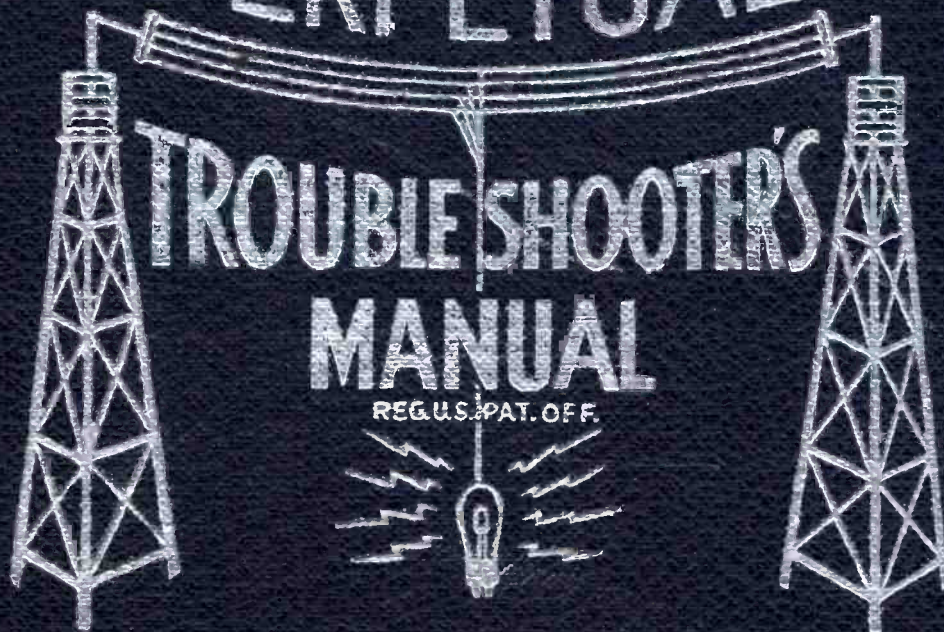


VOLUME XVII

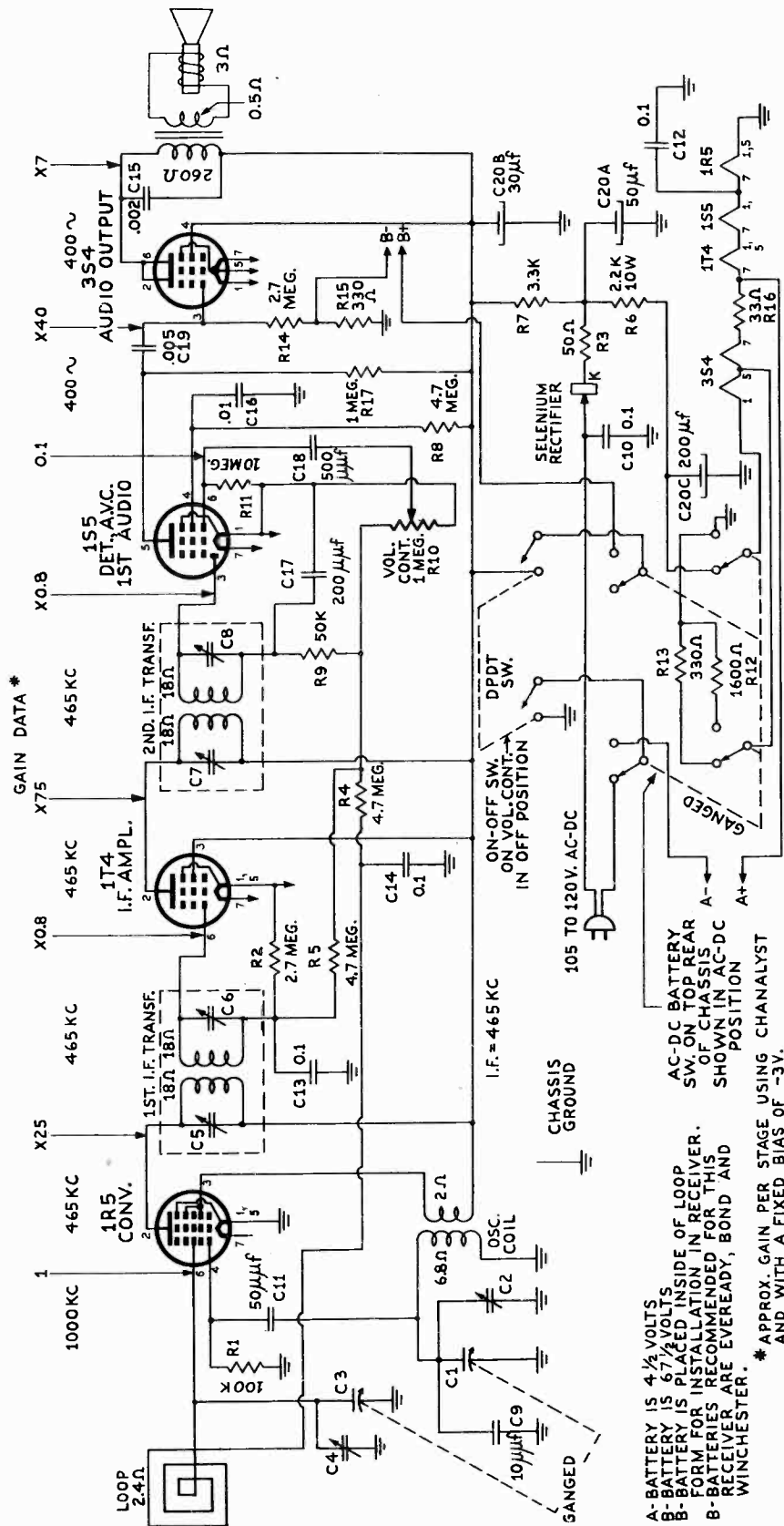
PERPETUAL



JOHN F. RIDER

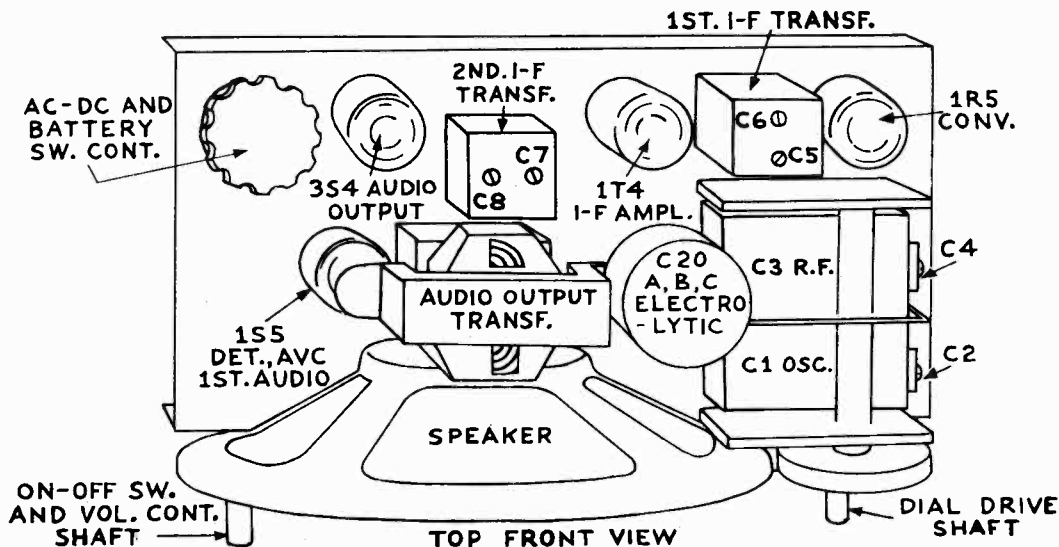
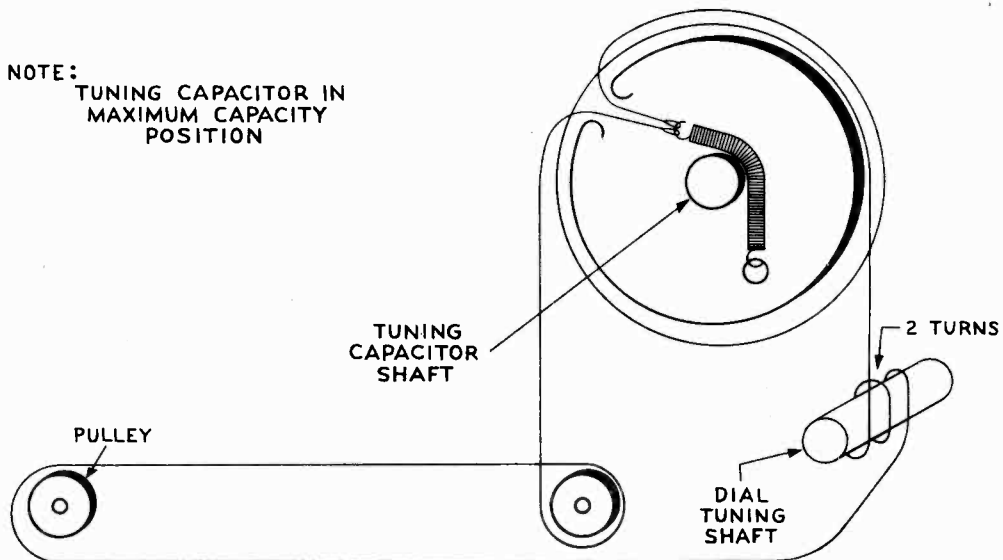
LEANDER ELECTRONICS CORP.

MODEL 707



A-BATTERY IS 4 1/2 VOLTS
 B-BATTERY IS 6 7/8 VOLTS
 B-BATTERY IS PLACED INSIDE OF LOOP
 FORM FOR INSTALLATION IN RECEIVER.
 B-BATTERIES RECOMMENDED FOR THIS
 RECEIVER ARE EVEREADY, BOND AND
 WINCHESTER. * APPROX. GAIN PER STAGE USING CHANALYST
 AND WITH A FIXED BIAS OF -3V.

NOTE:
TUNING CAPACITOR IN
MAXIMUM CAPACITY
POSITION



IF ALIGNMENT

CONNECT AN OUTPUT METER ACROSS THE VOICE COIL OF THE RECEIVER. CONNECT A SIGNAL GENERATOR TO THE STANDARD HAZELTINE LOOP MODEL 1150 AND COUPLE IT LOOSELY TO THE RECEIVER LOOP.

SET THE SIGNAL GENERATOR TO 465 KC AND FULLY MESH THE RECEIVER TUNING CAPACITOR.

KEEP THE RECEIVER VOLUME CONTROL AT MAXIMUM, AND THE OUTPUT OF THE SIGNAL GENERATOR SUFFICIENT TO GIVE A READABLE DEFLECTION ON THE OUTPUT METER. ADJUST FOR MAXIMUM I.F. TRIMMERS C8, C7, C6 AND C5.

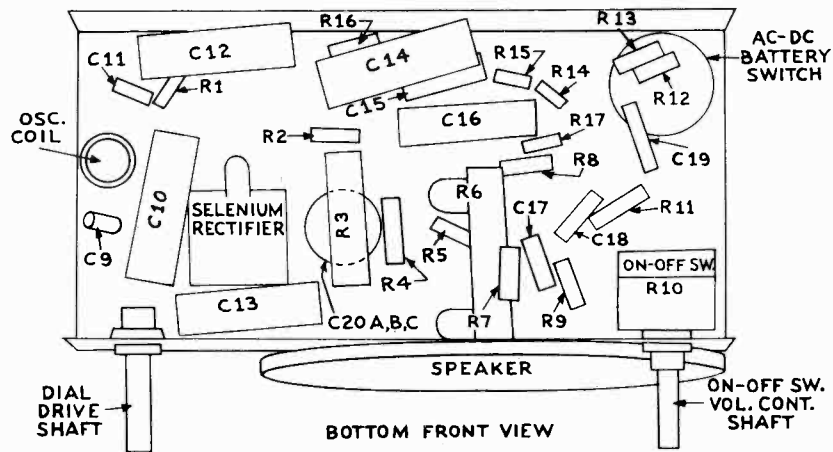
RF OSC. ADJUSTMENT

KEEPING THE SAME SETUP AS USED FOR I.F. ALIGNMENT, SET THE SIGNAL GENERATOR AND RECEIVER TO 1600 KC AND ADJUST OSCILLATOR TRIMMER C2 FOR MAXIMUM OUTPUT.

NEXT, SET THE SIGNAL GENERATOR AND RECEIVER TO 1400 KC AND ADJUST ANTENNA TRIMMER C4 FOR MAXIMUM OUTPUT.

LEANDER ELECTRONICS CORP.

MODEL 707



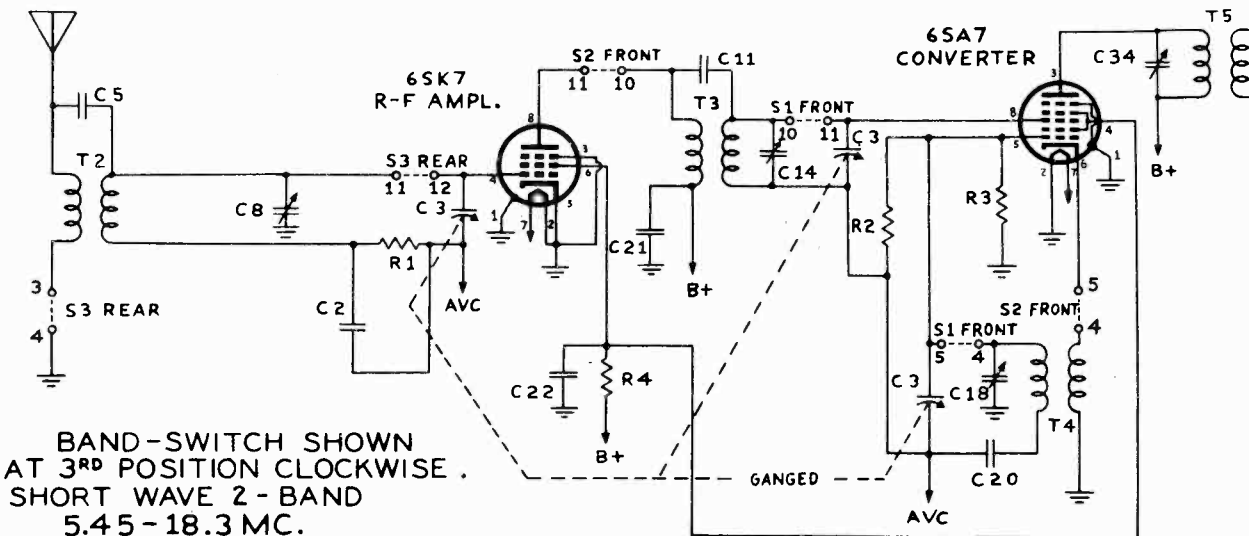
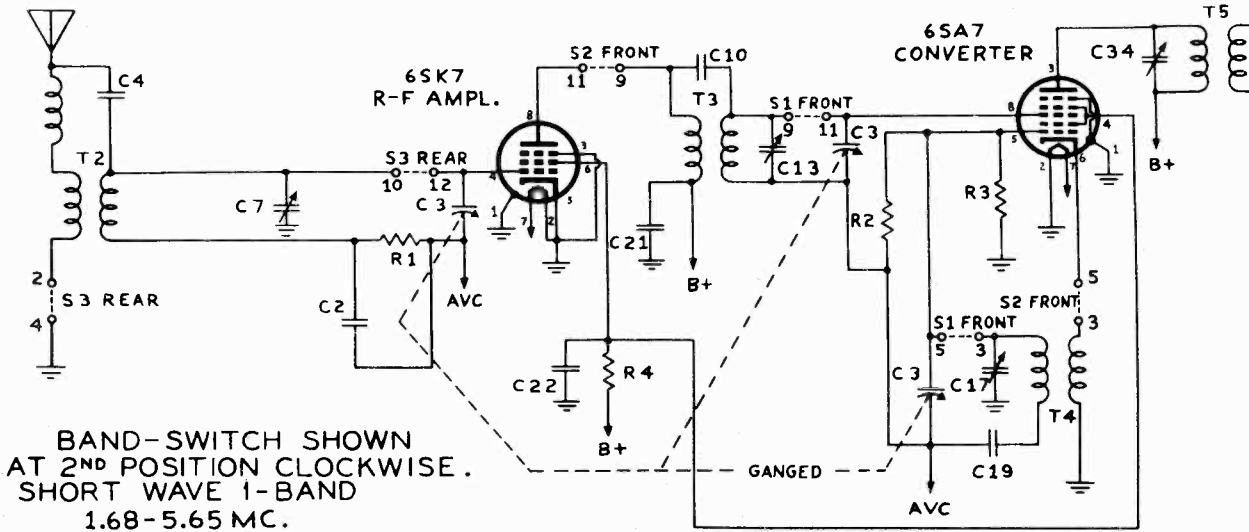
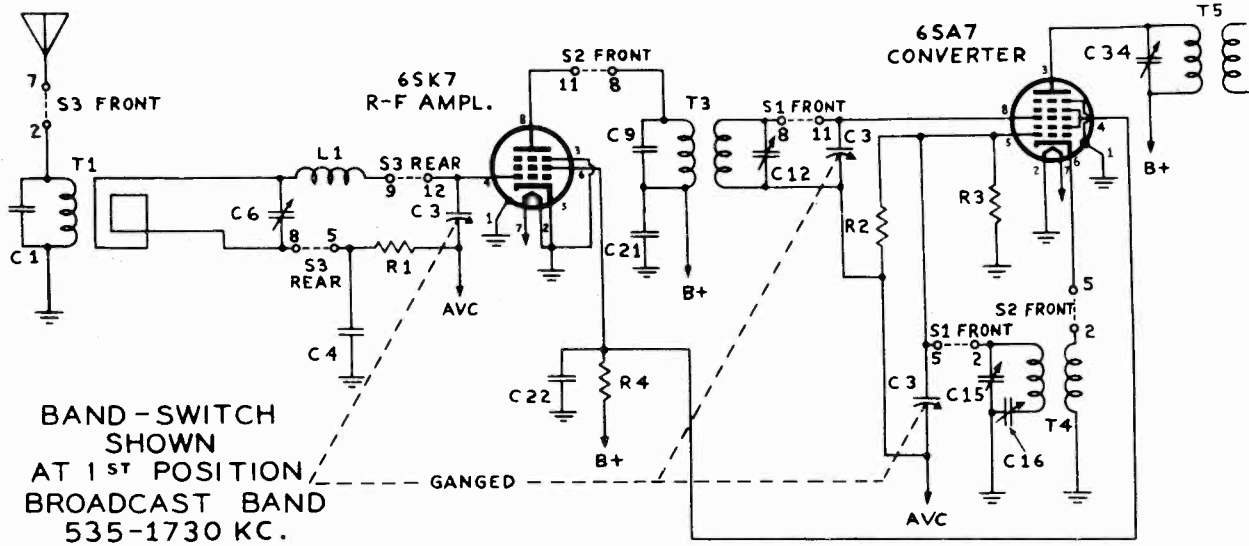
TUBE	PIN	VTVM	20,000 OHM	1,000 OHM	RESISTANCE	
			P.V.	P.V.		
1R5 CONV. OSC. VOLTAGE	1	0	0	0	0	
	2	+66	+66	+66	5.5 K	
	3	+66	+66	+66	5.5 K	
	4					
		550 KC	-10	-5	-0.5	100 K
		1600 KC	-20	-12	-4.5	100 K
		5	--	--	--	--
1T4 I.F. AMPL.	6	+0.4	0	0	5.5 MEG	
	7	+1.2	+1.2	+1.2	12 OHM	
	1	+2.3	+2.3	+2.3	26 OHM	
	2	+66	+66	+66	5.5 K	
	3	+66	+66	+66	5.5 K	
	4	-0.4	0	0	5.5 MEG	
	5	+2.3	+2.3	+2.3	26 OHM	
1S5 DET. AVC 1st AUDIO	6	-1.3	-0.2	0	1.75 MEG	
	7	+3.5	+3.5	+3.5	36 OHM	
	L	+1.2	+1.2	+1.2	12 OHM	
	2	+0.6	-0.2	0	900 K	
	3	+0.6	-0.2	0	900 K	
	4	+17	+14	+2	4.5 MEG	
	5	+38	+36	+6	800 K	
3S4 AUDIO OUTPUT	6	0	0	0	9 MEG	
	7	+2.3	+2.3	+2.3	26 OHM	
	1	+7.4	+7.4	+7.4	75 OHM	
	2	+64	+64	+64	5.5 K	
	3	0	0	0	2.5 MEG	
	4	+66	+66	+66	5.5 K	
	5	+5.6	+5.6	+5.6	60 OHM	
SELENIUM RECTIFIER	6	+64	+64	+64	5.5 K	
	7	+4.6	+4.6	+4.6	55 OHM	
	K	+125	+125	+125	2.2 K	

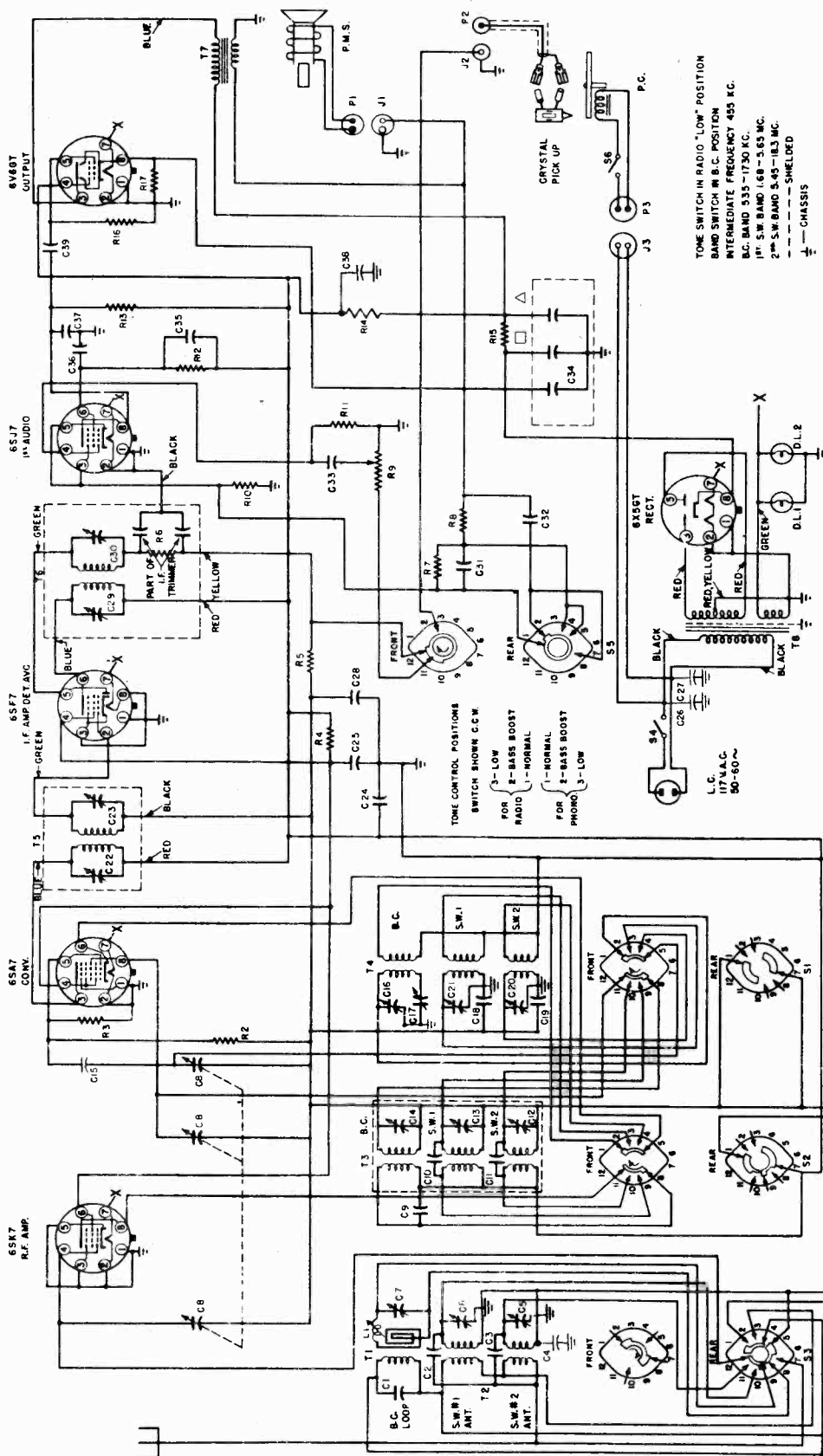
NOTE: ALL VOLTAGE AND RESISTANCE MEASUREMENTS MADE WITH RESPECT TO CHASSIS GROUND AND WITH A LINE VOLTAGE OF 116 V.A.C. AC-DC BATTERY SWITCH IS IN AC-DC POSITION

"clarified schematics"

LEAR, INC.

MODELS 6610, 6611, 6612
6610FC, 6611PC, 6612FC
Early production





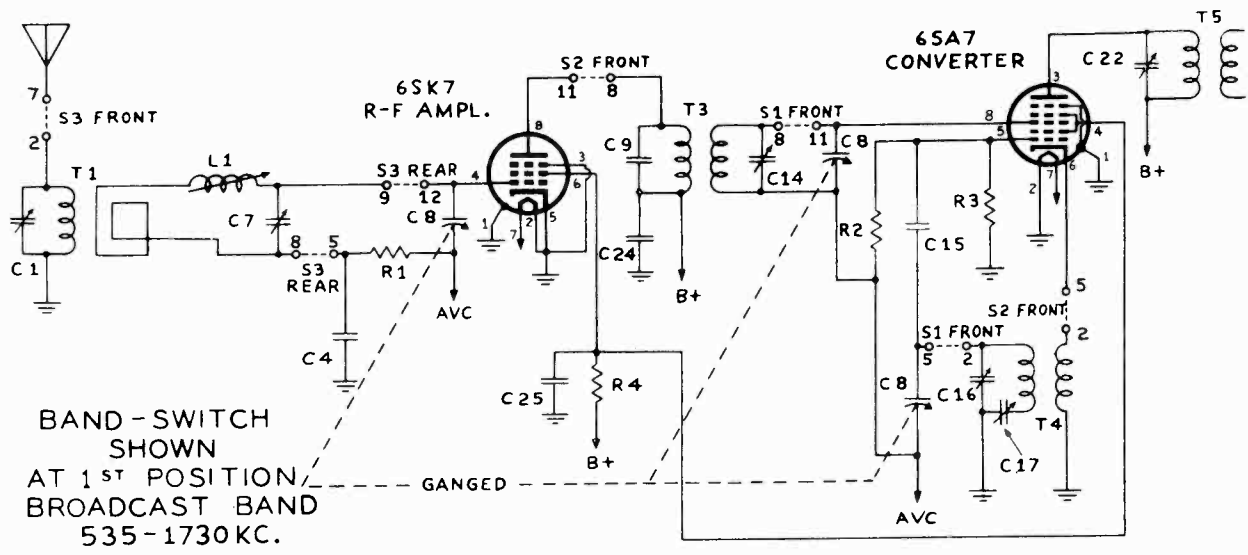
DMG. SYM.	PART NO.	DESCRIPTION
T1	B06251	B.C. LOOP ASSEMBLY
T2	B5028	B.C. BAND-LEVEL ADJ. ASSEMBLY
T3	B6202	B.C. TRIMMER (PART OF 655.Y)
T4	B6202	B.C. TRIMMER (PART OF 655.Y)
T5	B5350	NO. 1 I.F. TRANSFORMER
T6	B5351	NO. 2 I.F. TRANSFORMER
T7	B53941	OUTPUT
T8	B53941	OUTPUT
C1	A50255	1R 1/2W 100 OHM
C2	A50255	1R 1/2W 100 OHM
C3	A52655	0.001MFD 200V PAPER CAPACITOR
C4	A52656	0.001MFD 200V PAPER CAPACITOR
C5	A52656	0.001MFD 200V PAPER CAPACITOR
C6	A52656	0.001MFD 200V PAPER CAPACITOR
C7	A52656	0.001MFD 200V PAPER CAPACITOR
C8	A52642	3GANG VARIABLE CAPACITOR B-PULLEY
C9	B40507	100MMF MICA CAPACITOR
C10	A52674	3 MMFD FIBRO
C11	A52674	3 MMFD FIBRO
C12	B52844	SW 2 R.F. TRIMMER ASSEMBLY
C13	B52844	SW 2 R.F. TRIMMER ASSEMBLY
C14	B9607	100 MMF MICA CAPACITOR
C15	A26655	B.C. OSC. PADDER
C16	A26655	B.C. OSC. PADDER
C17	A50255	1R 1/2W 100 OHM
C18	A50255	1R 1/2W 100 OHM
C19	A52664	NO. 1 I.F. TRIMMER (PART OF 655.Y)
C20	A52664	NO. 2 I.F. TRIMMER (PART OF 655.Y)
C21	C92L23	NO. 1 I.F. TRIMMER (PART OF 655.Y)
C22	A52656	0.001MFD 200V PAPER CAPACITOR
C23	A52656	0.001MFD 200V PAPER CAPACITOR
C24	A52656	0.001MFD 200V PAPER CAPACITOR
C25	A52656	0.001MFD 200V PAPER CAPACITOR
C26	A52656	0.001MFD 200V PAPER CAPACITOR
C27	A52656	0.001MFD 200V PAPER CAPACITOR
C28	A52656	0.001MFD 200V PAPER CAPACITOR
C29	A52656	0.001MFD 200V PAPER CAPACITOR
C30	A52656	0.001MFD 200V PAPER CAPACITOR
C31	A52656	0.001MFD 200V PAPER CAPACITOR
C32	A52656	0.001MFD 200V PAPER CAPACITOR
C33	C56596	0.05 MFD 200V PAPER CAPACITOR
C34	B51939	100 OHM 350V
C35	C56622	0.1 OHM 400V PAPER CAPACITOR
C36	C56628	0.5 OHM 400V PAPER CAPACITOR
C37	C56628	0.5 OHM 400V PAPER CAPACITOR
C38	C56628	0.5 OHM 400V PAPER CAPACITOR
C39	C56628	0.5 OHM 400V PAPER CAPACITOR
R1	A52674	3 MMFD FIBRO
R2	A52674	3 MMFD FIBRO
R3	B53941	100MMF MICA CAPACITOR
R4	A52655	1R 1/2W 100 OHM
R5	A52655	1R 1/2W 100 OHM
R6	A52655	1R 1/2W 100 OHM
R7	A52655	1R 1/2W 100 OHM
R8	A52655	1R 1/2W 100 OHM
R9	A52655	1R 1/2W 100 OHM
R10	A52655	1R 1/2W 100 OHM
R11	A52655	1R 1/2W 100 OHM
R12	A52655	1R 1/2W 100 OHM
R13	A52655	1R 1/2W 100 OHM
R14	A52655	1R 1/2W 100 OHM
R15	A52655	1R 1/2W 100 OHM
R16	A52655	1R 1/2W 100 OHM
R17	A52655	1R 1/2W 100 OHM
L1	A50255	1R 1/2W 100 OHM
L2	A50255	1R 1/2W 100 OHM
L3	A50255	1R 1/2W 100 OHM
L4	A50255	1R 1/2W 100 OHM
P1	B53941	100MMF MICA CAPACITOR
J1	A52655	1R 1/2W 100 OHM
J2	A52655	1R 1/2W 100 OHM
J3	A52655	1R 1/2W 100 OHM
J4	A52655	1R 1/2W 100 OHM
J5	A52655	1R 1/2W 100 OHM
J6	A52655	1R 1/2W 100 OHM
J7	A52655	1R 1/2W 100 OHM
J8	A52655	1R 1/2W 100 OHM
J9	A52655	1R 1/2W 100 OHM
J10	A52655	1R 1/2W 100 OHM
J11	A52655	1R 1/2W 100 OHM
J12	A52655	1R 1/2W 100 OHM
J13	A52655	1R 1/2W 100 OHM
J14	A52655	1R 1/2W 100 OHM
J15	A52655	1R 1/2W 100 OHM
J16	A52655	1R 1/2W 100 OHM
J17	A52655	1R 1/2W 100 OHM
J18	A52655	1R 1/2W 100 OHM
J19	A52655	1R 1/2W 100 OHM
J20	A52655	1R 1/2W 100 OHM
J21	A52655	1R 1/2W 100 OHM
J22	A52655	1R 1/2W 100 OHM
J23	A52655	1R 1/2W 100 OHM
J24	A52655	1R 1/2W 100 OHM
J25	A52655	1R 1/2W 100 OHM
J26	A52655	1R 1/2W 100 OHM
J27	A52655	1R 1/2W 100 OHM
J28	A52655	1R 1/2W 100 OHM
J29	A52655	1R 1/2W 100 OHM
J30	A52655	1R 1/2W 100 OHM
J31	A52655	1R 1/2W 100 OHM
J32	A52655	1R 1/2W 100 OHM
J33	A52655	1R 1/2W 100 OHM

"clarified schematics"

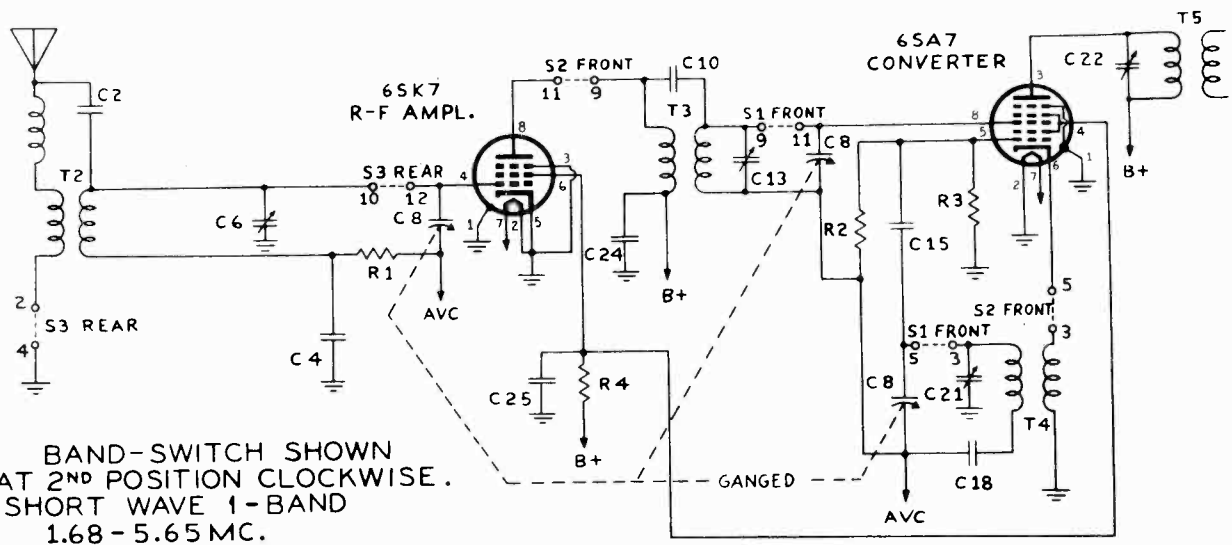
PAGE 17-4 LEAR

MODELS 6610, 6611, 6612,
6610PC, 6611PC, 6612PC
Late production

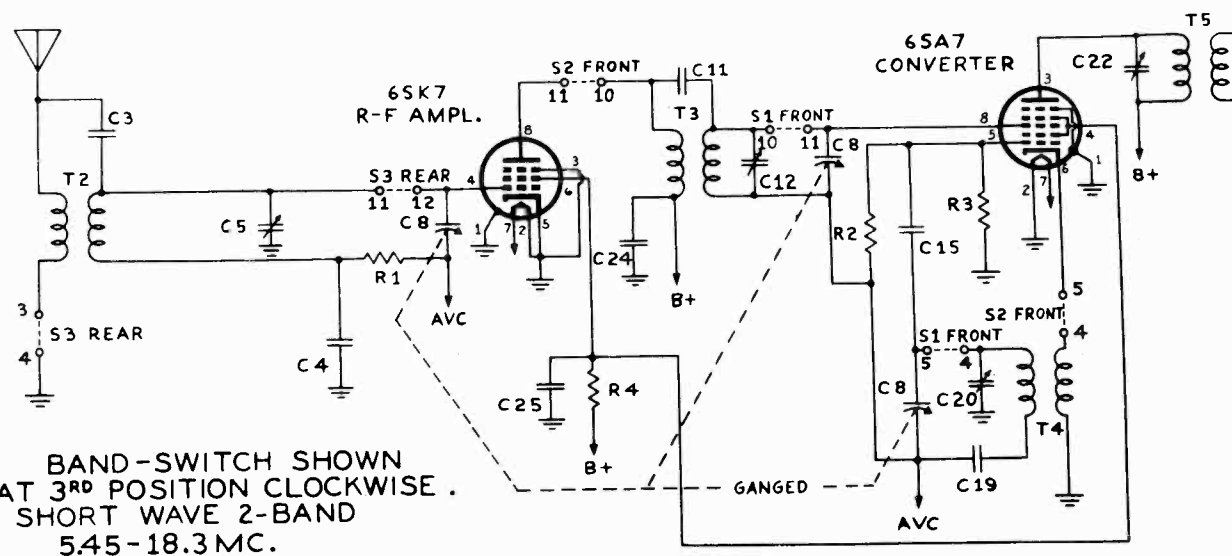
LEAR, INC.



BAND-SWITCH SHOWN
AT 1ST POSITION
BROADCAST BAND
535-1730 KC.



BAND-SWITCH SHOWN
AT 2ND POSITION CLOCKWISE.
SHORT WAVE 1-BAND
1.68 - 5.65 MC.

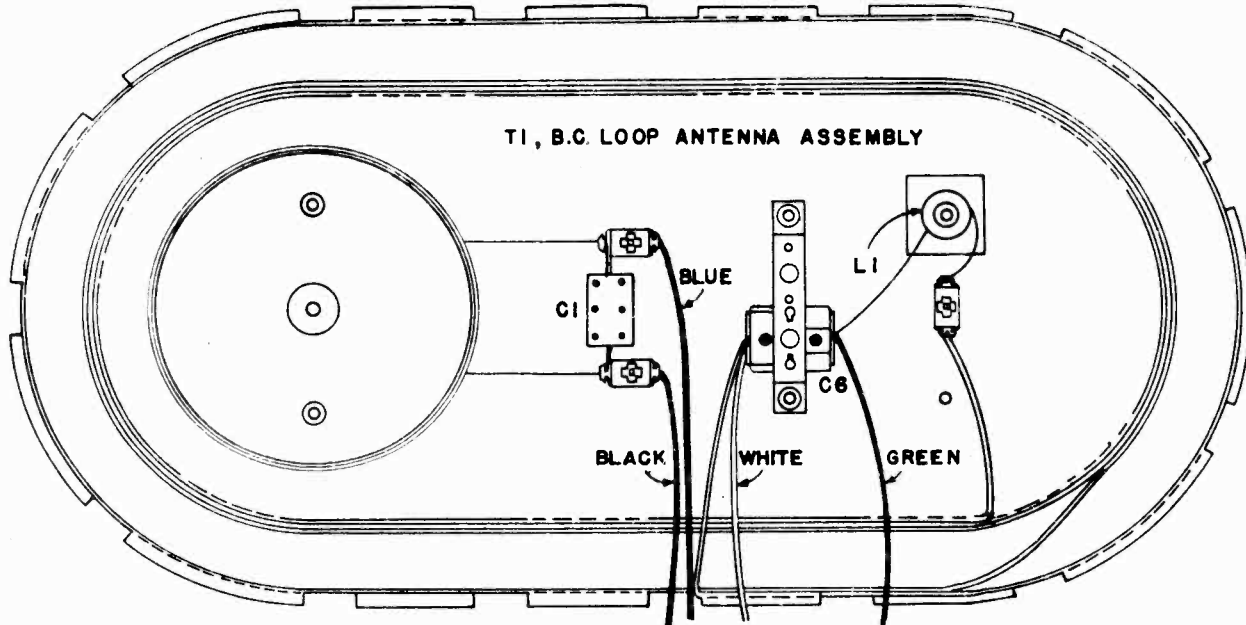


BAND-SWITCH SHOWN
AT 3RD POSITION CLOCKWISE.
SHORT WAVE 2-BAND
5.45-18.3 MC.

MODELS 6610, 6611, 6612,
6610PC, 6611PC, 6612PC
Early and late production

LEAR, INC.

LOOP WIRING DIAGRAM



DIAL DRIVE DIAGRAM

