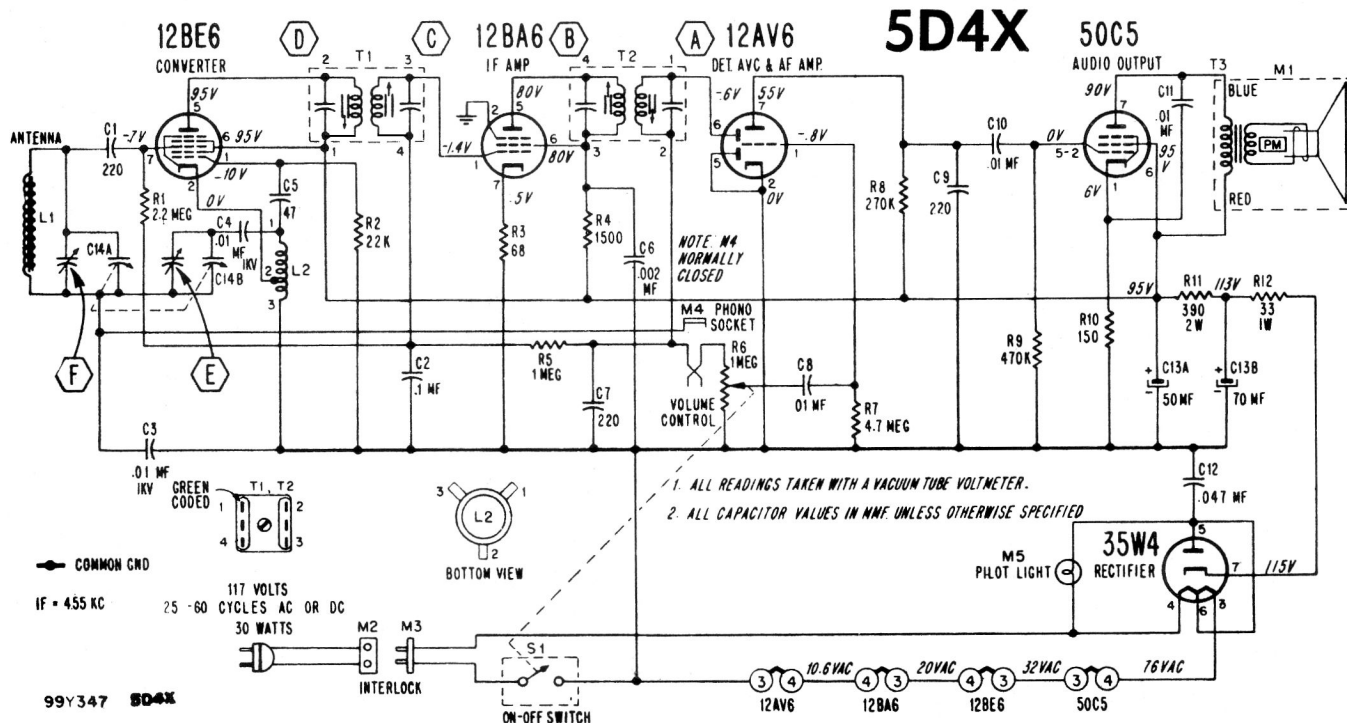
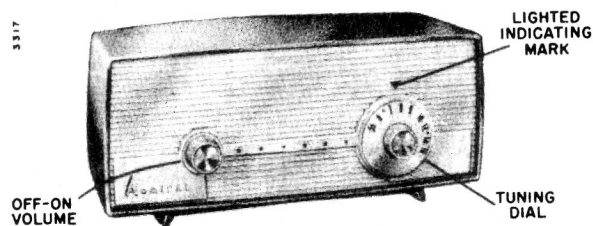
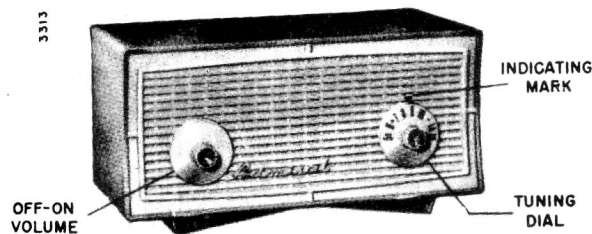


# 5B4X



### ALIGNMENT PROCEDURE

- Use an isolation transformer if available; otherwise, connect a .1 mfd. capacitor in series with low side of signal generator and connect to common ground (see figure 2).  
Caution: Do not connect a ground wire to common ground.
- Set volume control full on.
- Connect output meter across speaker voice coil.
- Use lowest setting of signal generator capable of producing adequate indication on lowest scale of output meter.
- Use a non-metallic alignment tool with a blade 3/32" wide for aligning IF transformers.
- Repeat adjustments to insure good results.

STEP	CONNECTION OF SIGNAL GENERATOR	SIGNAL GENERATOR FREQUENCY	RECEIVER GANG SETTING	ADJUSTMENT
1	Through a .1 mf capacitor to stator, Antenna section of gang tuning capacitor	455 KC	Gang fully open	"A", "B", "C" and "D" for maximum output
2	Same as "STEP 1"	1620 KC	Gang fully open	"E" for maximum output
3	Radiated Signal. Loop of several turns of wire, or place generator lead close to receiver loop for adequate signal pickup.	1400 KC	Tune in on generator signal	"F" for maximum output

\*Adjustments "B" and "C" made from underside of chassis; see figure 2.

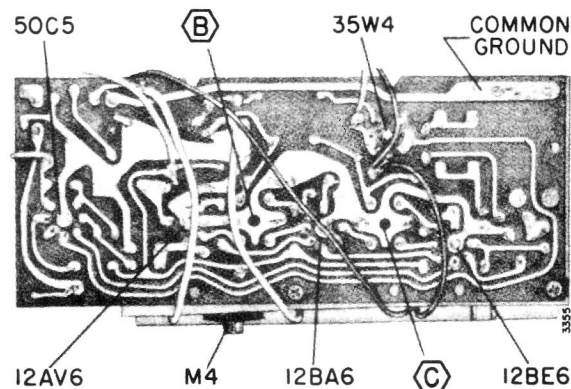


Figure 2. Bottom View of 5D4X Chassis Showing Alignment Points and Tube Locations. 5B4X chassis has same location for tubes and alignment points. Common ground is also the same.

### SERVICING

To simplify circuit tracing, meter measurements, component identification, and alignment; refer to figures 2, 3 and 4.

Figure 2, refers to the foil side of the printed circuit board. It shows alignment points, tube locations, and location of the common ground line.

Figures 3 and 4, refer to the 5B4 and 5D4 chassis respectively.

Figures 3 and 4 show the location of all resistors, capacitors, coils and transformers.

To further simplify parts identification and location, schematic symbol numbers are printed adjacent to respective components on the printed circuit board.

Refer to Service Manual S559 "Printed Circuits, Service and Repair" available from your Admiral distributor for further general service and repair information of printed circuit wiring.

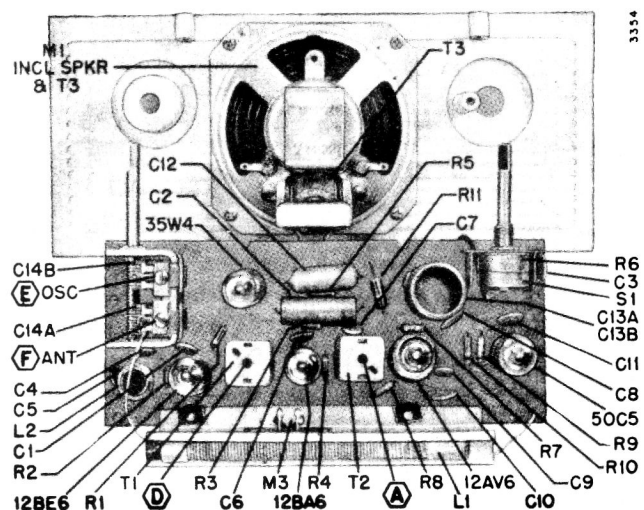


Figure 3. Top View of 5B4X Chassis Showing Location of Components and Alignment Points.

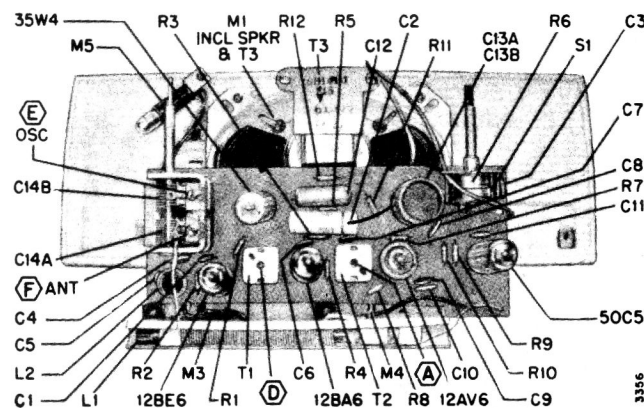


Figure 4. Top View of 5D4X Chassis Showing Location of Components and Alignment Points.