

NOTES

1. TUNING GANG FULLY CLOSED.
2. 56 INCHES OF DIAL CORD REQUIRED.

92C2234

Fig. 1. Dial Stringing Diagram

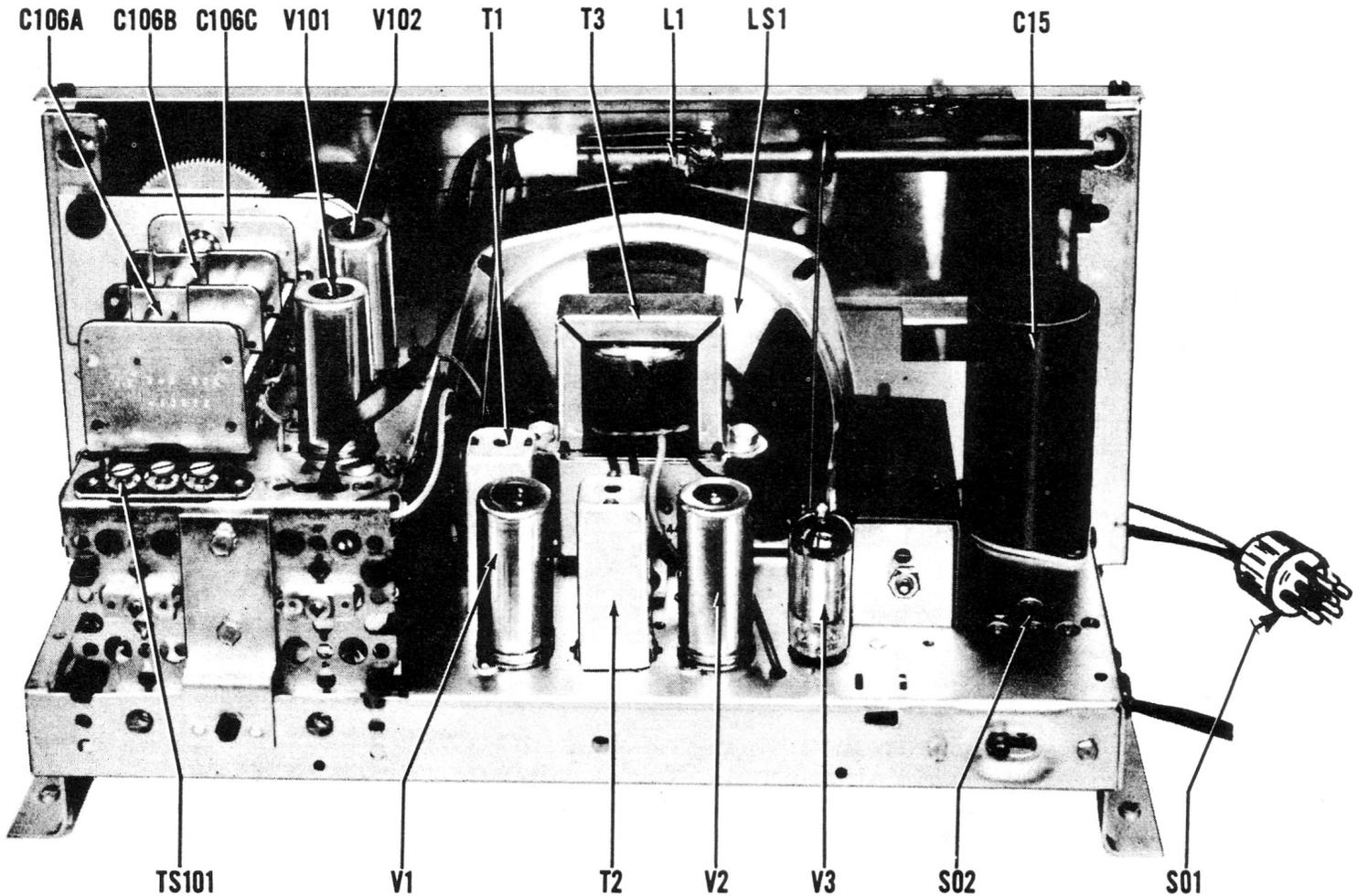


Fig. 2. Top View of Chassis Showing Component Location

92X2236

ALIGNMENT INSTRUCTIONS

- Be sure both the set and the signal generator are thoroughly warmed up before starting alignment.
- Use an accurate signal generator which has a modulated output and covers 455 KC to 14.0 MC.
- Set the volume control at maximum and disconnect the SW whip antenna.
- Use a non-metallic alignment tool with a 3/32"-wide screwdriver blade.
- Connect the output meter across the speaker voice coil.
- To avoid AVC action, use lowest output setting of signal generator which gives satisfactory reading on meter (approx. 50 milliwatts).
- Refer to Figs. 5 and 6 for location of the alignment adjustments.

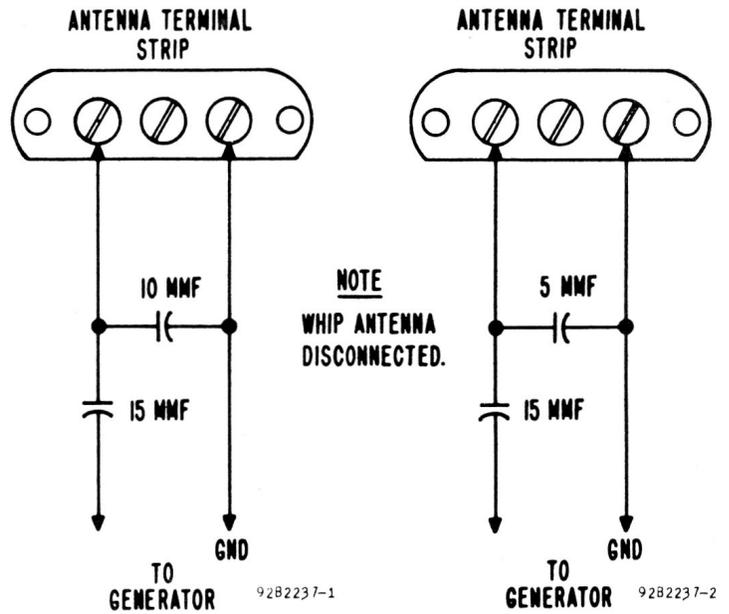


Fig. 3. Dummy Antenna for Band 3

Fig. 4. Dummy Antenna for Band 4

ALIGNMENT PROCEDURE

Step	Signal Generator Connections	Generator Frequency	Band Selector Setting	Receiver Dial Setting	Adjust for Maximum Output
1	High side thru .1 mfd capacitor to stator plates of center section of tuning gang. Low side to chassis.	455 KC	2	1000 KC	A and B (2nd IF) C and D (1st IF)
2	Radiate gen. signal into stick-loop antenna.	360 KC	1	360 KC	E (osc. trimmer), F (mixer trimmer) and G (ant. trimmer)
3	Same as Step 2.	200 KC	1	200 KC	H (osc. slug), I (mixer slug), and J (ant. loading slug)
4	Repeat Step 2.				
5	Same as Step 2.	1400 KC	2	1400 KC	K (osc. trimmer), L (mixer trimmer) and M (ant. trimmer)
6	Same as Step 2.	600 KC	2	600 KC	N (osc. slug), O (mixer slug), and P (ant. loading slug)
7	Connect dummy antenna shown in Fig. 3.	5.0 MC	3	5.0 MC	Q (osc. trimmer), R (mixer trimmer) and S (ant. trimmer)
8	Same as Step 7.	2.2 MC	3	2.2 MC	T (osc. slug), U (mixer slug), and V (ant. slug)
9	Disconnect dummy antenna used for Steps 7 and 8 and connect dummy antenna shown in Fig. 4.	14.0 MC	4	14.0 MC	W (osc. trimmer), X (mixer trimmer) and Y (ant. trimmer)
10	Same as Step 9.	7.0 MC	4	7.0 MC	Z (osc. slug), AA (mixer slug), and AB (ant. slug)

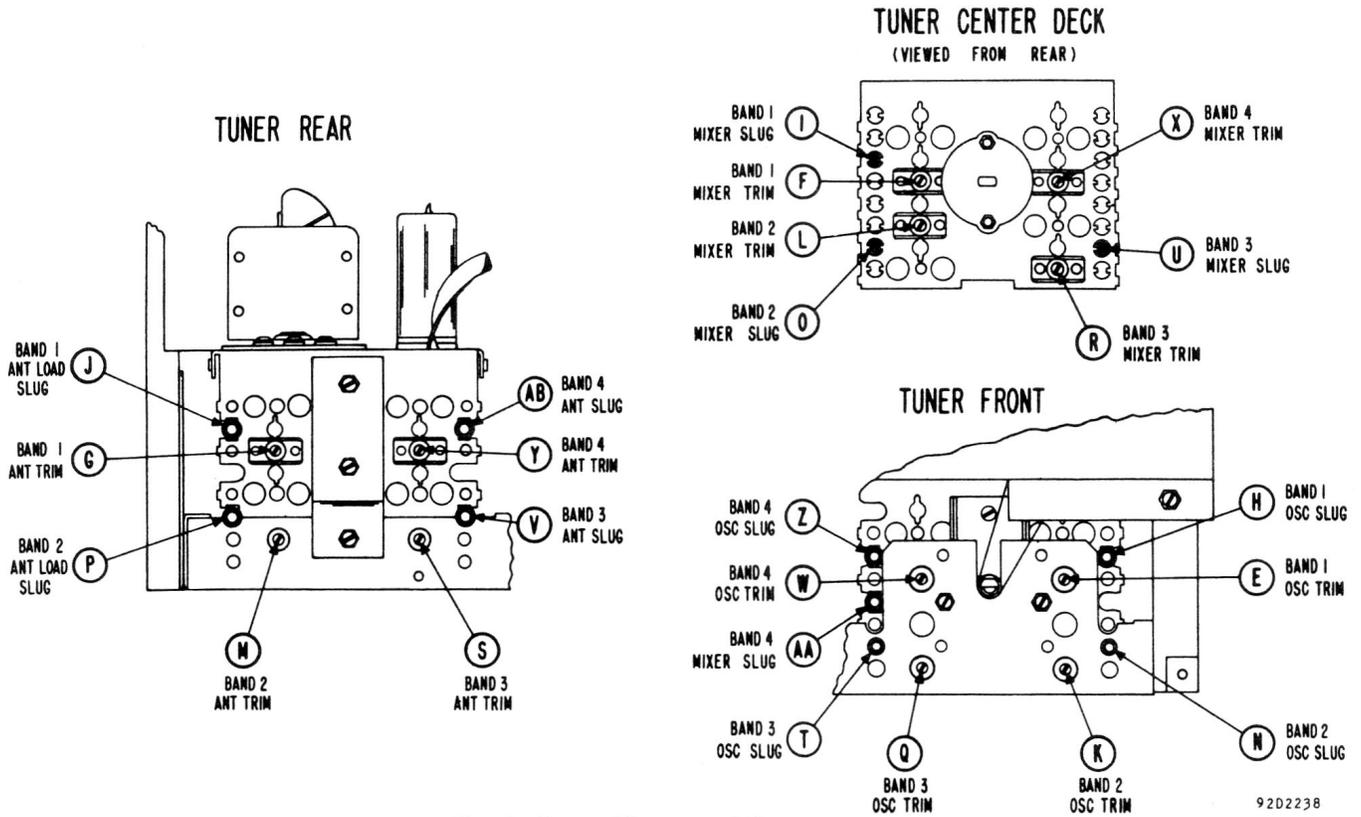


Fig. 5. Tuner Alignment Adjustments

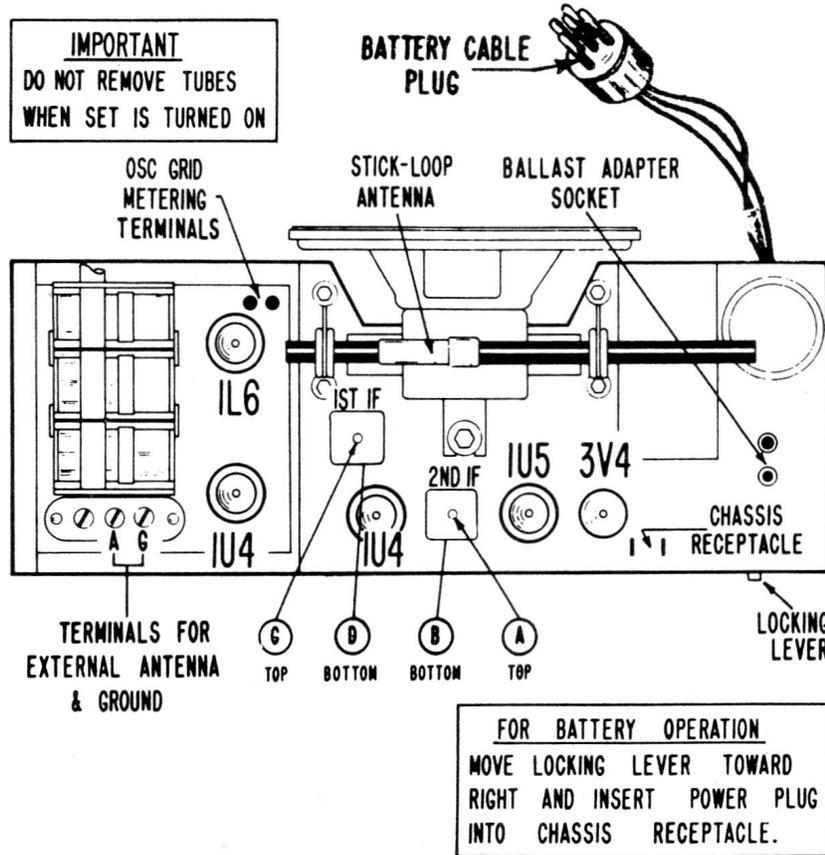


Fig. 6. Top View of Chassis Showing Location of Alignment Adjustments and Tubes

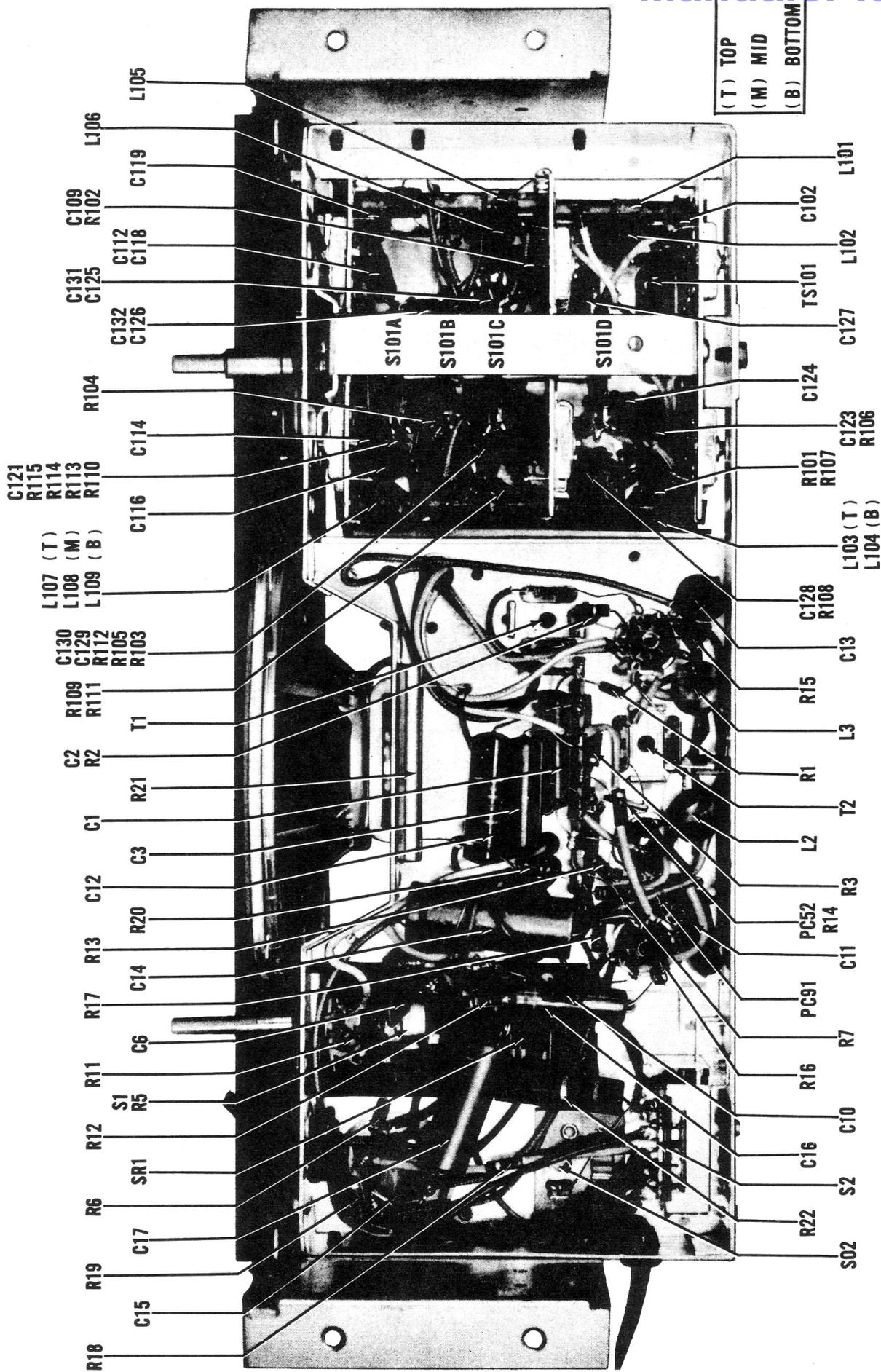


Fig. 7. Bottom View of Chassis Showing Component Location