

7.2 FM TUNER

APC Circuit

1. Turn the FUNCTION switch to the FM position.
2. Connect the frequency counter between terminal 4 and 7 (ground).
3. Adjust the TC_1 to obtain a reading of 100.000kHz (± 2 Hz) on the frequency counter.
4. Disconnect the frequency counter.
5. Connect the wire between terminal 2 and 7.
6. Connect the DC voltmeter between terminal 1(+) and 7(-).
7. Adjust the VR_3 to obtain a reading of +8.5V (± 20 mV) on the DC voltmeter. Disconnect the DC voltmeter.
8. Set the dial frequency of the TX-9800 to 88MHz.
9. Connect the oscilloscope between terminal 11 and 7 (Ground).
10. Adjust the VR_1 to obtain a reading of 1.2V (peak to peak) on the oscilloscope.
11. Connect the DC voltmeter between terminal 11(+) and 1(-).
12. Adjust the VR_2 to obtain a reading of +10mV (± 10 mV) on the DC voltmeter. Disconnect the DC voltmeter.

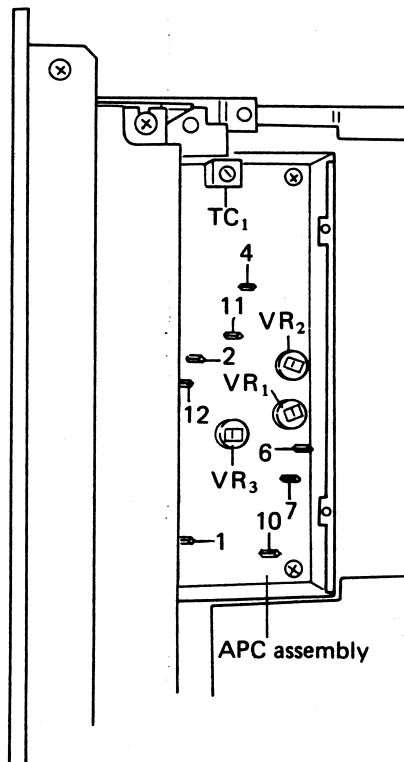


Fig. 7-2