

Receiver



Sparton 50349 Alignment, Chassis Layout, Dial Cord Stringing & R.F. Coil Connections.

ELECTRICAL ALIGNMENT

Set pointer (C1 fully meshed) $7/32''$ from right edge of slot in dial plate. Mark alignment points for 600 Kcs., 1500 Kcs. and 16 Mcs., with a pencil on dial plate. (See illustration above).

1. I.F. 455 Kcs.

Connect Sig. Gen. at 455 Kcs. to Ant. Term. (Use .01 Dummy Ant. in series) and chassis. Band Switch on BC. Adjust I.F. transformers at top and bottom, doing T2 - L9, L8 then T1 - L7, L6 for maximum output.

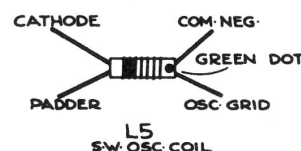
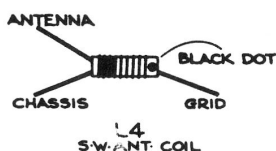
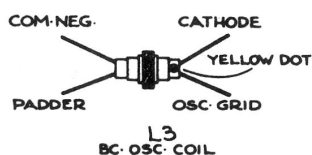
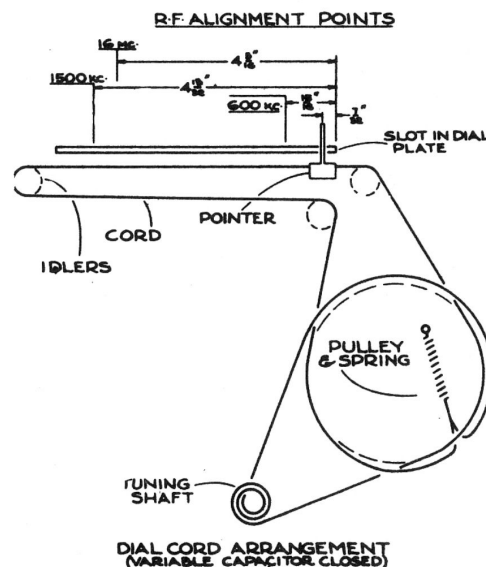
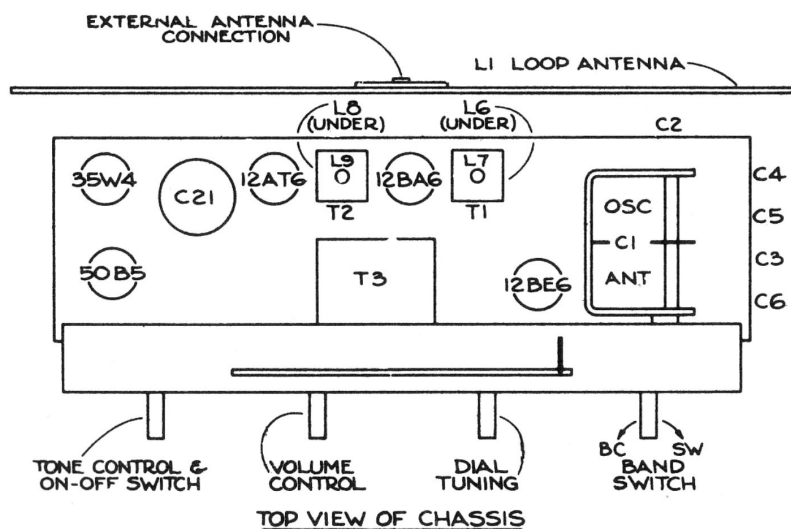
2. BC. 1500 Kcs. and 600 Kcs. Band Switch on BC.

Connect Sig. Gen. to radiating loop. (See note below). Dial at 1500 Kcs. peak C3 and C2. Dial and Sig. Gen. at 600 Kcs., rock dial, adjusting C4 for maximum signal. Retrim C3 and C2 at 1500 Kcs.

3. S.W. 16 Mcs. Band Switch on S.W.

Connect Sig. Gen. to Ant. Term. (use 400 ohm carbon Dummy Ant. in series) and chassis. Dial at 16 Mcs. peak C6 on second peak out from tight and peak C5 on first peak out from tight.

NOTE: Make up a six to eight turn - 6 in. diameter loop using insulated wire. Connect Sig. Gen. leads and place near set loop.



R.F. COIL CONNECTIONS