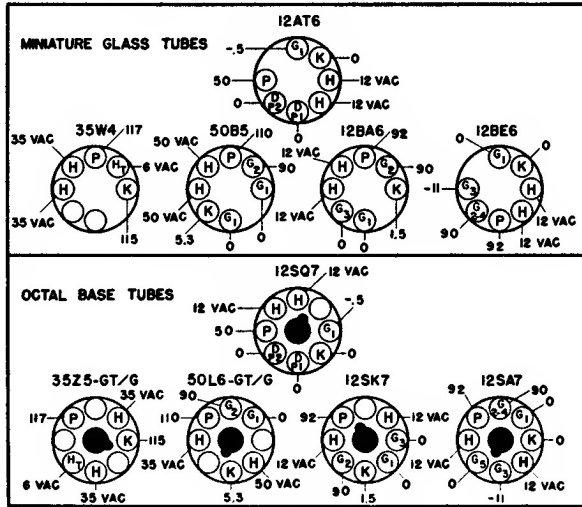


Packard-Bell

SERVICE DATA . . . MODEL 5DA

All D.C. voltages measured with a vacuum tube volt-meter from socket contacts to ground buss.—A.C. voltages measured with a 1000 ohms per volt A.C. meter from socket contacts to ground buss.*—Volume Control maximum.—No signal.—117 volts A.C. line voltage.—All voltages shown are positive D.C. unless otherwise noted.
 *NOTE: Filament voltages should be measured across the filament of the tube.



*R1-1, 220,000 ohm resistor, is used only in sets utilizing metal, octal base tubes.

ALIGNMENT PROCEDURE

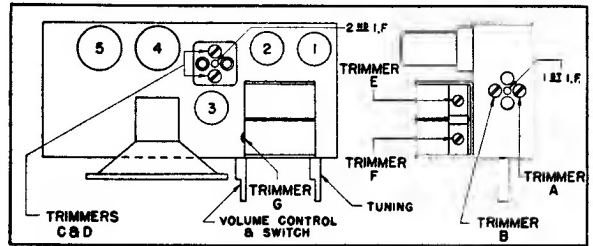
Alignment Procedure consists of the four steps outlined in the Alignment Procedure Chart.

For Step No. 1, I.F. Alignment, connect the leads of a test oscillator to the mixer grid and the ground buss through an .01 Mfd. capacitor (dummy load). Upon completion of this step "Rock" the variable condenser to assure that the I.F.s have been aligned to the correct frequency. Output should remain constant at any setting of the variable condenser.

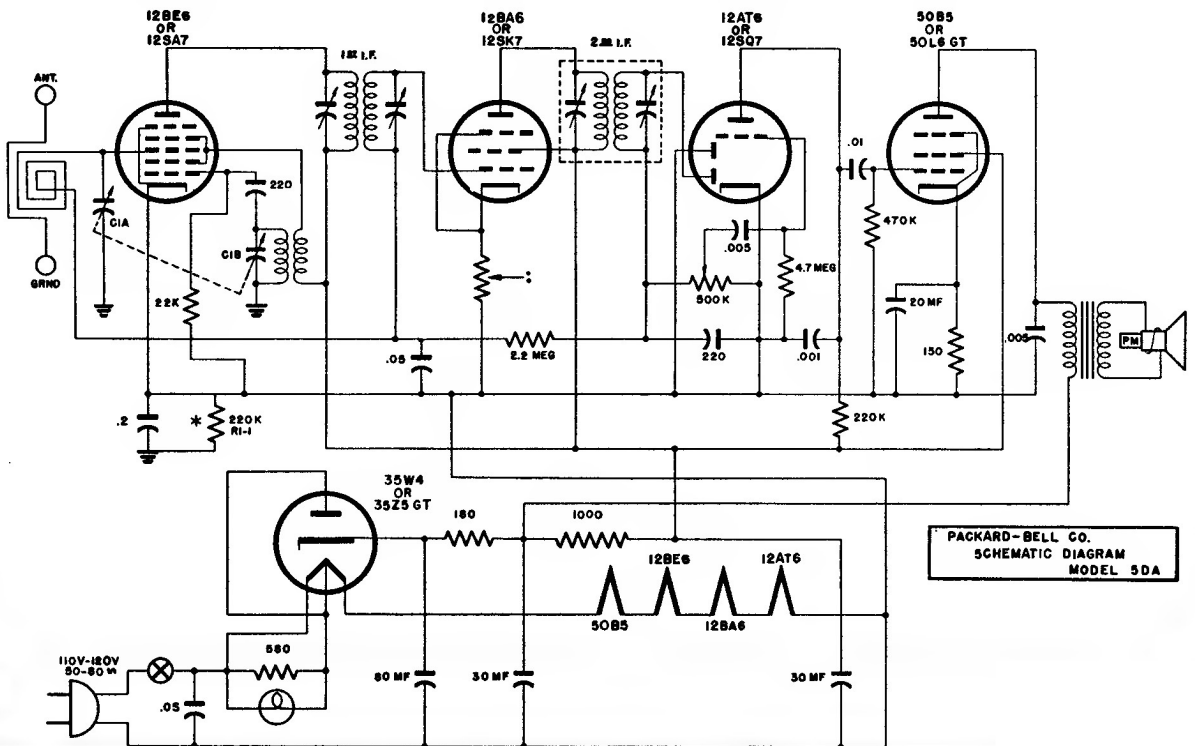
ALIGNMENT CHART

STEP	CONNECT TEST OSC. TO	TEST OSC. SETTING	POINTER SETTING	ADJUST FOR MAX. OUTPUT
1	Mixer Grid & Grd. .01 Mfd. Cap.	455 KC	540 KC	Trimms A, B, C, & D
2	Standard* Test Loop	1740 KC	1740 KC	Trimmer E to 1740 KC
3	Standard* Test Loop	1500 KC	1500 KC	Trimmer F
4	Standard* Test Loop	600 KC	600 KC	Loop

*NOTE: Hazeltine Standard Test Loop No. 1150 or a reasonable substitute.



*180 ohm 1/2 watt resistor used for sets employing miniature glass tubes.



PACKARD-BELL CO.
SCHEMATIC DIAGRAM
MODEL 5DA