



## REPAIR PARTS and SERVICE INSTRUCTIONS

### CHASSIS RELEASES C14, C15, C16, C17, C18, B14, B15, B16, B17 & B18

THE REPAIR PARTS AND SERVICE INSTRUCTIONS THAT FOLLOW REPRESENT THOSE SYLVANIA CHASSIS WITH CHASSIS CODING OF C14, B15, C16, C17 OR C18 AND BRIDGE CODING OF B14, B15, B16, B17 OR B18.

REFER TO THE SCHEMATIC DIAGRAM PAGE 55 FOR CODING IDENTIFICATION OF THE CHANGES NOTED IN RED. FOR SERVICE INFORMATION ON THIS REVISED CHASSIS NOT COVERED IN THIS SUPPLEMENT, REFER TO BULLETIN 9-2 AND SUPPLEMENT 1.

Replacement for the 1st and 2nd R. F. Amplifiers in the Tuner should now be made with type 6BC5 tube. These tubes have a much higher gain. This part replacement should be included on all early chassis.

#### DEFLECTION YOKE ADJUSTMENT

The deflection yoke must be positioned against the flare of the picture tube. To do this, loosen the wing screw located underneath the yoke and push the yoke as far forward as possible. If the picture is not square with the mask, rotate the yoke.

The two side wing screws formerly attached to the cradle to raise or lower the yoke are no longer used. The cradle is now correctly positioned at the factory and permanently secured in place.

#### ALIGNMENT PROCEDURE

Refer to Bulletin 9-2, page 16 for AM-FM Alignment and to Supplement 3 of Bulletin 9-1 for revised Television Alignment.

#### A G C CONTROL ADJUSTMENT

This control has been correctly adjusted at the factory and should require no further adjustment. If adjustment becomes necessary as evidenced by poor horizontal or vertical sync; poor noise immunity (picture rolls or tears); poor video signal (poor contrast). Adjust as follows:

1. Remove the receiver from the cabinet.
2. Lay the receiver on its side.
3. Connect a good antenna installation to the receiver.
4. Tune the receiver to a channel on which no picture is received.
5. Set the contrast control to mid-position.
6. Turn the AGC control fully counterclockwise. The AGC control is the small screwdriver adjustment control in the right rear corner on the underside of the chassis.
7. Connect a VTVM from the AGC Amplifier plate to ground (V15, 12AU7, pin 6) and set the AGC control to obtain a negative 0.1 volt reading.  
Note: On some receivers the closest approach to this reading will be the fully counterclockwise position.
8. With the AGC Control set as above, turn the contrast control to almost maximum (about 7/8) and tune in the strongest station available in the area.
9. Again read the AGC Amplifier plate voltage; if reading is less than a negative 2.0 volts leave the control as set and stake with glyptal.
10. If the AGC Amplifier plate voltage is more than 2 volts negative, slowly turn the AGC control clockwise observing the picture.
11. The picture will get darker and then finally start to fall out of sync as evidenced by a sudden shift or jittering of the picture in either the horizontal or vertical direction. Do not turn beyond this point.
12. Back off (counterclockwise) slowly on the control until the picture holds in sync without flutter and turn slightly beyond. (Experience will dictate how far beyond to turn).



13. Rock the tuning control slightly either side of the best tuning point to insure picture stays in sync; if not, turn slightly further counterclockwise and check again.
14. As a final check, turn the volume control up to normal level. Intercarrier buzz should be negligible.
15. Remove objectionable intercarrier buzz by turning the AGC control slightly further counterclockwise.

(Note: The intercarrier buzz is merely a reference for correct adjustment of the AGC control and only a slight touch-up should be necessary. If much adjustment is required to remove intercarrier buzz,

the sound section is maladjusted and requires realignment).

16. Rock the tuning control slightly either side of the best tuning point and turn the AGC control slightly more counterclockwise as necessary to remove objectionable intercarrier buzz.
17. Stake the control with glyptal and replace chassis in cabinet.

The intent of the above AGC control adjustment is to provide a maximum of AGC action consistent with proper sync and minimum intercarrier buzz on strong signals.

### REVISED SYLVANIA TUBE COMPLEMENT

(includes rectifiers and picture tube)

Symbol                      Function                      Type

#### TELEVISION

(V1)	1st RF Amplifier .....	6BC5
(V2)	2nd RF Amplifier .....	6BC5
(V3)	Oscillator - Mixer .....	6J6
(V4)	1st Video IF Amplifier .....	6BA6
(V5)	2nd Video IF Amplifier .....	6BA6
(V6)	3rd Video IF Amplifier .....	6AU6
(V7)	4th Video IF Amplifier .....	6AG5
(V8)	Video Det., AGC Line Clamper ...	6AL5
(V9)	Video Amplifier .....	6AQ5
(V10)	Sound IF Amplifier .....	6AU6
(V11)	Sound IF Limiter .....	6AU6
(V12)	Ratio Detector .....	6AL5
(V13)	1st Audio Amplifier .....	6AU6
(V14)	Audio Output .....	6Y6G
(V15)	AGC Amp., Vert. Osc.....	12AU7
(V16)	Hor, & Vert. Sync. Sep.....	12AX7
(V17)	Hor, & Vert. Sync. Clippers ....	12AU7

(V18)	Vertical Output .....	6AQ5
(V19)	Horizontal Discriminator .....	6AL5
(V20)	Horizontal Control.....	6AU6
(V21)	Hor. Osc. & Discharge .....	12AU7
(V22)	Horizontal Output .....	6BQ6GT
(V23)	Damper .....	6W4GT
(V24)	High Voltage Oscillator .....	6Y6G
(V25)	High Voltage Rectifier .....	1B3GT
(V26)	Low Voltage Rectifier (B <sub>1</sub> ) .....	7X6
(V27)	Low Voltage Rectifier (B <sub>2</sub> ) .....	5U4G
(V28)	Picture Tube (Model 1-076) .....	10MP4
(V28)	Picture Tube (Model 1-128).....	12VP4

#### RADIO TUNER

(V29)	Oscillator - Mixer .....	12AT7
(V30)	1st IF Amplifier, AM & FM .....	6BA6
(V31)	2nd IF Amplifier, AM & FM .....	6BA6
(V32)	FM Ratio Detector, AM Detector ...	6T8

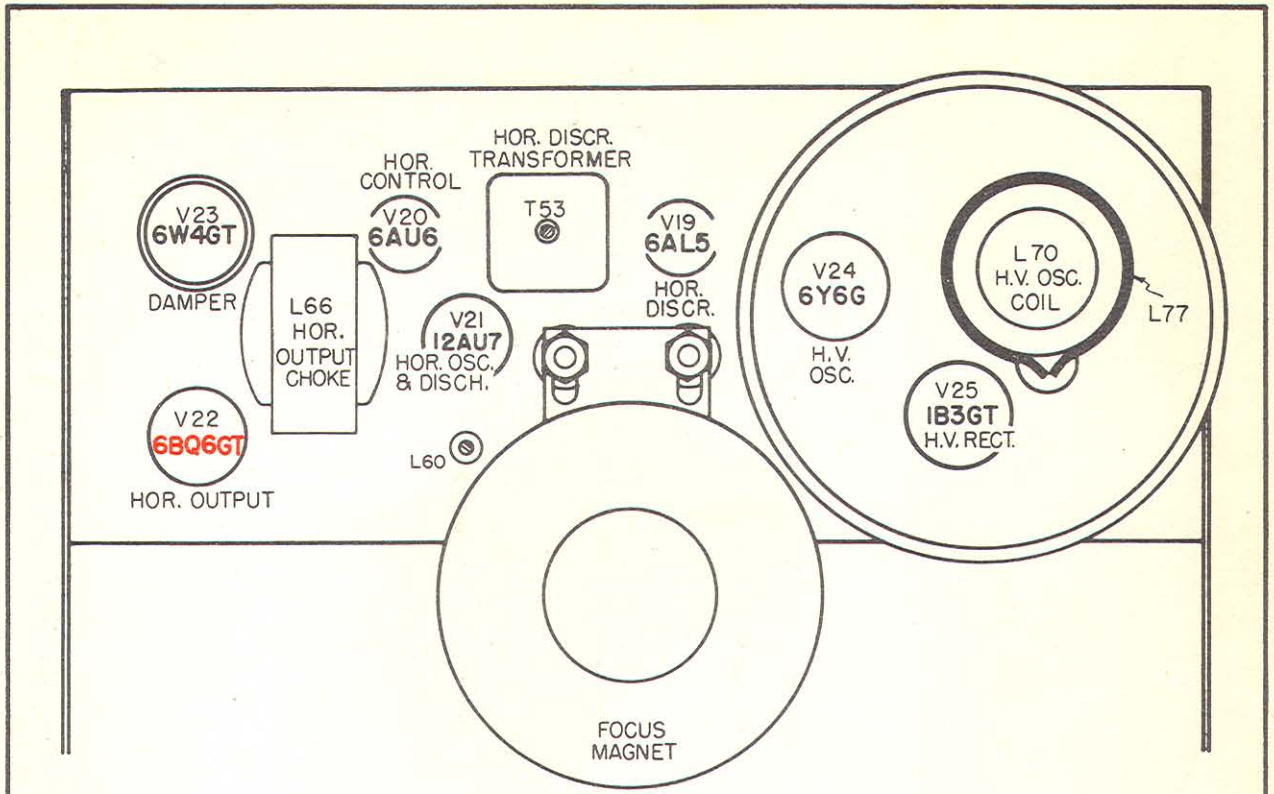


FIG. 27 - BRIDGE TOP LAYOUT (B18)

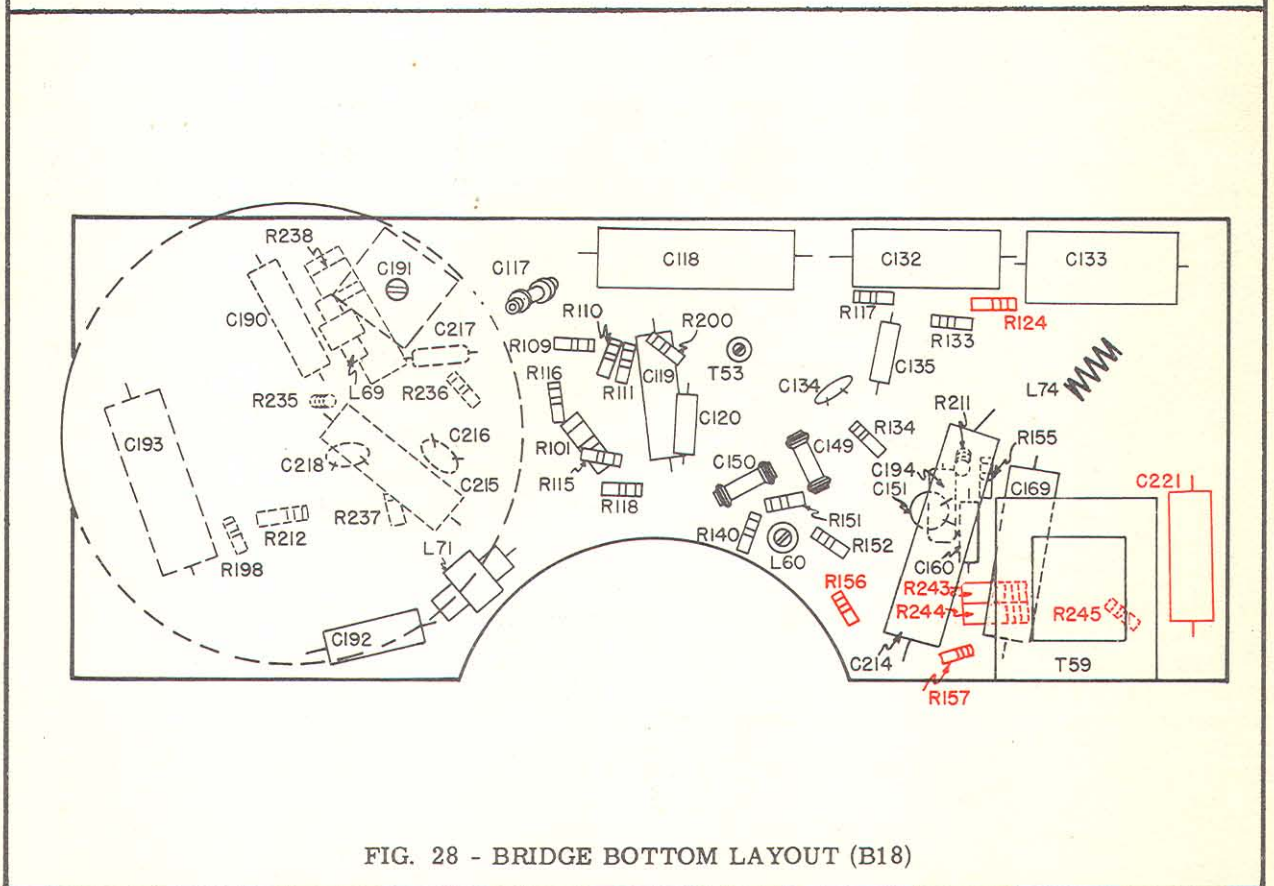


FIG. 28 - BRIDGE BOTTOM LAYOUT (B18)



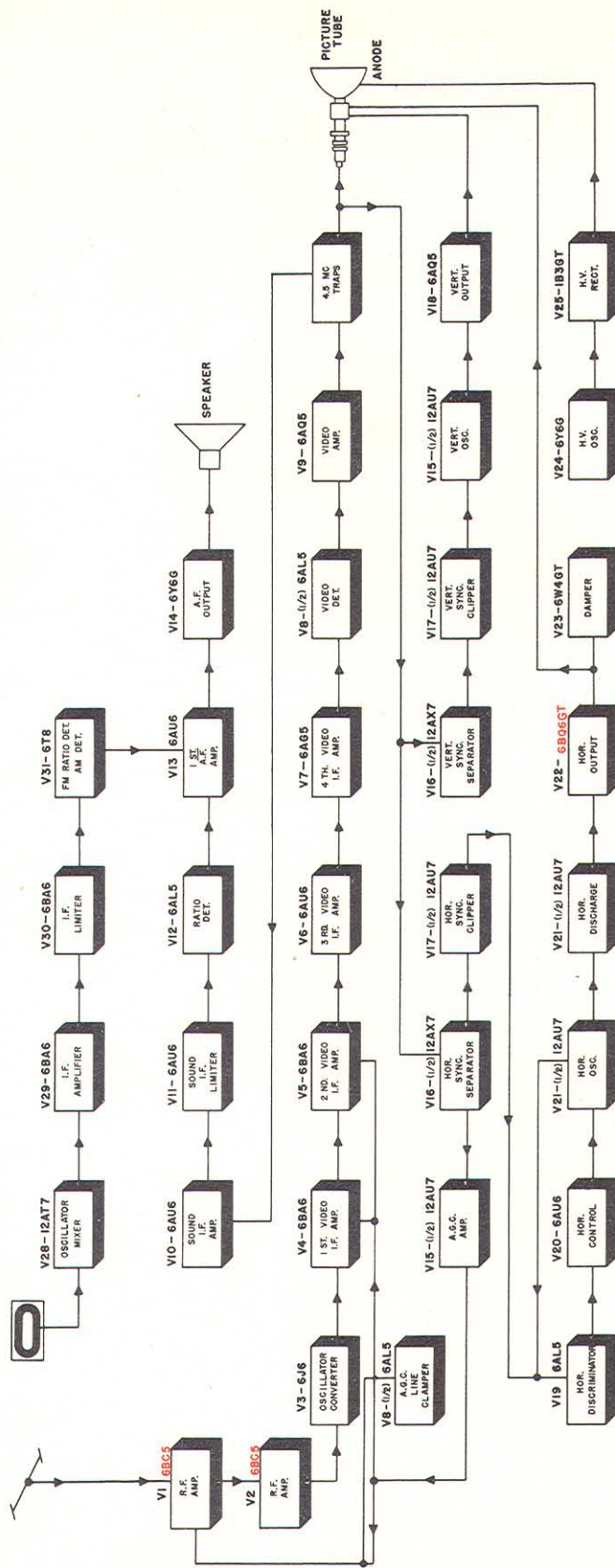


FIG. 29 - BLOCK DIAGRAM (CHASSIS C18; BRIDGE B18)

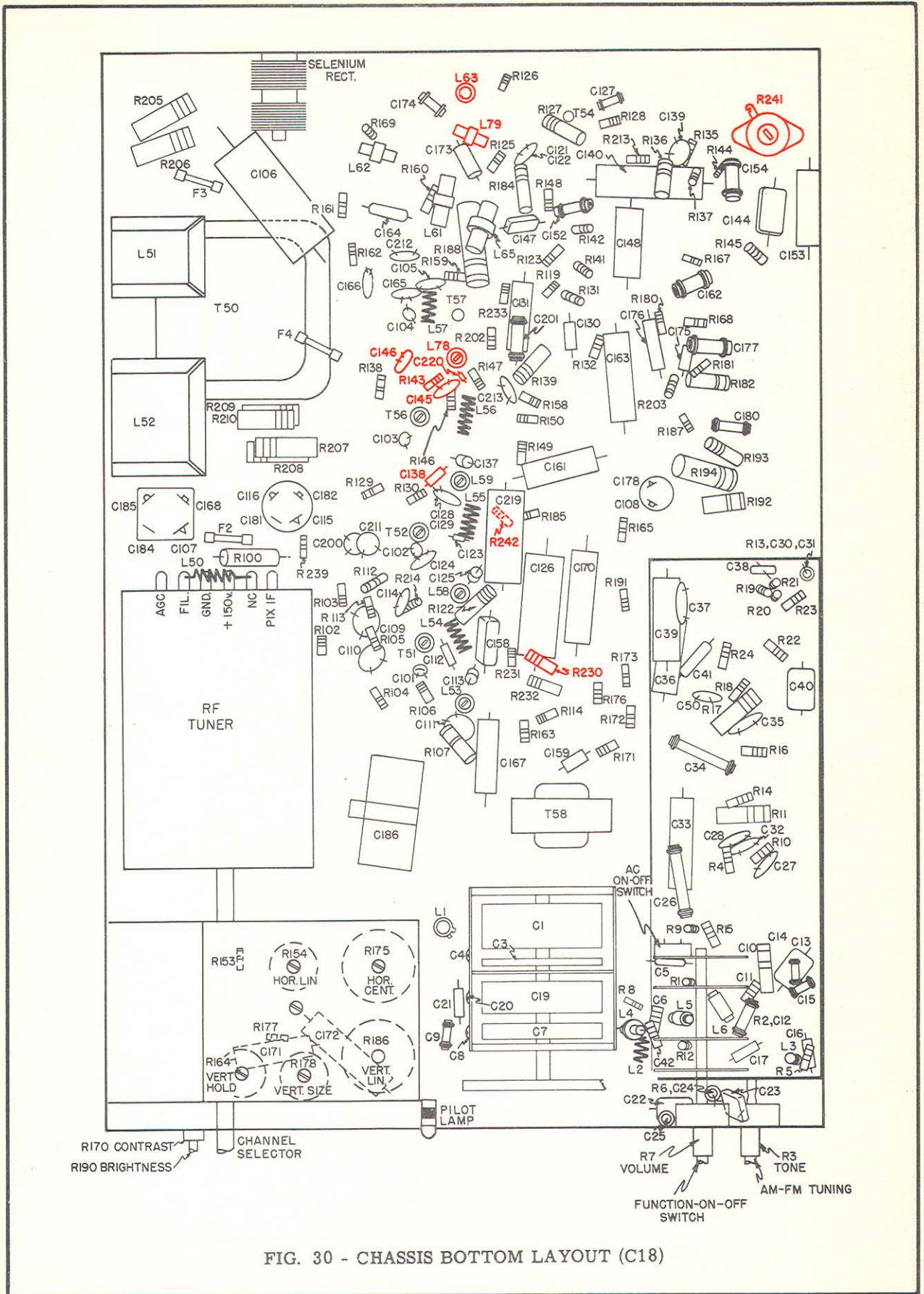
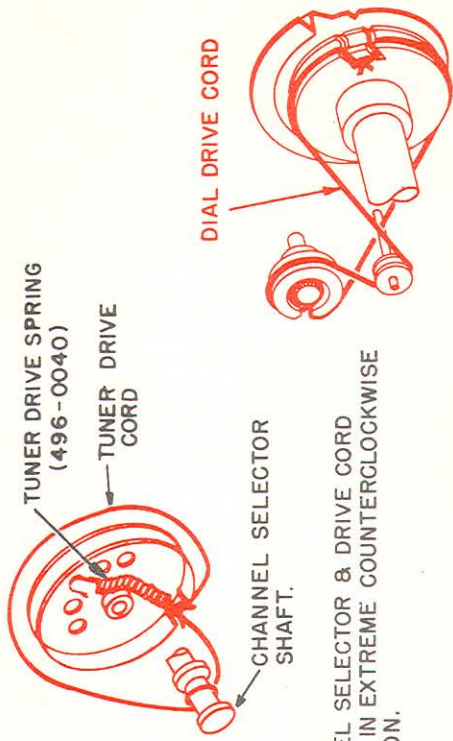
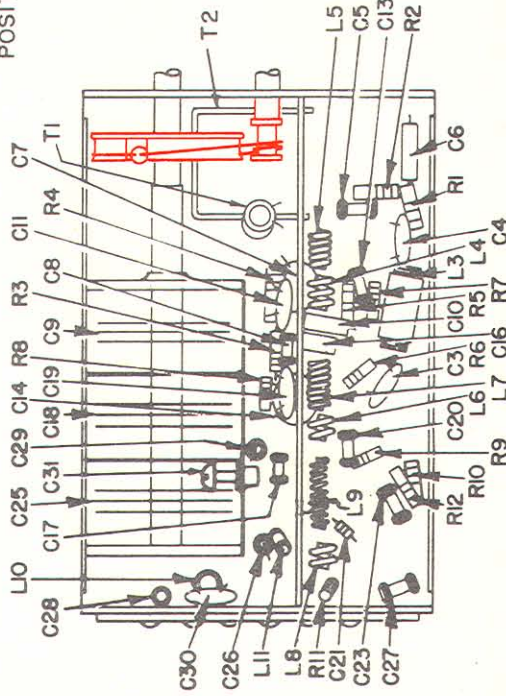
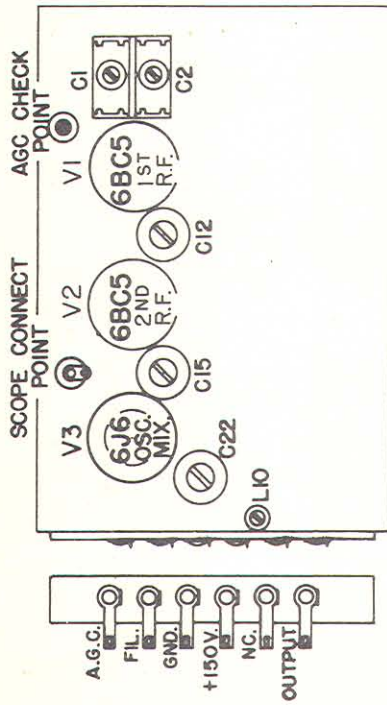


FIG. 30 - CHASSIS BOTTOM LAYOUT (C18)





CHANNEL SELECTOR & DRIVE CORD SHOWN IN EXTREME COUNTERCLOCKWISE POSITION.

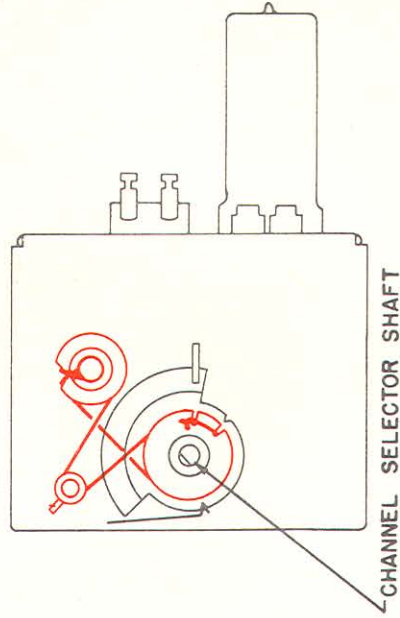
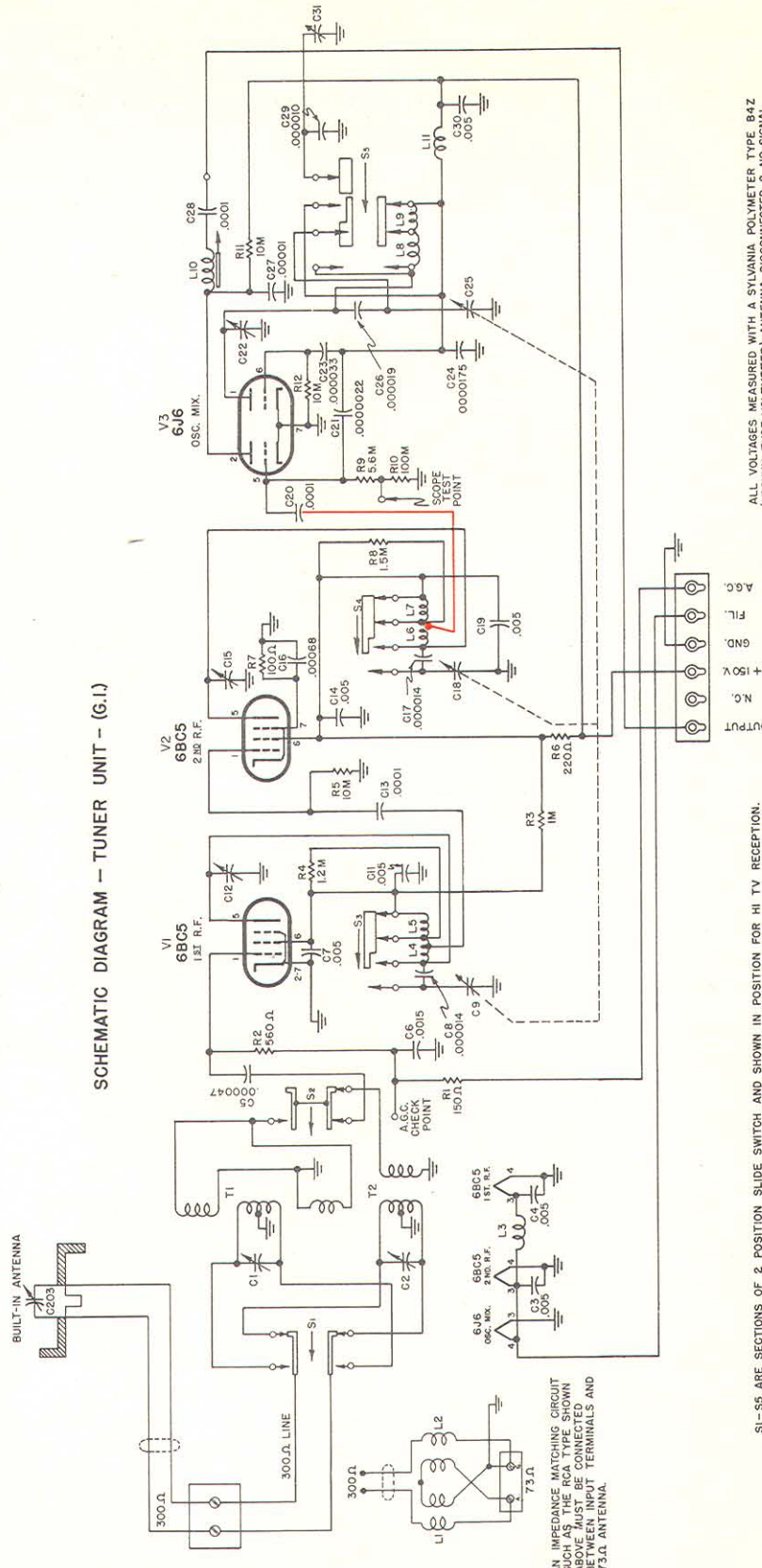


FIG. 31 - REVISED R. F. TUNER LAYOUT

Note:

This RF tuner has been thoroughly tested at the factory and should provide trouble free reception throughout the life of the chassis. However, if service other than alignment is required, return the complete tuner to the factory for replacement.

SCHEMATIC DIAGRAM - TUNER UNIT - (G.1.)



ALL VOLTAGES MEASURED WITH A PENNAC POLYMER TYPE B4Z (VACUUM TUBE VOLTMETER). ANTENNA DISCONNECTED & NO SIGNAL INPUT. LINE POTENTIAL 117 VOLTS 60 CYCLE AC SUPPLY. BRIGHTNESS & CONTRAST CONTROLS AT MINIMUM.

S1-S5 ARE SECTIONS OF 2-POSITION SLIDE SWITCH AND SHOWN IN POSITION FOR HI TV RECEPTION. ARROW INDICATES DIRECTION SWITCH MOVES FOR LO TV RECEPTION.

AN IMPEDANCE MATCHING CIRCUIT SUCH AS THE RCA TYPE SHOWN ABOVE MUST BE CONNECTED TO THE INPUT TERMINALS AND 73Ω ANTENNA.

FIG. 32 - REVISED R. F. TUNER SCHEMATIC DIAGRAM



## REVISED REPAIR PARTS LIST

CHASSIS C18 - BRIDGE B18

<u>SCHEMATIC LOCATION</u>	<u>SERVICE PART NUMBER</u>	<u>DESCRIPTION</u>
	196-0002	Anode Connector and Lead Assembly
	582-0002	Antenna Assembly - Built-in
	582-0001	Antenna Loop Assembly - BC
	726-0001	Background Dial
	482-0002	Base (for AM-FM Tuner Tube Shields)
	715-0001	Bezel - 10" (for Model 1-076)
	715-0002	Bezel - 12 1/2" (for Model 1-128)
	715-0003	Bezel - Station Dial
	416-0006	Board - Antenna - Two Terminal
C131	162-0623	Capacitor - Paper - .003 Mfd. - 600 V.
C119	162-0625	Capacitor - Paper - .005 Mfd. - 600 V.
C167	162-04115	Capacitor - Paper - .015 Mfd. - 400 V.
C171	162-0612	Capacitor - Paper - .02 Mfd. - 600 V.
C33, C36, C161, C192, C221	162-0615	Capacitor - Paper - .05 Mfd. - 600 V.
C148, C163, C169, C170, C172	162-0601	Capacitor - Paper - 0.1 Mfd. - 600 V.
C118, C140	162-0402	Capacitor - Paper - .2 Mfd. - 600 V.
C138	168-0004P	Capacitor - Ceramic - .00000068 Mfd. - 500 V.
C112, C123	168-0001P	Capacitor - Ceramic - .0000015 Mfd. - 500 V.
C6	168-0006P	Capacitor - Ceramic - .000002 Mfd. - 500 V.
C125, C174	168-0008N	Capacitor - Ceramic - .0000047 Mfd. - 500 V.
C9, C11, C17	166-0006P	Capacitor - Ceramic - .000006 Mfd. - 500 V.
C113, C137, C164, C173	166-0010P	Capacitor - Ceramic - .00001 Mfd. - 500 V.
C21	166-0015P	Capacitor - Ceramic - .000015 Mfd. - 500 V.
C127	166-0050N	Capacitor - Ceramic - .00005 Mfd. - 500 V.
C220	168-0009N	Capacitor - Ceramic - .00005 Mfd. - 500 V.
C16, C42	166-0050P	Capacitor - Ceramic - .00005 Mfd. - 500 V.
C15	166-0075N	Capacitor - Ceramic - .000075 Mfd. - 500 V.
C10, C120, C175	166-0100P	Capacitor - Ceramic - .0001 Mfd. - 500 V.
C159	166-0250P	Capacitor - Ceramic - .00025 Mfd. - 500 V.
C130	166-0500P	Capacitor - Ceramic - .0005 Mfd. - 500 V.
C101, C102, C103, C104	166-1000D	Capacitor - Ceramic - .001 Mfd. - 600 V.
C160	166-1000P	Capacitor - Ceramic - .001 Mfd. - 500 V.
C176	166-2000P	Capacitor - Ceramic - .002 Mfd. - 500 V.
C14	166-2000N	Capacitor - Ceramic - .002 Mfd. - 500 V.
C121, C122, C128, C129	168-0003D	Capacitor - Ceramic - .004 Mfd. - Dual - 450 V.
C105, C109, C110, C111, C114, C124, C134, C139, C145, C146, C151, C165, C166, C183, C200, C211, C212, C213, C216, C218	166-5000D	Capacitor - Ceramic - .005 Mfd. - 450 V.
C25, C117, C149, C150, C152, C154, C162, C177, C180, C201	168-0002N	Capacitor - Ceramic - .01 Mfd. - 500 V.
C27, C28, C32, C35, C37, C50	168-0002D	Capacitor - Ceramic - .01 Mfd. - 500 V.
C26, C34	168-0007N	Capacitor - Ceramic - .02 Mfd. - 500 V.
C5	163-0025	Capacitor - Mica - .000025 Mfd. - 500 V.
C22	163-0050	Capacitor - Mica - .00005 Mfd. - 500 V.
C18, C135	163-0100	Capacitor - Mica - .0001 Mfd. - 500 V.
C23	163-0200	Capacitor - Mica - .0002 Mfd. - 500 V.
C147	163-0500	Capacitor - Mica - .0005 Mfd. - 500 V.
C41	163-0250	Capacitor - Mica - .00025 Mfd. - 500 V.
C13, C40	163-0500	Capacitor - Mica - .0005 Mfd. - 500 V.
C38, C144, C194, C217	163-0680	Capacitor - Mica - .00068 Mfd. - 500 V.
C158	163-1000	Capacitor - Mica - .001 Mfd. - 500 V.
C132	160-42115	Capacitor - Molded Polystyrene - .015 Mfd. - 400 V.
C190	160-42122	Capacitor - Molded - .022 Mfd. - 400 V.
C215	162-04147	Capacitor - Molded - .047 Mfd. - 400 V.



## REVISED REPAIR PARTS LIST

<u>SCHEMATIC LOCATION</u>	<u>SERVICE PART NUMBER</u>	<u>DESCRIPTION</u>
C193	160-14350	Capacitor - Molded - .0005 Mfd. - 10,000 V.
	190-0004	Capacitor - Resistor Combination
C12		Capacitor - .01 Mfd.
R2		Resistor - 1,500 Ohm
	190-0003	Capacitor - Resistor Combination
C30, C31		Capacitor - .0001 Mfd.
R13		Resistor - 47,000 Ohm
	190-0002	Capacitor - Resistor Combination
C24		Capacitor - .01 Mfd.
R6		Resistor - 82,000 Ohm
C191	172-0022	Capacitor - Trimmer - H.V. Supply
C203	172-0023	Capacitor - Trimmer - Antenna Assembly
C39, C153	161-1001	Capacitor - Electrolytic - 2 Mfd. - 50 V.
C126	161-1004	Capacitor - Electrolytic - 10 Mfd. - -12 V. /150 V.
C214	161-1000	Capacitor - Electrolytic - 10 Mfd. - 25 V.
C133	161-1005	Capacitor - Electrolytic - 20 Mfd. - 250 V.
C106	161-1003	Capacitor - Electrolytic - 60 Mfd. - 200 V.
C186	161-1002	Capacitor - Electrolytic - 100 Mfd. - 50 V.
C178	161-2001	Capacitor - Electrolytic - 25 Mfd. - 25 V.
C108		40 Mfd. - 150 V.
C181	161-4001	Capacitor - Electrolytic - 20 Mfd. - 150 V.
C115		20 Mfd. - 250 V.
C182		60 Mfd. - 250 V.
C116		80 Mfd. - 250 V.
C168	161-4000	Capacitor - Electrolytic - 10 Mfd. - 300 V.
C185		10 Mfd. - 450 V.
C107		60 Mfd. - 200 V.
C184		100 Mfd. - 50 V.
C1, C3, C7, C19	170-0001	Capacitor - AM-FM - Variable Tuning
L52	145-0001	Choke - Filter - B/
L51	145-0002	Choke - Filter - B-
L66	241-0002	Choke - Horizontal Output
L50, L54, L55, L56, L57, L74	147-0014	Choke - I. F. Heater
L3	146-0009	Choke - Oscillator Cathode
L5	146-0008	Choke - Oscillator Plate
L4	113-0011	Choke - BC Oscillator
L1	111-0006	Coil - F.M. Antenna
L2	113-0012	Coil - F.M. Oscillator
L69, L71	146-0006	Coil - Filter - H.V. Supply
L70	113-0010	Coil - H.V. Supply
L77	147-0015	Coil - H.V. Filament
T51, T52, T56	125-0001	Coil - I. F. Interstage
L53, L58, L59	118-0003	Coil - I. F. Trap
L63	118-0004	Coil - 4.5 Mc. Sound Takeoff
L78	118-0005	Coil - I. F. Trap - Cathode
L6, L75, L76	146-0007	Coil - Power & Filament Line Choke
L60	146-0005	Coil - Ringing
L61, L79	146-0001	Coil - Video Peaking #1
L62	146-0002	Coil - Video Peaking #2
L65	146-0004	Coil - Video Peaking #3
R3	153-0004	Control - Tone
R7	153-0003	Control - Volume
R170, R190	155-0003	Control - Brightness & Contrast
R175	153-3002	Control - Horizontal Centering
R154	153-0002	Control - Horizontal Linearity
R174	153-3004	Control - Horizontal Size
R164	153-0001	Control - Vertical Hold
R186	153-3000	Control - Vertical Linearity
R178	153-0001	Control - Vertical Size
R241	159-0007	Control - AGC Threshold



# REVISED REPAIR PARTS LIST

CHASSIS C18 - BRIDGE B18

<u>SCHEMATIC LOCATION</u>	<u>SERVICE PART NUMBER</u>	<u>DESCRIPTION</u>
	195-0001	Cord - AC Line
	760-0001	Cover - Bottom
	483-0006	Cover and Chain Assembly - H. V. Supply
	722-0009	Dial - Function Switch
	400-0001	Focus Magnet Assembly
F1	191-0010	Fuse - 3/10 Amp. - 250 V. (clip-type)
F2, F3	191-0009	Fuse - 3/10 Amp. - 250 V. (wire-in)
F4	191-0006	Fuse - 20 Amp. - 32 V. (wire-in)
F5	191-0008	Fuse - 3.2 Amp. - 125 V. - Slow-Blow (clip type)
	743-0001	Knob - Channel Assembly
	740-0001	Knob - Tuner - Shaft
	744-0005	Knob - Outer - Shaft
	740-0002	Knob - Function Switch
	611-0007	Lamp - 117 V. - Compartment Light
	611-0047	Lamp - Mazda Type #47
	591-0003	Leaflet - Customer Instruction
	199-0002	Light Assembly - Compartment
	400-0002	Magnet Assembly - Ion Trap
	792-0002	Pointer - AM-FM Dial
	792-0001	Pointer - TV Tuning
	415-0002	Plug - AC - Interlock
	415-0001	Plug - 4 Prong
	196-0001	Plug and Leads Assembly (14 Prong)
	494-0006	Pulley - Metal (.250 Dia.)
	494-0005	Pulley - Metal (.500 Dia.)
	517-0001	Rectifier - Selenium
R1	189-0008	Resistor - 2.2 Ohm - 1/2 W.
R212	189-0009	Resistor - 3.6 Ohm - 1/2 W.
R101	189-0007	Resistor - 4.3 Ohm - 1/2 W.
R8	181-0120	Resistor - 12 Ohm - 1/2 W.
R10, R16, R125, R169, R187, R231	181-0680	Resistor - 68 Ohm - 1/2 W.
R106, R214	181-0820	Resistor - 82 Ohm - 1/2 W.
R146, R147, R157, R162, R236	181-0101	Resistor - 100 Ohm - 1/2 W.
R213	181-0121	Resistor - 120 Ohm - 1/2 W.
R143	181-0151	Resistor - 150 Ohm - 1/2 W.
R14	181-0471	Resistor - 470 Ohm - 1/2 W.
R195, R196	181-0561	Resistor - 560 Ohm - 1/2 W.
R105, R113, R133, R185, R191, R239	181-0102	Resistor - 1,000 Ohm - 1/2 W.
R165	181-0122	Resistor - 1,200 Ohm - 1/2 W.
R18, R104	181-0152	Resistor - 1,500 Ohm - 1/2 W.
R124	181-0222	Resistor - 2,200 Ohm - 1/2 W.
R112,	181-0272	Resistor - 2,700 Ohm - 1/2 W.
R130	181-0332	Resistor - 3,300 Ohm - 1/2 W.
R161	181-03925	Resistor - 3,900 Ohm - 1/2 W.
R159, R203, R211	181-0472	Resistor - 4,700 Ohm - 1/2 W.
R176,	181-04725	Resistor - 4,700 Ohm - 1/2 W.
R117	181-0822	Resistor - 8,200 Ohm - 1/2 W.
R114, R123,	181-0103	Resistor - 10,000 Ohm - 1/2 W.
R129	181-0123	Resistor - 12,000 Ohm - 1/2 W.
R160	181-02235	Resistor - 22,000 Ohm - 1/2 W.
R140, R171	181-0223	Resistor - 22,000 Ohm - 1/2 W.
R4, R5, R152, R189	181-0273	Resistor - 27,000 Ohm - 1/2 W.
R22, R115	181-03335	Resistor - 33,000 Ohm - 1/2 W.
R131, R135, R138	181-0333	Resistor - 33,000 Ohm - 1/2 W.
R155	181-0393	Resistor - 39,000 Ohm - 1/2 W.
R126, R128, R242	181-0473	Resistor - 47,000 Ohm - 1/2 W.



## REVISED REPAIR PARTS LIST

CHASSIS C18 - BRIDGE B18

<u>SCHEMATIC LOCATION</u>	<u>SERVICE PART NUMBER</u>	<u>DESCRIPTION</u>
R24, R137, R142, R145	181-0683	Resistor - 68,000 Ohm - 1/2 W.
R9, R20, R23, R103, R110,	181-0104	Resistor - 100,000 Ohm - 1/2 W.
R111, R134, R144, R173, R180		
R118	181-01045	Resistor - 100,000 Ohm - 1/2 W.
R172, R148	181-0224	Resistor - 220,000 Ohm - 1/2 W.
R21, R158, R163	181-0274	Resistor - 270,000 Ohm - 1/2 W.
R153	181-0394	Resistor - 390,000 Ohm - 1/2 W.
R151, R181	181-0474	Resistor - 470,000 Ohm - 1/2 W.
R198, R235		
R233	181-04745	Resistor - 470,000 Ohm - 1/2 W.
R141	181-0564	Resistor - 560,000 Ohm - 1/2 W.
R119	181-06845	Resistor - 680,000 Ohm - 1/2 W.
R150, R156	181-0824	Resistor - 820,000 Ohm - 1/2 W.
R177, R200, R202	181-0105	Resistor - 1 Megohm - 1/2 W.
R15, R109	181-01055	Resistor - 1 Megohm - 1/2 W.
R132, R168	181-0155	Resistor - 1.5 Megohm - 1/2 W.
R19	181-0225	Resistor - 2.2 Megohm - 1/2 W.
R149	181-0395	Resistor - 3.9 Megohm - 1/2 W.
R102	181-0685	Resistor - 6.8 Megohm - 1/2 W.
R167	181-0106	Resistor - 10 Megohm - 1/2 W.
R116	189-0010	Resistor - 10 Megohm - 1/2 W.
R182	182-0181	Resistor - 180 Ohm - 1 W.
R107, R122	182-0392	Resistor - 3,900 Ohm - 1 W.
R230	182-04725	Resistor - 4,700 Ohm - 1 W.
R232	182-08225	Resistor - 8,200 Ohm - 1 W.
R127	182-0103	Resistor - 10,000 Ohm - 1 W.
R136	182-0153	Resistor - 15,000 Ohm - 1 W.
R11, R17, R139, R193	182-0223	Resistor - 22,000 Ohm - 1 W.
R184	182-0104	Resistor - 100,000 Ohm - 1 W.
R205, R206	183-0390	Resistor - 39 Ohm - 2 W.
R237	183-0221	Resistor - 220 Ohm - 2 W.
R207, R208, R209, R210	183-0391	Resistor - 390 Ohm - 2 W.
R243, R244	183-0471	Resistor - 470 Ohm - 2 W.
R100	183-0102	Resistor - 1,000 Ohm - 2 W.
R188	183-0332	Resistor - 3,300 Ohm - 2 W.
R192	183-0562	Resistor - 5,600 Ohm - 2 W.
R245	183-0103	Resistor - 10,000 Ohm - 2 W.
R238	183-0563	Resistor - 56,000 Ohm - 2W.
R194	187-0001	Resistor - 400 Ohm - 5 W.
	400-0005	Ring - Centering Assembly
	483-0007	Ring - Corona Shield - H.V. Supply
	551-0014	Screw - #2 x 3/4 Flat Head x Rec. - On-Off Dial Mtg.
	551-0015	Screw - #5 x 5/8" Oval Head x Rec. Brass Plate - Wood
	551-0016	Screw - #8 x 1/2" Rd. Hd. x Rec. - Wood
	482-0006	Shield - Tube - R. F. Tuner
	482-0005	Shield - Tube - Miniature
	414-0004	Socket - 4 Prong
	417-0001	Socket - 14 Prong
	411-0007	Socket - Pilot Lamp
	412-0011	Socket - Tube - 7 Prong Miniature for video chassis
	412-0013	Socket - Tube - 7 Prong Miniature for AM-FM chassis
	412-0001	Socket - Tube 8 Prong Lock-in
	412-0006	Socket - Tube - 8 Prong Octal
	412-0009	Socket - Tube - 8 Prong Octal (for 1B3GT tube only - includes retaining ring)
	412-0010	Socket - Tube - 9 Prong Miniature
	539-1000	Speaker - 10" P.M. (for Model 1-076)
	539-1200	Speaker - 12" P.M. (for Model 1-128)

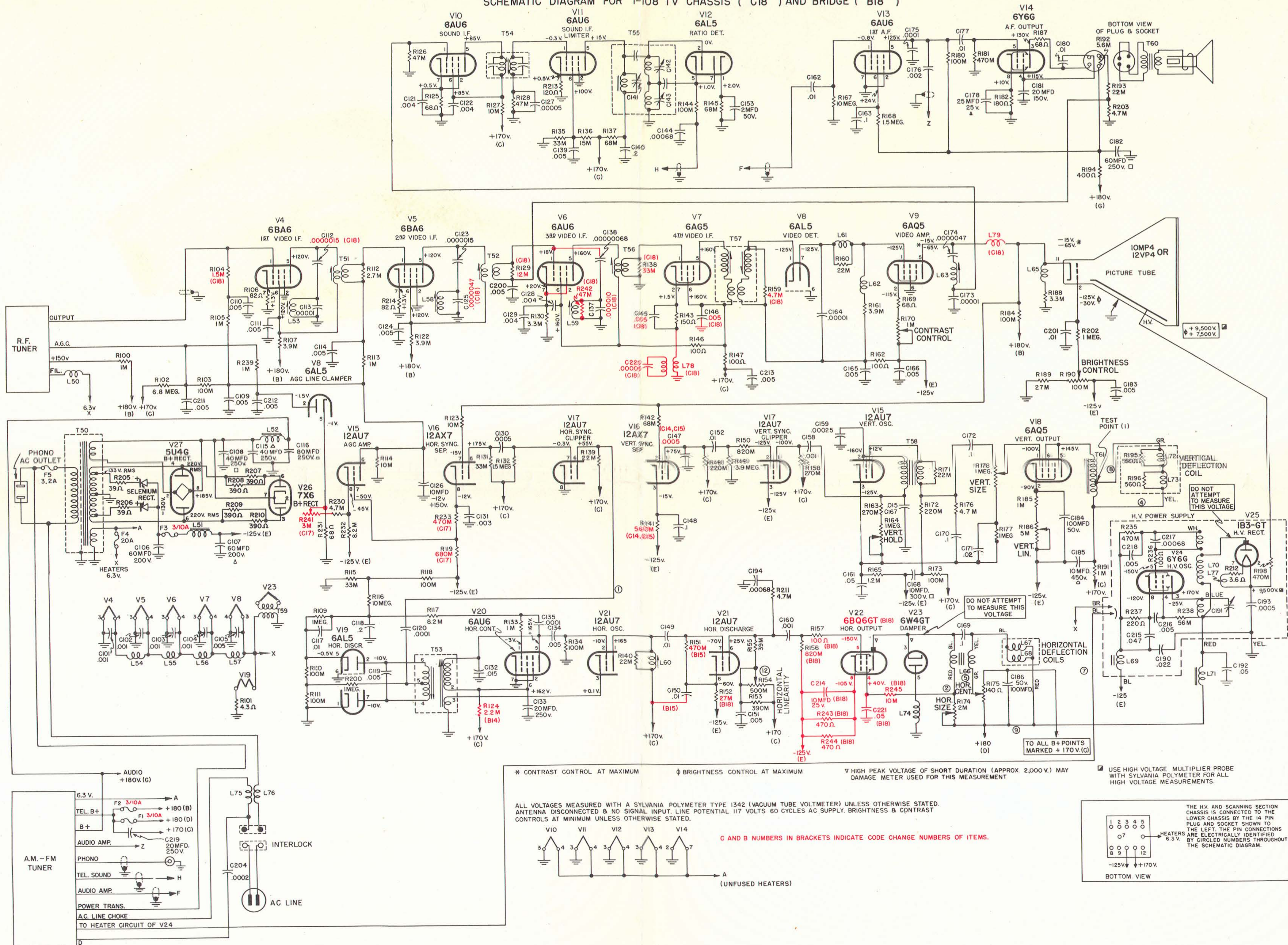
## REVISED REPAIR PARTS LIST

CHASSIS C18 - BRIDGE B18

<u>SCHEMATIC LOCATION</u>	<u>SERVICE PART NUMBER</u>	<u>DESCRIPTION</u>
	496-0022	Spring - Picture Tube Ground
	496-0023	Spring - Dial Cord Tension
	496-0040	Spring - Tuner Drive
	499-0001	Strap Assembly - Picture Tube Mtg. (for Model 1-076)
	499-0012	Strap Assembly - Picture Tube Mtg. (for Model 1-128)
T1	121-0011	Transformer - 1st I. F. (10.7 Mc.)
T2	121-0010	Transformer - 1st I. F. (455 Kc.)
T3	122-0011	Transformer - 2nd I. F. (10.7 Mc.)
T4	122-0010	Transformer - 2nd I. F. (455 Kc.)
T5	119-0001	Transformer - Discr. Primary and 3rd A.M.
T6	128-0003	Transformer - 10.7 Mc. Discriminator
T60	143-0010	Transformer - Speaker Output
T55	128-0002	Transformer - 4.5 Mc. Sound Discriminator
T59	240-0001	Transformer - Heater Isolation
T53	128-0001	Transformer - Horizontal Discriminator
T57	120-0002	Transformer - I. F. Band Pass
T50	141-0008	Transformer - Power - 60 cycle (R70971)
		or
	141-0009	Transformer - Power - 60 cycle (R70814)
T54	120-0001	Transformer - Sound I. F.
T58	242-0001	Transformer - Vertical Oscillator
T61	241-0001	Transformer - Vertical Scanning
	623-0001	Tube - 6AG5
	623-0002	Tube - 6J6
	623-0003	Tube - 6AL5
	623-0004	Tube - 6BA6
	623-0005	Tube - 6AU6
	633-0002	Tube - 1B3GT
	633-0003	Tube - 5U4G
	623-0006	Tube - 12AU7
	633-0004	Tube - 6W4GT
	623-0007	Tube - 6AQ5
	623-0008	Tube - 12AX7
	622-0006	Tube - 6Y6G
	622-0008	Tube - 6BQ6
	632-0003	Tube - 7X6
	623-0009	Tube - 12AT7
	623-0010	Tube - 6T8
	642-0001	Tube - 10" (for Model 1-076)
	642-0002	Tube - 12 1/2" (for Model 1-128)
	323-0001	Tuner Unit Assembly
	553-0026	Washer - Fiber - Spacer - .032" (yoke wing nut)
L67, L68, L72, L73	100-0001	Yoke - Vertical & Horizontal Deflection

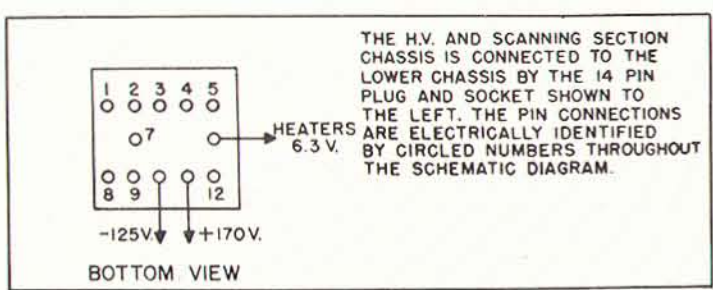
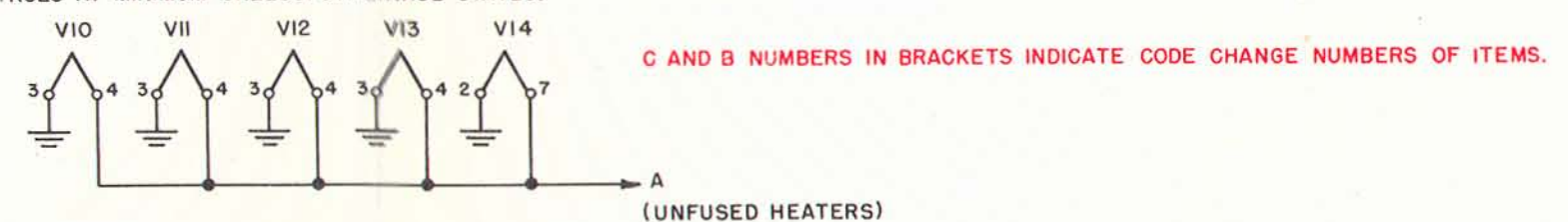


SCHEMATIC DIAGRAM FOR I-108 TV CHASSIS ( C18 ) AND BRIDGE ( B18 )



\* CONTRAST CONTROL AT MAXIMUM    ◊ BRIGHTNESS CONTROL AT MAXIMUM    ▽ HIGH PEAK VOLTAGE OF SHORT DURATION (APPROX. 2,000 V.) MAY DAMAGE METER USED FOR THIS MEASUREMENT    ☐ USE HIGH VOLTAGE MULTIPLIER PROBE WITH SYLVANIA POLYMER METER FOR ALL HIGH VOLTAGE MEASUREMENTS.

ALL VOLTAGES MEASURED WITH A SYLVANIA POLYMER TYPE 1342 (VACUUM TUBE VOLTMETER) UNLESS OTHERWISE STATED. ANTENNA DISCONNECTED & NO SIGNAL INPUT. LINE POTENTIAL 117 VOLTS 60 CYCLES AC SUPPLY. BRIGHTNESS & CONTRAST CONTROLS AT MINIMUM UNLESS OTHERWISE STATED.



HEATERS ARE ELECTRICALLY IDENTIFIED BY CIRCLED NUMBERS THROUGHOUT THE SCHEMATIC DIAGRAM.





FIG. 33 - SCHEMATIC DIAGRAM OF 1-108 CHASSIS C18 - BRIDGE B18