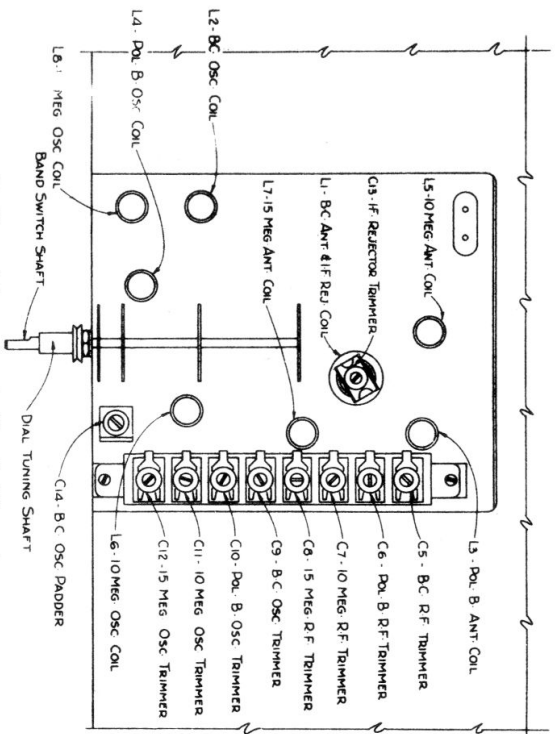
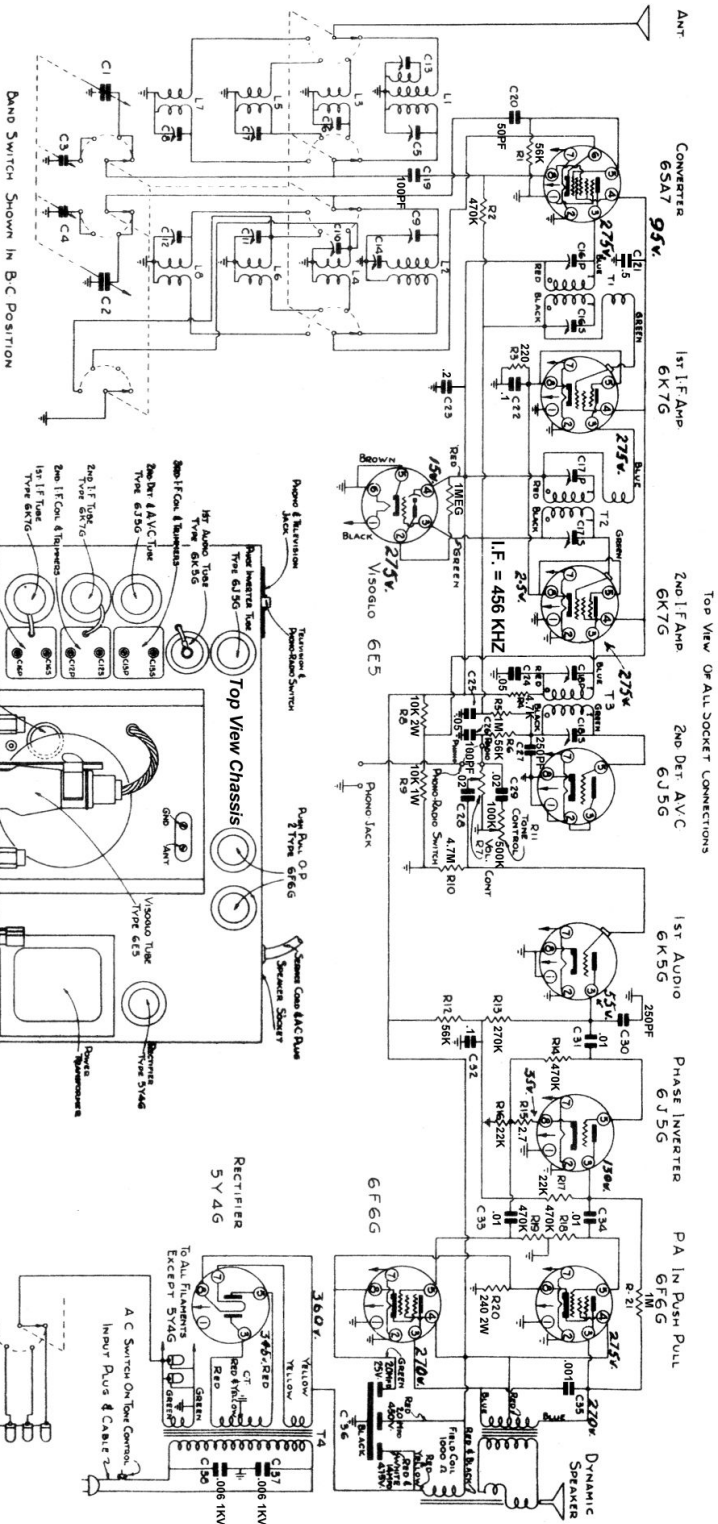


Spartan

Model

10304



Bottom View Centralized Chassis

I. F. ALIGNMENT—

With the service oscillator set at 456 K.C. and the oscillator lead connected to the stator of the top or R. F. section of the gang condenser, adjust trimmers C16P, C16S, C17P, C17S, and C18S for maximum output. The selector should be turned out or opened while making these adjustments.

NOTE—The band switch should be in B.C. position before making I.F. adjustments.

I. F. REJECTOR—

With the service oscillator set at 456 K.C. and its output lead attached to the antenna of the chassis, adjust trimmer C13 for minimum output. Caution—Make sure the chassis is not tuned to a harmonic of 456.

B. C. ALIGNMENT—

With service oscillator set at 600 K.C., adjust C14 until indicator reads 600 K.C. With oscillator at 1500 K.C., adjust C9 until indicator reads 1500 K.C. Remaining at the same point, adjust C5 for maximum output.

NOTE—Before alignment is started adjust the pointer so as to coincide the end of pointer travel with the first line shown on dial scale.

S. W. BAND ALIGNMENT—

With oscillator at 6 M.C., adjust C10 until indicator reads 6 M.C. Remaining at the same point, adjust C6 for maximum output.

10 M. C. BAND ALIGNMENT—

With oscillator at 11 M.C., adjust C11 until indicator reads 11 M.C. Remaining at the same point, adjust C7 for maximum output.

15 M. C. BAND ALIGNMENT—

With oscillator at 17 M.C., adjust C12 until indicator reads 17 M.C. Remaining at the same point, adjust C8 for maximum output.

NOTE—The three S. W. bands are aligned to the lower of the two signals heard — the higher frequency one being the image and located 9 Meg. higher than the one to be used.