

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.

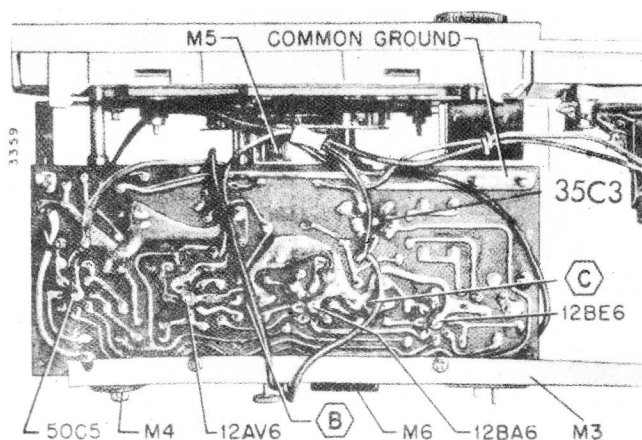


Figure 2. Bottom View of Chassis. Location of tubes and alignment points shown.

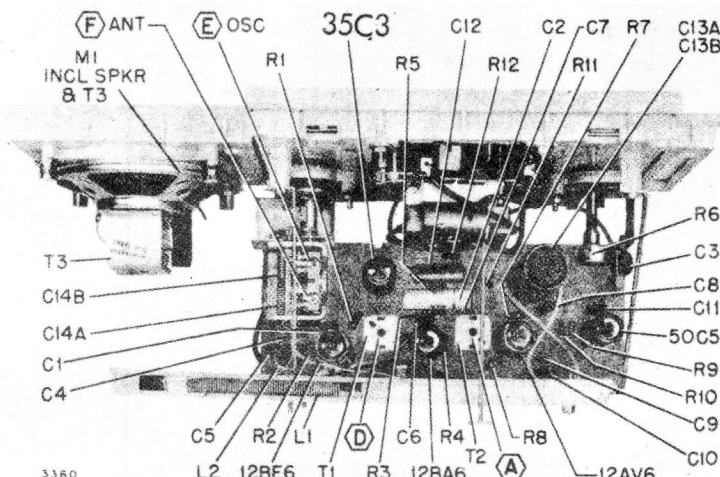


Figure 4. Top View of Chassis. Location of components and alignment points shown.

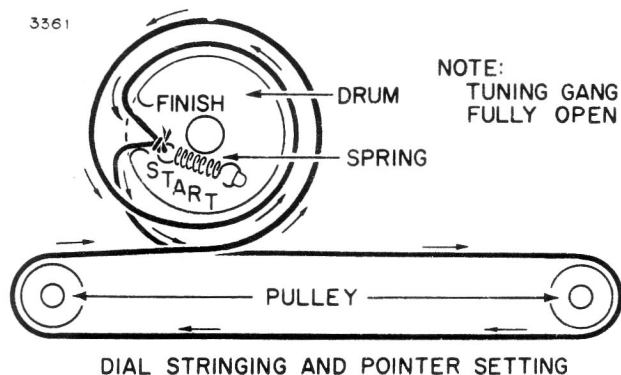


Figure 3. Dial Stringing

DIAL STRINGING

1. Chassis should be removed from front panel for dial stringing.
2. Instructions for stringing dial are given in figure 3. Note that dial assembly is viewed from rear.

POINTER SETTING

1. After dial is properly strung, secure chassis to front panel.
2. Close tuning gang (plates fully meshed).
3. Attach slider and pointer assembly so that pointer is set to black dot at left of 550 KC marking on dial.