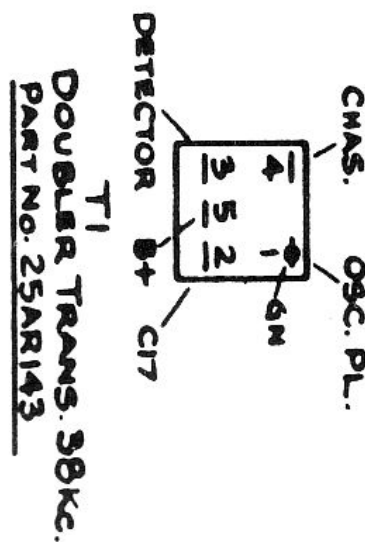
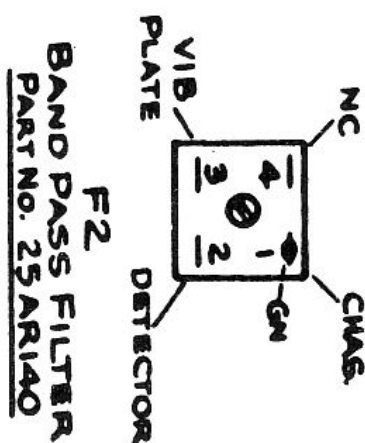
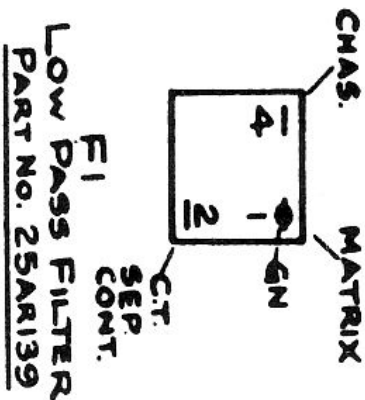
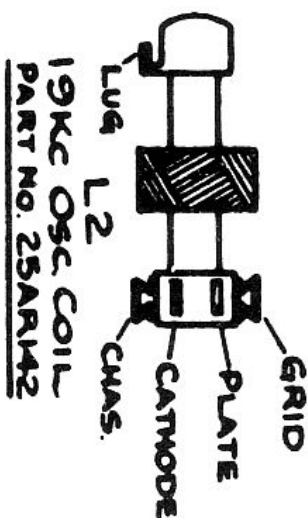
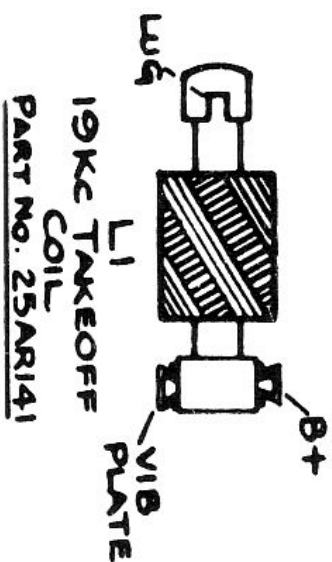
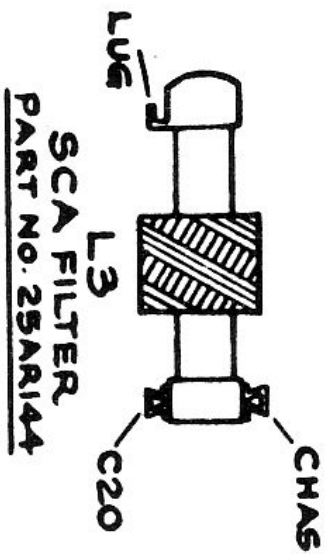


# SPARTON 2M1

\*NOTE: 2M1 does not have SCA filter (C20 & L3)  
- C20 & L3 used on 14N5-P only.

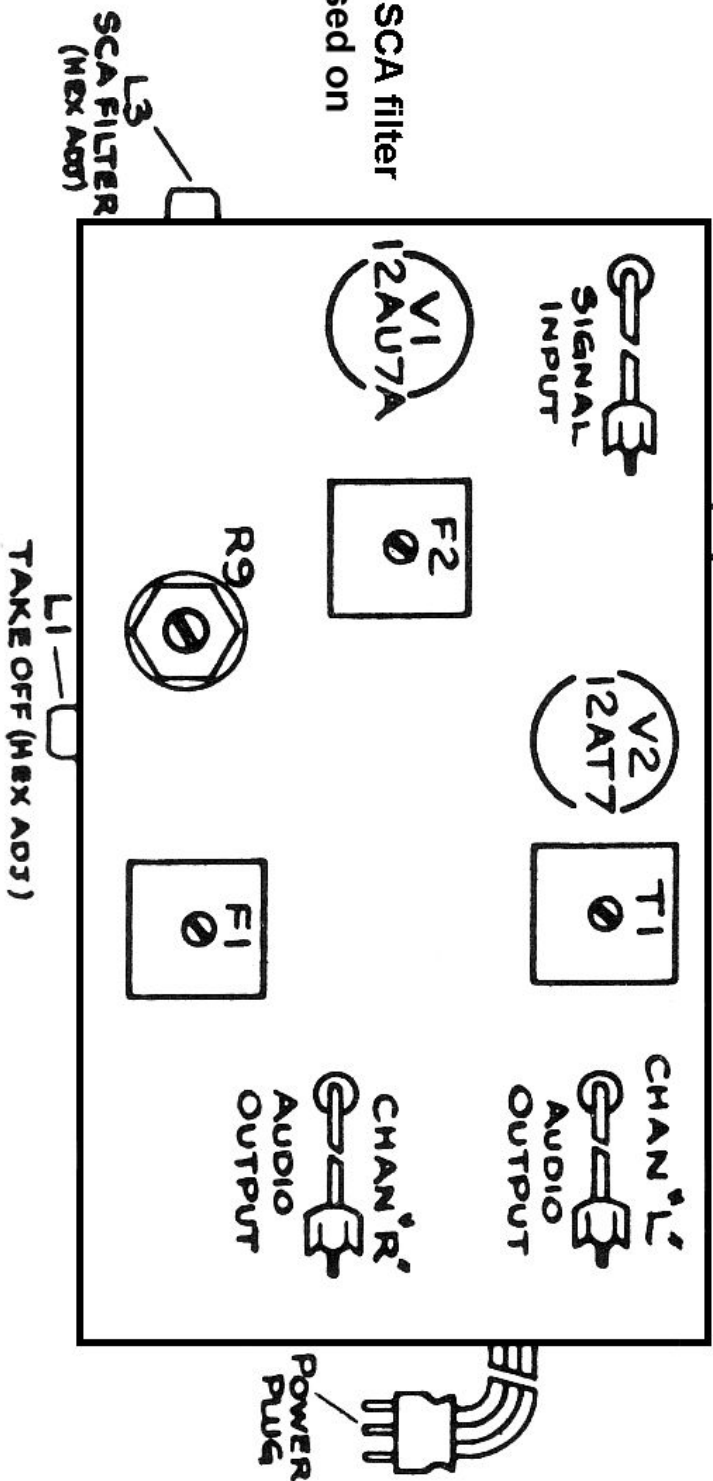


L2 OSCILLATOR (MEX ADJ) TOP VIEW OF CHASSIS

# Sparton

## 2M1

NOTE: 2M1 does not have SCA filter  
(C20 & L3) - C20 & L3 used on  
14N5-P only



## ALIGNMENT AND ADJUSTMENTS

This Unit is designed to be used with Sparton FM Receivers provided with power and signal outlets.

- 1.. F1, Low Pass Filter, is very broad and highly damped and should not be changed from factory setting.
2. Remove 12AT7. Plug power connector and L and R outputs of adapter into receiver receptacles. Connect audio generator to adapter input. Connect vertical input lead of oscilloscope to junction of R8 and L1 of adapter.
3. Set audio generator to 19 Kcs. Tune L1 for maximum pattern on oscilloscope.
4. Remove oscilloscope lead from adapter.
5. Connect audio V.T.V.M. to junction of GR1 and GR2.
6. Set audio generator to 67 Kcs. Tune bottom of F2 for minimum V.T.V.M. reading.
7. Set audio generator to 38 Kcs. Tune top of F2 for maximum V.T.V.M. reading. (Tuning is very broad).
8. Remove audio generator.
9. Replace 12AT7 and plug input cable into receiver outlet.
10. With receiver on FM Stereo, tune in an FM Stereo signal. If an audio howl or growl is heard, the 19 Kcs oscillator is off frequency. Adjust L2 for Zero beat.
11. Connect vertical input lead of oscilloscope to terminal 3 of T1. Tune T1 for maximum pattern.
12. Remove oscilloscope lead from adapter.
13. To adjust separation control (R9), tune in an FM Stereo signal and adjust control for best separation.

## N O T E

The core of L2 can be adjusted either in or out to get a low pitched oscillation. In the centre position, very little stereo effect is noted. A slight clockwise turn (in) of the core gives stereo, without evidence of low pitched oscillation. Slight turn out gives same effect but reverses channels.