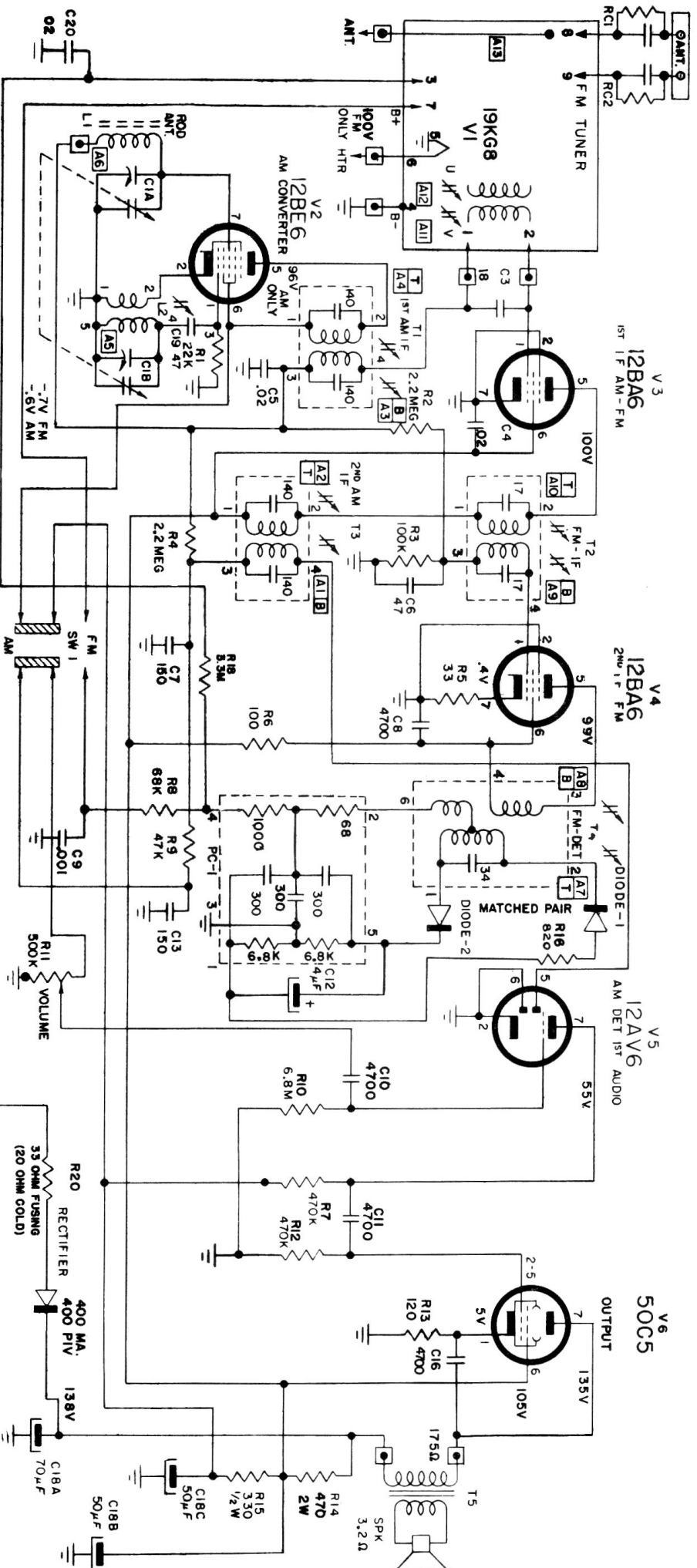


(BOTTOM VIEWS)

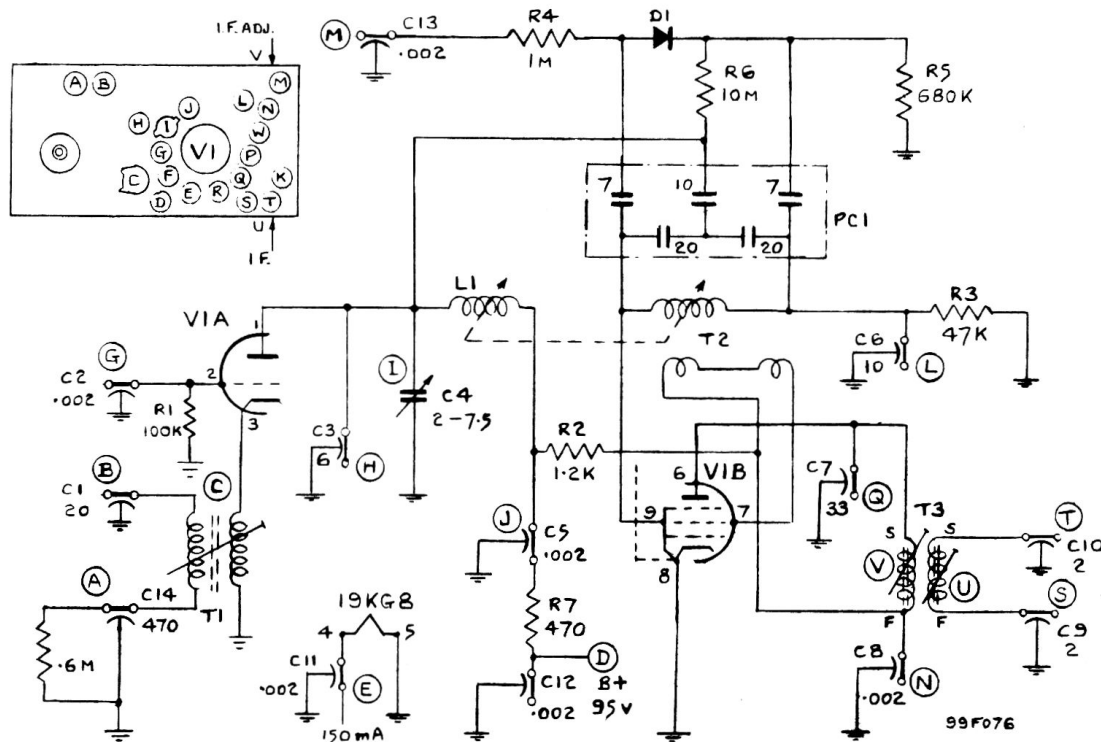
Fleetwood 5064 & 5071

- $\frac{1}{2} = B-$
- $\square$ = EXTERNAL CONNECTION TO PRINTED BOARD.
- VOLTAGES MEASURED TO B- WITH A V.T.V.M. $\pm 20\%$, NO SIGNAL.
- FM POSITION UNLESS OTHERWISE NOTED B+ VOLTAGES SHOULD BE SLIGHTLY HIGHER IN AM POSITION.

RESISTANCE VALUES ARE IN OHMS K=1,000, MEG=1,000,000 CAPACITANCE VALUES LESS THAN (1) ARE IN MICROFARADS (μ), AND VALUES OF (1) OR GREATER ARE IN MICROMICROFARADS ($\mu\mu$) UNLESS OTHERWISE INDICATED

VARIABLE SHOWN IN OPEN POSITION

Fleetwood 5064 & 5071 F.M. Tuner & Alignment



A.M. BAND

Position of Variable	Generator Frequency	Dummy Ant.	Generator Connection (high)	Generator Connection (low)	Adjust Trimmer Function
Open	455 Kc.	.05 mfd	Mixer Grid	B	I.F., T1 & T3
Open (fully)	1620 Kc.	50 mmf	Or : *	B	Osc. C1B
1400 Kc.	1400 Kc.	50 mmf	Or : *	B	Ant. C1A
1000 Kc.	1000 Kc.	50 mmf	Or : *	B	Check Pt.
600 Kc.	600 Kc.	50 mmf	Or : *	B	Check Pt.
Fully closed	635 Kc.	50 mmf	Or : *	B	Check Pt.

* A loop fashioned of several turns of wire radiating the signal into receiver's antenna.

F.M. BAND (Short Junction R18-C20 Temporary to B-)

Step	Signal Generator Coupling	Signal Generator Frequency	Dial Setting	Meter Connection	Adjust	Remarks
1	Couple high side of Sig. Generator loosely to 19KG8 tube. (See Note 1 below)	10.7 M.C.	108 M.C.	Connect high side of VTVM to junction of R16 & C12 and low side to B —	Tuner IF slug U & V T2 top & bottom. T4 bottom .	Adjust for max. output. Input level must be kept low enough so that meter reading does not exceed 2 volts.
2	Same	Same	Same	Connect high side of VTVM to junction of R8 & R18 and low side to B-Minus. (Adjust VTVM for zero centre before connecting to receiver).	T4 top	Turn sig. gen. to a higher output to allow for a zero reading. A positive and negative reading will be obtained on either side of the correct setting.
3	Connect signal gen. terminated at 300 Ohms to A & B Terminals on tuner.	108 M.C.	108 M.C.	Output meter across loudspeaker terminals.		Check calibration.
4	Same	88 M.C.	88 M.C.	Same		Check calibration.

For Notes P.T.O.

Note. 1. A tube shield may be used. Care should be taken so as not to touch the existing tube shield and so short circuit signal generator.

TUNER ALIGNMENT

CAUTION : This operation should be undertaken only if absolutely essential.

Step	Signal Generator Coupling	Signal Generator Frequency	Dial Setting	Meter Connection	Adjust	Remarks
1	Connect sig. gen. terminated at 300 Ohms to A & B terminals on tuner.	108 M.C.	108 M.C.	Output meter across loudspeaker terminals.	Trimmer "I"	Adjust for max. reading on output meter.
2	Same.	88 M.C.	88 M.C.	Same.	Slug "C"	Same.