CROSLEY DIV.
AVCO MFG. CORP.

MODEL 348-CP

SYMBOL	PART NUMBER	DESCRIPTION		PART OF SYMBOL
R-333	W-137021	Resistor	400 ohm 4W	
R-334	W-137021	"	700 ohm 4W	
R-335	39374-53	"	220K ohm $\frac{1}{2}$W	
R-336	B-138551	Control	5K ohm Horizon Hold	
R-337	39374-29	Resistor	2.2K ohm $\frac{1}{2}$W	
R-338	B-138025	Control	20 ohm Focus	
R-339	39374-53	Resistor	220 K ohm $\frac{1}{2}$W	
R-340	B-138024	Control	10K ohm (Vert. Hold)	
R-341	39374-37	Resistor	10K ohm $\frac{1}{2}$W	
R-342	39373-92	"	1M ohm $\frac{1}{2}$W	
R-343	39373-92	"	1M ohm $\frac{1}{2}$W	
R-344	39373-60	"	22K ohm $\frac{1}{2}$W	
R-345	39373-84	"	330K ohm $\frac{1}{2}$W	
R-346	B-142735	Control	3M ohm (Tone)	
R-347	39374-69	Resistor	2.2M ohm $\frac{1}{2}$W	
RC-301	AW-139792	Record Changer		
S-301	W-136998	Phono Jack		
S-302	B-139727-3	Cable & Socket (Phono Motor)		
S-303	AB-138935	Speaker Cable & Socket		
S-304	AB-138714	Socket & Cable (Cabinet Pilot Light)		
SP-301	C-138777	Speaker Assem.		
SWZ	B-137956	Switch Function		
SW3	C-135946	Range Switch		
T-301	AC-136171	F.M. Ant Trans.		
T-302	AC-136264	1st I.F. Trans. (A)		
T-303	AC-136081	1st I.F. Trans. (B)		
T-304	AC-136276	1st A.M. I.F., 2nd F.M. I.F.		
T-305	AC-136260	Discriminator Trans.		
T-306	AC-136261	2nd A.M. I.F. Trans.		
T-307	B-138131-2	Transformer - Output Part of S301		
T-308	B-135336	Transformer - Power		
TL-301	142882-1	75 ohm Transmission Line (in 75 ft. Rolls)		
TL-302	142882-1	75 ohm Transmission Line (in 75 ft. Rolls)		
	138851	Control Panel Assy.		
	139006	Record Changer Drawer Slides		
	144073	Record Changer Drawer Frame Assy.		
	144074	Record Changer Drawer Panel & Radio Bin Panel		
	144075	Record Compartment Doors (Left & Right)		
	144082	Radio Bin Frame Assy.		
	144076	Radio Bin Hinged Slide Assy.		
	144077	Tambour (Right)		
	144078	Tambour (Left)		
	144079	Grille (Metal)		
	143509	Grille (Cloth)		
	144080	Knob, Record Compartment Door		
	143829	Handle, Drawer & Radio Bin		
	AW-137266	Hinge, Record Compartment Door		
	144081	Hinge, Radio Bin		
	139319-SB	Catch & Strike Assembly		
	139950	Decal (Crosley)		
	138953	Decal (Tone)		

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SYMBOL	PART NUMBER	DESCRIPTION	PART OF SYMBOL
	138954	Decal (Volume)	
	138955	Decal (Tuning)	
	138956	Decal (AM - SW - FM)	
	138299	Decal (Focus)	
	138300	Decal (Horizontal)	
	138301	Decal (Vertical)	
	138302	Decal (Brilliance)	
	138303	Decal (Contrast)	
	138304	Decal (Switch)	
	138305	Decal (Channel Selector)	
	138567	Indicator (Power)	
	138541	Safety Glass	
	138542	Gasket	
	138507	Clips (Safety Glass)	
	138600	Tube Socket (4 prong)	
	210860-9	Tube Socket (6AS7)	
	39437-1	Tube Socket (Octal - small)	
	39388	Tube Socket (Octal - Large)	
	AD-139924	Cabinet Back Assem.	
	B-138283	Flexible Shaft	
	W-137349	Knob (6 Req.)	
	W-137350	Knob (3 Req.)	
	W-135391	Knob (2 Req.)	
	W-139523	Channel Number Sheet	
	W-139525-1	Channel Number Cover	
	B-138622	Bin Spring (Top)	
	W-138811	Bin Spring (Bottom)	
	AD-138993	Picture Pilot (Channel 2-4)	
	AD-139728	Picture Pilot (Channel 3-6)	
	AD-139916	Picture Pilot (Channel 5-7)	
	AW-143071	Picture Pilot (Channel 8-10 or 9-11)	
	AW-143217	Picture Pilot (Channel 12 or 13)	
	AR-137909	Cabinet Assembly	
		SLIDE MECHANISM PARTS	
M-1	AW-139271	Assem. - Arm & Hub	
M-2	W-137814	Slide - Spring (R.H.)	
M-3	W-137812	Cam Lever	
M-4	W-137821	Cam Roller	
M-5	B-137830	Cam	
M-6	W-138104	Adjusting Screw	
M-7	W-134956	#8-32 Tee Nut	
M-8	W-137819	Cam Roller Sleeve	
M-9	B-138111	Drive Pulley	
M-10	W-138103	Cable	
M-11	W-138107	Cable Clamp	
M-13	AW-139273	Assem. - Take Up Pulley & Bracket	
M-14	W-137815	Cable Take Up Spring	
M-15	AW-139272	Assem. - Idler Pulley & Bracket	
M-16	W-137813	Slide - Spring (L.H.)	
M-17	W-137825	Slide Bracket	
M-18	W-138106	Sleeve - Top Bearing	

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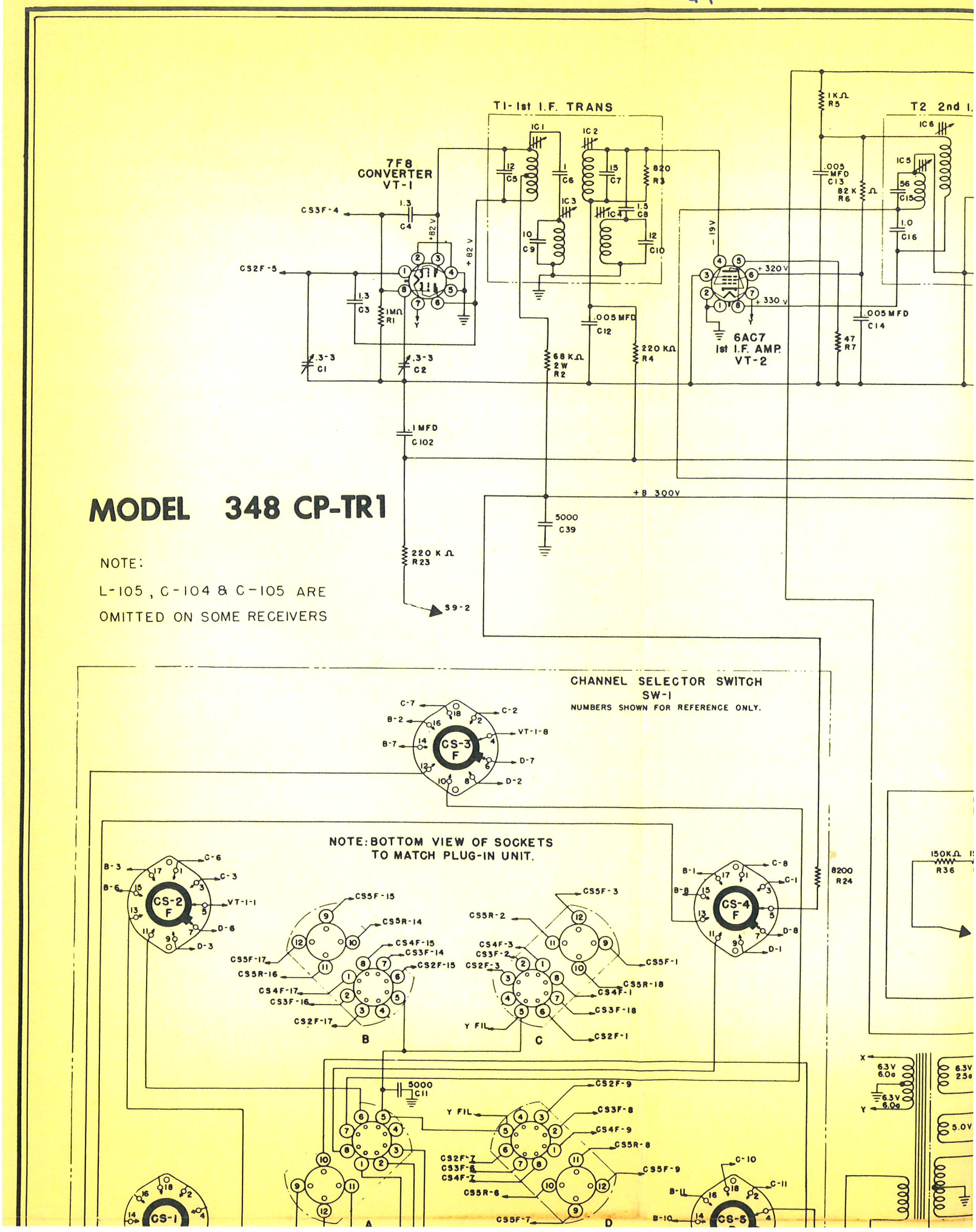
MODEL 348 CP-TR1
NOTE:
L-105, C-104 & C-105 ARE OMITTED ON SOME RECEIVERS
7F8 CONVERTER VT-1
T1-1st I.F. TRANS
T2 2nd I.
6AC7 1st I.F. AMP. VT-2
CHANNEL SELECTOR SWITCH SW-1
NUMBERS SHOWN FOR REFERENCE ONLY.
NOTE: BOTTOM VIEW OF SOCKETS TO MATCH PLUG-IN UNIT.
CS-1
CS-2 F
CS-3 F
CS-4 F
CS-5
+B 300V
S9-2
6.3V 6.0a
6.3V 2.5a
5.0V

CROSLEY DIV.
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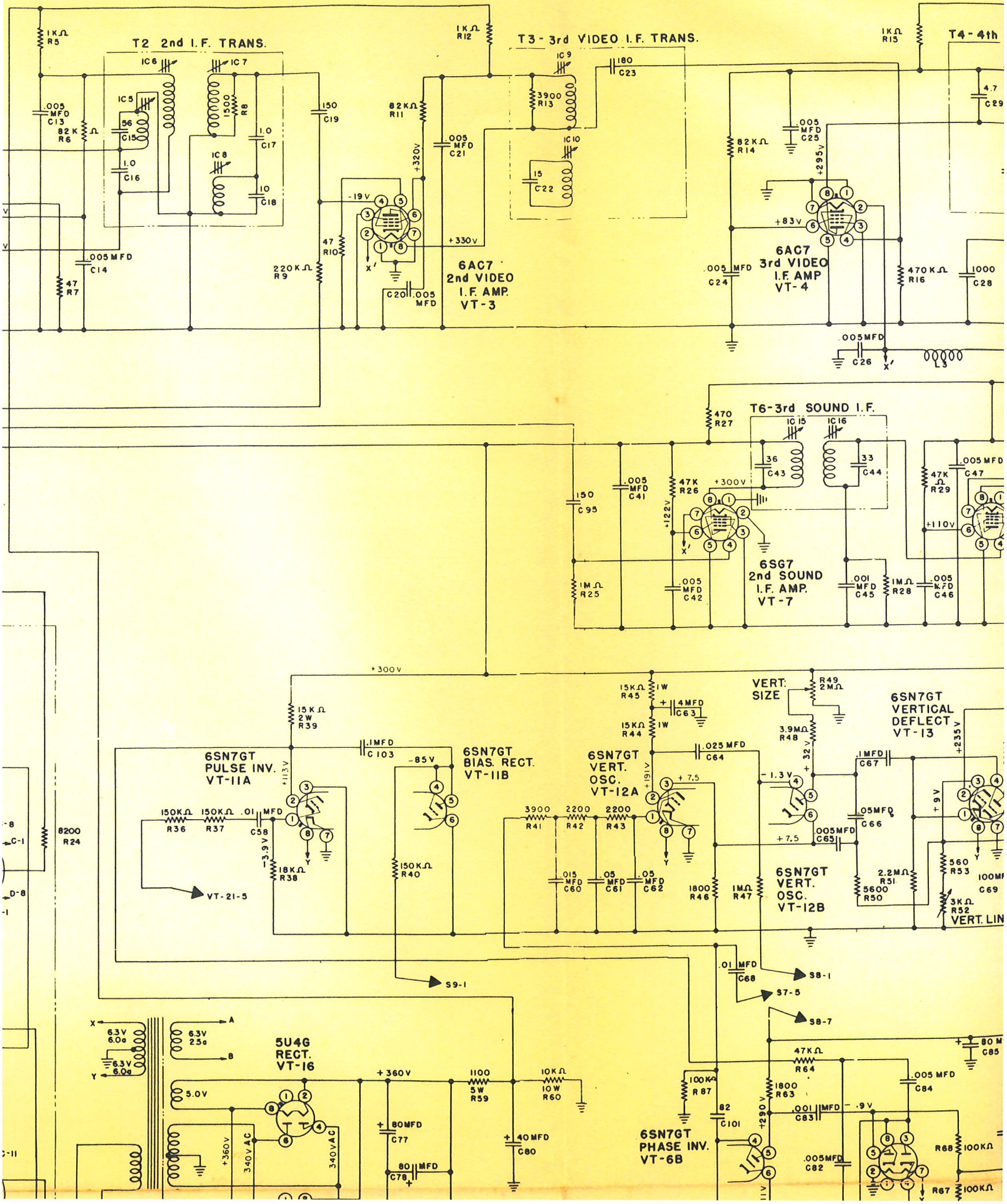
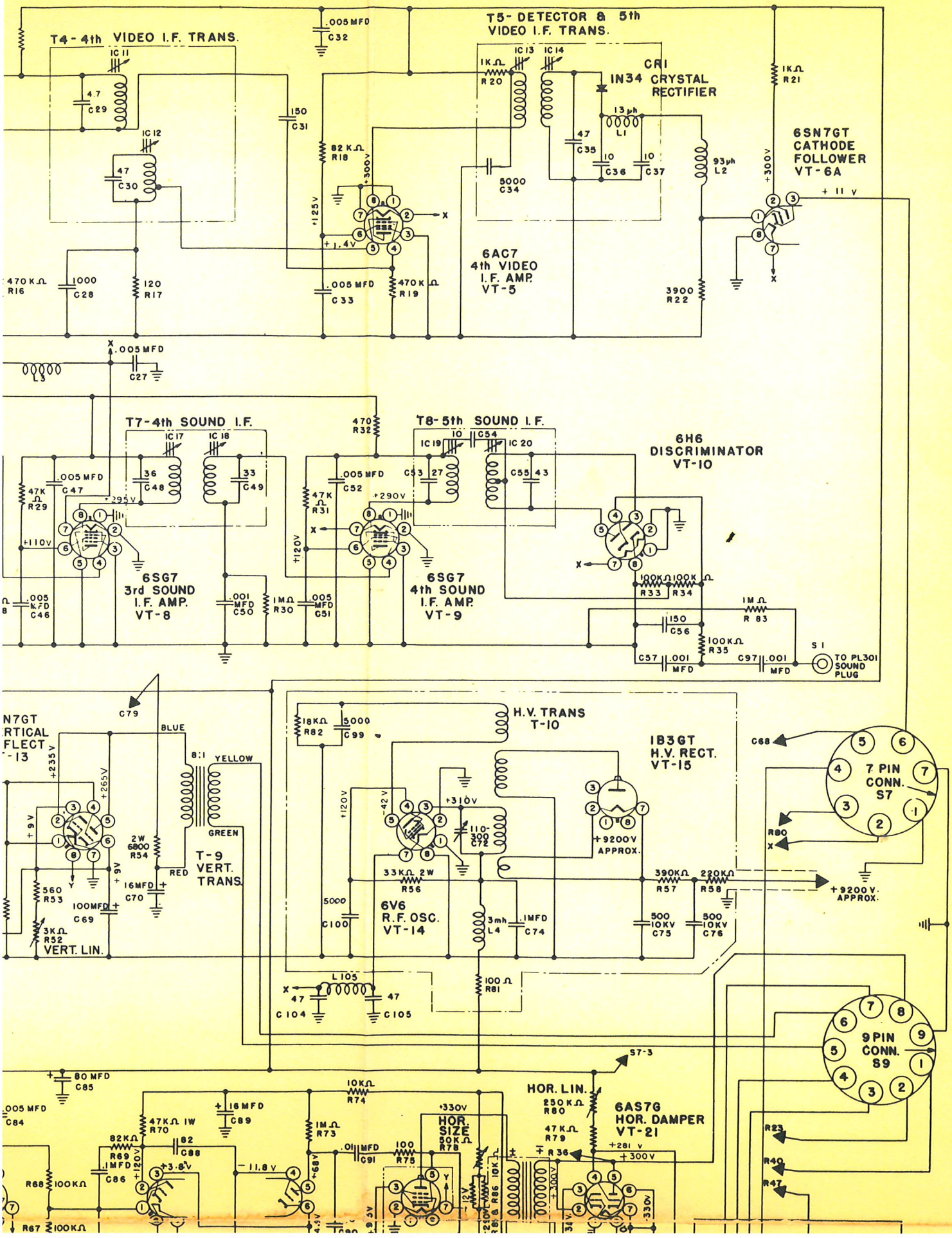
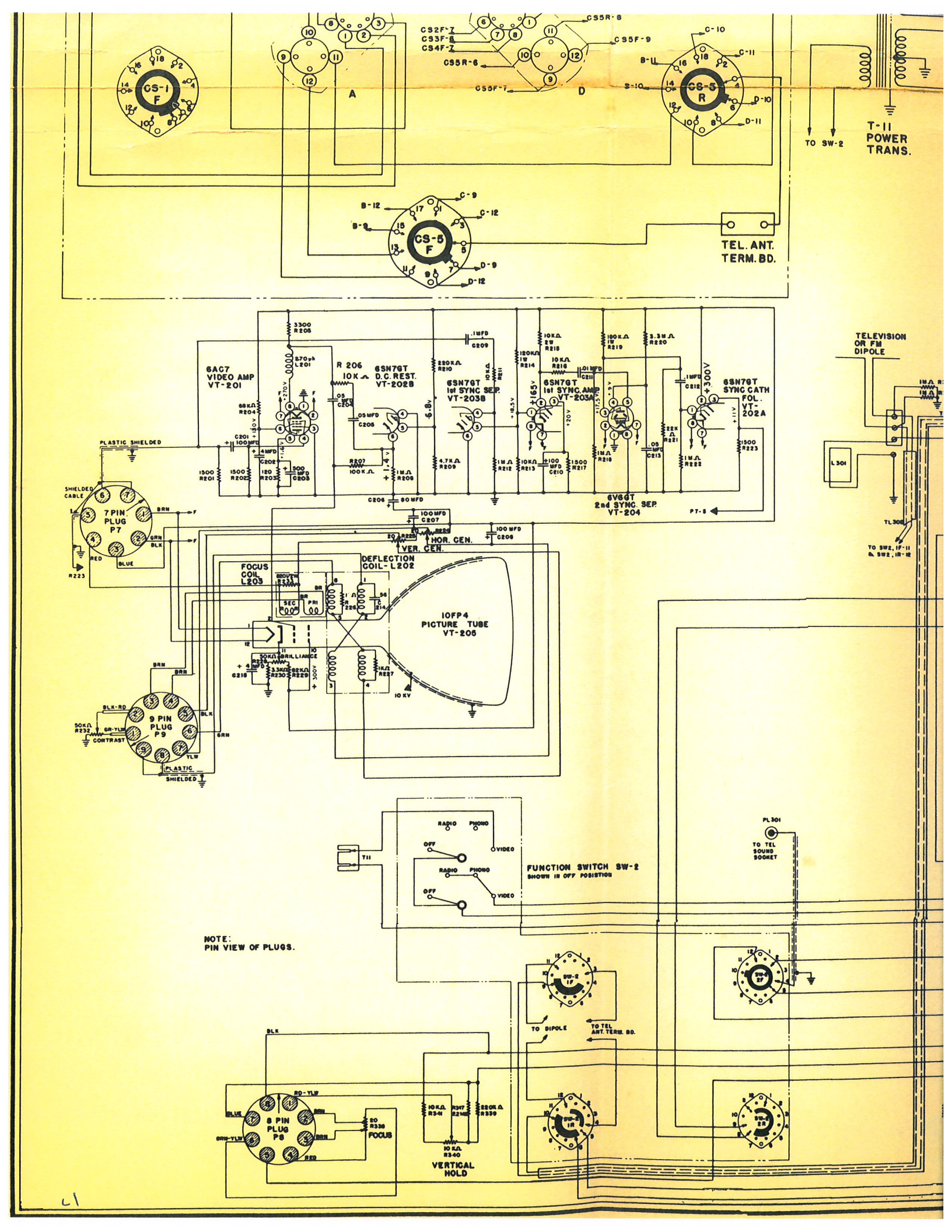
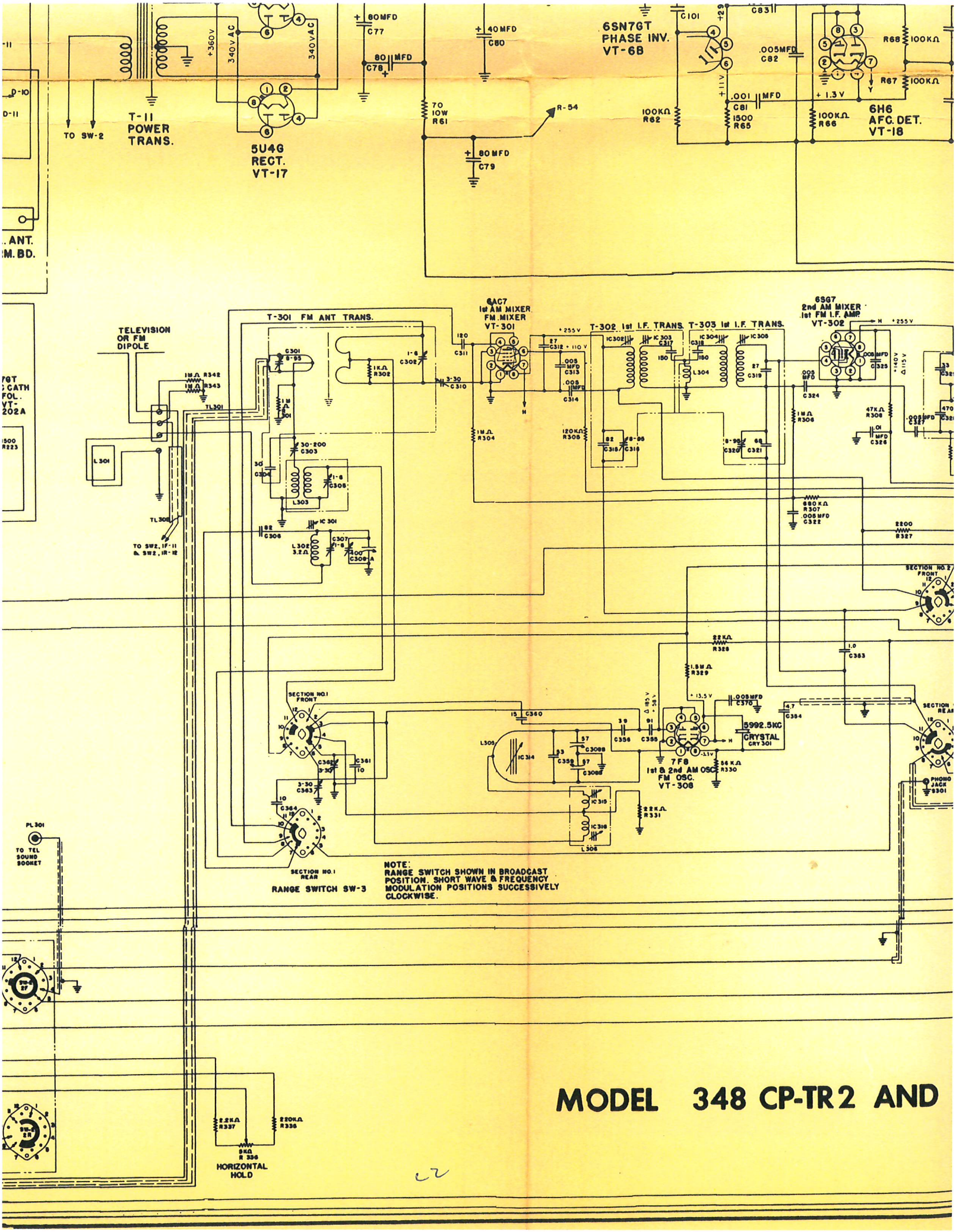


MODEL 348-CP,
CHASSIS TR-1, TR-2, TR-3

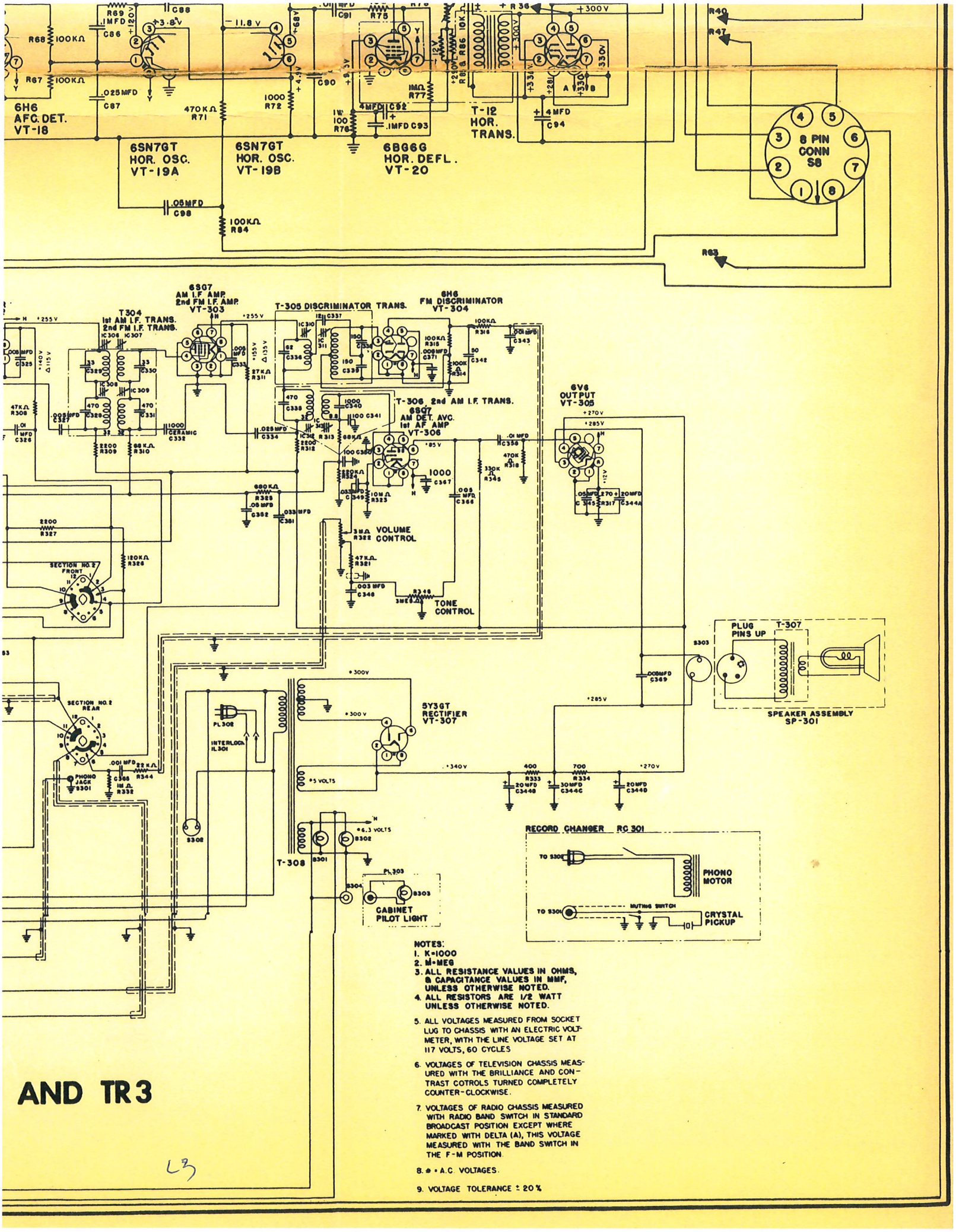



CS-1 F
A
C92F-7
C93F-8
C94F-7
C95R-8
C95F-9
C95R-6
C95F-7
D
C-10
C-11
B-11
B-10
CS-5 R
D-10
D-11
TO SW-2
T-11 POWER TRANS.
B-12
C-9
C-12
B-9
CS-5 F
D-9
D-12
TEL. ANT. TERM. BD.
6AC7 VIDEO AMP VT-201
R 206 10 KΩ
6SN7GT D.C. REST. VT-202B
6SN7GT 1st SYNC SEP. VT-203B
6SN7GT 1st SYNC. AMP VT-203A
6SN7GT SYNC CATH FOL. VT-202A
6V6GT 2nd SYNC. SEP. VT-204
TELEVISION OR FM DIPOLE
L301
TL301
TO SW2, IF-11 & SW2, IR-12
PLASTIC SHIELDED
SHIELDED CABLE
7 PIN PLUG P7
R223
FOCUS COIL L203
DEFLECTION COIL-L202
HOR. CEN.
VER. CEN.
10FP4 PICTURE TUBE VT-205
BRILLIANCE
9 PIN PLUG P9
CONTRAST
PLASTIC SHIELDED
RADIO
PHONO
OFF
VIDEO
FUNCTION SWITCH SW-2
SHOWN IN OFF POSITION
PL301
TO TEL SOUND SOCKET
NOTE:
PIN VIEW OF PLUGS.
TO DIPOLE
TO TEL ANT. TERM. BD.
8 PIN PLUG P8
FOCUS
VERTICAL HOLD



MODEL 348 CP-TR2 AND

12



NOTES:

1. K=1000
2. M=MEG
3. ALL RESISTANCE VALUES IN OHMS, & CAPACITANCE VALUES IN MMF, UNLESS OTHERWISE NOTED.
4. ALL RESISTORS ARE 1/2 WATT UNLESS OTHERWISE NOTED.
5. ALL VOLTAGES MEASURED FROM SOCKET LUG TO CHASSIS WITH AN ELECTRIC VOLTMETER, WITH THE LINE VOLTAGE SET AT 117 VOLTS, 60 CYCLES
6. VOLTAGES OF TELEVISION CHASSIS MEASURED WITH THE BRILLIANCE AND CONTRAST COTROLS TURNED COMPLETELY COUNTER-CLOCKWISE.
7. VOLTAGES OF RADIO CHASSIS MEASURED WITH RADIO BAND SWITCH IN STANDARD BROADCAST POSITION EXCEPT WHERE MARKED WITH DELTA (Δ), THIS VOLTAGE MEASURED WITH THE BAND SWITCH IN THE F-M POSITION.
8. ✱ = A.C. VOLTAGES.
9. VOLTAGE TOLERANCE ± 20%

AND TR3

L3

CROSLEY DIV.
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SERVICE INSTRUCTION NO 1-08

SUBJECT— MODEL 348CP TELEVISION RECEIVER, FIELD ALIGNMENT OF CHANNEL 7 PICTURE PILOT.

Field alignment of Picture Pilots will sometimes result in an improved picture. With the picture pilot in the receiver and with a channel 7 signal being received, proceed as follows:

1. Remove the bottom cover of the picture pilot, after unscrewing the two cross-recessed self tapping screws.
2. Plug the unit into the channel 2-4 position. Make certain a good R.F. ground is obtained between the frame of the picture pilot and the ground clip.
3. Turn the channel selector switch to channel 4 position.
4. Adjust the oscillator as described in Television Service Information Sheet under "OSCILLATOR ADJUSTMENT".
5. Decrease the Contrast and advance the Brilliance control until a weak picture is received on white background.
6. With an insulated screwdriver, adjust the primary trimmer (Fig. 1) for brightest picture with the least amount of "snow". Maintain as low a contrast setting as possible while still keeping the picture visible.
7. Replace bottom cover and screws.
8. Plug picture pilot into channel 5-7 position.
9. Turn channel selector switch to channel 7.
10. Again adjust oscillator as described on Television Service Information.

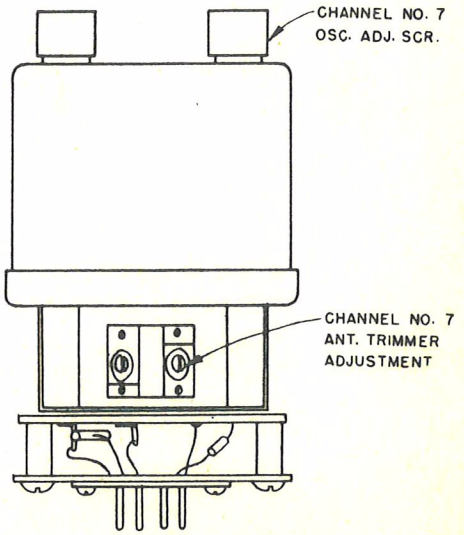

Fig. 1

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