

# PHOTOFACT<sup>®</sup> with

# CIRCUITRACE<sup>®</sup>

For Supplier Address See PHOTOFACT Index

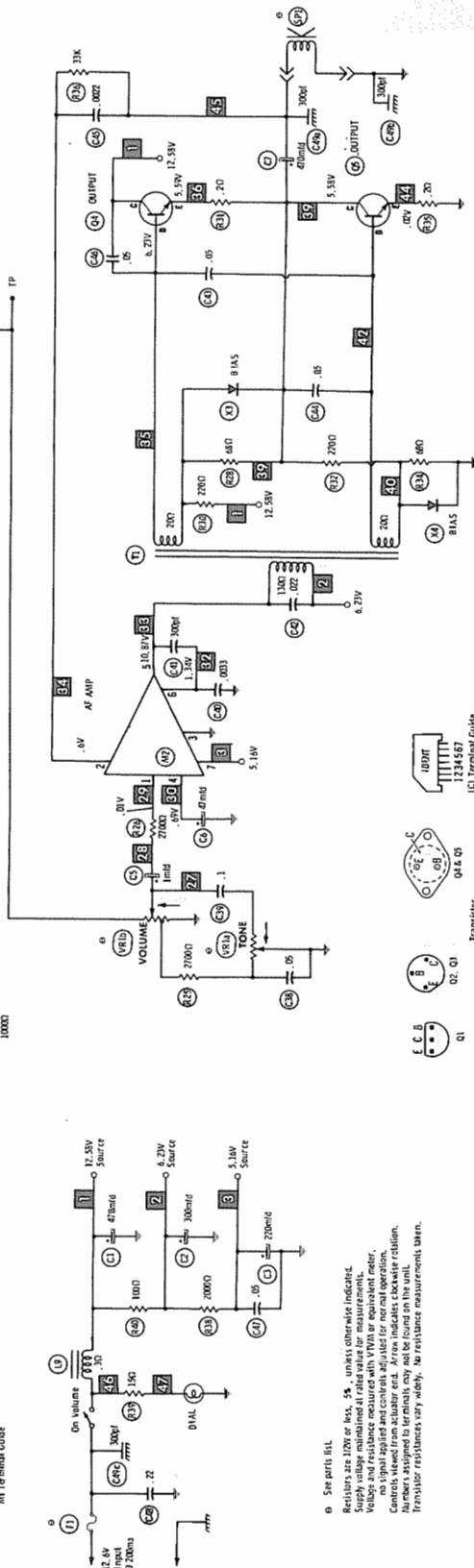
## MODELS

BP-3095 (BP-2094D) (72 Buick)	LML-4028 (74 Lemans)
CAI-3005 (73 Capri)	MCD-3046 (73 Cougar, Mustang)
CLU-2098 (73 L.U.V.)	MCL-4051 (74 Mercury)
CHL-4002 (74 Chevrolet)	MT-3051 (73 Mercury)
CKL-4019 (74 Chevrolet Truck)	MUL-4046 (74 Mustang)
CNV-3022 (73 Chevrolet Van)	MVL-4058 (74 Mercury)
CP-3002A (73 Chevrolet)	OE-3026A (71-73 Oldsmobile)
CPV-3013 (CMC-3006A) (73 Chevelle, Monte Carlo)	OKN-3009 (68-73 Opel)
CLS-4024 (74 Cutlass)	OMA-3099A (73 Omega)
CLV-4013 (74 Chevelle)	OML-4099 (74 Omega)
CYP-3015 (69-73 Chevy II, Nova)	PC-3030A (71-73 Pontiac)
DKP-3077 (73 Dodge Truck)	PIL-4050 (74 Pinto)
ECN-3055 (69-73 Ford Econoline)	PNO-3050 (71-73 Pinto)
FKL-4053 (74 Ford Truck)	POL-4030 (74 Pontiac)
FOL-4042 (74 Ford)	SK-3097 (73 Century)
FP-3042 (73 Ford)	TCX-3019 (TCS-3049A) (73 Chevrolet Truck)
FPO-3024 (73 Cutlass, F-85)	TKP-3053 (73 Ford Truck)
GAP-3031 (73 Grand Prix)	TOR-3044 (73 Montego, Torino)
GPA-3031A (TCP-3028) (73 Grand Prix, Lemans)	TRL-4045 (74 Torino)
HOR-3093 (72-73 Gremlin, Hornet)	VAL-4088 (74 Duster, Valiant)
HRL-4093 (74 Hornet)	VGA-3004 (71-73 Vega)

AUTOMATIC CUSTOM SERIES

**HOWARD W. SAMS & CO., INC.** Indianapolis, Indiana 46206

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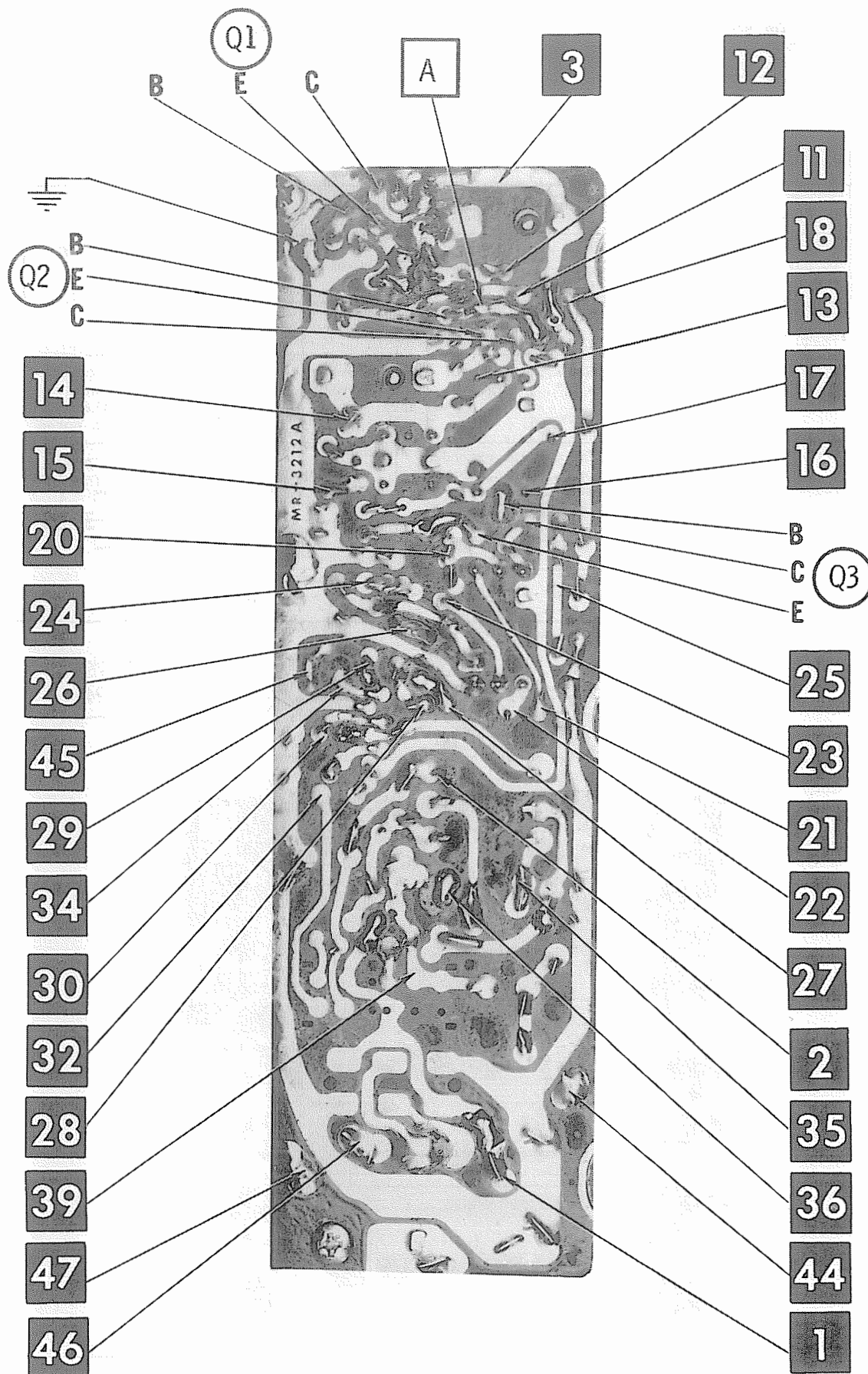


Resistors are 120W or less, 5%, unless otherwise indicated. Supply voltage maintained at rated value for measurements. Voltage and resistance measured with VMM or equivalent meter, no signal applied and control adjusted for normal operation. Controls viewed from actuator end. Arrow indicates clockwise rotation. Number assigned to terminals may not be found on the unit. Transistor resistances vary widely. No resistance measurements taken.

A PHOTOFACT STANDARD NOTATION SCHEMATIC  
with **CIRCUITRACE**  
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**AUTOMATIC CUSTOM SERIES**

BOARD #MR-3272A



BOARD #MR-3212A

A Howard W. Sams CIRCUITRACE® Photo

## ALIGNMENT INSTRUCTIONS

Check for specified source voltage.  
Use only enough generator output  
to provide a usable indication.  
Suggested Alignment Tools:  
ALL .....

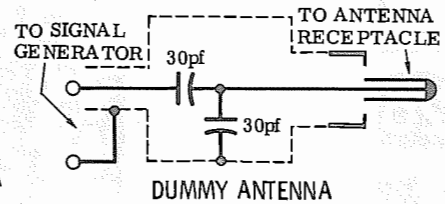
GC ELECTRONICS  
#8290, 8868, 9087

### PUSH-BUTTON ADJUSTMENT

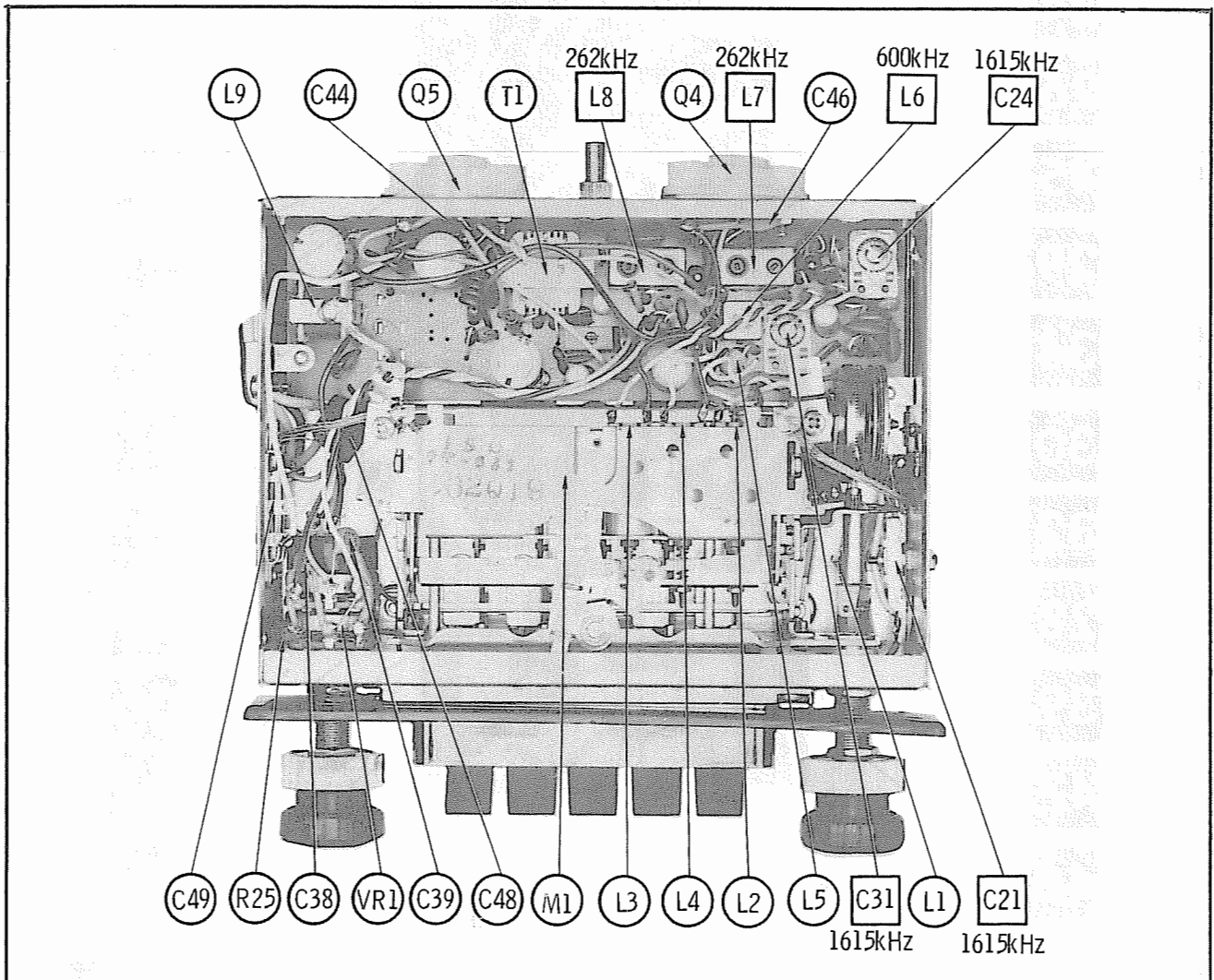
1. Pull button out.
2. Tune manually to desired station.
3. Press button in firmly.
4. Repeat for remaining buttons.

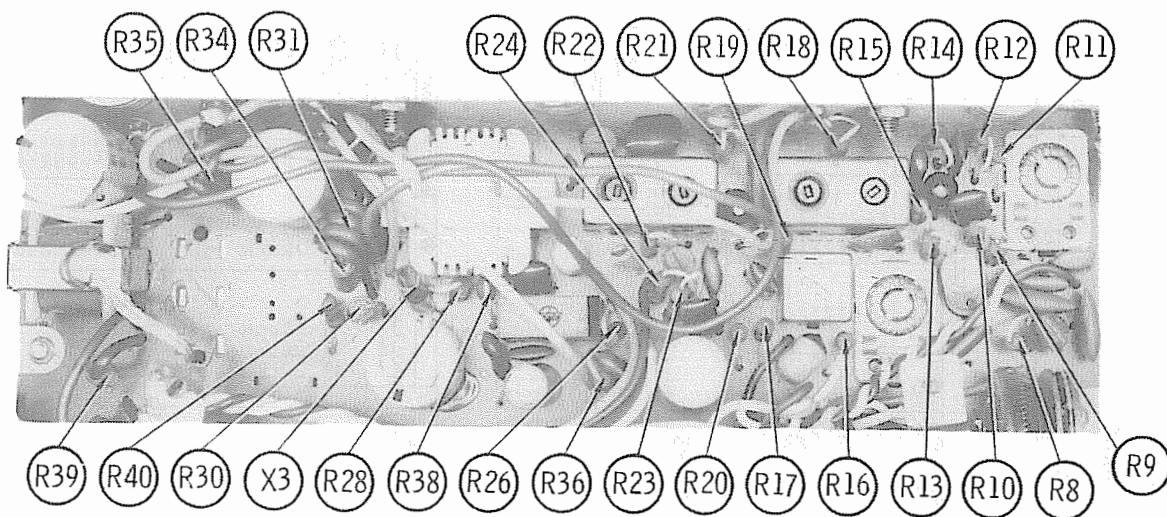
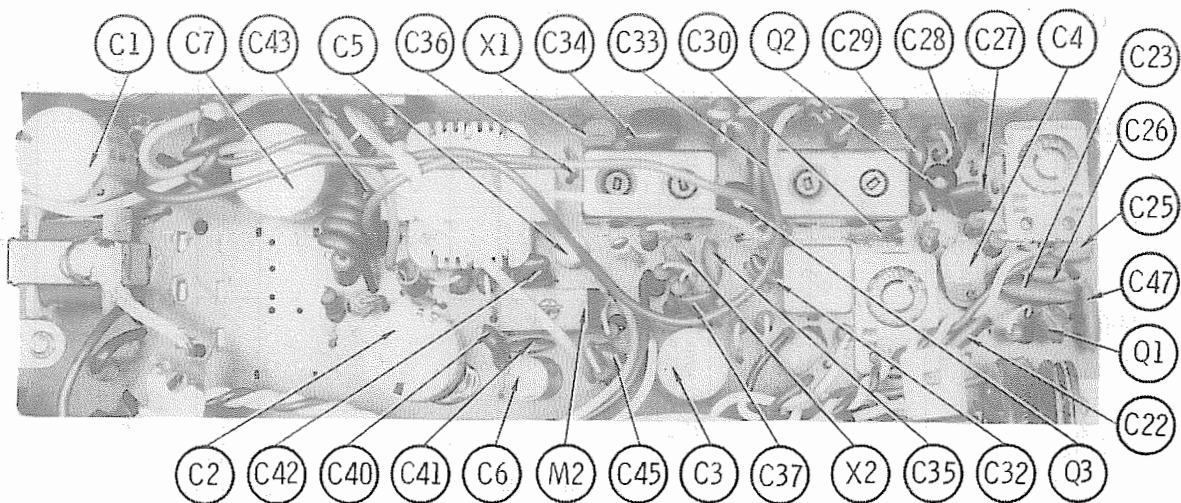
GENERATOR COUPLING	GENERATOR FREQUENCY	RADIO DIAL SETTING	INDICATOR	ADJUST	REMARKS
High side thru .1mfd to point A low side to ground.	262kHz 400-Hz mod.	High freq. end stop.	Output meter across voice coil.	L7, L8	Adjust for maximum.
Thru dummy antenna to antenna input.	1615kHz	"	"	C21, C24, C31	"
Thru dummy antenna to antenna input.	600kHz	Tune to signal	Output meter across voice coil.	L6	Adjust for maximum. Repeat alignment until no further improvement is noted.

With radio installed in car and antenna extended to desired height, tune in a weak station near 1400kHz and adjust C21 for maximum output. Antenna adjustment C21 is located right side front corner



BOARD #MR-3212A





BOARD #MR-3212A

**PRINTED BOARD PARTS LIST AND DESCRIPTION**  
**3212**

(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.**MODULES/PLUG-IN BOARDS**

ITEM No.	PART NAME	MFGR. PART No.	NOTES
M2	Module, Audio	Type #H06301	

**SEMICONDUCTORS**

ITEM No.	TYPE / MFGR. No. / PART No.	REPLACEMENT DATA					
		GENERAL ELECTRIC PART No.	INTERNATIONAL RECTIFIER PART No.	MALLORY PART No.	MOTOROLA PART No.	RCA PART No.	SPRAGUE Sylvania PART No.
Q1	2S5938	GE-20	TR-24	PTC121	HEP28	SK3018	RT102
Q2	CS9011	GE-20	TR-21	PTC123	HEP54	SK3122	RT100
Q3	CS9011	GE-20	TR-21	PTC123	HEP54	SK3122	RT100
Q4	250141	GE-28	IRTR-76	PTC104	HEP701	SK3027	RT128
Q5	250141	GE-28	IRTR-76	PTC104	HEP701	SK3027	RT128
X1	250141	GE-300	0209	PTC214	HEPR602	SK3100	EGG 152
X2	250141	GE-300	0209	PTC214	HEPR602	SK3100	EGG 152
X3	250141	GE-504A	804 or 5A40	PTC201 or PTC202	HEPR052	SK3030 or SK3031	EGG 117 or EGG 116
X4	250141	GE-504A	804 or 5A40	PTC201 or PTC202	HEPR052	SK3030 or SK3031	EGG 116 or EGG 117
H2	H06301						

**ELECTROLYTIC CAPACITORS**

ITEM No.	RATING	REPLACEMENT DATA					
		MFGR. PART No.	ARCO PART No.	CENTRALAB PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.
C1	470	16V	RHE-L-E-500	EA15-500	PC500-16	MTV500DM15	EV-1250
C2	300	16V	RHE-B-E-250	EA15-250	AB3000-35	MTV300PH15	EV-1415
C3	220	6.3V	RHE-B-E-250	EA15-250	PC50-10	MTV500DM10	EV-1140
C4	100	6.3V	RHE-B-E-250	EA15-250	PC50-10	MTV500DM10	EV-1140
C5	1	25V	RHE-A-G-050	EP6-50	PC1-50	MTV100G50	EV-1026
C6	47	6.3V	RHE-A-G-001	EP30-2	PC50-10	MTV100G50	EV-1315
C7	470	10V	RHE-A-G-050	EP6-50	PC50-10	MTV500DM15	EV-1026
			RHE-A-G-050	EP6-50	PC50-10	MTV500DM15	EV-1150

**CAPACITORS**

ITEM No.	RATING	MFR. PART No.	REPLACEMENT DATA				
			ARCO/ELWENCO PART No.	CENTRALAB PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.
C21	.2		CCO-503	UK25-204	MP05	M625022	HW-770
C22	.05			CK-503			TG-550
C23	.05		CCO-300				10TCC-Q30
C24	.30		CCO-820	07Z-82	MP082	CN0482	10TCC-Q82
C25	.01		CCO-103	CK-103	MP01	TA110	TG-S10
C26	.0022		CCO-222	00A-222	GP2200	JP223	10TCC-Q22
C27	.0033		CCO-332	00A-332	GP3300	JP233	10TCC-Q33
C30	180	N750					10TCC-T18
C31	.01			CK-103	MP01	TA110	TG-S10
C32	.01		CCO-103		GP300	GP330	10TS-T30
C33	.0047		CCO-301	CK-503	MP05	TA150	TG-S50
C34	.0047		CCO-503	CK-503	MP05	TA150	TG-S50
C35	.1		CCO-100	07Z-10	MP01	CN0410	10TCC-Q10
C36	.1		CCO-103	CK-103	MP01	TA110	TG-S10
C37	.01		CCO-503	CK-503	MP05	TA150	TG-S50
C38	.05		CCO-503	CK-104	MP05	TA110	TG-P10
C39	.1		CCO-332	00A-332	GP3300	JP233	10TCC-Q33
C40	.0033		CCO-301	00A-301	GP3300	JP233	10TS-T30
C41	.0033		CCO-203	CK-203	MP02	TA120	TG-S20
C42	.0022		CCO-503	CK-503	MP05	TA150	TG-S50
C43	.05		CCO-503	CK-503	MP05	TA150	TG-S50
C44	.05		CCO-503	CK-503	MP05	TA150	TG-S50
C45	.0022		CCO-222	00A-222	GP2200	JP223	10TS-Q22
C46	.05		CCO-503	CK-503	MP05	TA150	TG-S50
C47	.05		CCO-503	CK-503	MP05	TA150	TG-S50
C48	.22		CCO-503	CK-503	MP05	TA150	TG-S50
C49a	.300		CCO-503	UK25-204	MP05	M625022	HW-770
C49b	.300						
C49c	.300						
C50	.300						

**CONTROLS (All wattages 1/2 watt, or less, unless listed)**  
(See Page 32)**RESISTORS (Power and Special)**

ITEM No.	RATING	REPLACEMENT DATA		ITEM No.	RATING	REPLACEMENT DATA	
		WORKMAN PART No.	MFGR. PART No.			WORKMAN PART No.	MFGR. PART No.
R31	.2 (Wtr)			R35	.2 (Wtr)		

**COILS (RF-IF)**

ITEM No.	USE	PART No.	REPLACEMENT DATA		ITEM No.	USE	PART No.	REPLACEMENT DATA	
			MEISSNER PART No.	MILLER PART No.				MEISSNER PART No.	MILLER PART No.
L1	RF Choke (5.1uh)					RF Choke (5.1uh)			
L2	Antenna	(1)				Antenna	(1)		
L3	RF Oscillator Tuning	(1)				RF Oscillator Tuning	(1)		
L4	RF Choke (5uh)					RF Choke (5uh)			
L5	Oscillator					Oscillator			
L6	Output IF					Output IF			
L7									
L8									

(1) Part of H.

**FILTER CHOKE**

ITEM No.	CURRENT (Measured)	DC RES.	INDUCTANCE (1000-)	REPLACEMENT DATA			NOTES
				STANCOR PART No.	THORDARSON PART No.	TRIAD PART No.	
L9	200ma	.3	3mh				

**TRANSFORMER (Driver)**

ITEM No.	PRI.	SEC. 1	SEC. 2	REPLACEMENT DATA			NOTES
				MFGR. PART No.	STANCOR PART No.	THORDARSON PART No.	
T1	4	1	1				

**SPEAKER**

(See Page 34)

**FUSE DEVICES**

(See Page 34)

**MISCELLANEOUS**

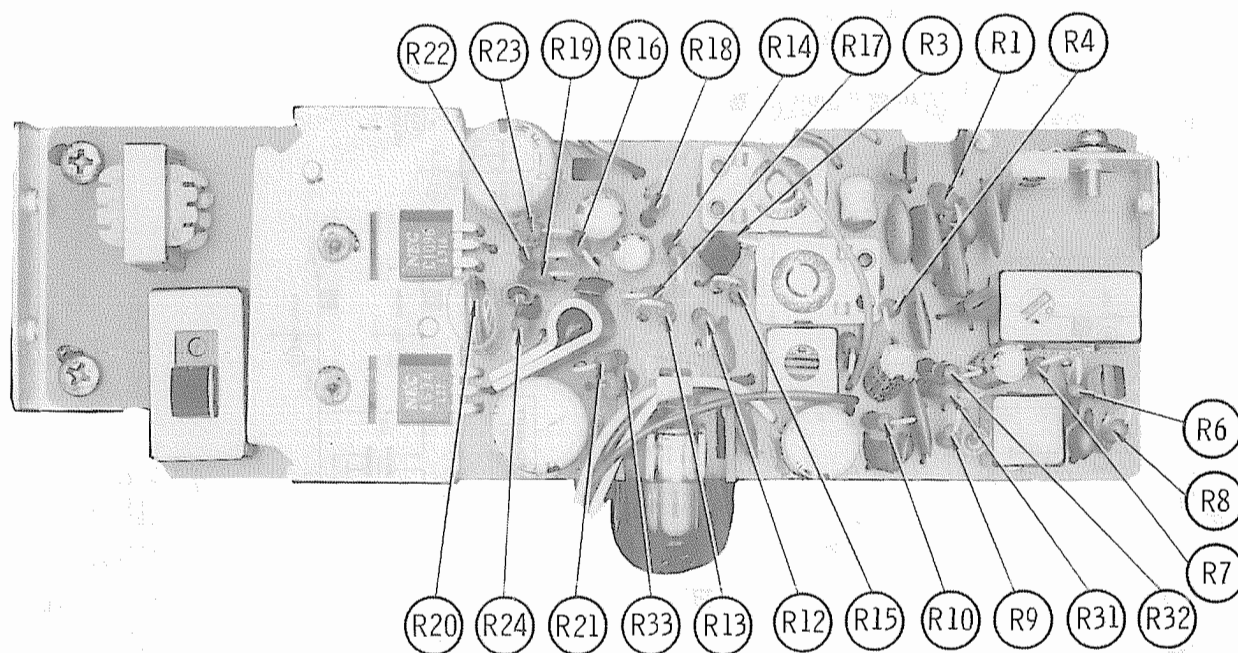
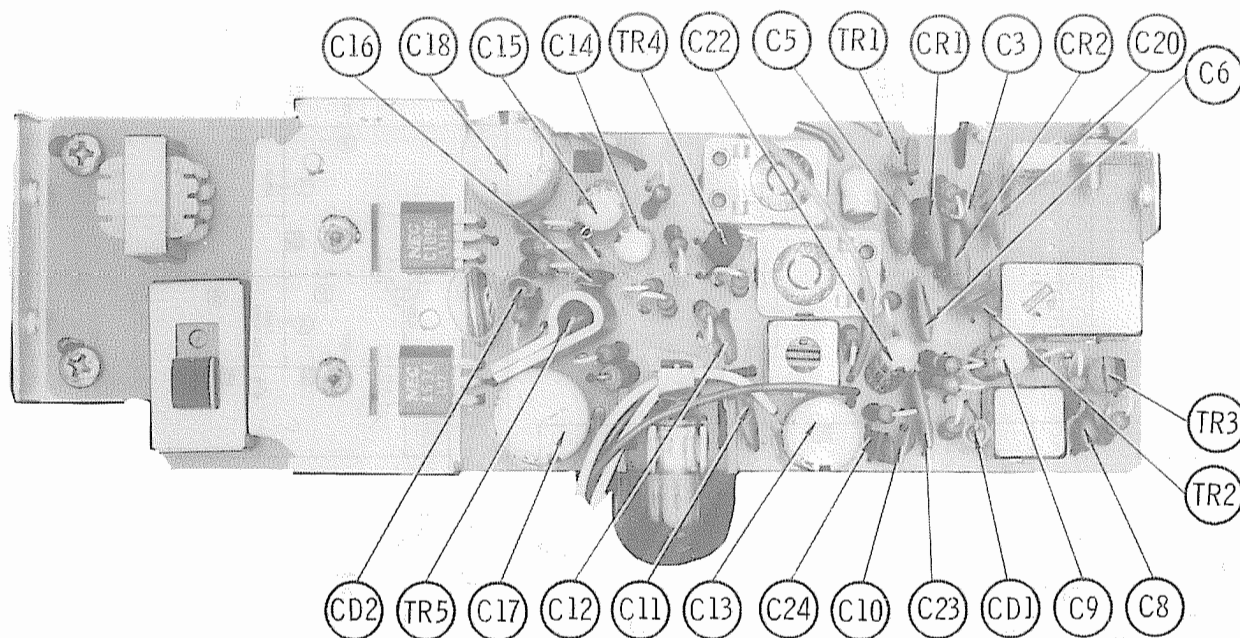
ITEM No.	PART NAME	PART No.	NOTES
H1	Tuner		

**CABINETS & CABINET PARTS (When ordering specify model, chassis & color)**

(See Page 34)

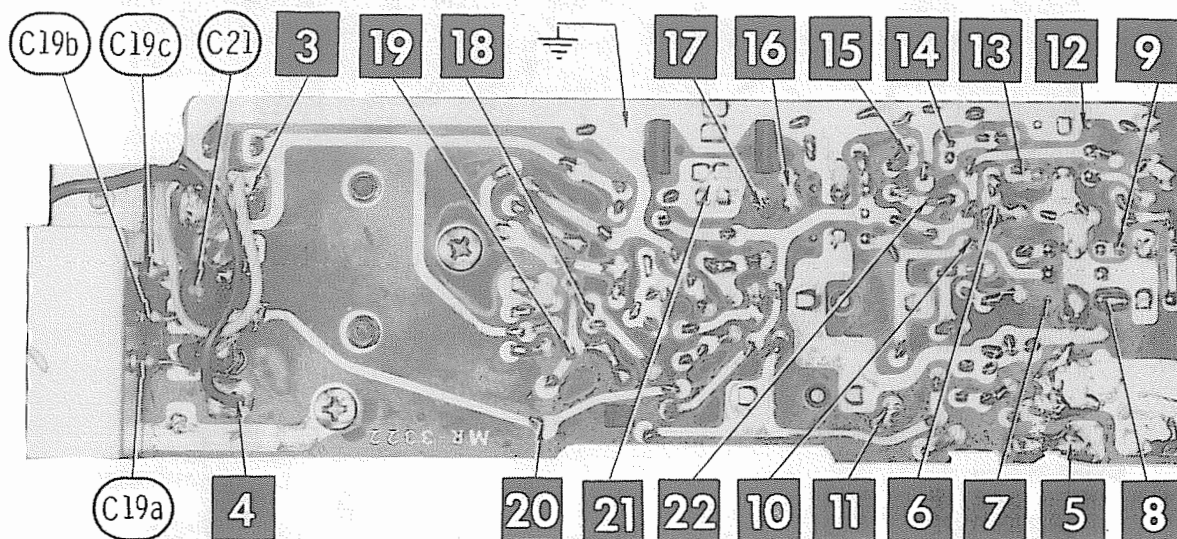
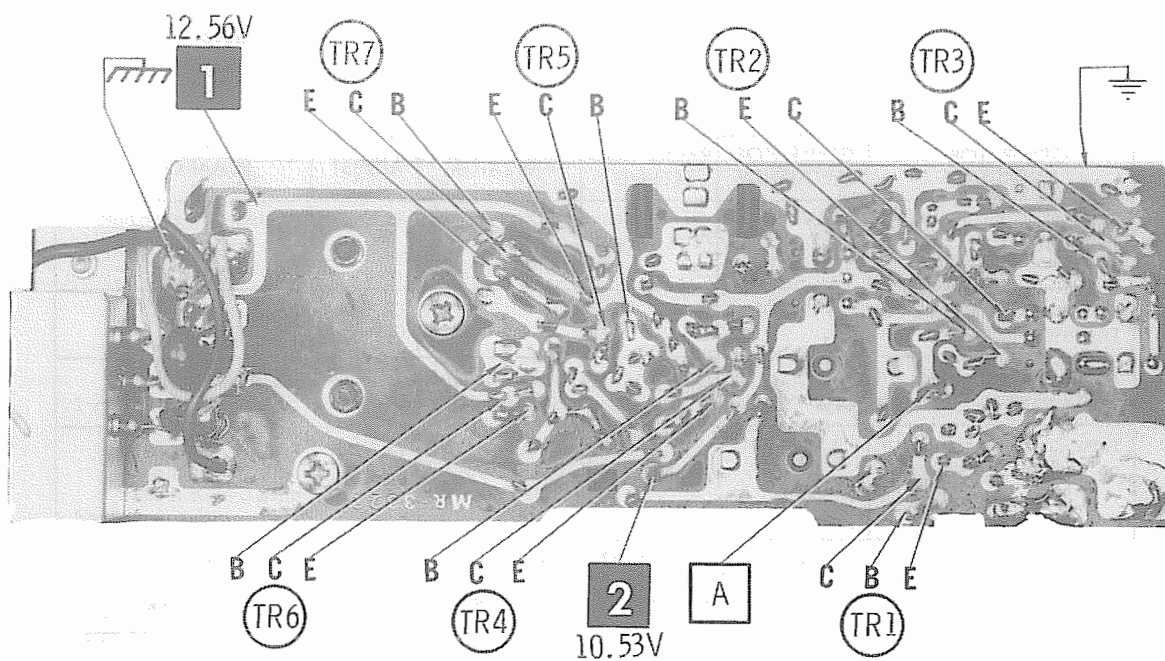
**WIRING DATA**

General-use Unshielded Hook-up Wire	Use BELDEN No. 9530 (Solid) Available in 12 Colors
Shielded Hook-up Wire	Use BELDEN No. 9524 (Stranded) Available in 12 Colors
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.)



BOARD #MR-3322





## ALIGNMENT INSTRUCTIONS

Check for specified source voltage.  
Use only enough generator output  
to provide a usable indication.  
Suggested Alignment Tools:  
ALL . . . . .

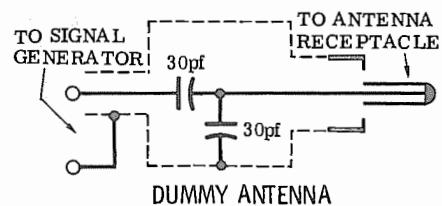
GC ELECTRONICS  
8290, 8868, 9087

### PUSH-BUTTON ADJUSTMENT

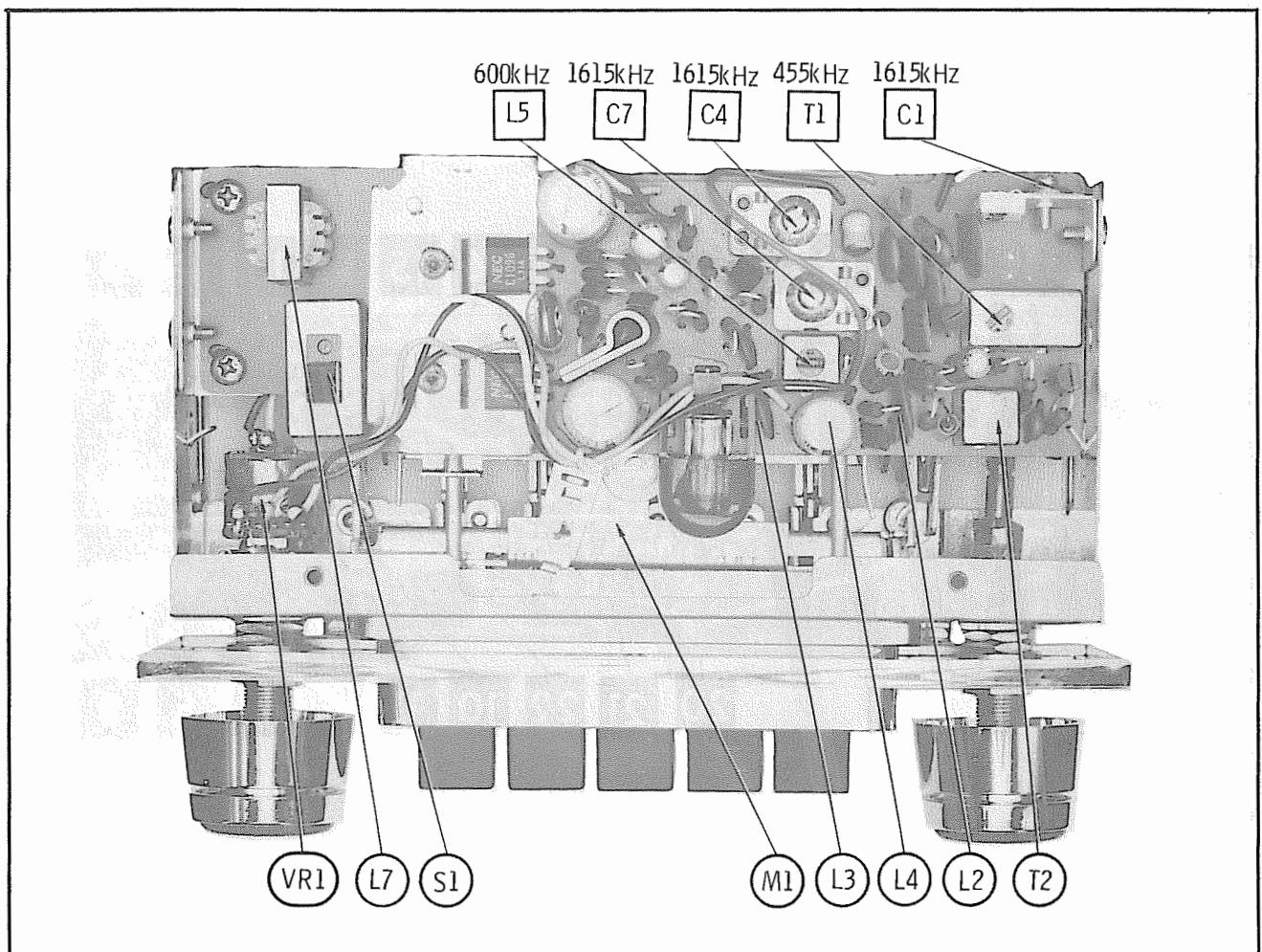
1. Pull button out.
2. Tune manually to desired station.
3. Press button in firmly.
4. Repeat for remaining buttons.

GENERATOR COUPLING	GENERATOR FREQUENCY	RADIO DIAL SETTING	INDICATOR	ADJUST	REMARKS
High side thru .1mfd to point A low side to ground.	455kHz 400-Hz mod.	High freq. end stop.	Output meter across voice coil.	T1	Adjust for maximum.
Thru dummy antenna to antenna input.	1615kHz	"	"	C1, C4, C7	"
Tuner alignment is not necessary unless associated components have been disturbed. If necessary, back tuning cores C1 out of coils but not out of forms. Repeat step 2.					
Thru dummy antenna to antenna input.	600kHz	Tune to signal	Output meter across voice coil.	L5	Adjust for maximum. Repeat alignment until no further improvement is noted.

With radio installed in car and antenna extended to desired height, tune in a weak station near 1400kHz and adjust C1 for maximum output. Antenna adjustment C1 is located on rear right hand corner.



BOARD #MR-3322



Replacement parts shown may be superseded by the availability of newly introduced replacements.

ITEM No.	RATING	REPLA
		WORKMAN PART No.

ITEM No.	RATING	REPLACEMENT DATA		ITEM No.	RATING	REPLACEMENT DATA	
		WORKMAN PART No.	MFG. PART No.			WORKMAN PART No.	MFG. PART No.
R23	5	W5.47		R24	.5	W5.47	

## COILS (RF-IF)

ITEM No.	USE	REPLACEMENT DATA			WORKMAN PART No.
		PART No.	MEISSNER PART No.	MILLER PART No.	
L1	RF Choke	(1)			
L2	Antenna	(1)			
L3	RF	(1)			
L4	RF	(1)			
L5	Osc Tuning	(1)			
L6	Osc			74F4760P	TD19
L7	Image Trap				
L8	Image IF				
L9	IF				
L10	IF				
L11	Output IF				
L12	Output IF				

## FILTER CHOKE

ITEM No.	RATINGS		REPLACEMENT DATA					NOTES
	CURRENT (Measured)	DC RES.	INDUCTANCE ( $\Omega$ CURRENT 1000—)	MEGR. PART No.	STANCOR PART No.	THORDARSON PART No.	TRIAD PART No.	
L7	140ma	.3	Zin					

## MISCELLANEOUS

MISCELLANEOUS			
ITEM No.	PART NAME	PART No.	NOTES
WT CR1 CR2	Tuner Converter Network Converter Network		

## 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. 8792 (Stranded) Coated Parallel Leads
Rear Seat Speaker Extension Cable .....	Use BELDEN No. 6661 (3/8 In.) or 8570 (3/4 In.)
Bonding Strap .....	

(See Page 32)

## 15

## ALIGNMENT INSTRUCTIONS

Check for specified source voltage.  
Use only enough generator output  
to provide a usable indication.  
Suggested Alignment Tools:  
ALL .....#8290, 8868, 9087

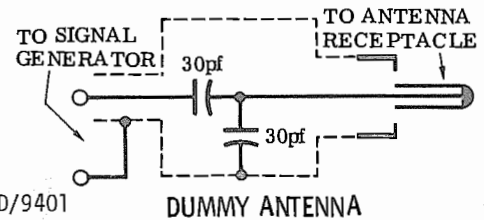
GC ELECTRONICS  
#8290, 8868, 9087

### PUSH-BUTTON ADJUSTMENT

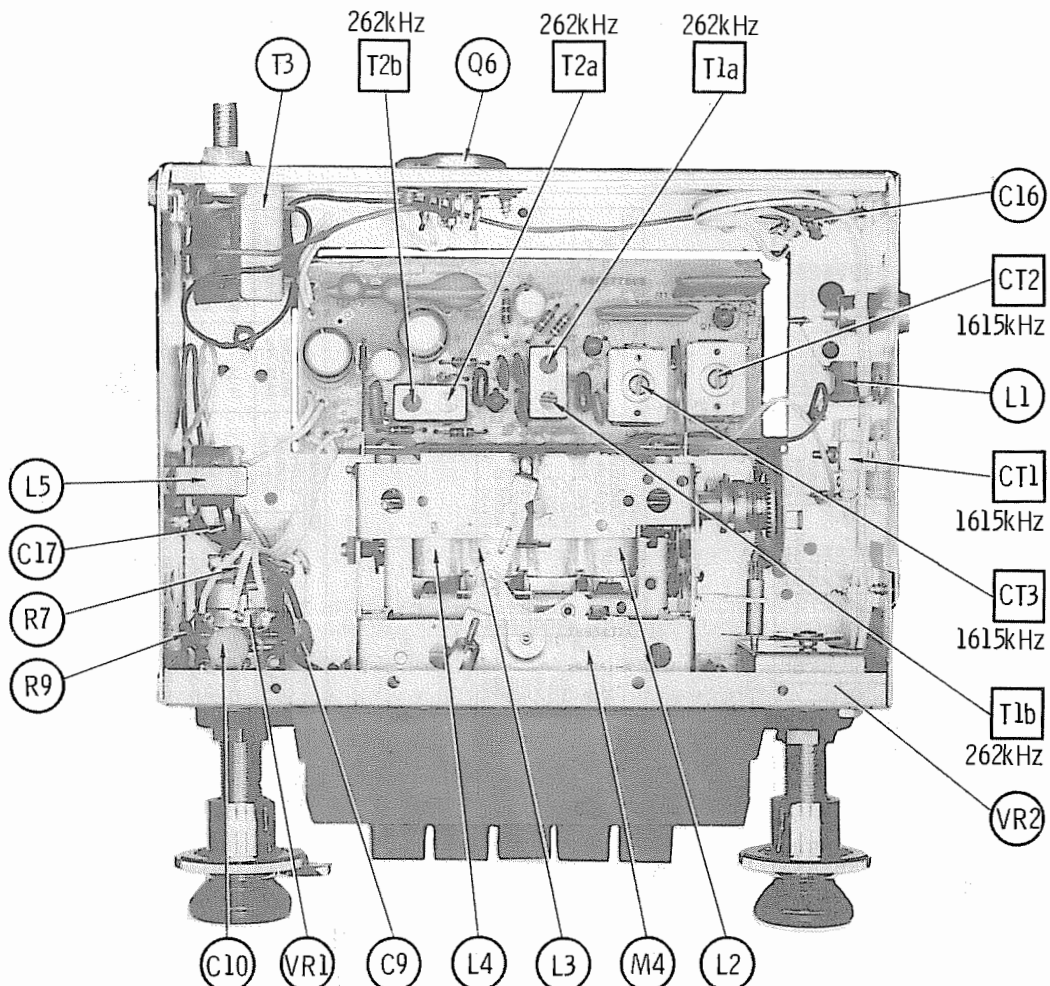
1. Pull button out.
2. Tune manually to desired station.
3. Press button in firmly.
4. Repeat for remaining buttons.

GENERATOR COUPLING	GENERATOR FREQUENCY	RADIO DIAL SETTING	INDICATOR	ADJUST	REMARKS
High side thru .lmfd to point A low side to ground.	262kHz 400-Hz mod.	High freq. end stop.	Output meter across voice coil.	T1a/b, T2a/b	Adjust for maximum.
Thru dummy antenna to antenna input.	1615kHz	"	"	CT1, CT2, CT3	"

With radio installed in car and antenna extended to desired height, tune in a weak station near 1400kHz and adjust CT1 for maximum output. Antenna adjustment CT1 is located on rear right corner.

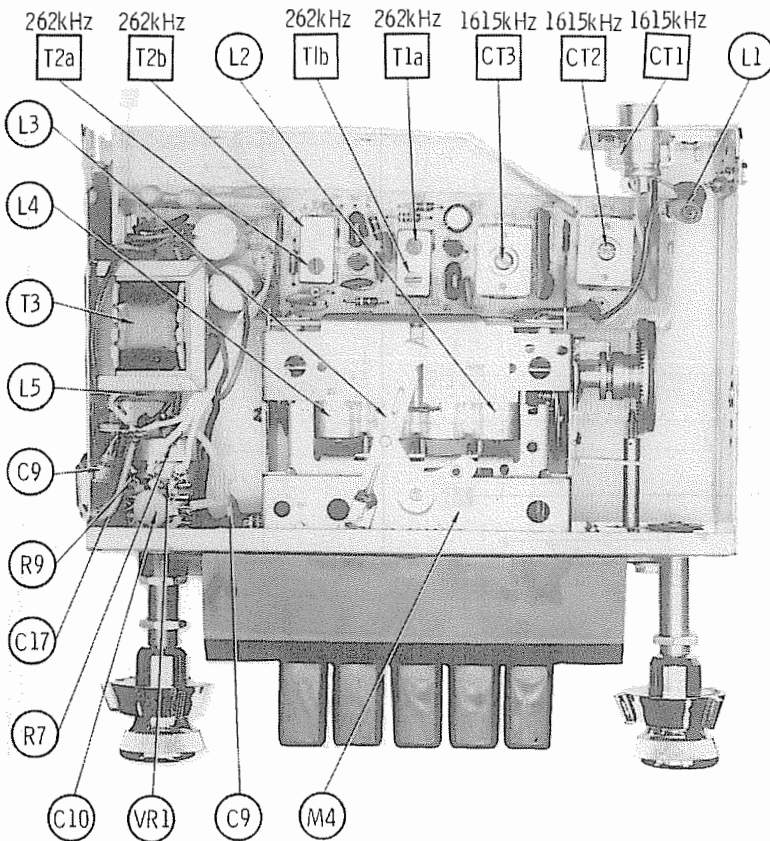
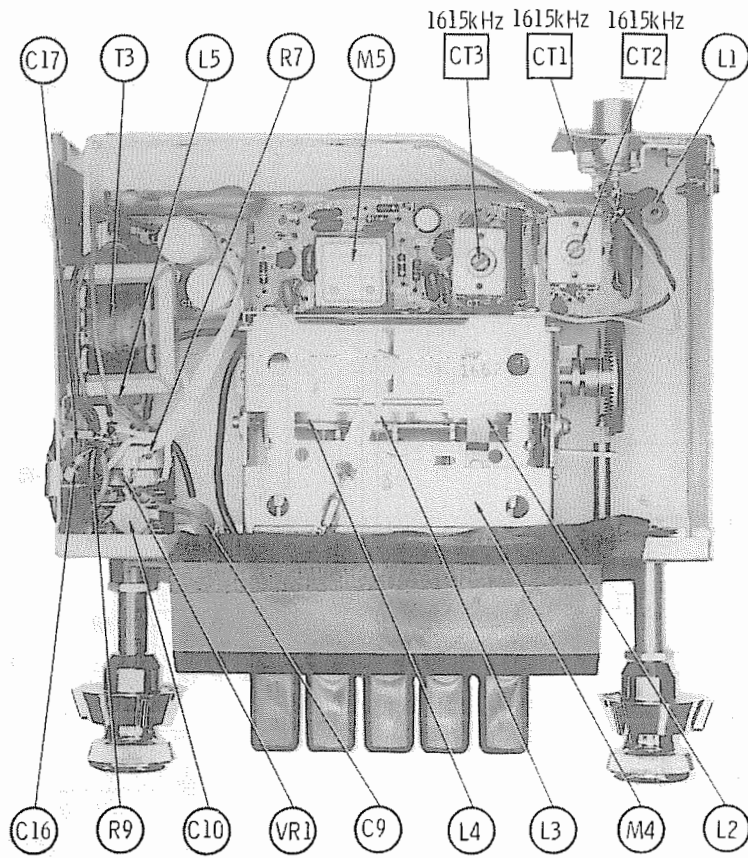


BOARD 58PC7786B/8620D/9401



BOARD #58PC7786B

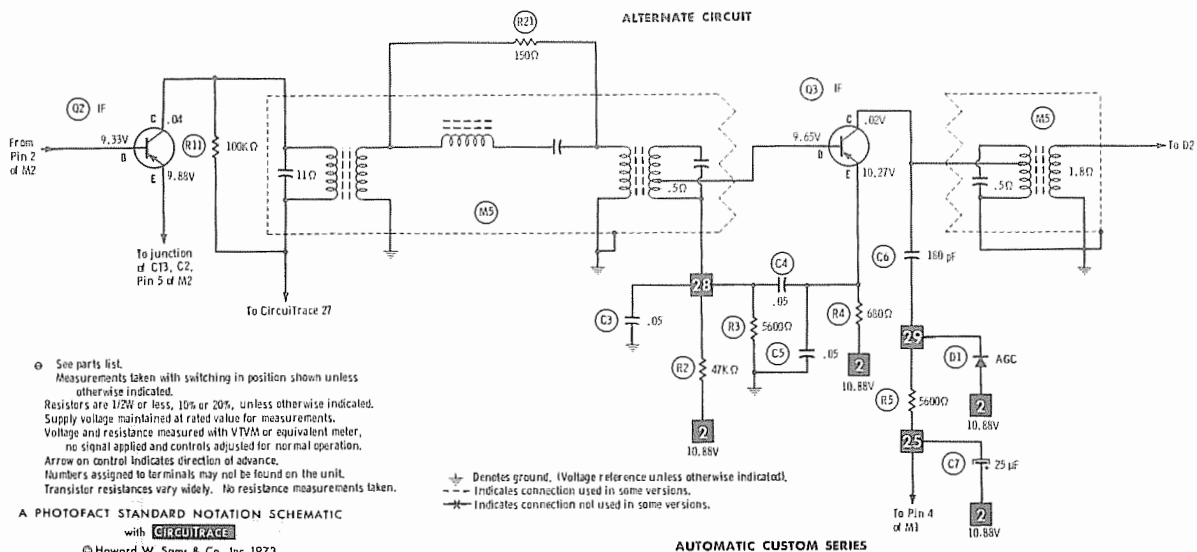
BOARD #58PC8620D



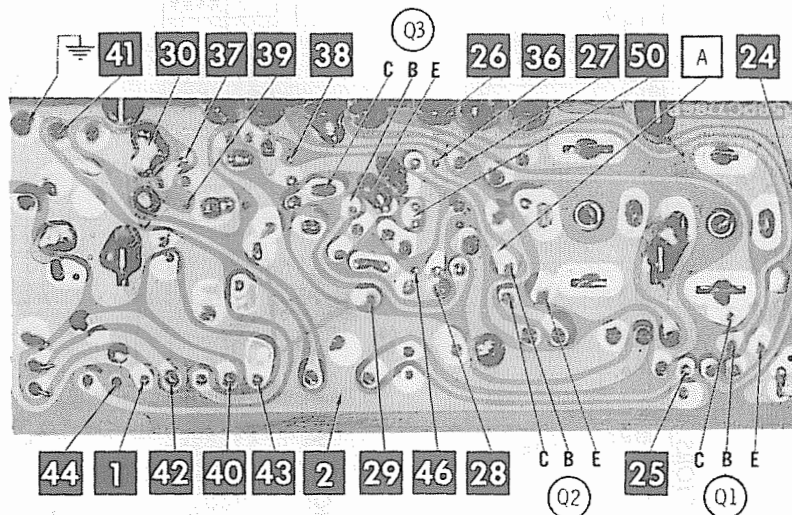
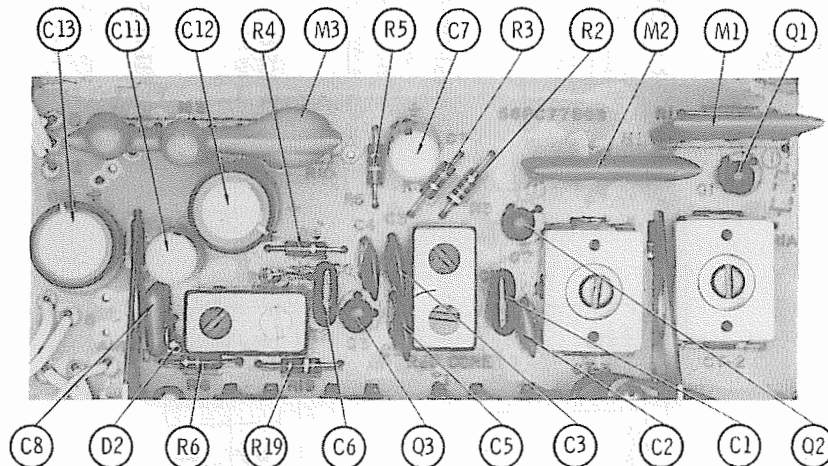
BOARD #58PC9401



# Alternate IF-Board #58PC8620D ONLY



AUTOMATIC CUSTOM SERIES



BOARD #58PC7786B

A Howard W. Sams **CIRCUITRACE** Photo

## PRINTED BOARD 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.

### MODULES/PLUG-IN BOARDS

ITEM No.	PART NAME	MFGR. PART No.	NOTES
M3	AF Module	89B-6875	

### SEMICONDUCTORS

ITEM No.	TYPE / MFGR. No. / PART No.	REPLACEMENT DATA					
		GENERAL ELECTRIC PART No.	INTERNATIONAL RECTIFIER PART No.	MALLORY PART No.	MOTOROLA PART No.	RCA PART No.	SYLVANIA PART No.
D1	1N134	1N134AS	1N134A	PTC207	HEP134	SK3087	EGG 109
D2	1N134	1N134AS	1N134A	PTC207	HEP134	SK3087	EGG 109
C1	FS24954	GE-21	TR-19	PTC103	HEP51	SK3118	EGG 159
C2	FS24954	GE-21	TR-19	PTC103	HEP51	SK3118	EGG 159
C3	FS24954	GE-21	TR-19	PTC103	HEP51	SK3118	EGG 159
C4	BP404N	GE-3	TR-01	PTC114	HEP232	SK3089	EGG 121
M3	1347144L (89-6875)						

### ELECTROLYTIC CAPACITORS

ITEM No.	RATING	REPLACEMENT DATA					
		MFGR. PART No.	ARCO PART No.	CENTRALAB PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.
C7	30	20P-256-15	ME-3-E-030	EP15-25	PC30-25	MTV300325	EV-1352
C11	30	20P-256-15	ME-3-E-030	EP15-25	PC30-25	MTV300325	EV-1352
C12	500	20P-507-15	RNE-L-E-500	EA15-500	PC500-16	MTV500015	EV-1250
C13	500	20P-507-15	RNE-L-E-500	EA15-500	PC500-16	MTV500015	EV-1250

### CAPACITORS

ITEM No.	RATING	REPLACEMENT DATA					
		MFGR. PART No.	ARCO/ELMENDO PART No.	CENTRALAB PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.
C1	270	10%	CCO-270	00-271	GP270	GP327	10T5-T27
C2	100	10%	CCO-100	07Z-100	MP0100	CH310	10TCC-T10
C3	.05		CCO-503	CK-503	NGP05	TA150	TG-550
C4	.05		CCO-503	CK-503	NGP05	TA150	TG-550
C5	.05		CCO-503	CK-503	NGP05	TA150	TG-550
C6	180	10%	CCO-180	CK-180	NGP05	TA150	TG-550
C8	.02		CCO-203	CK-203	NGP02	TA120	10T5-T18
C9	.47			UK10-474			HW-380
C10	.47		CCO-503	CK-503	NGP05	TA150	TG-550
C17	.05	43-215					
C19		2847246					
C71		2845232					
C72		2845233					
C73							

### CONTROLS (All wattages 1/2 watt, or less, unless listed)

(See Page 32)

### COILS (RF-IF)

ITEM No.	USE	REPLACEMENT DATA		
		PART No.	MEISSNER PART No.	WORKMAN PART No.
L1	RF Choke			
L2	Antenna			
L3	RF			
L4	Oscillator			
T1	Transformer			
T2	Output IF			

### FILTER CHOKE

ITEM No.	CURRENT (Measured)	DC RES.	INDUCTANCE (1000-)	REPLACEMENT DATA			NOTES
				MFGR. PART No.	STANCOR PART No.	THORDARSON PART No.	
L5	800ma	.6	10mh	75A3082			

### TRANSFORMER (Audio Output)

ITEM No.	IMPEDANCE	PRL	SEC.	B ohms	REPLACEMENT DATA			NOTES
					MFGR. PART No.	STANCOR PART No.	THORDARSON PART No.	
T3	18 ohms							

### SPEAKER

(See Page 34)

### FUSE DEVICES

(See Page 34)

### MISCELLANEOUS

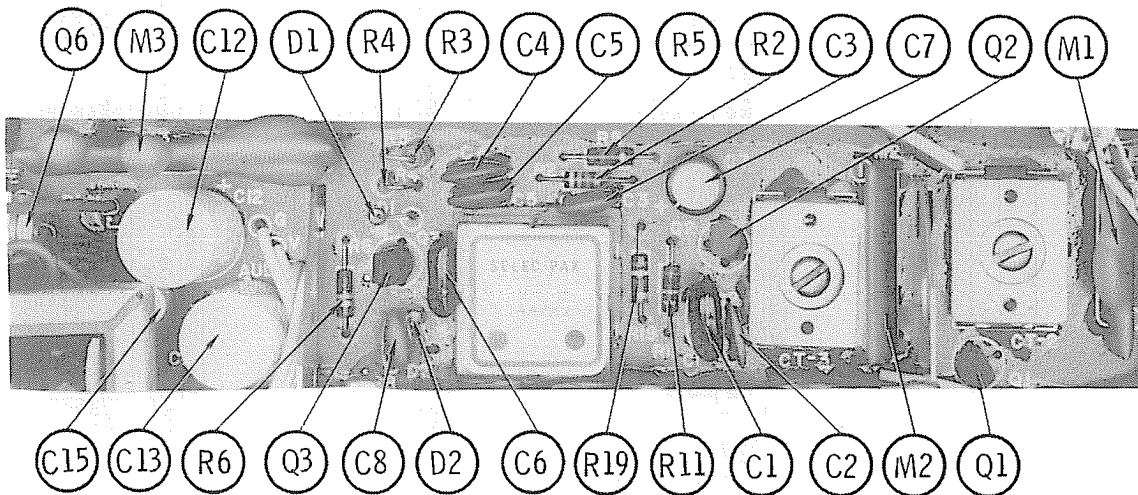
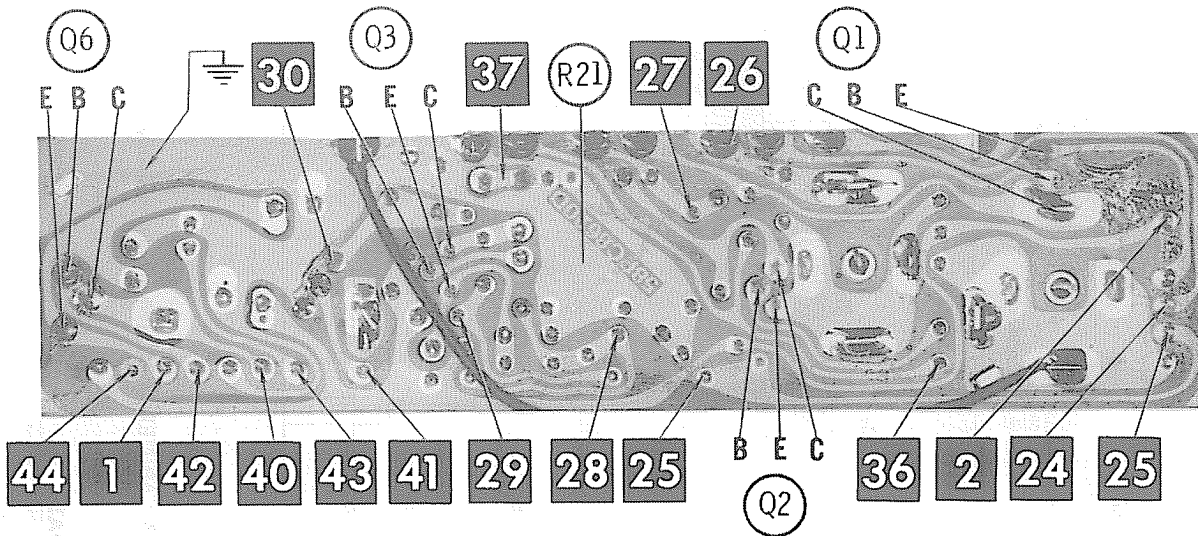
ITEM No.	PART NAME	PART No.	NOTES
M1	RF Coupler Network	89A5168	
M2	Conv. Coupler Network	89A5171	
M3	Tuner	78B3A37A	

### CABINETS & CABINET PARTS (When ordering specify model, chassis & color)

(See Page 34)

### WIRING DATA

General-use Unshielded Hook-up Wire ..... Use BELOEN No. 8530 (Solid) Available in 12 Colors  
 Shielded Hook-up Wire ..... Use BELOEN No. 8534 (Stranded) Available in 12 Colors  
 Rear Seat Speaker Extension Cable ..... Use BELOEN No. 8782 (Stranded) Coded Parallel Leads  
 Bonding Strap ..... Use BELOEN No. 8661 (3/8 In.) or 8670 (3/4 In.)



**PRINTED BOARD 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.

**MODULES/PLUG-IN BOARDS**

ITEM No.	PART NAME	MFGR. PART No.	NOTES
H3	AF Module	89B-6875	

**SEMICONDUCTORS**

ITEM No.	TYPE /MFGR. No./PART No.	REPLACEMENT DATA					
		GENERAL ELECTRIC PART No.	INTERNATIONAL RECTIFIER PART No.	MALLORY PART No.	MOTOROLA PART No.	RCA PART No.	SYLVANIA PART No.
D1	1602	1U34A5	1U34A	PTC207	HEP134	SK3087	EGC 108
D2	1602	1U34A5	1U34A	PTC207	HEP134	SK3087	EGC 108
Q1	6-49	GE-21	TR-19	PTC103	HEP708	SK3118	RT115
Q2	6-49	GE-21	TR-19	PTC103	HEP708	SK3118	RT115
Q3	6-49	GE-21	TR-19	PTC103	HEP708	SK3118	RT115
Q4	BP253	GE-59	JR1R-56	PTC111	HEP5007	SK3083	RT151

**ELECTROLYTIC CAPACITORS**

ITEM No.	RATING	REPLACEMENT DATA					
		MFGR. PART No.	ARCO PART No.	CENTRALAB PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.
C7	25	15V	RHE-0-E-025	EP15-25	PC25-25	MTV25C35	EV-1325
C12	500	15V	RHE-L-E-500	EA15-500	PC500-16	MTV500R15	EV-1250
C13	500	15V	RHE-L-E-500	EA15-500	PC500-16	MTV500R15	EV-1250
C15	25	15V	RHE-0-E-025	EP15-25	PC25-25	MTV25C35	EV-1325

**CAPACITORS**

ITEM No.	RATING	MFGR. PART No.	REPLACEMENT DATA			
			ARCO/ELMENCOR PART No.	CENTRALAB PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.
C1	270	10%	CCO-270	00-271	GP270	GP327
C2	100	10%	CCO-100	072-100	RP0100	CN0310
C3	100	10%	CCO-100	072-100	RP0100	CN0310
C4	0.05		CCO-503	CK-503	MP905	TA150
C5	0.05		CCO-503	CK-503	MP905	TA150
C6	180	10%	CCO-181	00-181	GP180	GP318
C8	0.02		CCO-203	CK-203	MP902	TA120
C9	0.02		CCO-203	CK-203	MP902	TA120
C10	0.02		CCO-203	CK-203	MP902	TA120
C11	0.02		CCO-203	CK-203	MP902	TA120
C12	0.02		CCO-203	CK-203	MP902	TA120
C13	0.02		CCO-203	CK-203	MP902	TA120

**CONTROLS (All wattages 1/2 watt, or less, unless listed)**  
(See Page 32)

**FILTER CHOKE**

ITEM No.	RATINGS			REPLACEMENT DATA			NOTES
	CURRENT (Measured)	DC RES.	INDUCTANCE (0 CURRENT 1000~)	MFGR. PART No.	STANCOR PART No.	THORDARSON PART No.	
L5	800ma	.6	10mh	75A3002			

**TRANSFORMER (Audio Output)**

ITEM No.	IMPEDANCE		REPLACEMENT DATA			NOTES
	PRI.	SEC.	MFGR. PART No.	STANCOR PART No.	THORDARSON PART No.	
T3	18 ohms	8 ohms				

**SPEAKER**  
(See Page 34)

**FUSE DEVICES**  
(See Page 34)

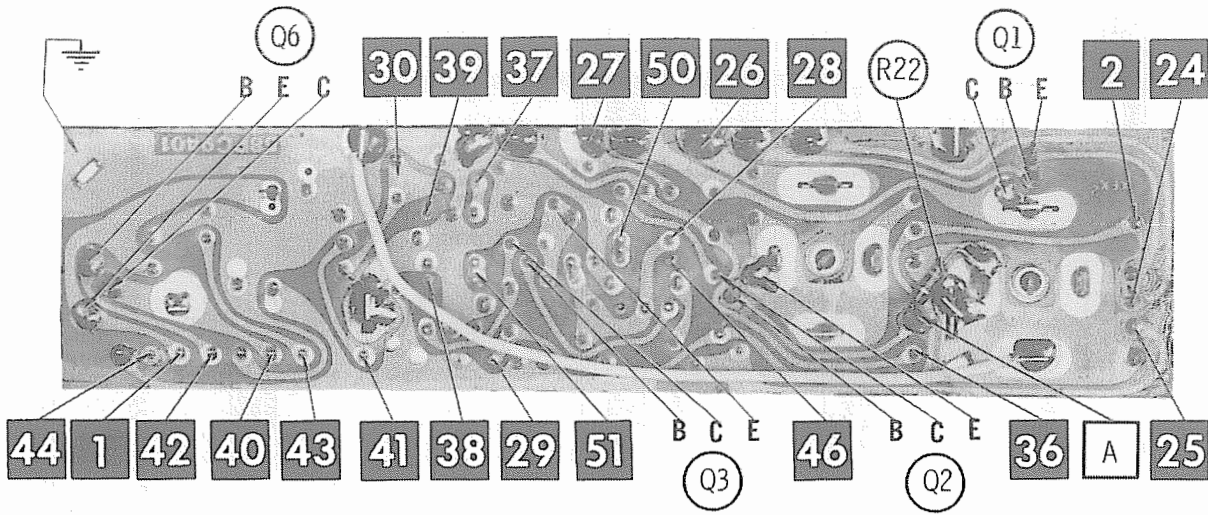
**MISCELLANEOUS**

ITEM No.	PART NAME	PART No.	NOTES
H1	RF Couplate	89A-6516B	
H2	Conv Couplate	89A-6517	
H4	Tuner	78B8657	
H5	IF COT Assembly	14A-7829	

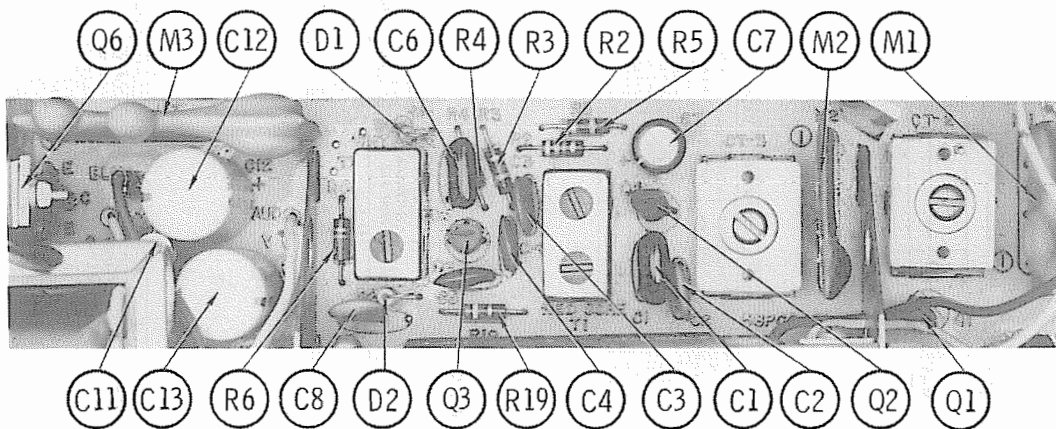
**CABINETS & CABINET PARTS (When ordering specify model, chassis & color)**

**WIRING DATA**

General-use Unsoldered Hook-up Wire	Use BELDEN No. 8530 (Solid) Available in 12 Colors
Shielded Hook-up Wire	Use BELDEN No. 8885 (Stranded) Available in 12 Colors
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.)



AUTOMATIC CUSTOM SERIES



BOARD #58PC9401

PRINTED BOARD 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.

MODULES/PLUG-IN BOARDS

ITEM No.	PART NAME	MFGR. PART No.	NOTES
H3	AF Module	89-6875	

SEMICONDUCTORS

ITEM No.	TYPE / MFGR. No./PART No.	REPLACEMENT DATA					
		GENERAL ELECTRIC PART No.	INTERNATIONAL RECTIFIER PART No.	MALLORY PART No.	MOTOROLA PART No.	RCA PART No.	SYLVANIA PART No.
D1		11J34AS	11J34A	PTC207	HEP13A	SK3087	EGG 109
D2		11J34AS	11J34A	PTC207	HEP13A	SK3087	EGG 109
Q1	6-49	GE-21	TR-19	PTC103	HEP708	SK3118	EGG 109
Q2	6-49	GE-21	TR-19	PTC103	HEP708	SK3118	EGG 159
Q3	6-49	GE-21	TR-19	PTC103	HEP708	SK3118	EGG 159
Q4	BP9253	GE-69	11R1-56	PTC111	HEP5007	SK3083	EGG 151

ELECTROLYTIC CAPACITORS

ITEM No.	RATING	REPLACEMENT DATA					
		MFGR. PART No.	ARCO PART No.	CENTRALAB PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.
C7	25 15V	20-256-15	RHE-D-E-025	EP15-25	PC25-25	MTV25C035	EV-1325
C11	25 15V	20P-507-15	RHE-L-E-025	EP15-25	PC25-25	MTV25C035	EV-1325
C12	470 15V	20P-507-15	RHE-L-E-500	EA15-500	PC500-16	MTV500D015	EV-1250
C13	470 15V	20P-507-15	RHE-L-E-500	EA15-500	PC500-16	MTV500D015	EV-1250

CAPACITORS

ITEM No.	RATING	MFGR. PART No.	REPLACEMENT DATA			
			ARCO/EUMENCO PART No.	CENTRALAB PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.
C1	270 10%	500V	CCO-270	00-271	GP270	GP272
C2	100 10%		CCO-101	072-100	HP0100	CN0310
C3	.05		CCO-503	CK-503	MP005	TA150
C4	.05		CCO-503	CK-503	MP005	TA150
C5	.05		CCO-503	CK-503	MP005	TA150
C6	10%		CCO-181	00-181	GP180	GP318
C8	.02		CCO-203	UN10-474	MP002	TG-360
C9	.02					MT-380
C10	.47					
C16	.05		CCO-503	CK-503	MP005	TG-550
C17		28W7246				
C18		28W5332				
C19		28W5233				

CONTROLS (All wattages 1/2 watt, or less, unless listed)  
(See Page 32)

COILS (RF-IF)

ITEM No.	USE	REPLACEMENT DATA		
		PART No.	MEISSNER PART No.	MILLER PART No.
L1	RF Choke			
L2	Antenna			
L3	RF			
L4	Oscillator			
L5	Input IF			
L6	Output IF			

FILTER CHOKE

ITEM No.	RATINGS	REPLACEMENT DATA				NOTES
		CURRENT (Measured)	DC RES.	INDUCTANCE (0 CURRENT 1000--)	MFGR. PART No.	THORDARSON PART No.
L5		800ma	.6	10mh	75A3082	

TRANSFORMER (Audio Output)

ITEM No.	IMPEDANCE	REPLACEMENT DATA				NOTES
		PRI.	SEC.	MFGR. PART No.	THORDARSON PART No.	TRIAD PART No.
T3	18 ohms		8 ohms			

SPEAKER  
(See Page 34)

FUSE DEVICES  
(See Page 34)

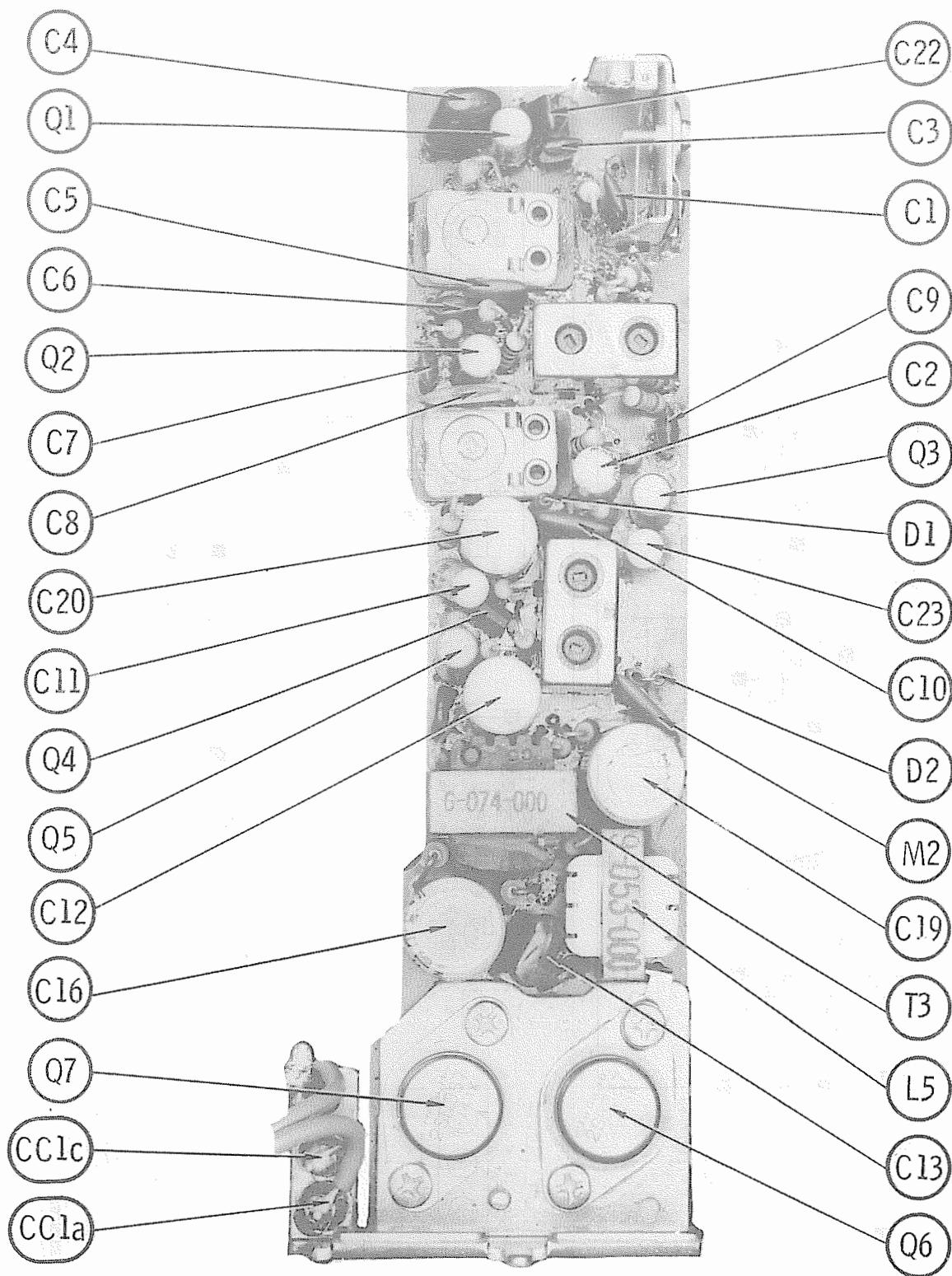
MISCELLANEOUS

ITEM No.	PART NAME	PART No.	NOTES
M1	RF Coupler	89A5160	
M2	Conv Coupler	89A2583C	
M4	Tuner	7805437	

CABINETS & CABINET PARTS (When ordering specify model, chassis & color)  
(See Page 34)

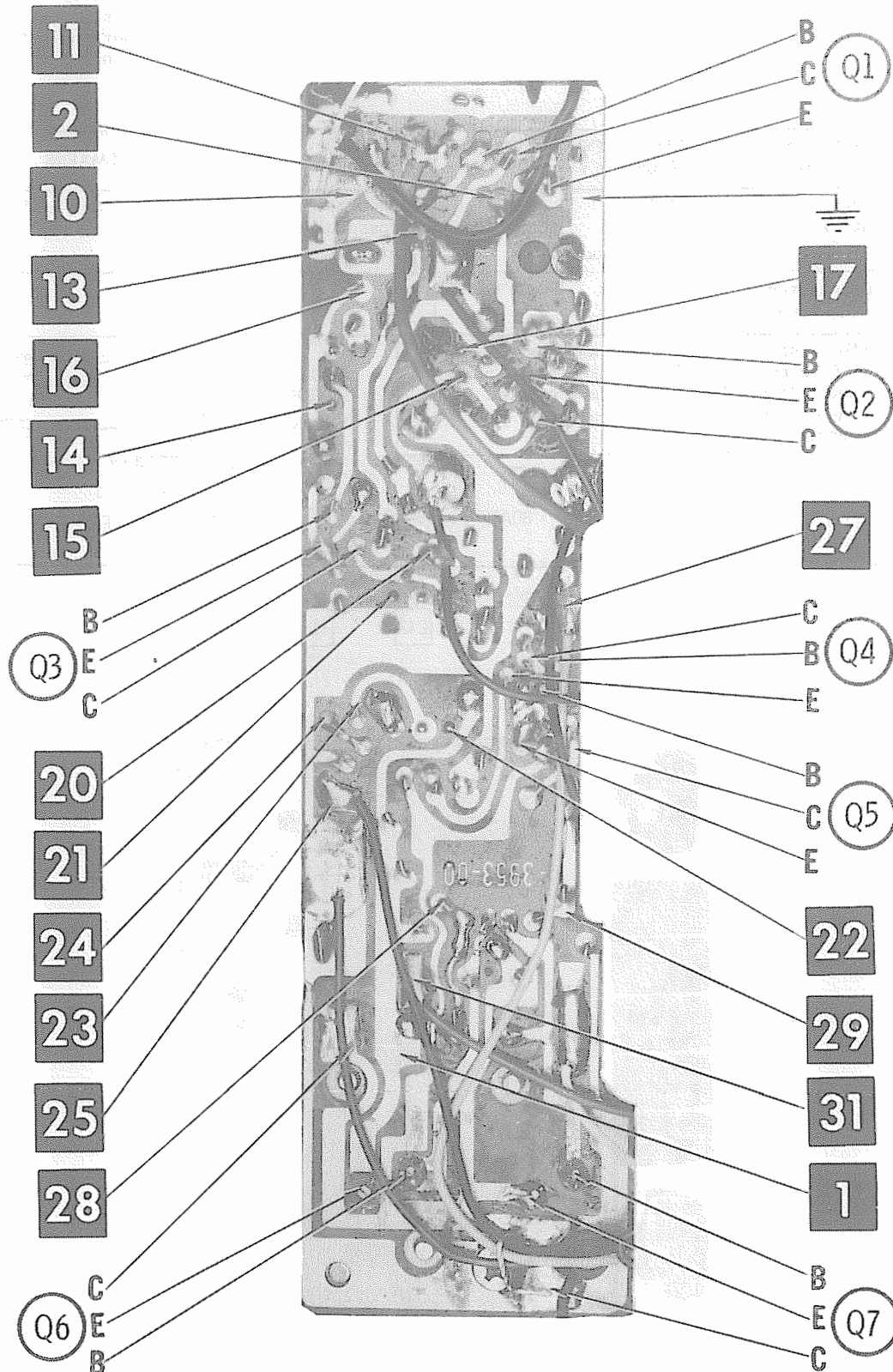
WIRING DATA

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



BOARD #3953-00





BOARD #3953-00

A Howard W. Sams CIRCUITRACE® Photo

## ALIGNMENT INSTRUCTIONS

Check for specified source voltage.

Use only enough generator output to provide a usable indication.

Suggested Alignment Tools:

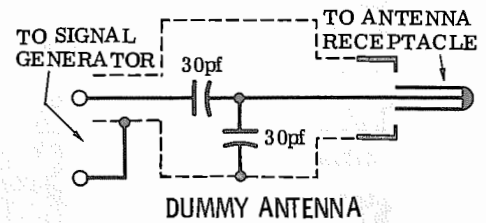
ALL ..... GC ELECTRONICS #8290, 8868, 9087

### PUSH-BUTTON ADJUSTMENT

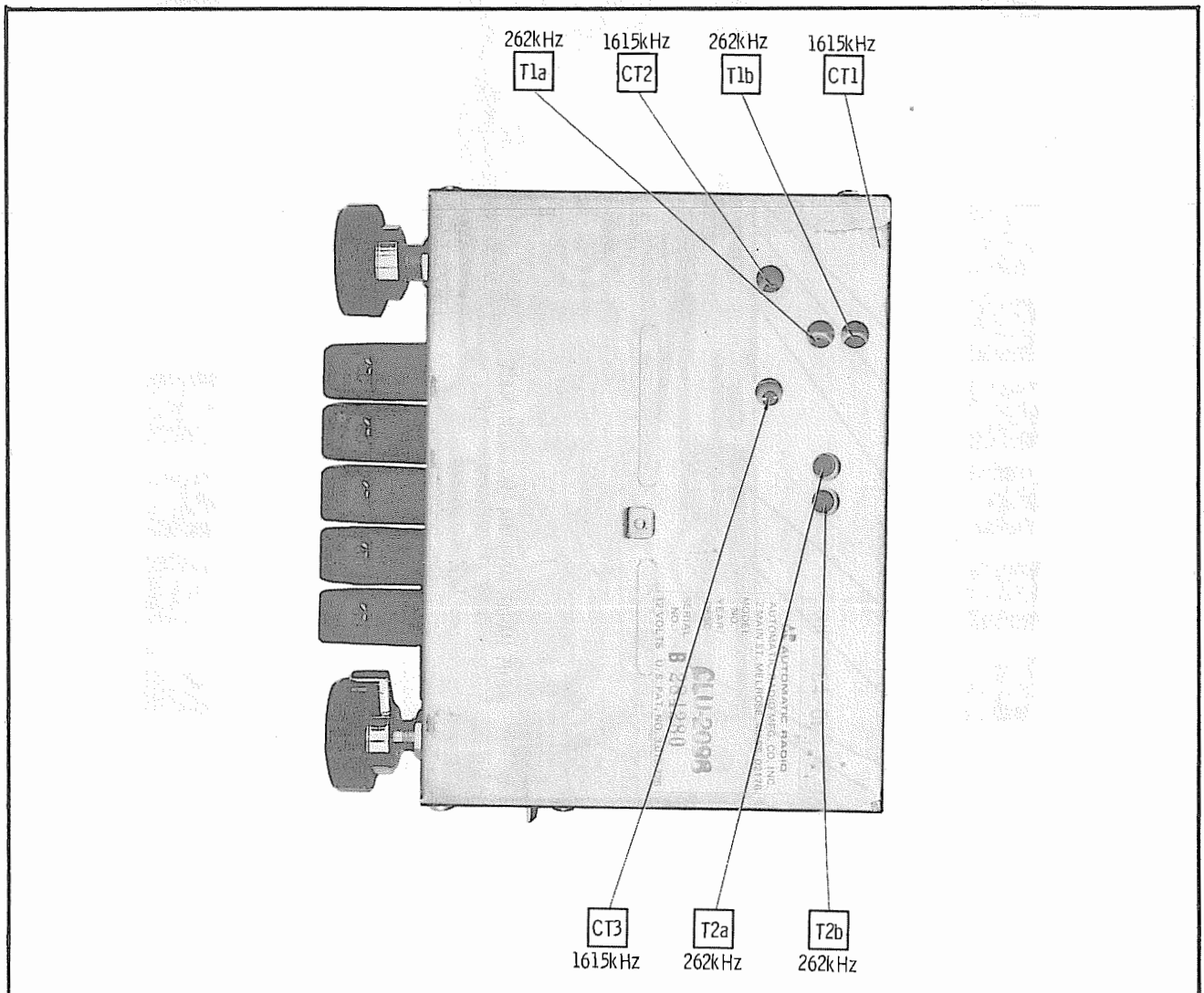
1. Pull button out.
2. Tune manually to desired station.
3. Press button in firmly.
4. Repeat for remaining buttons.

GENERATOR COUPLING	GENERATOR FREQUENCY	RADIO DIAL SETTING	INDICATOR	ADJUST	REMARKS
High side thru .1mfd to point A low side to ground.	262kHz 400-Hz mod.	High freq. end stop.	Output meter across voice coil.	T1a/b, T2a/b	Adjust for maximum.
Thru dummy antenna to antenna input.	1615kHz	"	"	CT1, CT2, CT3	"

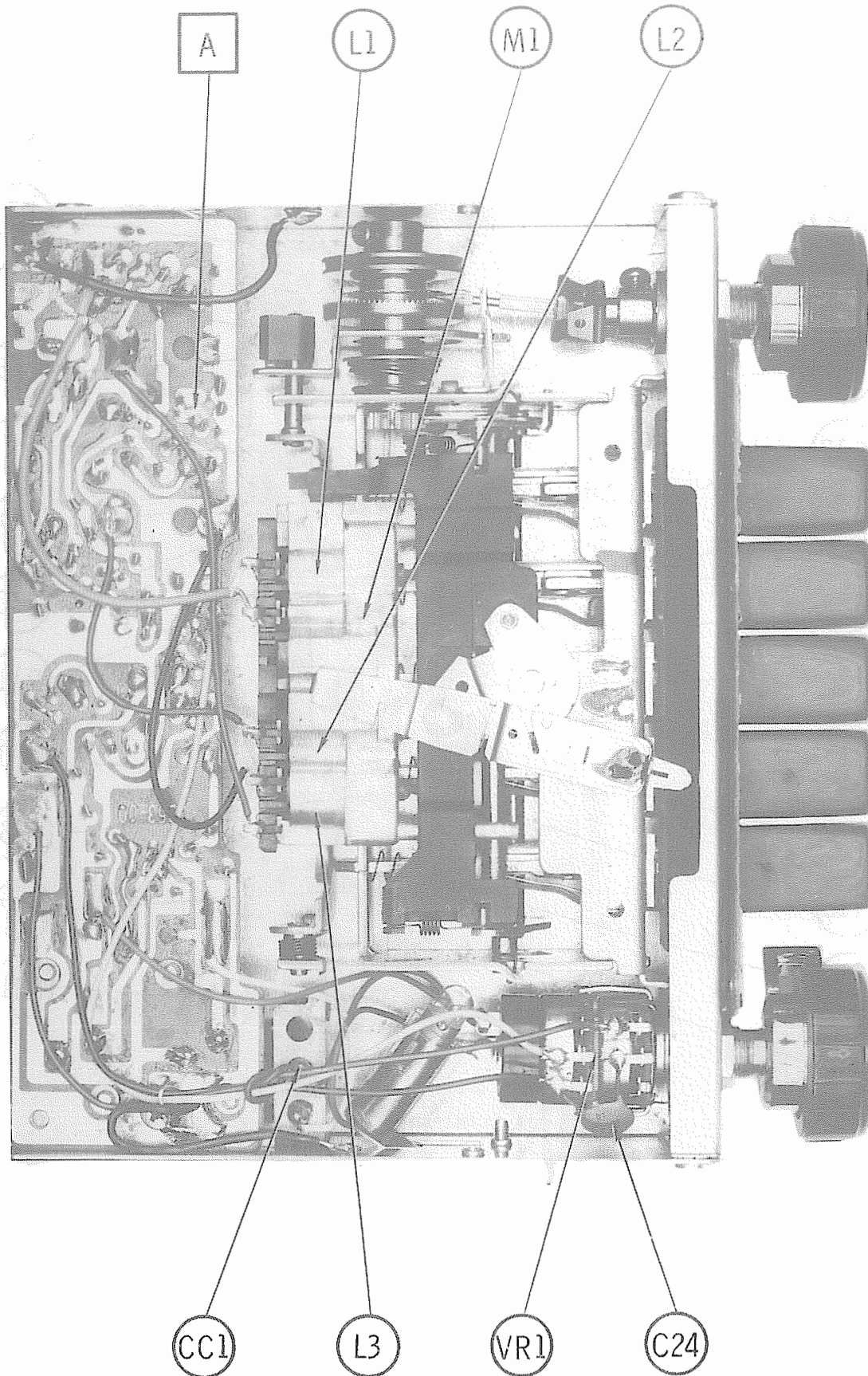
With radio installed in car and antenna extended to desired height, tune in a weak station near 1400kHz and adjust CT1 for maximum output. Antenna adjustment CT1 is located on rear right corner.



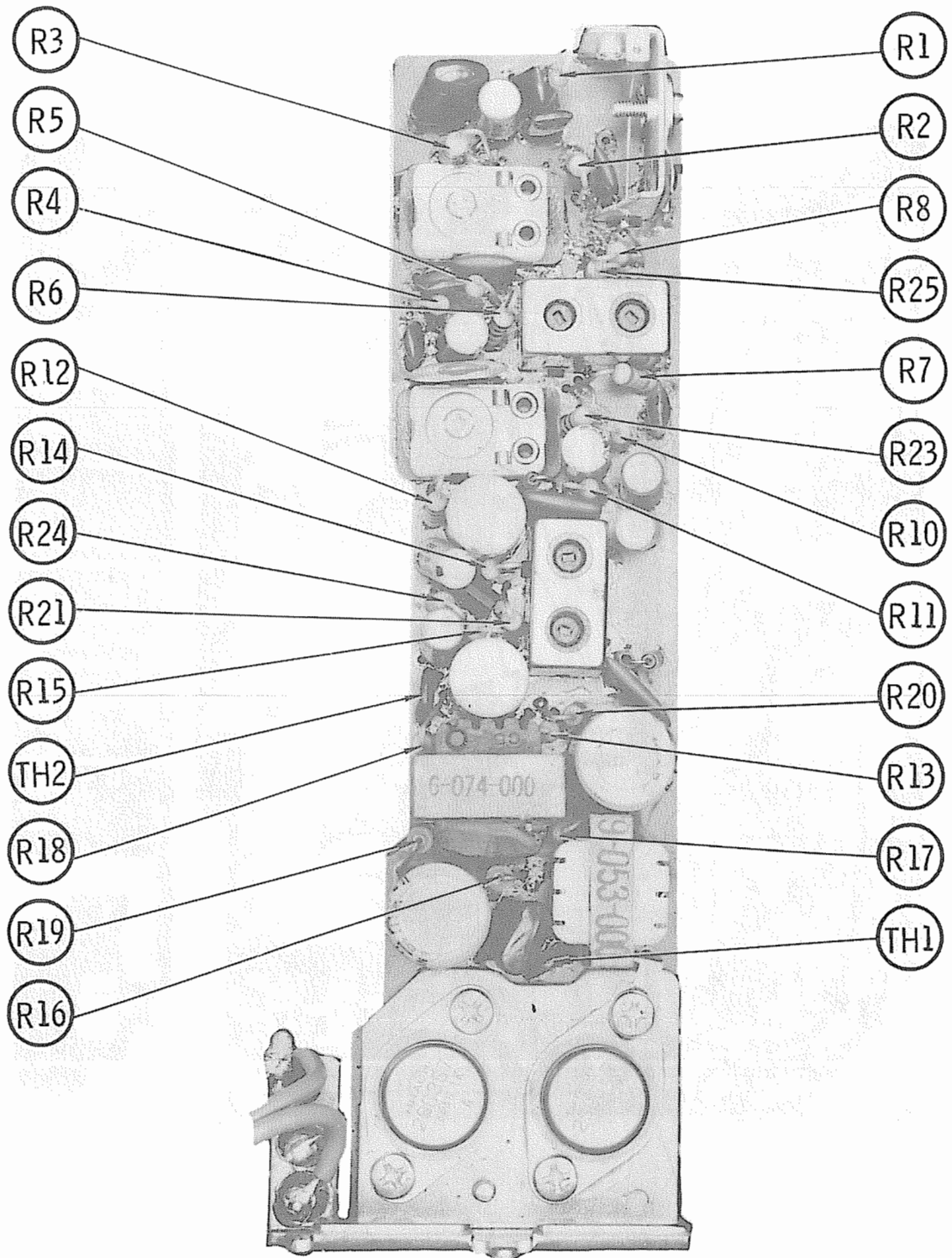
BOARD #3953-00



**AUTOMATIC CUSTOM SERIES**



BOARD #3953-00



BOARD #3953-00

PRINTED BOARD PARTS LIST AND DESCRIPTION  
3953

(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.

SEMICONDUCTORS

ITEM No.	TYPE / MFR. No./PART No.	REPLACEMENT DATA					
		GENERAL ELECTRIC PART No.	INTERNATIONAL RECTIFIER PART No.	MALLORY PART No.	MOTOROLA PART No.	RCA PART No.	SPRAGUE PART No.
01	1N34	1N34A5	1N34A	PTC207	1N34A	5X3087	EGG 109
02	1N34	1N34A5	1N34A	PTC207	1N34A	5X3087	EGG 109
03	2SA355	GE-50	1RTR-85	PTC107	1RTR-85	5X3008	EGG 126
04	2SA354	GE-50	1RTR-85	PTC107	1RTR-85	5X3008	EGG 126
05	2SA354	GE-50	1RTR-85	PTC107	1RTR-85	5X3008	EGG 126
06	2SA358	GE-50	1RTR-85	PTC107	1RTR-85	5X3008	EGG 126
07	25B77	GE-52	1RTR-50 (7)	PTC109	1RTR-50 (7)	5X3062	EGG 122A
08	25B77	GE-52	1RTR-50 (7)	PTC109	1RTR-50 (7)	5X3062	EGG 122A
09	25B357	GE-31MP (6)	1RTR-50 (7)	PTC120	1RTR-50 (7)	5X3062 (7)	EGG 131MP (6)
10	25B357	GE-31MP (6)	1RTR-50 (7)	PTC120	1RTR-50 (7)	5X3062 (7)	EGG 131MP (6)

(6) Matched pair.

(7) Two required, select matched pair.

ELECTROLYTIC CAPACITORS

ITEM No.	RATING	REPLACEMENT DATA					
		MEGR. PART No.	ARCO PART No.	CENTRALAB PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.
C2	22 10V	ME-2-D-020	ME-2-D-020	EP15-25	PC20-50	VTT22016	EV-1224
C11	10 10V	RHE-A-D-010	RHE-A-D-010	EP15-10	PC10-25	VTT10025	EV-1222
C12	10 10V	RHE-E-D-100	RHE-E-D-100	EP15-100	PC100-10	VTT100C010	EV-1130
C16	330 16V	ME-B-E-250	ME-B-E-250	MEB300-35	MEB300-35	MFA300G50	EV-1245
C17	100 10V	ME-B-E-250	ME-B-E-250	MEB300-35	MEB300-35	MFA300G50	EV-1245
C20	100 10V	ME-B-E-250	ME-B-E-250	MEB300-35	MEB300-35	MFA300G50	EV-1245
C23	10 10V	RHE-A-D-010	RHE-A-D-010	EP15-10	PC10-25	VTT10025	EV-1222

CAPACITORS

ITEM No.	RATING	MEGR. PART No.	REPLACEMENT DATA				
			ARCO/ELMENDO PART No.	CENTRALAB PART No.	CORNELL- DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.
C1	200		CCO-201	00-201	GP200	GP320	10T5-T20
C3	.01		CCO-103	CK-103	MRP01	TA110	TG-510
C4	.04			00-403		GP140	
C5	100-333		CCO-101	0T2-100	HP0100	CR0310	10TCC-T10
C6	.0047		CCO-332	00-332	GP3300	JF233	25S-033
C7	.0047		CCO-472	00-472	GP4700	JF247	10T5-047
C8	270		CCO-270	00-271	GP327	GP327	10T5-T27
C9	.01		CCO-103	CK-103	MRP01	TA110	TG-510
C10	.01		CCO-391	00-391	GP390	GP339	10T5-T39
C13	.1		CK-104	CK-104		TA010	TG-P10
C22	.0047			00-472G		JF247	10T5-047
C24	.2			00K25-204			HY-770
CC1a	.001		CCO-472		GP4700	WAG5022	
CT1							
CT2							
CT3							

CONTROLS (All wattages 1/2 watt, or less, unless listed)  
(See Page 32)

RESISTORS (Power and Special)

ITEM No.	RATING	REPLACEMENT DATA		ITEM No.	RATING	REPLACEMENT DATA	
		WORKMAN PART No.	MFR. PART No.			WORKMAN PART No.	MFR. PART No.
TH1	15 (Cold)	FS108		TH2	15 (Cold)	FS108	

COILS (RF-IF)

ITEM No.	USE	REPLACEMENT DATA		
		PART No.	MEISSNER PART No.	MILLER PART No.
L1	Antenna	(1)		
L2	RF	(1)		
L3	Oscillator	(1)		
L4	RF Choke (15oh)			
L5	RF Choke (6.2oh)			
L6	Input IF		19-1004	
L7	Output IF			
T1				
T2				
				T159

## PARTS LIST AND DESCRIPTION

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

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## CONTROLS (All wattages 1/2 watt, or less, unless listed)

ITEM No.	FUNCTION	RESIST-ANCE	MFG. PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	CTS-IRC PART No.	MALLORY PART No.
a	Tone	10K	80A506 (21)	F1-10K, RFS204, KR-4	HP-10K-S, RHF-7500, UR-D-204, X82(17), NME-12	(1) QJ-2599A	P14L, 3114, RU24T14, 152500A, US41
b	Volume/Switch	7500 Tap @ 4000	Q12-3239-00 (22) (285-0542-00)				
a	Tone	10K	80A7353 (23)	F1-10K, RHF-7500, UR-D-204, X82(17), NME-12			
b	Volume/Switch	5000 Tap @ 10K	80A7353 (23)	F1-10K, RHF-7500, UR-D-204, X82(17), NME-12			
a	Tone	7500 Tap @ 4500	80A5135 (24)	F1-10K, RHF-7500, UR-D-204, X82(17), NME-12			
b	Volume/Switch	10K	80A34698(25)	F1-10K, RHF-7500, UR-D-204, X82(17), NME-12			
a	Tone	10K	80A34698(26)	F1-10K, RHF-7500, UR-D-204, X82(17), NME-12			
b	Volume/Switch	6000 Tap @ 4000	80A5870 (27)	F1-10K, RHF-7500, UR-D-204, X82(17), NME-12			
a	Tone	10K	80A5870 (27)	F1-10K, RHF-7500, UR-D-204, X82(17), NME-12			
b	Volume/Switch	6000 Tap @ 3500	80A5870 (28)	F1-10K, RHF-7500, UR-D-204, X82(17), NME-12			
a	Tone	10K	80A5870 (28)	F1-10K, RHF-7500, UR-D-204, X82(17), NME-12			
b	Volume/Switch	25K Tap @ 15K	80A5870 (29)	F1-10K, RHF-7500, UR-D-204, X82(17), NME-12			
a	Tone	25K Tap @ 15K	80A5870 (29)	F1-10K, RHF-7500, UR-D-204, X82(17), NME-12			
b	Volume/Switch	25K Tap @ 15K	80A5870 (30)	F1-10K, RHF-7500, UR-D-204, X82(17), NME-12			
a	Tone	10K	80A5870 (31)	F1-10K, RHF-7500, UR-D-204, X82(17), NME-12			
b	Volume/Switch	25K Tap @ 15K	80A5870 (32)	F1-10K, RHF-7500, UR-D-204, X82(17), NME-12			
a	Tone	10K	80A5870 (33)	F1-10K, RHF-7500, UR-D-204, X82(17), NME-12			
b	Volume/Switch	25K Tap @ 15K	80A5870 (34)	F1-10K, RHF-7500, UR-D-204, X82(17), NME-12			
a	Tone	10K	80A5870 (35)	F1-10K, RHF-7500, UR-D-204, X82(17), NME-12			
b	Volume/Switch	25K Tap @ 15K	80A5870 (36)	F1-10K, RHF-7500, UR-D-204, X82(17), NME-12			
a	Tone	10K	80A5870 (37)	F1-10K, RHF-7500, UR-D-204, X82(17), NME-12			
b	Volume/Switch	25K Tap @ 15K	80A5870 (38)	F1-10K, RHF-7500, UR-D-204, X82(17), NME-12			
a	Tone	10K	80A5870 (39)	F1-10K, RHF-7500, UR-D-204, X82(17), NME-12			
b	Volume/Switch	25K Tap @ 15K	80A5870 (40)	F1-10K, RHF-7500, UR-D-204, X82(17), NME-12			

## CONTROLS (All wattages 1/2 watt, or less, unless listed) (cont)

ITEM No.	FUNCTION	RESIST-ANCE	MFG. PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	CTS-IRC PART No.	MALLORY PART No.
a	Tone	25K	80A5870 (40)	F1-10K, RHF-7500, UR-D-204, X82(17), NME-12			
b	Volume/Switch	25K Tap @ 4000	80A5870 (40)	F1-10K, RHF-7500, UR-D-204, X82(17), NME-12			
a	Tone	10K	80A34698 (41)	F1-10K, RHF-7500, UR-D-204, X82(17), NME-12			
b	Volume/Switch	6000 Tap @ 4000	80A34698 (41)	F1-10K, RHF-7500, UR-D-204, X82(17), NME-12			
a	Tone	10K	80A34698 (42)	F1-10K, RHF-7500, UR-D-204, X82(17), NME-12			
b	Volume/Switch	25K	80A34698 (43)	F1-10K, RHF-7500, UR-D-204, X82(17), NME-12			
a	Tone	10K	80A34698 (44)	F1-10K, RHF-7500, UR-D-204, X82(17), NME-12			
b	Volume/Switch	6000 Tap @ 4000	80A34698 (44)	F1-10K, RHF-7500, UR-D-204, X82(17), NME-12			
a	Tone	10K	80A34698 (45)	F1-10K, RHF-7500, UR-D-204, X82(17), NME-12			
b	Volume/Switch	6000 Tap @ 4000	80A34698 (45)	F1-10K, RHF-7500, UR-D-204, X82(17), NME-12			
a	Tone	25K Tap @ 15K	80A5870A (46)	F1-10K, RHF-7500, UR-D-204, X82(17), NME-12			
b	Volume/Switch	25K Tap @ 15K	80A5870A (47)	F1-10K, RHF-7500, UR-D-204, X82(17), NME-12			
a	Tone	10K	80A34698 (48)	F1-10K, RHF-7500, UR-D-204, X82(17), NME-12			
b	Volume/Switch	6000 Tap @ 4000	80A34698 (48)	F1-10K, RHF-7500, UR-D-204, X82(17), NME-12			
a	Tone	10K	80A34698 (49)	F1-10K, RHF-7500, UR-D-204, X82(17), NME-12			
b	Volume/Switch	25K Tap @ 15K	80A34698 (50)	F1-10K, RHF-7500, UR-D-204, X82(17), NME-12			
a	Tone	10K	80A34698 (51)	F1-10K, RHF-7500, UR-D-204, X82(17), NME-12			
b	Volume/Switch	25K Tap @ 15K	80A34698 (52)	F1-10K, RHF-7500, UR-D-204, X82(17), NME-12			
a	Tone	10K	80A34698 (53)	F1-10K, RHF-7500, UR-D-204, X82(17), NME-12			
b	Volume/Switch	25K Tap @ 15K	80A34698 (54)	F1-10K, RHF-7500, UR-D-204, X82(17), NME-12			
a	Tone	10K	80A34698 (55)	F1-10K, RHF-7500, UR-D-204, X82(17), NME-12			
b	Volume/Switch	25K Tap @ 15K	80A34698 (56)	F1-10K, RHF-7500, UR-D-204, X82(17), NME-12			
a	Tone	10K	80A34698 (57)	F1-10K, RHF-7500, UR-D-204, X82(17), NME-12			
b	Volume/Switch	25K Tap @ 15K	80A34698 (58)	F1-10K, RHF-7500, UR-D-204, X82(17), NME-12			
a	Tone	10K	80A34698 (59)	F1-10K, RHF-7500, UR-D-204, X82(17), NME-12			
b	Volume/Switch	25K Tap @ 15K	80A34698 (60)	F1-10K, RHF-7500, UR-D-204, X82(17), NME-12			

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

ITEM No.	FUNCTION	RESISTANCE	MEGR. PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	CTS-IRC PART No.	MALLOY PART No.
a	Tone	10K	80A9670A (70)	F1-10K, R16-25K, FFS114, RF206, BA106, CR005, R16-10K		(6) QJ-2833A	P14L, 3114, RU24714, 0X1900A, 152006, US41
b	Volume	25K Tap @ 15K					
a	Tone	10K	80A3469B (71)	F1-10K, FFS110, RF201, BB106, KR-4	HP-10K-5, HP-7500, UPC-B-110, X82(17), UPC-D-202, X82(17), HP-10K-5, HP-7500, UPC-B-110, UPC-D-202, X82(17), X8E-12	(3) QJ-2591A	P14L, 4138, RU14753, 0X1625 (19), 152066, US41
b	Volume/Switch	6000 Tap @ 4000					
a	Tone	10K	80A3469B (72)	F1-10K, FFS110, RF201, BB106, KR-4	HP-10K-5, HP-7500, UPC-B-110, UPC-D-202, X82(17), X8E-12	(3) QJ-2591A	P14L, 4138, RU14753, 0X1625 (19), 152066, US41
b	Volume/Switch	6000 Tap @ 4000					
a	Tone	10K	80A3469B (73)	F1-10K, FFS110, RF201, BB106, KR-4	HP-10K-5, HP-7500, UPC-B-110, UPC-D-202, X82(17), X8E-12	(3) QJ-2591A	P14L, 4138, RU14753, 0X1625 (19), 152066, US41
b	Volume/Switch	6000 Tap @ 4000					
a	Tone	10K	80A507B (74)	F1-10K, R14-7500, FFS200, RF208, BB110, KR-4	HP-10K-5, HP-7500, UPC-B-106, UPC-D-202, X82(17), X8E-12	(4) QJ-2585A	P14L, 4178, 0X2000, US41, 152300, US41
b	Volume/Switch	6000 Tap @ 4000					
a	Tone	10K	80A50801 (75)	F1-10K, R16-25K, FFS103, RF3110, 92014, KR-4		(*) QJ-2837A	P14L, 5078, RU24714, 0X1187 (19), 151625, US41 MTC13L1 (20)
b	Volume/Switch	25K Tap @ 12K	(49)	TSV-7K(20) or 1-1000 (20)	C-102 (20)	20X10102B (20)	
820	Bias	1000					
VR2	Fader	2K WA	80A3470 (50)		HPN-40, X82 (17), JPC-B-106	(12) QJ-2832A	
	Fader	2K WA	80A3470 (51)		HPN-40, X82 (17), JPC-B-106	(12) QJ-2832A	
	Fader	2K WA	81A9455 (52)		HPN-40, X82 (17), JPC-B-106	(13) QJ-2828A	
	Fader	2K WA	81A9453 (53)		HPN-40, X82 (17), JPC-B-106	(14) QJ-2825A	
	Fader	2K WA	80A3470 (54)		HPN-40, X82 (17), JPC-B-106	(15) QJ-2831A	
	Fader	2K WA	81A4507 (55)		HPN-40, X82 (17), JPC-B-106	(16) QJ-2830A	
	Fader	2K WA	81A5871 (56)		HPN-40, X82 (17), JPC-B-106	(12) QJ-2832A	
	Fader	2K WA	80A3470 (57)		HPN-40, X82 (17), JPC-B-106	(12) QJ-2832A	
	Fader	2K WA	80A3470 (58)		HPN-40, X82 (17), JPC-B-106	(12) QJ-2832A	
	Fader	2K WA	80A3470 (59)		HPN-40, X82 (17), JPC-B-106	(12) QJ-2832A	
	Fader	2K WA	80A3470 (60)		HPN-40, X82 (17), JPC-B-106	(12) QJ-2832A	
	Fader	2K WA	81A5493 (61)		HPN-40, X82 (17), JPC-B-106	(14) QJ-2825A	
	Fader	2K WA	80A3478 (72)		HPN-40, X82 (17), JPC-B-106	(12) QJ-2832A	
	Fader	2K WA	81A5871 (74)		HPN-40, X82 (17), JPC-B-115	(16) QJ-2830A	

R19-119, R16-116 [Pwr]  
S12, S5 [Pushing]  
76-1 [Switch]

(1) "CONCENTRIK17" Equivalent: K-8 kit with base elements & shafts:  
 D11-116, R22-115 (Pancr)  
 R21-115A, R26-206 (Pancr)  
 S61 (Bushings)  
 76-1 (Swish)

"SNAPTROL" BUG (17). CF9. CR48T. SF14. SR5D. GC.

**AUTOMATIC CUSTOM SERIES**

## (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' COUNTERFACTS for the most up-to-date replacement.

(28) Used in Model DKP-3077 1973 Dodge T

- (74) Used in Model 01HL -4099 1974 Oldsmobile Omega.  
(75) Used in Model VAL-4088 1974 Voltant.  
(76) Used in Model CP-3002 1973 Chevrolet.  
(77) Used in Model CPN-3013 1973 Chevrolet Monte Carlo & Chevelle.  
(78) Used in Model CPN-3013 1973 Chevrolet Monte Carlo & Chevelle.

REPLACEMENT OF		

ITEM No.	TYPE	REFRIGERANT DATA	WGT. PART No.	QUAM PART No.	NOTES
SP1	4" x 10" PH 8 ohms	73B4628	410A2210	BP-3095A (1973 Buick), CNL-4019 (1974 Chevy Truck), CYP-3015 (1969-73 Chevy II & Nova), CYS-3025 (1973 Ford Mustang), CP-3001A (1973 Oldsmobile Delta 88), PHL-4033 (1973 Pontiac Firebird), HRL-4033 (1973 Hornet), LNL-4028 (1974 Leans), OMA-3099A (1973 Omega), ONL-4099 (1974 Omega), SK3097 (1973 Buick Century), TCP-3028 (1973 Lemans), TCS-3019 (1973 Chevy Truck), UAN-5004 (1971-73 Vega)	
	4" x 6" PH 8 ohms 5" PH 8 ohms 4" x 10" PH 8 ohms 6" x 3" PH 8 ohms	2151521 5C328 73B4558 73D3456	46A1Z8 5C328 410A2210 69A2Z10	CUU-2098 (1973 Chev L.U.V.), CNL-3005 (1973 Capri) CNM-3022 (1973 Chevy Van) CNL-3021 (1973 Chevrolet & Monte Carlo) MT-3051 (1973 Mercury)	
	6" x 3" PH 8 ohms	73B9797	69A2Z10	CHN-4002 (1974 Chevrolet), CP-3002A (1973 Chevrolet), FOL-4042 (1974 Ford), FP-3042 (1973 Ford), FFL-4051 (1974 Mercury), FFL-4052 (1973 Ford), FFL-4053 (1974 Mercury Cyclone), Montego TR-4045 (1974 Torino), DKP-3077 (1973 Dodge Truck), CSL-4024 (1974 Cutlass), FPG-3042 (1973 Oldsmobile F89), OE-3026A (1973 Oldsmobile), NCC-3046 (1973 Ford Mustang & Mercury Cougar), WLL-4056 (1974 Mercury), FH-4053 (1974 Ford LTD), FFL-3060 (1973 Ford Pinto), FTL-4050 (1974 Pinto)	
	4" x 10" PH 8 ohms 3" PH 8 ohms	73B6795 73B8197	410A2210	TKF-3053 (Ford Truck) DCX-3009 (1973 Opel) CP-3030A (1971-73 Pontiac) 411A2210 WLL-4056 (1974 Mustang) WLL-4098 (1974 Mustang)	
	5" x 8" PH 8 ohms	73B7953	50A2Z8	73B9998 73B8227 73B5588 73B5571 73B5702 410A2210	
	5" x 8" PH 8 ohms 4" x 6" PH 8 ohms 4" x 10" PH 8 ohms 4" x 10" PH 8 ohms 5" x 10" PH 8 ohms	73B9998 73B8227 73B5588 73B5571 73B5702	58A2Z8 46A1Z8 411A2210 411A2210 410A2210		

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ITEM No.	DESCRIPTION	PART No.		BUSS		LITTELFUSE PART No.	WORKMAN PART No.
		DEVE	HOLDER	DEVE	HOLDER		
F1	AGC 3 Amp (1)	108-303	In Fuse Block	AGC3	H0J	312003	150145
	AGC 3 Amp (2)	108-303		AGC3	H0J	312003	150145
	3 Amp (3)			AGC2	H0J	312002	150145
	AGC 4 Amp (4)			AGC4		303004	
	SFE 20 Amp (6)			SFE-20		307050	

- (6) MODELS: 1981-2003 (1973-1980 and 1981-1990)

[illegible]

ITEM	PART NO.	ITEM	PART NO.
Model CA-1005 Knob, Tuning or Volume Knob, Tone Knob, Dummy Trim Plate Push Button Dial Glass Dial Pointer Escutcheon Dial Glass	47A7380 47A7360 47A7381 5509268 55A7440 55A7440 00A7441 5507349 5507352	Model OVA-3039A Knob, Tuning or Volume Trim Plate Push Button Dial Glass Dial Pointer	47A7631 47A7634 5509268 55A7440 55A7123 or 55A7124 8A6E585
Model CQ-2022 Knob, Volume or Tuning Knob, Tone or Dummy Push Button Dial Pointer	47A6552 47A5171 55A7148B 8A43901	Model DC-3026A Knob, Tuning or Volume Trim Plate Dial Glass Push Button Dial Pointer	47A7669 47A7670 13B99416 55A7682 5507677 8A47699
Model CP-3002 Knob, Volume Knob, Tuning Knob, Tone or Fader Dial Glass Push Button Dial Pointer	47A7609 47A7623 47A7634 5507611A 55A7611 8A47617	Model PINO-3050 Trim Plate Knob, Tuning or Volume Knob, Tone Knob, Dummy Push Button Dial Glass Dial Pointer	5407676D 47A7593 48A3981 55A7682 55A5984 55A7127 8A46578
Model CYP-3015 Knob, Tuning or Volume Knob, Tone or Fader Trim Plate Push Button Dial Glass Dial Pointer	47A7623 47A7634 5509268 55A9367 or 55A7123 8A46585	Model TOR-3044 Knob, Volume or Tuning Knob, Tone Knob, Dummy Dial Glass Push Button Dial Pointer	47A8425 47A8444 47A8445 55A7300 55A5844 8A46641
Model ROR-3093 Knob, Tuning or Volume Knob, Tone Knob, Dummy Escutcheon Dial Glass Push Button Dial Pointer	47A8498 47A8499 47A8504 5508505 5508506 55A8506 8A46524		