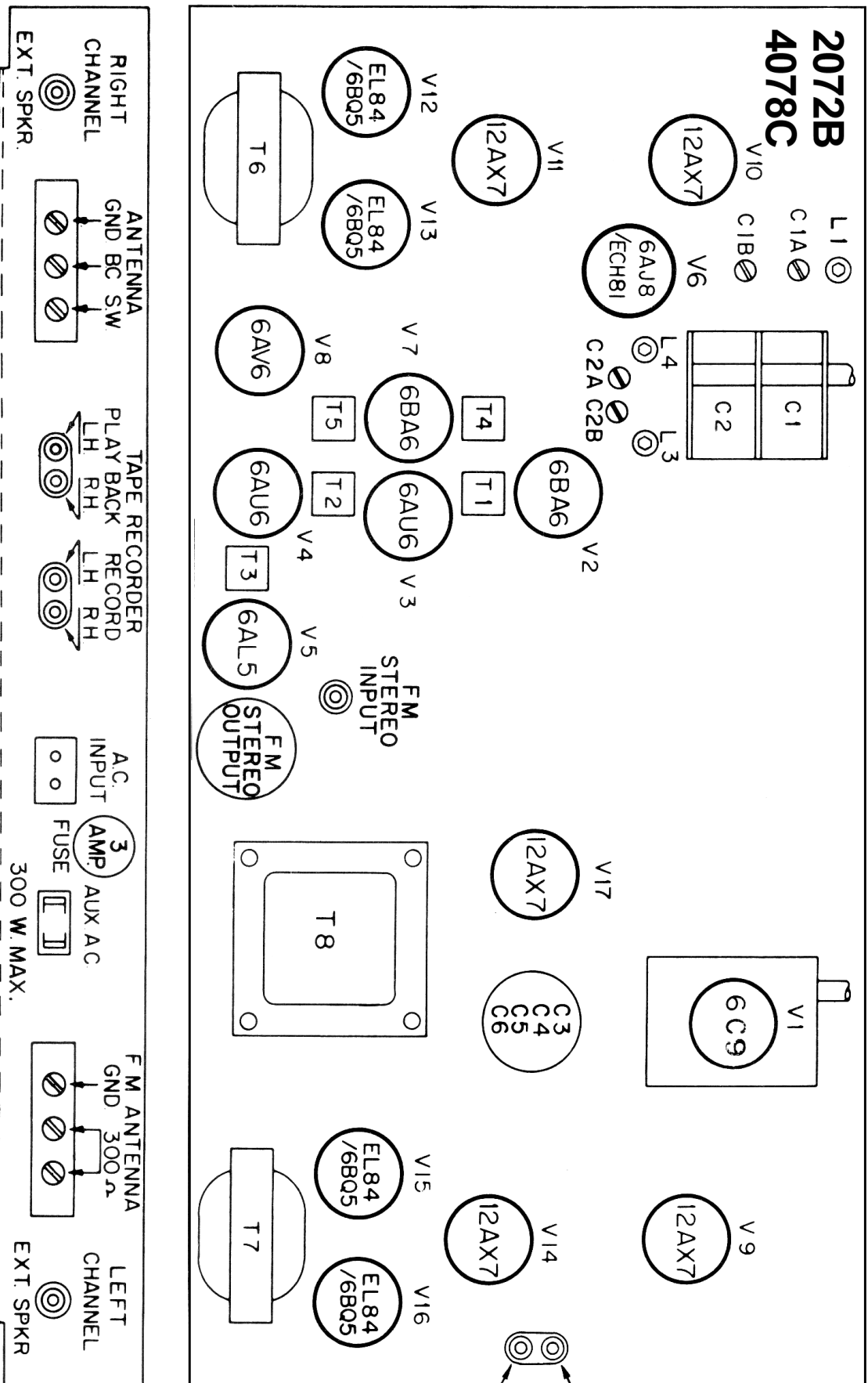
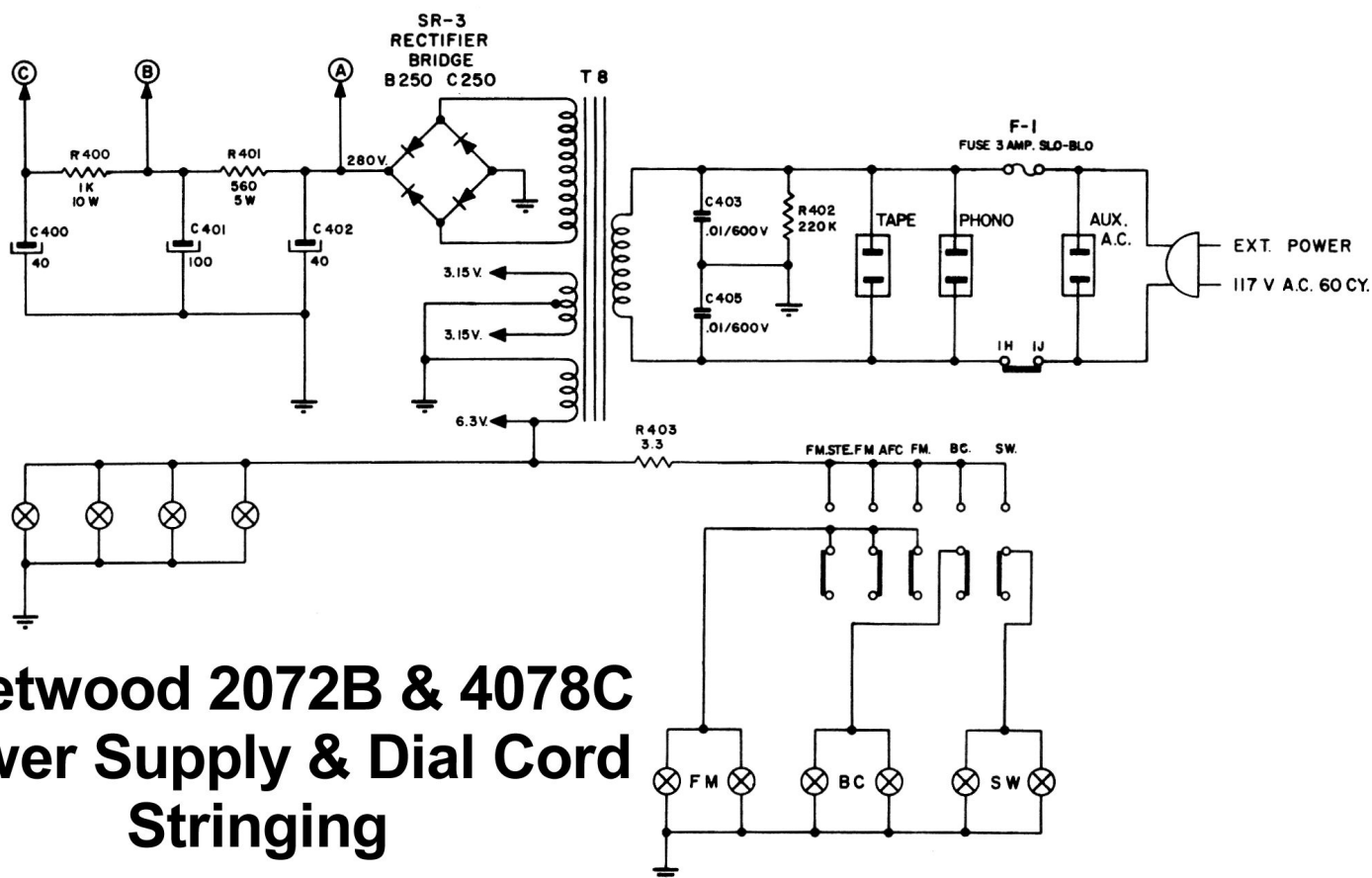


PRODUCTION CHANGES

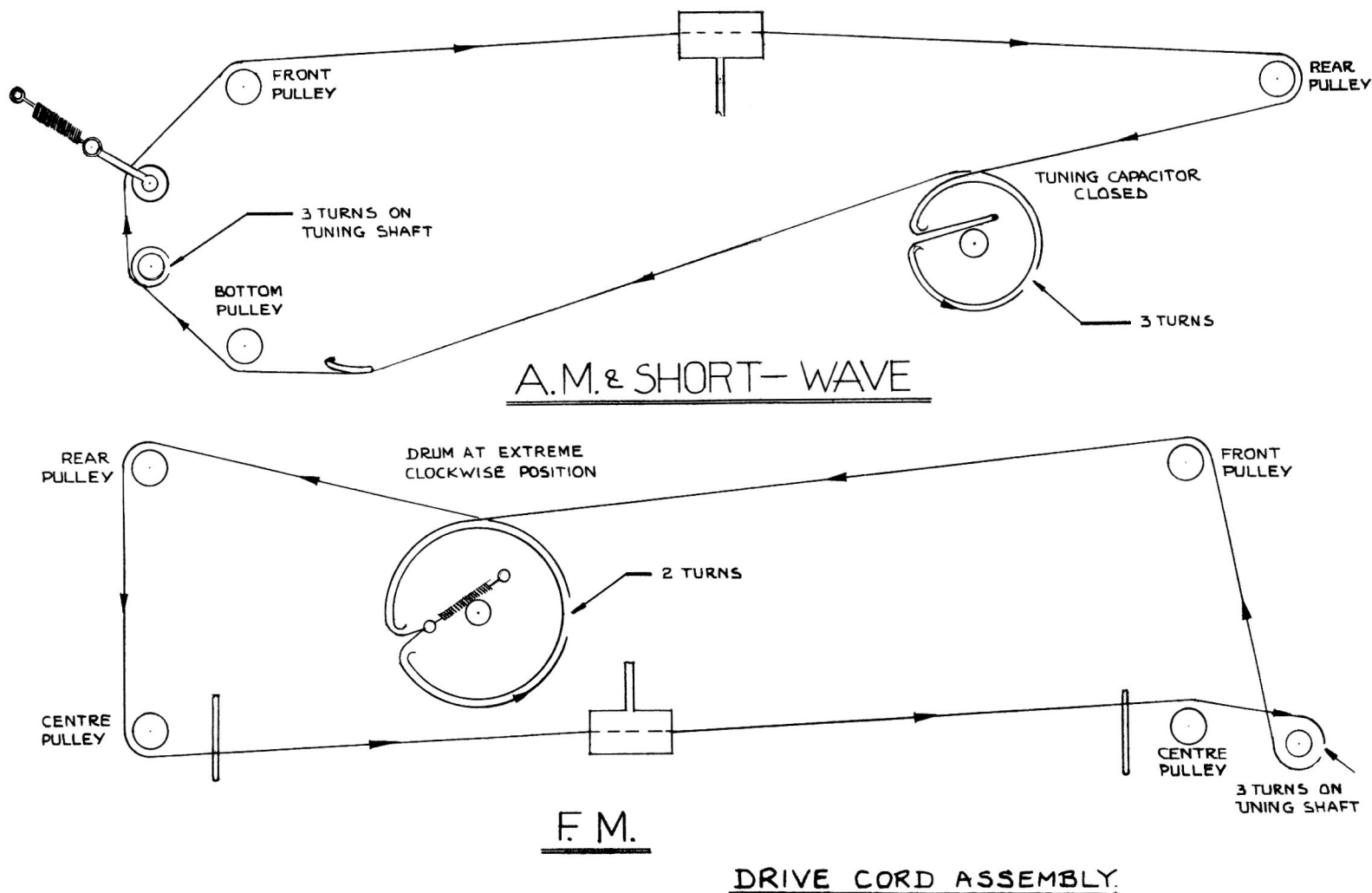
2072B 4078C



TUBE LAYOUT CHART, CHASSIS MODEL 2072B



Fleetwood 2072B & 4078C Power Supply & Dial Cord Stringing



Fleetwood 2072B & 4078C Alignment Information

CHASSIS 2072 B

Alignment is an exacting procedure and should be undertaken only when essential and by a fully qualified person.

The following equipment is required for proper alignment:—

1. Signal generator with a frequency range of at least 455kc. to 20 mc. (AM.)
2. Signal generator with a frequency range of at least 10.7mc. to 109 mc. (FM.)
3. Power output meter.
4. V.T.V.M.

NOTES:

Allow at least 15 minutes for the set and equipment to warm up before proceeding with alignment. During alignment, keep the signal generator output as low as possible. Keep the volume controls in full clockwise position. Keep tone controls in full clockwise position. Connect ground side of generator to chassis base. Generator modulation at 400 cy. 30% and 400 cy. 22.5 k.c. deviation of AM and FM respectively.

WARNING:

Connect output meter with 8 ohm termination to terminals of the output transformer. When output meter or loudspeaker is not connected across the amplifier output, terminate output with a five to ten ohms resistor capable of dissipating at least 10 watts.

DUMMY ANTENNA	SIGNAL GENERATOR COUPLING	GENERATOR FREQ.	DEPRESS FUNCTION SWITCH	DIAL SETTING	METER CONNECTION	ADJUST	REMARKS
1 .1MF.	High side of Pin #2 of 6AJ8 tube	455kc.	BC ₁	Gang fully open.	Output meter across output transf. terminals.	T4 & T5 TOP & BOTTOM	Adjust for maximum output.
2 Loop	Loose	1630kc.	BC ₁	Same.	Same.	C201A	Adjust for maximum output.
3 Same.	Same.	535kc.	BC ₁	Gang fully closed.	Same.	L3	Adjust for maximum output.
4 REPEAT STEP 2 AND 3 UNTIL NO FURTHER CHANGE OCCURS.							
5 Same.	Same.	1400kc.	BC ₁	1400kc.	Same.	200A	Adjust for maximum output.
1 400 Ohms	Connect high side of signal gen. through 400 Ohms resistor to s.w. ant. terminal	18.2mc.	SW ₁	Gang fully open.	Output meter across output transf. terminals.	201B	Adjust for maximum output.
2 Same.	Same.	5.9mc.	SW ₁	Gang fully closed.	Same.	L4	Adjust for maximum output.
3 REPEAT STEP 1 AND 2 UNTIL NO FURTHER CHANGE OCCURS.							
4 Same.	Same.	15mc.	SW ₁	15 mc.	Same.	C200B	Adjust for maximum. Note: Rock gang condenser while adjusting trimmer.
5 Same.	Same.	7mc.	SW ₁	7 mc.	Same.	L1	Adjust for maximum.
6 REPEAT STEP 4 AND 5 UNTIL NO FURTHER CHANGE OCCURS.							
1 Direct.	Connect high side of sig. gen. to ungrounded tube shield over 6C9 tube.	10.7mc. No mod.	FM ₁	108 mc.	Connect V.T.V.M. probe to negative lead of C134 Bmfd. condenser.	Adjust as follows: T1 top & bottom, T2, T3 bottom. Adjust cores "U" & "T" on tuner for max. output.	Adjust for maximum. Note: keep generator output low as the reading on V.T.V.M. should not exceed 2 volts.
2 Same.	Same.	Same.	FM ₁	Same.	Connect V.T.V.M. DC probe to junction of R139 and R143.	Adjust T3, top slug.	Adjust for "Zero" reading.
1 300 ohms	FM ant. Terminals	87.5mc. Modulated.	FM ₁	Min. freq.	Output meter across output terminals.	Adjust core PT3) Adjust core RL2) Adjust core C (T1) for max. output.	
2 Same.	Same.	108.5mc.	FM ₁	Max. freq.	Same.	Adjust trimmers "N", "V", "W" for max. output.	Rotate gang. cond. to minimum capacity and rotate back about 4°.
3 REPEAT STEP 1 AND 2 UNTIL NO FURTHER CHANGE OCCURS.							