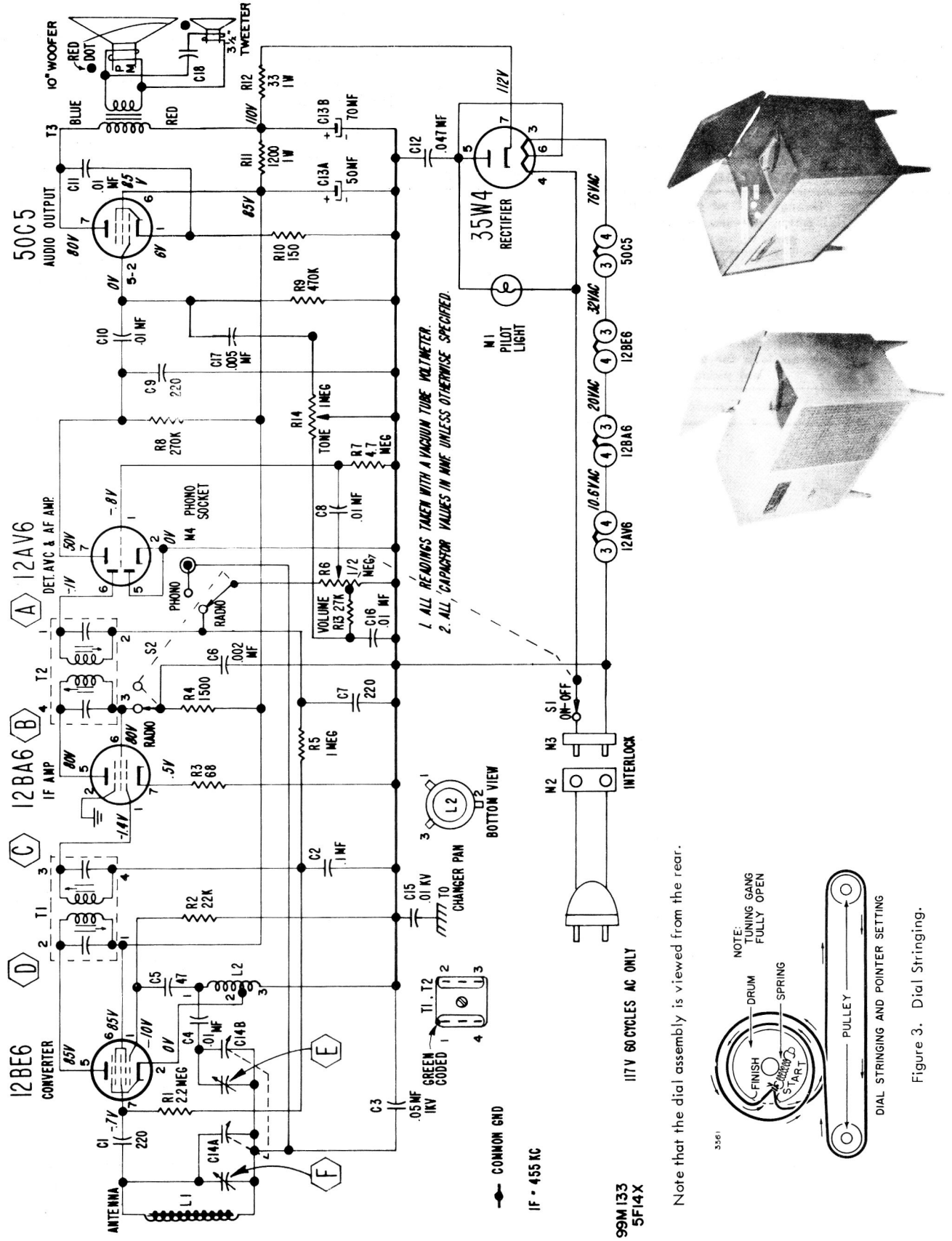

Note that the dial assembly is viewed from the rear.

DIAL STRINGING AND POINTER SETTING

Figure 3. Dial Stringing.

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.

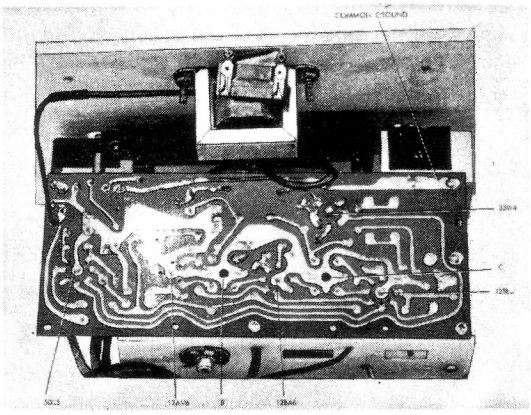

Figure 1. Bottom View of Chassis. Location of tubes and alignment points shown.

VOLTAGE DATA:

Voltages shown on schematic diagram

* All readings made between tube socket terminals and common ground; see figure 1.

* Dial turned to low frequency end; volume control at minimum.

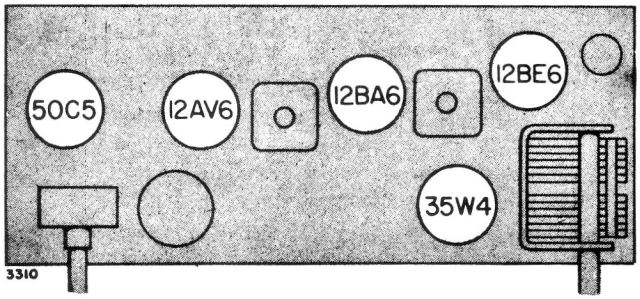

Figure 5. Tube Locations.

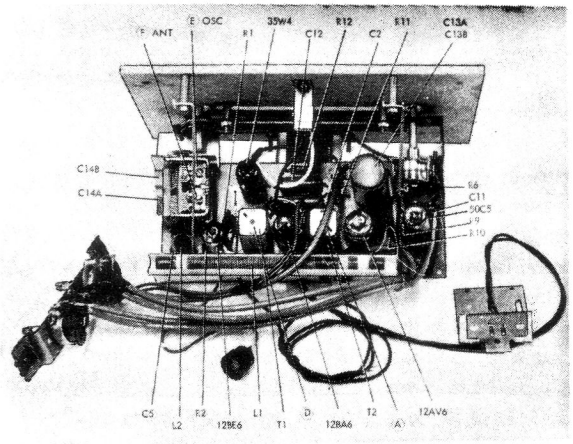

Figure 2. Top View of Chassis. Location of components and alignment points shown.

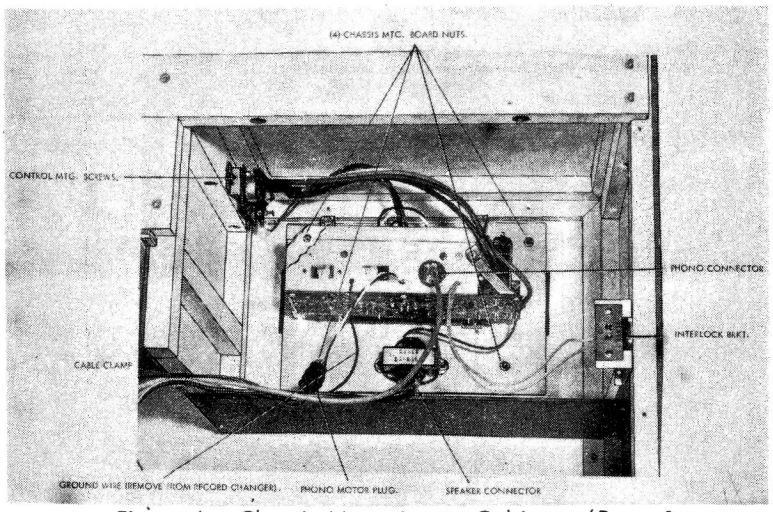

Figure 6. Chassis Mounting to Cabinet. (Part of Chassis cut out to show mounting nuts).