



PHILCO



Radio Service Bulletin No. 42a.

Published by the Philco Radio & Television Corporation of Great Britain, Ltd., Perivale, Greenford, Middlesex

Model 269—Runs 3 & 4.

The general description, Table 1—Voltages, and Table 2—Resistances of Coils, are the same as for Runs 1 and 2 Models as set out in Radio Service Bulletin No. 42. Runs 3 and 4 Models incorporate a trimming condenser in the L.W. Aerial Coil Secondary circuit instead of the fixed condenser (C9) which is used in Runs 1 and 2 Models.

In Runs 3 and 4 the Radiogram Models incorporate a .01 mfd. condenser (C12) and a ¼ watt resistor (R13) joined in series across the pick-up leads at tags 1 and 11 of S.W.3.

In later Models a .1 mfd. condenser (Part No. 30-4170) is connected in parallel with the electrolytic condenser EC 1-2.

On the under chassis diagram it should be located between S3 and VR1. One connection is taken to TB2 tag 2 and the other to the earth lug G2.

ALIGNMENT PROCEDURE.

This is the same as for Runs 1 and 2 Models as set out in Radio Service Bulletin No. 42, except for the last part which is as follows:—

LONG WAVES: Turn wave change switch to L.W. (counter clockwise rotation). Set gang condenser at 290 Kc. Feed in a signal of 290 Kc. and trim VC3 (nut) and VC10 in that order, for maximum output.

Feed in and tune a 160 Kc. signal. Rock gang and pad VC2 (nut) for maximum output. Readjust VC3 (nut) and VC10 at 290 Kc. and VC2 (nut) at 160 Kc. until no further gain can be obtained.

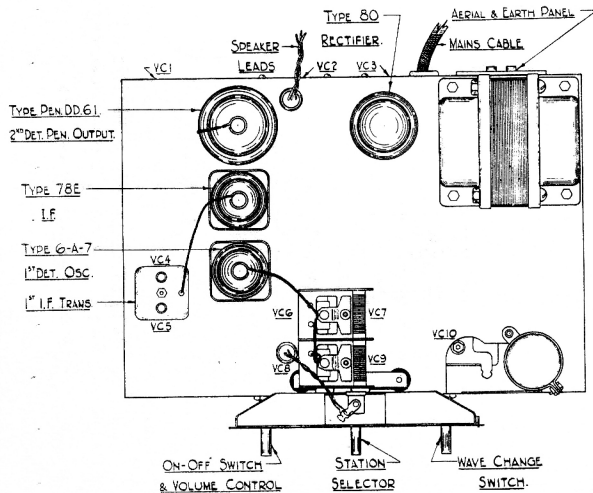
Check calibration.

TABLE 3—PARTS AND PRICE LIST.

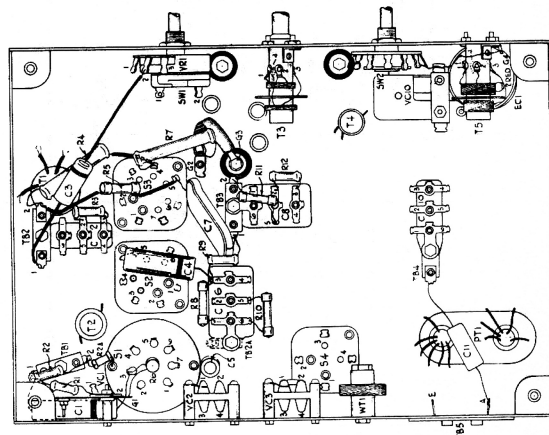
Same as for Runs 1 and 2 Models as set out in Radio Service Bulletin No. 42, except as follows:—

Delete:—		Ref. No.	Description.	Part No.	List Price.
	VC1	Single Padder 5-50 mmfd.	- - -	310-6011	s. d. 1 0
	C9	Mica Condenser 50 mmfd.	- - -	300-1014	7

Add:—		Ref. No.	Description.	Part No.	List Price.
	VC1	Single Padder 15-80 mmfd.	- - -	310-6013	s. d. 1 0
	VC10	Single Padder 15-80 mmfd.	- - -	310-6013	1 0
	C12	Tubular Condenser .01 mfd.	- - -	30-4124	6
	R13	¼ watt Carbon Resistor, 51,000 ohms	-	6098	9

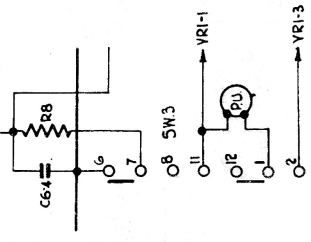
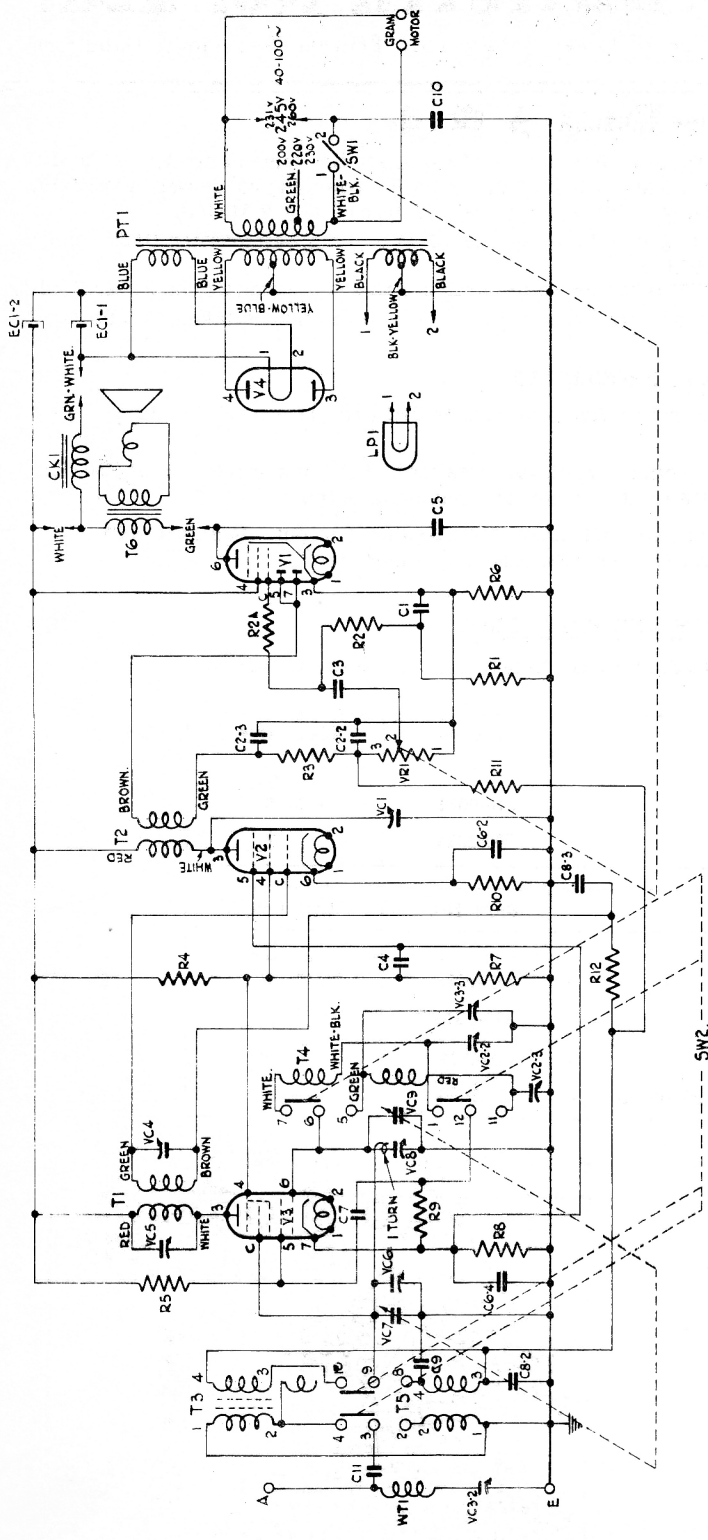


TOP CHASSIS DIAGRAM.

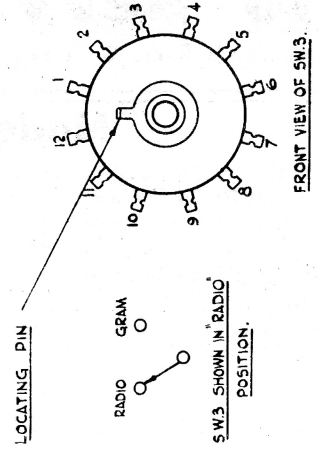
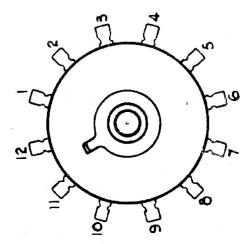
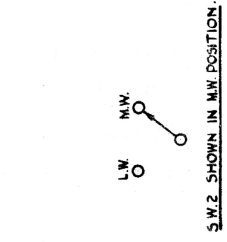


NOTE: TD 24 ON MODEL 269RG ONLY

LOWER CHASSIS DIAGRAM.



NOTE :-
 REVISED WIRING OF R8 & ADDITION
 OF SW3, & GRAM. MOTOR CONNECTIONS
 ON MODEL 269 RADIO-GRAM. ONLY.



FRONT VIEW OF SW2.
 CHASSIS BEING UPSIDE DOWN.

MODEL 269. CIRCUIT DIAGRAM.