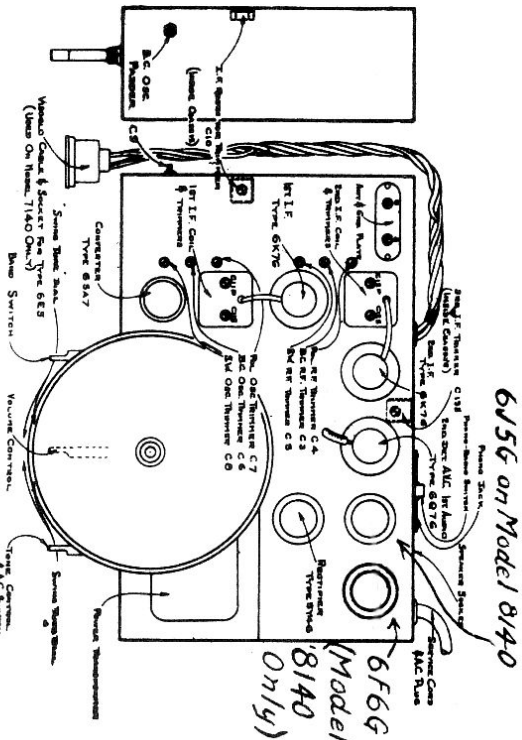


Sparton Model 8140



Sparton Model 8140 Alignment Data

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 C11P, C11S, C12P, C12S and C13S for maximum output. The selector should be turned out or opened while making these 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 C10 for **minimum** output. Caution—Make sure the chassis is not tuned to a harmonic of 456.

B. C. ALIGNMENT—

NOTE.—With gang condenser fully closed, the indicator shadow must coincide with the vertical line at left end of dial scale.

With service oscillator set at 600 K.C., adjust C9 until indicator reads 600 K.C. With oscillator at 1500 K.C., adjust C6 until indicator reads 1500 K.C. Remaining at the same point, adjust C3 for

1st S. W. BAND ALIGNMENT—

maximum output.

With oscillator at 6 M.C., adjust C7 until indicator reads 6 M.C. Remaining at the same point, adjust C4 for maximum output.

2nd S. W. BAND ALIGNMENT—

With oscillator at 15 M.C., adjust C8 until indicator reads 15 M.C. Remaining at the same point, adjust C5 for maximum output.

NOTE.—On the 1st S. W. Alignment the Oscillator is trimmed to the higher of the two frequencies of which one is the image frequency. On the 2nd S. W. Alignment the Oscillator is trimmed to the lower of the two frequencies.