer should be connected to the socket in the plug attached to the yellow wire. The remaining connections are made as for Run 1 Models.



TOP CHASSIS LAYOUT.

Valve socket readings to chassis taken with an 065 or 077 Philco Set Tester, using the 250 and 10 volts ranges. Volume and selectivity controls at minimum, wave-change switch in M.W. position, and no aerial connected. The first readings are for 150 volts battery and the second readings for 120 volts battery.

TABLE I - VOLTAGES.

POSITION.	VALVE.	SCREEN.	ANODE.	BIAS.
H.F. Amplifier, S.1	S.P.21 (Met.)	Pin 7. 145 v. or 116 v.	Cap. 130 v. or 105 v.	Pin 2. -1.2 v.
Detector, S.3 .. ..	T.2 (Met.)	—	Pin 1. 60 v.	—
Pentode Output, S.2	O.P.22	Pin. 5. 145 v. or 116 v.	Pin 1. 140 v. or 110 v.	-5 v.* or -4 v.*

\* Bias measured between C.1 tag 2 and chassis.

Filament voltage for each valve, 2 volts.

Table 2 and Alignment Procedure are the same as for Run 1 Models. Revised diagrams showing the changes for Run 2 Models are appended.

### PARTS AND PRICE LIST - MODEL P-337 (RUN 2).

Same as for Run 1 except as follows:—

Remove:—

REF. NUMBER.	DESCRIPTION.	PART NUMBER.	LIST PRICE.
C.5 .. .. .	Tubular Condenser, .01 mfd. .. .. .	30-4124	s. d. 6
.. .. .	Tubular Condenser, .5 mfd. .. .. .	30-4227	1 3
C.7 .. .. .	Tubular Condenser, .003 mfd. .. .. .	30-4042	7
R.4 .. .. .	¼ watt Insulated Resistor, 51,000 ohms .. .. .	330-2004	9
	Battery Cable, LO-1059 .. .. .		
	Yellow Plug, H.T. +150 v., 380-5315 .. .. .	Complete Assembly 410-3016	3 0
	Brown Plug, H.T. +140 v., 380-5316 .. .. .		
	Black Plug, H.T. - 380-5226 .. .. .		
	Spade Tag, 280-1012 .. .. .		

Add:—

REF. NUMBER.	DESCRIPTION.	PART NUMBER.	LIST PRICE.
C.5 .. .. .	Tubular Condenser, 1 mfd. .. .. .	300-4006	s. d. 1 9
C.7 .. .. .	Tubular Condenser, .001 mfd. .. .. .	30-4310	6
R.4 .. .. .	¼ watt Carbon Resistor, 32,000 ohms .. .. .	33-1208	9
.. .. .	½ watt Carbon Resistor, 32,000 ohms .. .. .	5279	9
R.7 .. .. .	¼ watt Carbon Resistor, 180 ohms .. .. .	330-1025	9
	Battery Cable, LO-1059 .. .. .		
	Special Yellow Plug, 380-5486 .. .. .	Complete Assembly 410-3025 or 410-3026	
	Yellow Plug, H.T. +120 v., 380-5225 .. .. .		
	Black Plug, H.T. - 380-5226 .. .. .		
	Spade Tag, 280-1012 .. .. .		

ABOVE PRICES DO NOT APPLY IN I.F.S.