

Sparton Model 5741 Alignment Data

I. F. ALIGNMENT—

With the service oscillator set at 456 K.C. and the oscillator lead connected to the aerial terminal, adjust trimmers C13P, C13S, C14P, C14S, C15P and C15S 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 aerial of the chassis, adjust trimmer C3 for **minimum** output. Caution—Make sure the chassis is not tuned to a harmonic of 456.

B. C. - R. F. ALIGNMENT

Before commencing R. F. alignment, the pointer should coincide with the first scale mark on the dial when the selector plates are fully closed.

1. OSCILLATOR TRIMMER

With the service oscillator tuned to 1500 K.C., adjust trimmer C7 until signal is tuned in, when dial is set at 1500.

2. OSCILLATOR PADDER

With service oscillator tuned to 600 K.C., adjust C8 until dial reads 600 K.C.

3. ANTENNA TRIMMER

With service oscillator set at 1500 K.C., adjust C2 for maximum output.

S. W. - R. F. ALIGNMENT—

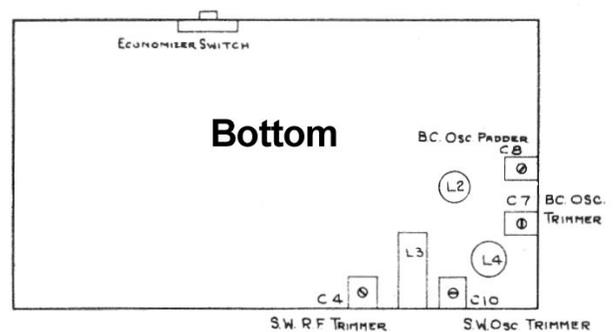
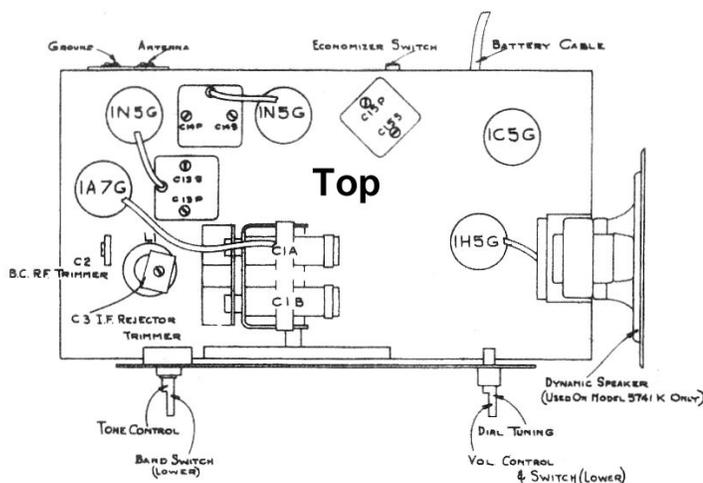
1. OSCILLATOR TRIMMER

With the service oscillator tuned to 15 megacycles, adjust trimmer C10 until dial reads 15 meg.

NOTE—Be sure that the signal tuned in is the lower frequency and not the higher or image which should tune at approximately 15.9 meg.

2. ANTENNA TRIMMER

With service oscillator at 15 meg., adjust C4, while rocking the dial for maximum output.



11. Special Note for S.W. Alignment—

Should the set be badly out of alignment it may be difficult to locate the signal with the oscillator trimmer. To overcome this apply oscillator signals to the grid of the converter tube (6K8), turn the oscillator trimmer in tight, then unscrew it until the first signal is heard which is the correct one for the 12 and 15 M.C. bands.

The second signal out is the correct one for the 6 and 9 M.C. bands.

NOTE.—Extreme care must be taken on the above adjustments, as it is quite possible to miss hearing these signals or get the wrong one, as these oscillator trimmers are very critical in adjustment.