

See parts list

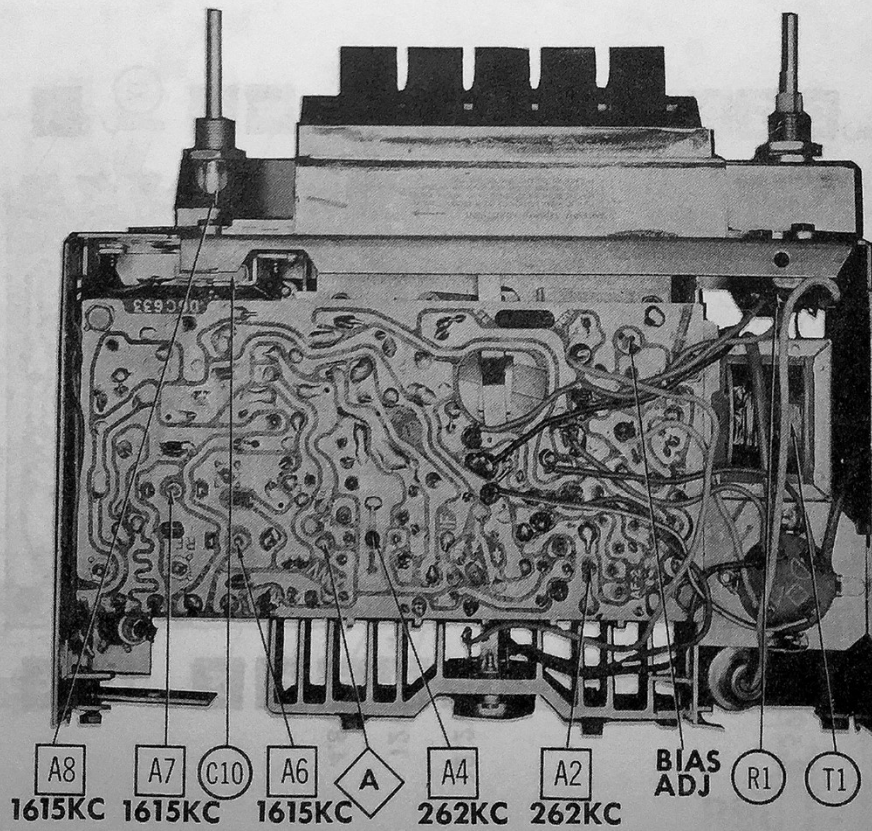
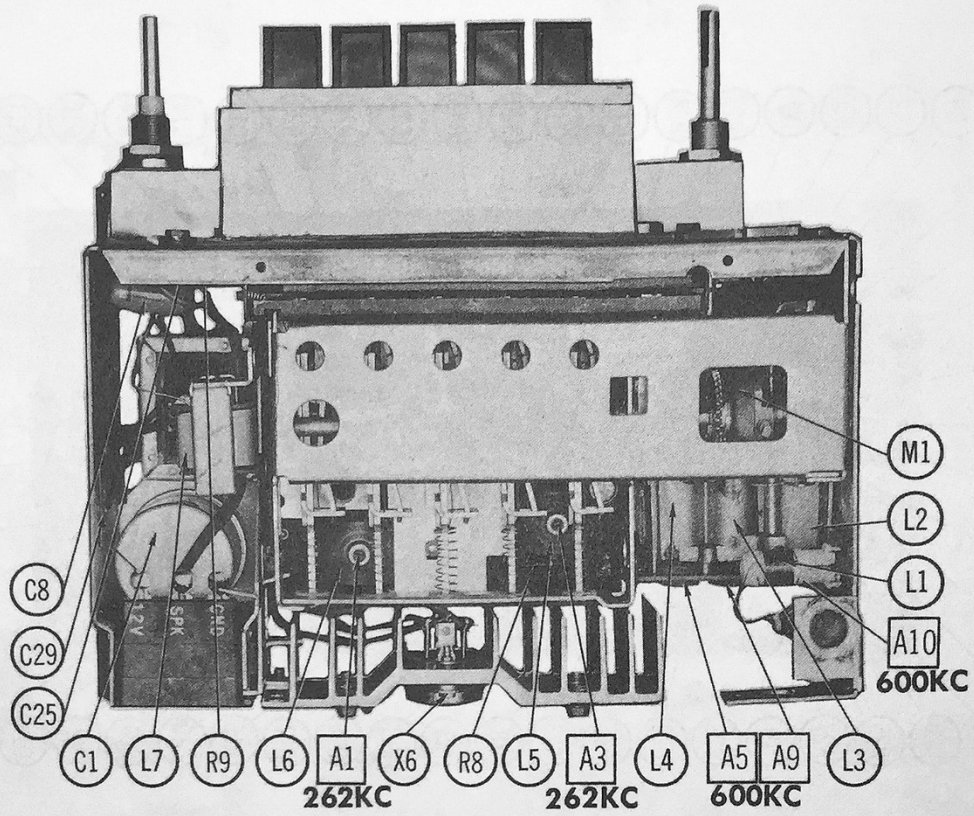
1. Voltage measurements taken with vacuum tube voltmeter.
2. All controls set for normal operation, no signal applied.
3. Measured values are from socket pin or terminal to common ground.
4. All terminals viewed from bottom unless otherwise designated.
5. Numbers assigned to terminals may not be found on the unit.
6. Supply voltage maintained at rated value for voltage readings.
7. Resistance measurements not given because of the wide variation in internal resistance of transistor.

* Not used in some versions.

★ NOMINAL VALUE, MAY VARY.
Resistors are 1/2 watt or less and rated 10% or 20% unless otherwise indicated.

A. PHOTOFACIT STANDARD NOTATION SCHEMATIC with **CIRCUITRACE**

© Howard W. Sams & Co., Inc. 1966



PARTS LIST AND DESCRIPTION

(When ordering parts, state Model, Part Number, and Description.)

Replacement parts shown may be superseded by the availability of newly introduced replacements.
Have your local distributor check Sams COUNTER FACTS® for the most up-to-date replacement.

WIRING DATA

General-use Unshielded Hook-up Wire	Use BELDEN No. 8530 (Solid) Available in 12 Colors 8524 (Stranded) Available in 12 Colors
Shielded Hook-up Wire	Use BELDEN No. 8885
Rear Seat Speaker Extension Cable	Use BELDEN No. 8782 (Stranded) Coded Parallel Leads
Bonding Strap	Use BELDEN No. 8661 (3/8 In.) or 8670 (3/4 In.)

TRANSISTORS

ITEM No.	ORIG. TYPE	USE	REPLACEMENT DATA			NOTES
			DELCO PART No.	GENERAL ELECTRIC PART No.	RCA PART No.	
X1	DS-51	RF Amp.	DS-25	GE-1	SK-3008	PNP
X2	DS-52	Conv.	DS-25	GE-1	SK-3008	PNP
X3	DS-53	IF Amp.	DS-25	GE-1	SK-3008	PNP
X4	DS-46	1st. AF Amp.	DS-46	GE-10		NPN
	(DS-86)†					
X5	DS-67W	2nd. AF Amp.	DS-46	GE-10		NPN
	(DS-46)†					
X6	DS-503	Output	DS-503	GE-3	SK-3009	PNP *

* When replacing, apply silicone grease to both sides of insulator. Tighten mounting screws securely.
Check Bias Adjustment. † Alternate Type.

POWER RECTIFIERS & SIGNAL DIODES

ITEM No.	MEASURED CURRENT	ORIGINAL Part or Type No.	RECTIFIERS & DIODES		RECTIFIERS		
			GENERAL ELECTRIC PART No.	INTERNATIONAL RECTIFIER PART No.	MALLORY PART No.	RCA PART No.	SARKES TARZIAN PART No.
X7		DS-27	1N34AS	1N34A			
X8		DS-27	1N34AS	1N34A			
X9		DS-27	1N34AS	1N34A			

ELECTROLYTIC CAPACITORS

ITEM No.	RATING		REPLACEMENT DATA					
	CAP.	VOLT.	DELCO PART No.	AEROVOX PART No.	CORNELL-DUBILIER PART No.	GENERAL ELECTRIC PART No.	MALLORY PART No.	SPRAGUE PART No.
C1A	850	16	7292515	AFH4-96-10	DD0005		FP401.85	TVL-4206.1
B	400	16						
C	100	16						
D	4	115RMS						
C2	100	4	7291810	PTT30	NLW125-6	MT1-21	TT6X100	TE-1102
C3	30	6	7279896	PTT27	NLW30-15	MT1-13	TT6X30	TE-1092
C4	10	12	7292738	PTT53	NLW10-15	MT1-5	TT12X10	TL-1128

CAPACITORS

ITEM No.	RATING		REMARKS	REPLACEMENT DATA					
				AEROVOX PART No.	CENTRALAB PART No.	CORNELL-DUBILIER PART No.	ELMENCO PART No.	MALLORY PART No.	SPRAGUE PART No.
C8	.15	75V		DBE2P15		WMF1P15	1DP-1-154	PVC1015	2PS-P15
C9	.015	75V		DBE4S15		DPMS4S15	1DP-1-153	PVC2115	4PS-S15
C10			#7293863						
C11	.047	75V		DBE2S47		WMF2S47	1DP-2-473	PVC1147	2PS-S47
C12	.047	75V		DBE2S47		WMF2S47	1DP-2-473	PVC1147	2PS-S47
C13			#7287935						
C14	200	N750		N750-DI200	DTN-200	CV601UJ201K	CCTN-201	CN7320	10TCU-T20
C15	.0033	75V		DBE6D33	CPR-3300J	WMF1D33	6DP-1-332	PVC4233	6PS-D33
C16	.022	75V		DBE2S22		WMF1S22	1DP-1-223	PVC1122	2PS-S22
C17	.0047	75V		DBE6D47	CPR-4700J	WMF1S47	6DP-1-472	PVC6247	6PS-D47
C18			#7282165						
C19	165	N150					*	*	10TCP-T175
C20	.047	75V		DBE2S47		WMF2S47	1DP-2-473	PVC1147	2PS-S47
C21	.047	75V		DBE2S47		WMF2S47	1DP-2-473	PVC1147	2PS-S47
C22	180	N80					*	*	10TCN-T80
C23	.001			BPD-001	DD-102	HVX162XP102M	CCD-102	B210	5HK-D10
C24	165	N220					*	*	10TCP-T175
C25	.1	75V							
C26	.002			DBE2P1		WMF1P1	1DP-2-104	PVC101	2PS-P10
C27	.0082	75V		BPD-002	DD-202	BYY601ZU202P	CCD-202	B220	5HK-D20
C28	.001			DBE6D82	CPR-8200J	WMF1S82	6DP-2-822	PVC628	6PS-D82
C29			#7271564	BPD-001	DD-102	HVX162XP102M	CCD-102	B210	5HK-D10

* Not normally in distributor's stock. Available thru distributor on order to manufacturer.
Delco Part Number.

RESISTORS (Power and Special)

ITEM No.	RATING	REPLACEMENT DATA			ITEM No.	RATING	REPLACEMENT DATA		
		IRC PART No.	WORKMAN PART No.	DELCO PART No.			IRC PART No.	WORKMAN PART No.	DELCO PART No.
R28	.68Ω (Fusible)			7287480					

CHEVROLET MODELS 986116, 986522, 986528

PARTS LIST AND DESCRIPTION (CONTINUED)

(When ordering parts, state Model, Part Number, and Description.)

Replacement parts shown may be superseded by the availability of newly introduced replacements.
Have your local distributor check Sams COUNTER FACTS[®] for the most up-to-date replacement.

CONTROLS

All wattages 1/2 watt, or less, unless otherwise listed.

ITEM No.	USE	RESISTANCE	REPLACEMENT DATA					
			DELCO PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	CTS-IRC PART No.	MALLORY PART No.	
R1A	Tone	100K	7290493 ①	F1-100K,R14-25K FFS014,RFS108, BB012,SB004, KR-4			†QJ-1873A	■UE4578S
	Volume/Switch	20K Tap @ 6000Ω						
	Tone	100K	7293880 ②	F1-100K,R14-25K FFS102,RFS111, BB100,SB004, KR-4			††QJ-1962A	
	Volume/Switch	20K Tap @ 6000Ω						
	Tone	100K	7294185 ③	F1-100K,R14-25K FFS102,RFS200, BB100,SB004, KR-4			†††QJ-1898A	
R2	Bias	20K Tap @ 6000Ω 600Ω 2W	7286601	V-600	U39-600		110-600	MR800P

① Used in Model: 986116.

② Used in Model: 986522.

③ Used in Model: 986528.

④ Alter bushing to meet requirements.

† "CONCENTRIKIT" Equivalent: K8 Kit, with Base Elements and Shafts: B11-128, P22-027 (Panel) B19-119X, R26-112 (Rear) S6 (Bushing) N4 (Spacer Nut) 76-1 (Switch)

"SNAPTROL" Equivalent: BU8 ④, CF13, CR50T, SF5, SR6, N4, GC.

†† "CONCENTRIKIT" Equivalent: K8 Kit, with Base Elements and Shafts: B11-128, P22-103 (Panel) B19-119X, R16-118 (Rear) S6 ④ (Bushing) N4 (Spacer Nut) 76-1 (Switch)

"SNAPTROL" Equivalent: BU8 ④, CF13, CR50T, SF7, SR8, N4, GC.

††† "CONCENTRIKIT" Equivalent: K8 Kit, with Base Elements and Shafts: B11-128, P22-100 (Panel) B19-119X, R16-127 (Rear) S6 (Bushing) N4 (Spacer Nut) 76-1 (Switch)

"SNAPTROL" Equivalent: BU8 ④, CF13, CR50T, SF7, SR11, N4, GC

■ "STA-LOC" Equivalent: FO15L, RU253T53, OS875A, IS1500, US41.

COILS (RF-IF)

ITEM No.	USE	REPLACEMENT DATA					
		DELCO PART No.	MEISSNER PART No.	MERIT PART No.	MILLER PART No.	STANCOR PART No.	WORKMAN PART No.
L1	RF Choke (6.2uh)	7281946	19-1004	BC-565	4610	RTC-8520	T859
L2	Antenna	①					
L3	RF	①					
L4	Oscillator	①					
L5	Input IF	1221856	16-6704		6542	RTC-9399	TA653
L6	Output IF	1221857	16-6705		6543	RTC-9400	TA653

① Coils Assembly #7287957.

FILTER CHOKE

ITEM No.	RATINGS			REPLACEMENT DATA					NOTES
	CURRENT (Measured)	DC RES.	INDUCTANCE (0 CURRENT 1000~)	DELCO PART No.	MERIT PART No.	STANCOR PART No.	THORDARSON PART No.	TRIAD PART No.	
L7	620ma	.6Ω	8MH	1221623	C-4095	TC-2	TR-164	TY17XT	

TRANSFORMER (AUDIO OUTPUT)

ITEM No.	IMPEDANCE		REPLACEMENT DATA					NOTES	
			DELCO PART No.	MERIT PART No.	STANCOR PART No.	THORDARSON PART No.	TRIAD PART No.		
	PRI.	SEC.							
T1	12Ω Tap	@ 10Ω	7282057						

SPEAKER

ITEM No.	TYPE		REPLACEMENT DATA		NOTES
			DELCO PART No.	QUAM PART No.	
SP1	6" x 9"	PM	10Ω	7289731	Model: 986116, Models: 986522, 986528.
	4" x 10"	PM	10Ω	7293691	

FUSE DEVICES

ITEM No.	TYPE	RATING	REPLACEMENT DATA					
			PART No.		LITTELFUSE PART No.		BUSS PART No.	
			FUSE	HOLDER	FUSE	HOLDER	FUSE	HOLDER
F1	AGC	3 A	In Fuse Block		312003		AGC 3	

MISCELLANEOUS

ITEM No.	PART NAME	DELCO PART No.	NOTES
M1	Tuner		

CABINETS & CABINET PARTS

(When Ordering Specify Model, Chassis & Color)

ITEM	MODEL	PART No.	ITEM	MODEL	PART No.
Escutcheon	986116	7289315	Pushbutton	986528	7294168
Escutcheon	986522	7294233	Knob-Tuning or Volume		3860189
Escutcheon	986528	7294174	Knob-Tone	986116	3860552
Dial Pointer	986116	7289310	Knob-Tone	986522	3793636
Dial Pointer	986522	7293869	Knob-Tone	986528	3876586
Dial Pointer	986528	7294170	Knob-Dummy	986116	3860563
Pushbutton	986116	7289312	Knob-Dummy	986528	3882792
Pushbutton	986522	7293867			