



PHILCO

News Flash

August 25, 1937

TO ALL PHILCO SERVICEMEN:

We are enclosing a preliminary schematic diagram and listing below the R.F. compensator adjustment procedure for Model 38-116, Code 125. This information is sent you in advance of the service bulletin which will follow shortly.

Model 38-116, Code 125, differs from Model 38-116, Code 121 in the R.F. unit as will be seen on the enclosed diagram. The I.F. Audio and Output circuits are the same in both codes.

The adjustment of the I.F. and Magnetic Tuning circuits in Code 125 is the same as that given in the Service Bulletin No. 286 for Model 38-116, Code 121, with the exception that the output lead is connected to the 6A8G grid instead of the 6L7G tube as given under "Intermediate Frequency Circuits", part "2", section "b".

R.F. COMPENSATOR ALIGNMENT

Frequency Coverage - Tuning Ranges

Range 1 - 530 to 1600 K.C.

Range 2 - 1.58 to 4.75 M.C.

Range 3 - 4.7 to 7.4 M.C.

Range 4 - 7.35 to 11.6 M.C.

Range 5 - 11.5 to 18.2 M.C.

Set the Selectivity Fidelity Control (clockwise); Volume Control at maximum (clockwise); Magnetic Tuning Switch (off); Base Compensation Switch (first position from off). With these controls set in this manner, the range switch, signal generator and receiver dials are set as given in the following procedure.

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