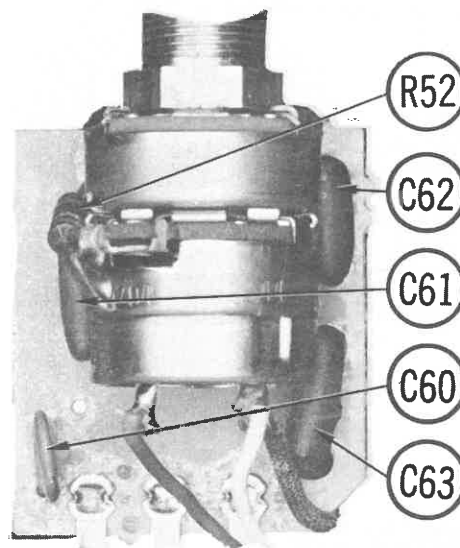


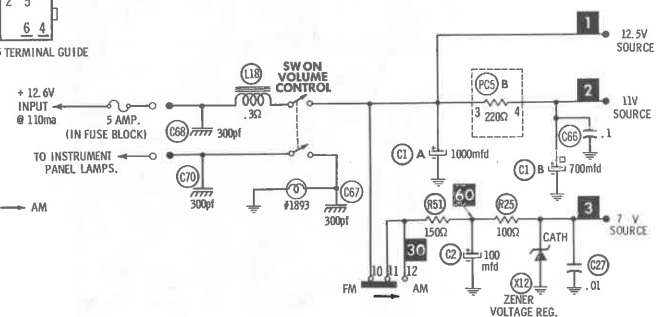
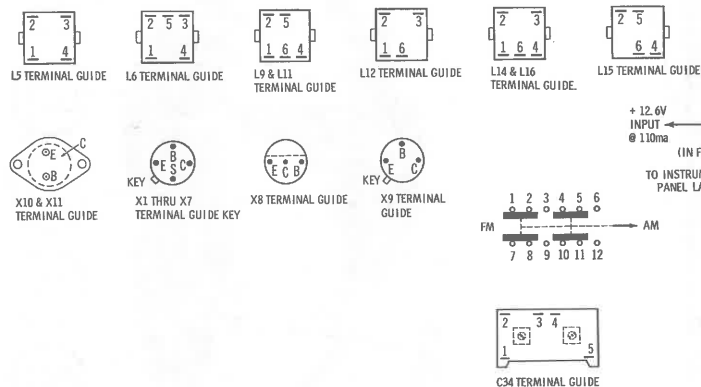
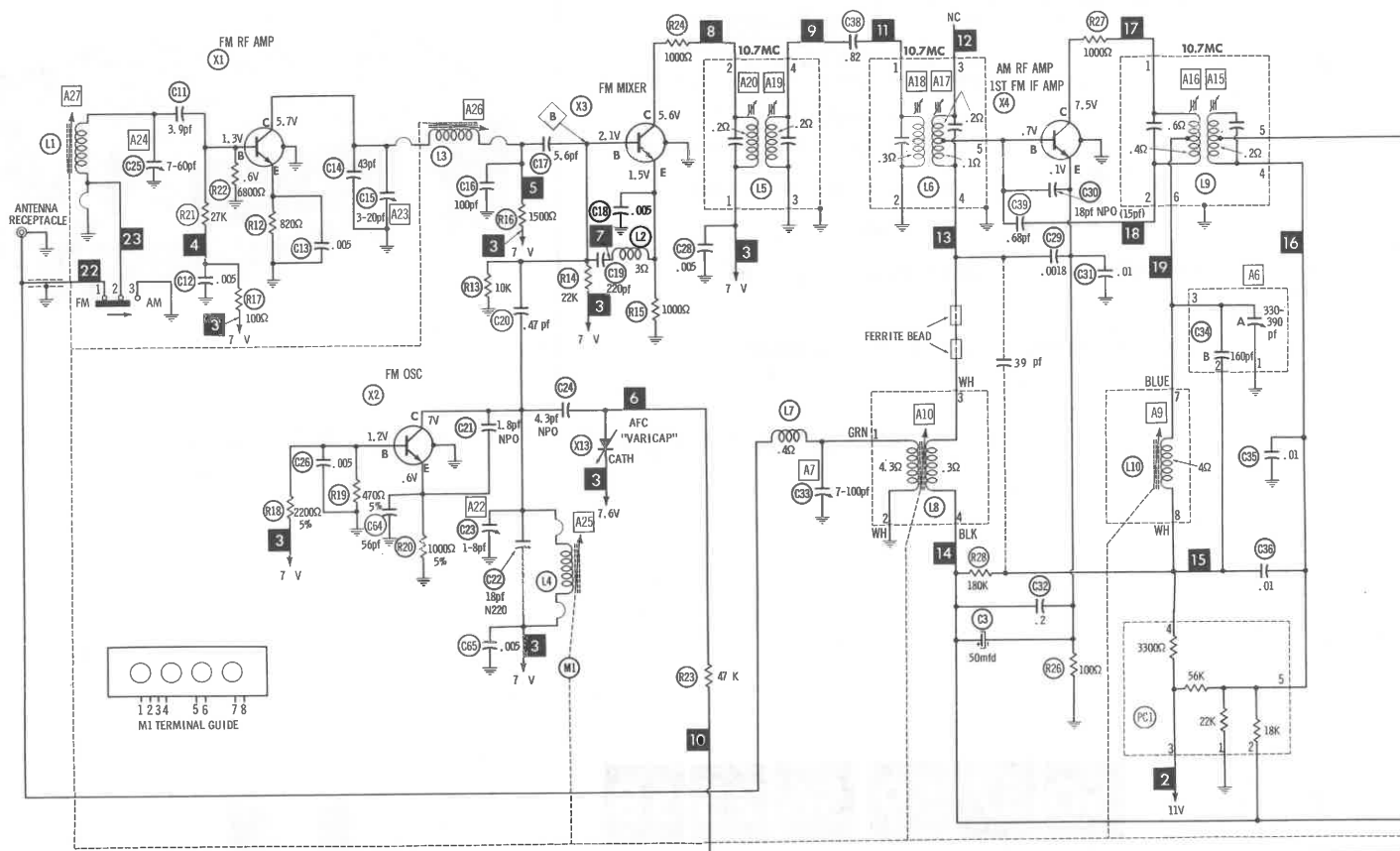


**TUNING RANGE: BROADCAST 535-1605KC**  
**FREQ. MOD: 88-108MC**



**MOPAR MODELS 361, 364, 366, 369, 379**

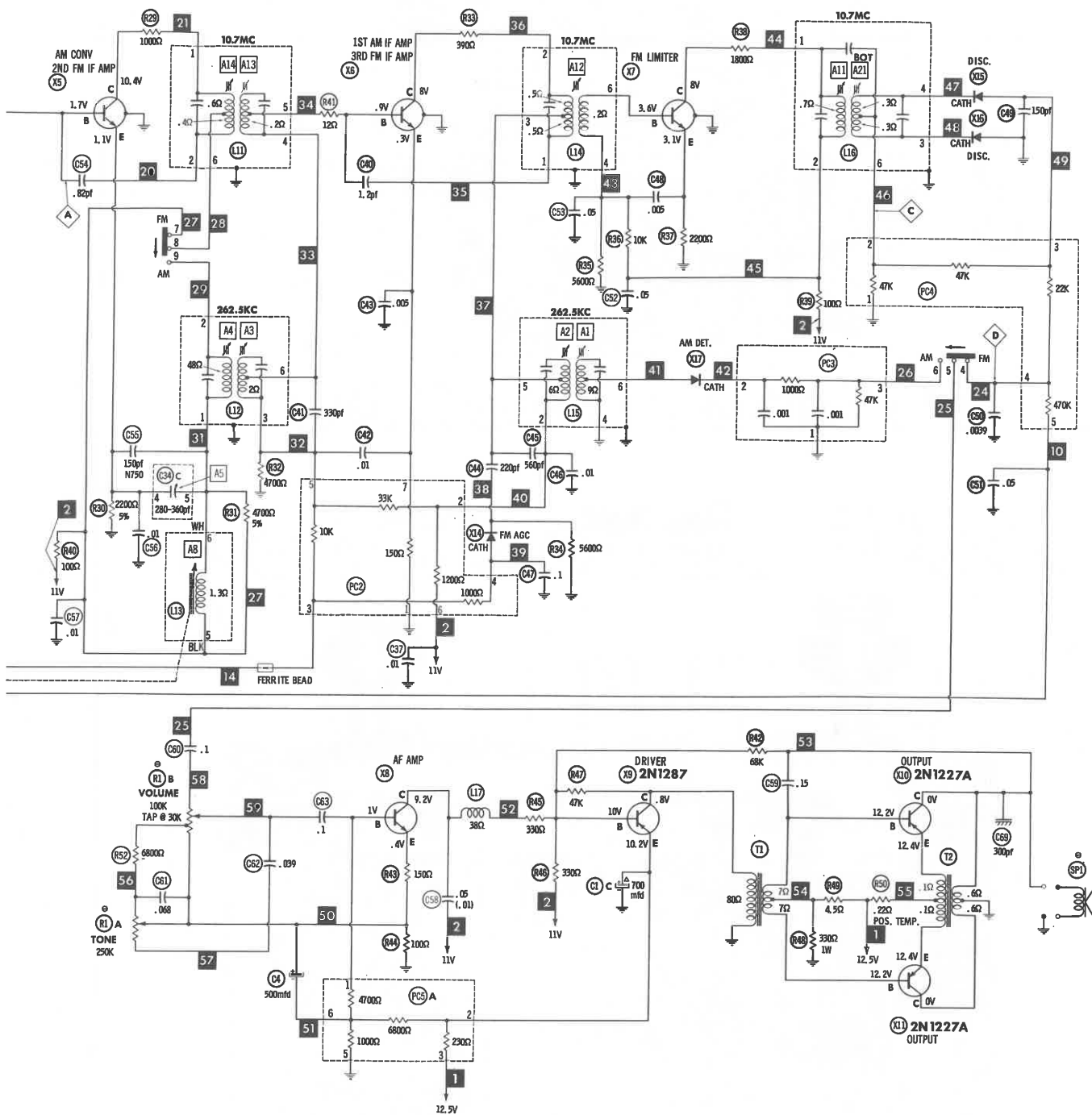
67



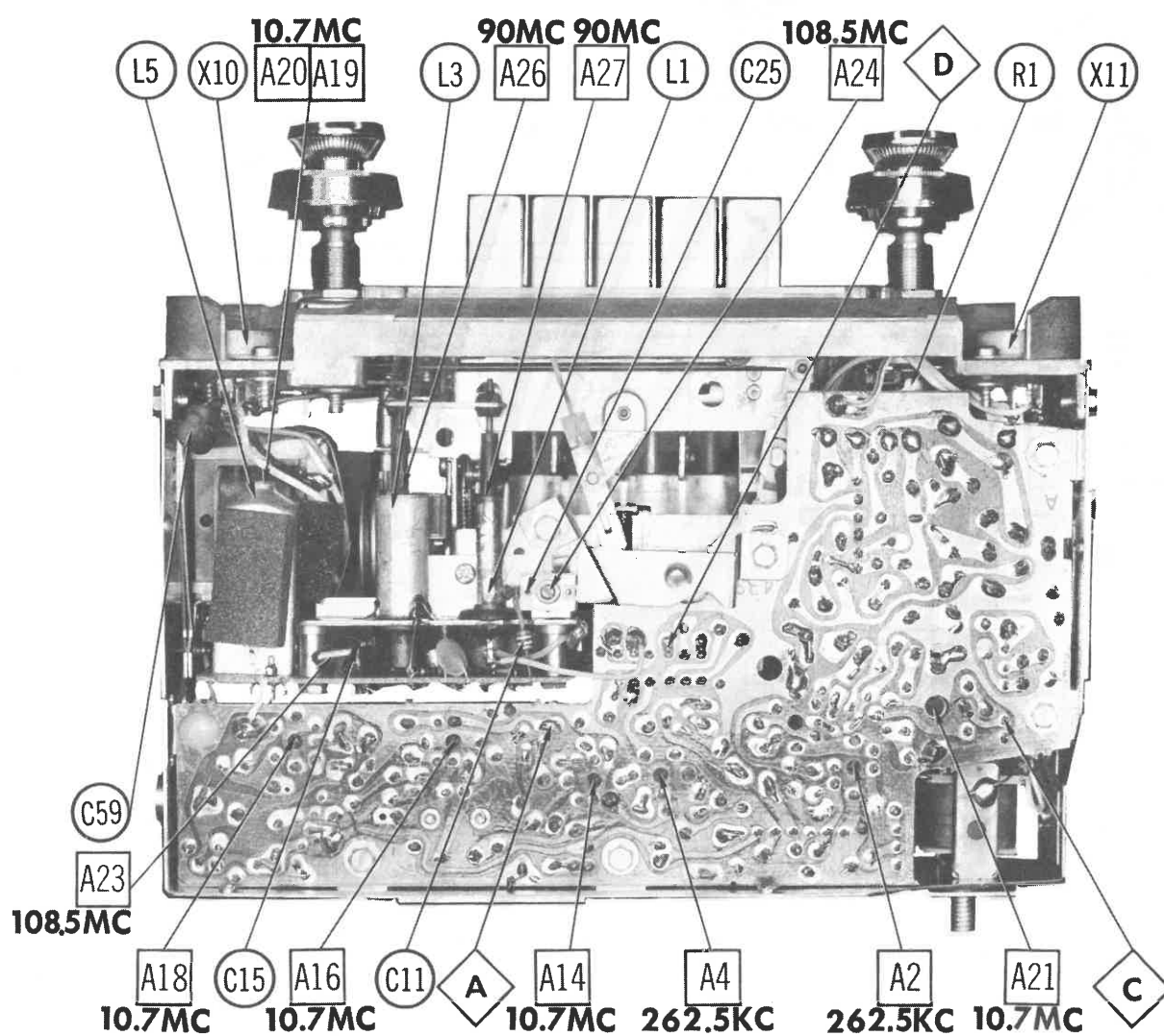
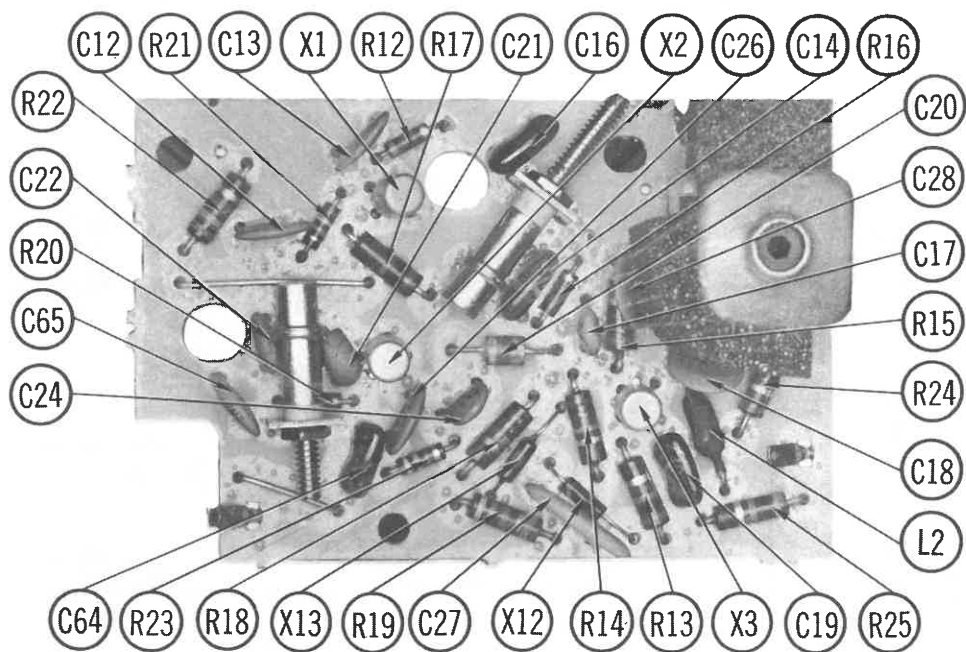
Resistors are 1/2 watt or less and rated 10% or 20% unless otherwise indicated.

- See parts list for alternate value or application.
- 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.

A PHOTOFACT STANDARD NOTATION SCHEMATIC with CIRCUITRACE  
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MOPAR MODELS 361, 364, 366, 369, 379



## ALIGNMENT INSTRUCTIONS

Check for specified source voltage.

Use only enough generator output to provide a usable indication.

Suggested Alignment Tools:

A1 thru A10, A12 thru A20, A22, A23, A24.

GENERAL CEMENT: 9440

WALSCO: 2501

A11, A12.

GENERAL CEMENT: 8806, 8806L, 8869

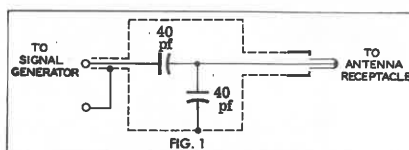
WALSCO: 2543, 2544, 2588

	SIGNAL GENERATOR COUPLING	SIGNAL GENERATOR FREQUENCY	RADIO DIAL SETTING	INDICATOR	ADJUST	REMARKS
1.	High side thru .1mfd to point $\diamond$ , low side to ground.	262.5KC (400% Mod.)	High Freq. End Stop.	Output Meter across voice coil.	A1, A2, A3, A4	Adjust for maximum.
2.	Thru dummy (Fig. 1) to antenna receptacle.	1605KC	"	"	A5, A6, A7	"
Step 3 is not necessary unless tuner has been tampered with or associated components have been replaced. IF necessary, back tuning cores (A8, A9, A10) out of coils but not out of forms. Repeat step 2.						
3.	Thru dummy (Fig. 1) to antenna receptacle.	1000KC	Tune to Signal.	Output Meter across voice coil.	A8, A9, A10	Adjust for maximum. Repeat steps 2 & 3 until no further improvement is noted.
With radio installed in car and antenna extended to 33", tune in a weak station near 1400KC and adjust A7 for maximum output.						

Remove tuning and band selector switch knobs and adjust Antenna Trimmer .

### PUSH-BUTTON ADJUSTMENT

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



### FM ALIGNMENT USING AM SIGNAL GENERATOR — SELECTOR IN FM POSITION

High side thru .01mfd to point  $\diamond$ , low side to ground.

	GENERATOR FREQUENCY	DIAL SETTING	INDICATOR	ADJUST	REMARKS
4.	10.7MC (Unmod.)	Point of non-interference.	DC probe of VTVM to point $\diamond$ ; common to ground.	A11, A12, A13, A14, A15, A16, A17, A18, A19, A20.	Adjust for maximum.
5.	"	"	DC probe to point $\diamond$ ; common to ground.	A21.	Adjust for zero reading. A positive or negative reading will be obtained on either side of the correct setting.

### FM IF ALIGNMENT USING FM SIGNAL GENERATOR — SELECTOR IN FM POSITION

High side thru .01mfd to point  $\diamond$ , low side to ground. Use only enough marker signal to obtain indication. Use 80% frequency modulated signal with 450KC sweep. Use 120% sawtooth voltage in scope for horizontal deflection.

	GENERATOR FREQUENCY	DIAL SETTING	INDICATOR	ADJUST	REMARKS
4.	10.7MC (450KC Swp.)	Point of non-interference	Vert. amp. of Scope to point $\diamond$ ; low side to ground.	A11, A12, A13, A14, A15, A16, A17, A18, A19, A20.	Adjust for maximum gain and symmetry of response similar to Fig. 2 with marker as shown.
5.	"	"	Vert. amp. to point $\diamond$ ; low side to ground.	A21.	Adjust A21 (Secondary) to place marker at center of crossover lines similar to Fig. 3. Adjust A11 (Primary) for maximum amplitude and straightness of crossover lines.

### FM RF ALIGNMENT

Connect generator across antenna terminals with 120Ω carbon resistors in series with each lead.

	GENERATOR FREQUENCY	DIAL SETTING	INDICATOR	ADJUST	REMARKS
6.	108.5MC	Set at high end.	DC probe of VTVM to point $\diamond$ ; common to ground.	A22, A23, A24.	Adjust for maximum.
7.	90MC	Tune to signal.	"	A25, A26, A27.	Rock tuning and adjust for maximum. Repeat steps 6 and 7 until no further improvement can be made.

FIG. 2

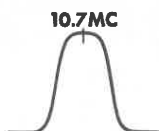
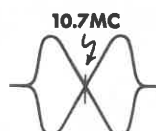
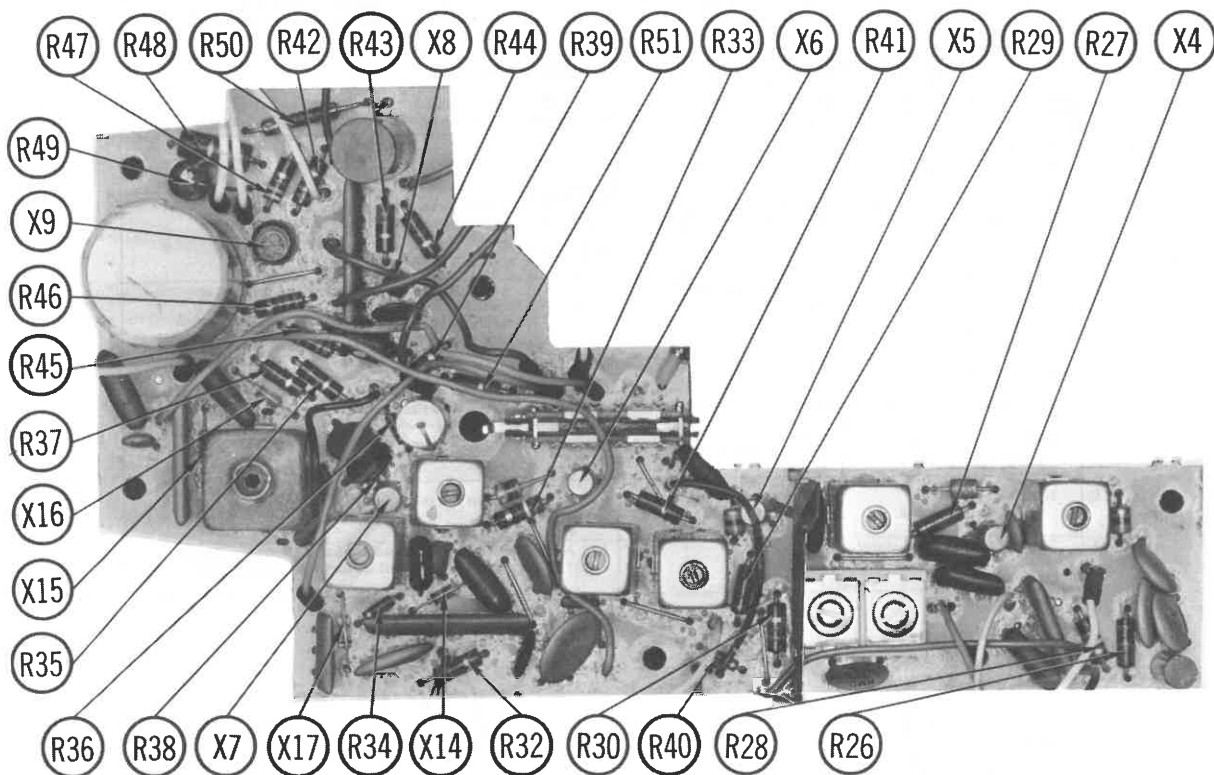
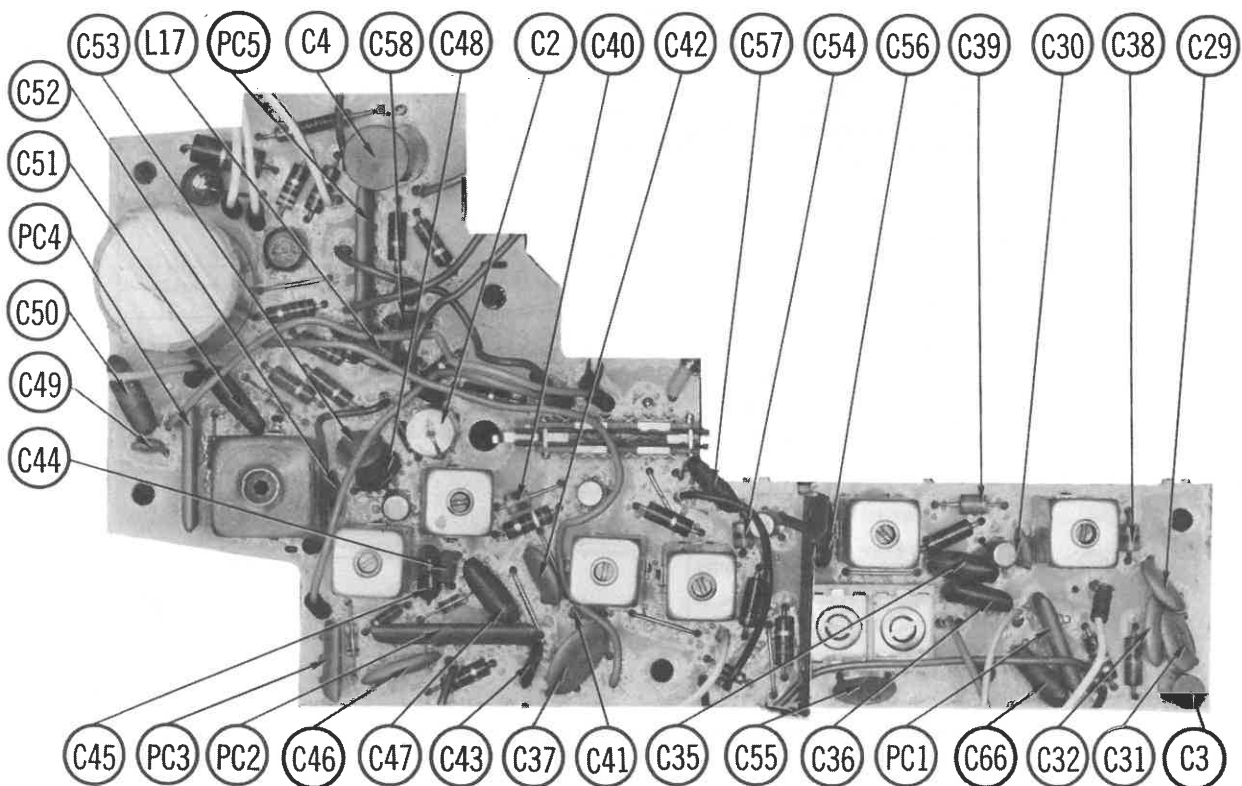
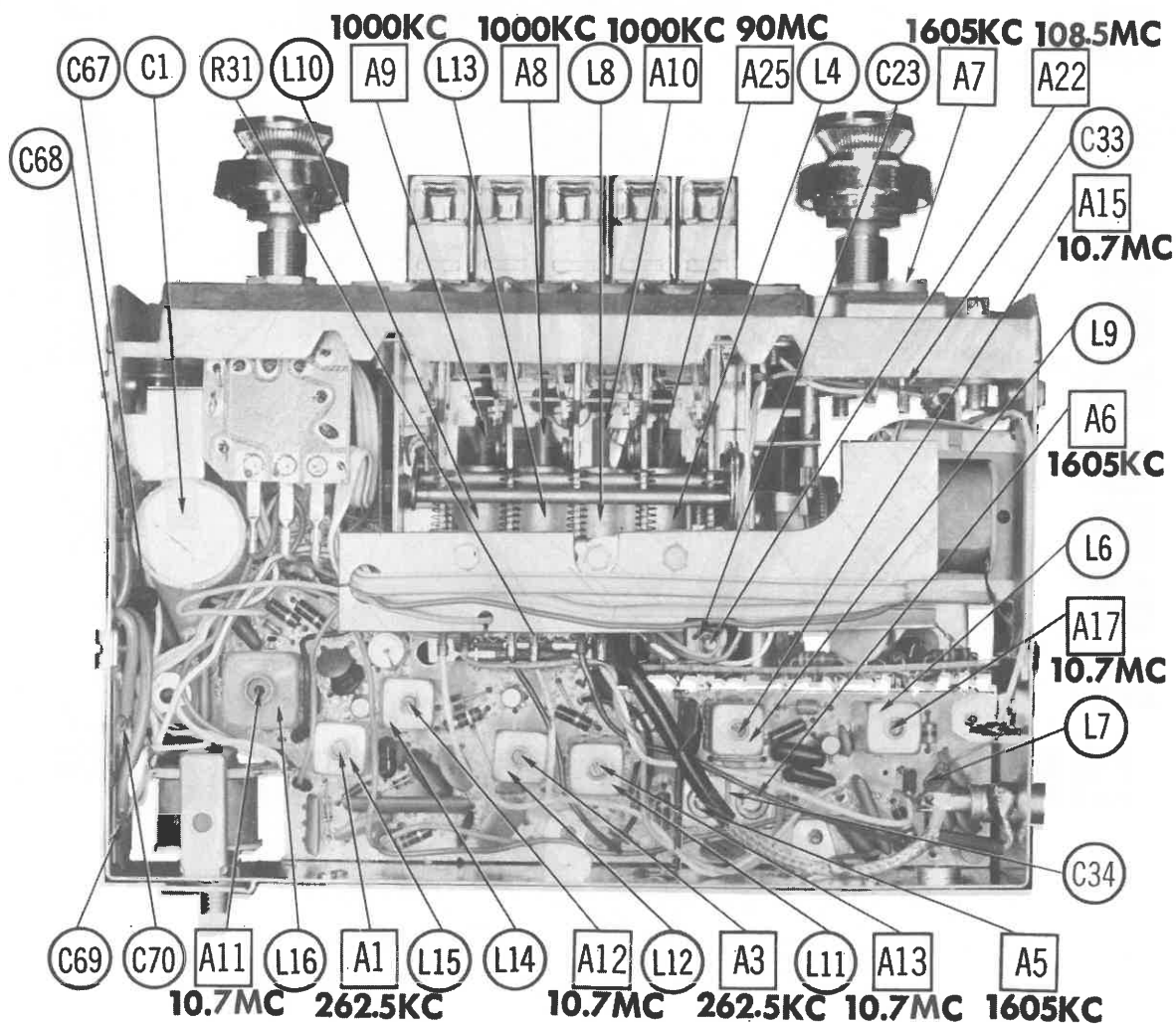
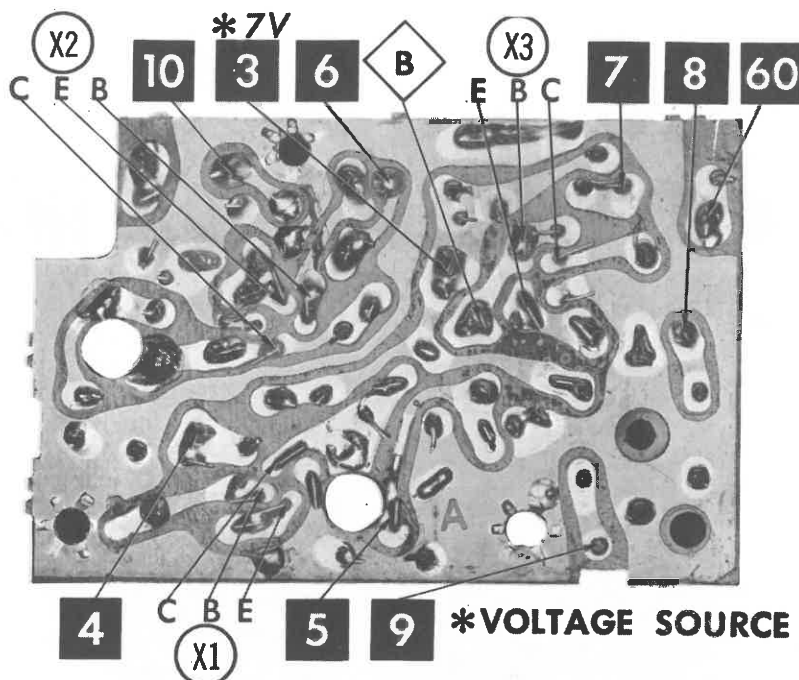


FIG. 3













# 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.

## TRANSISTORS

ITEM No.	ORIG. TYPE	USE	REPLACEMENT DATA			NOTES	BENDIX PART No.
			DELCO PART No.	GENERAL ELECTRIC PART No.	RCA PART No.		
X1		FM RF			SK-3018	NPN	2092417-0711
X2		FM Oscillator			SK-3018	NPN	2092417-0713
X3		FM Mixer			SK-3018	NPN	2092417-0712
X4		AM RF/1st. FM IF			SK-3018	NPN	2092418-0715
X5		AM Conv./2nd. FM IF			SK-3018	NPN	2092418-0718
X6		1st. AM IF/3rd. FM IF			SK-3018	NPN	2092418-0717
X7		Limiter			SK-3018	NPN	2092418-0716
X8		AF Amp.	DS-46	GE-10	SK-3020	NPN	2092809-0707
X9	2N1287A	Driver	DS-26	GE-2	SK-3004	PNP	2091578-0702
X10	2N1227A	Output	DS-520	GE-3	SK-3009	PNP ♦	2091859-0714
X11	2N1227A	Output	DS-520	GE-3	SK-3009	PNP ♦	2091859-0714

♦ When replacing, apply silicone grease to both sides of insulator. Tighten mounting screws securely.

## 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.
X12		2092055-0005					
X13		2092055-0008					
X14		2092055-0001	1N344S	1N34A			
X15		2092055-0007	1N344S	1N34A			
X16		2092055-0007	1N344S	1N34A			
X17		2092055-0001	1N344S	1N34A			

## ELECTROLYTIC CAPACITORS

ITEM No.	RATING		REPLACEMENT DATA					
	CAP.	VOLT.	BENDIX PART No.	AEROVOX PART No.	CORNELL-DUBILIER PART No.	GENERAL ELECTRIC PART No.	MALLORY PART No.	SPRAGUE PART No.
C1A	1000	16	2092983-0705	AFH3-00-98				TVL8-3027.9*
B	700	16						
C	700	16						
C2	100	16	2093687-0706	PTT121	NLW100-25	MT1-23	TT25X100	TL-1182
C3	50	3	2090480-0015	BCD3050	NLW50-3	MT1-18	PET1575	VL-1045
C4	500	3	2090480-0009	CRE243A	NLW450-3	MT1-26	PET280	TE-1088

\* Not normally in distributor's stock. Available thru distributor on order to manufacturer.

## 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.	
C11	3.9			TTD-005	CK-502	HOY101ZV502P	CCD-502	TA250	10TCC-V39	
C12	.005			TTD-005	CK-502	HOY101ZV502P	CCD-502	TA250	TG-D50	
C13	.005								TG-D50	
C14	.43		#2090926-0726							
C15	3-20		#2093105-0503							
C16	100			DI-100	DD-101	JBZ801YP101K	CCD-101	GP310	5GA-T10	
C17	5.6				DD-080				5GA-V60	
C18	.005			TTD-005	CK-502	HOY101ZV502P	CCD-502	TA250	TG-D50	
C19	220			DI-220	DD-221	JBZ801YP221K	CCD-221	GP322	5GA-T22	
C20	.47		#2093231-2478							
C21	1.8	NPO							10TCC-V18	
C22	18	N220							10TCR-Q18	
C23	1-8		#2093105-0001							
C24	4.3	NPO	#2093135-0706							
C25	7-60		#2093115-0703							
C26	.005			TTD-005	CK-502	HOY101ZV502P	CCD-502	TA250	TG-D50	
C27	.01			TTD-01	CK-103	HOY101ZV103P	CCD-103	TA110	TG-S10	
C28	.005			TTD-005	CK-502	HOY101ZV502P	CCD-502	TA250	TG-D50	
C29	.0018			DI-1800	DD-182	JBX801YP182K	CCS-182	GP218	5GA-D18	
C30	18	NPO	(15pf)†		TCZ-18	CY801CG180J	CCTO-180	CN0418	10TCC-Q18	
C31	.01			TTD-01	CK-103	HOY101ZV103P	CCD-103	TA110	TG-S10	
C32	.2				UK10-204					
C33	7-100		#2093466-0702							
C34A	330-390		#2092422-0710							
B	160									
C	280-360									
C35	.01	25V		DBE481	CPR-10000J	WMF181	1DP-1-103	PVC211	4PS-S10	
C36	.01	25V		DBE481	CPR-10000J	WMF181	1DP-1-103	PVC211	4PS-S10	
C37	.01			TTD-01	CK-103	HOY101ZV103P	CCD-103	TA110	TG-S10	
C38	.82		#2093231-1828							
C39	.68		#2093231-2688							
C40	1.2									
C41	330			DI-330	TCZ-1R5	JBZ801YP331K	CCD-331	GP333	10TCC-V12	
C42	.01			TTD-01	DD-331	HOY101ZV103P	CCD-103	TA110	5GA-T33	
C43	.005			TTD-005	CK-103	HOY101ZV103P	CCD-103	TA110	TG-S10	
C44	220			DI-220	CK-502	HOY101ZV502P	CCD-502	TA250	TG-D50	
C45	560			DI-560	DD-221	JBZ801YP221K	CCD-221	GP322	5GA-T22	
C46	.01			TTD-01	DD-561	JBZ801YP561K	CCD-561	GP356	5GA-T56	
C47	.1	25V		DBE2P1	CK-103	HOY101ZV103P	CCD-103	TA110	TG-S10	
C48	.005			TTD-005	WMF1P1	HOY101ZV502P	1DP-2-104	PVC101	2PS-P10	
C49	150			DI-150	CK-502	HOY101ZV502P	CCD-502	TA250	TG-D50	
C50	.0039	100V		DBE8D39	DD-151	RR05CW151K	CCD-151	GP315	5GA-T15	
C51	.05	100V		DBE685	CPR-3900J	DPMS6D39	6DP-1-392	PVC6239	6PS-D39	
C52	.05			TTD-05	DPMS285	HOY101ZV503Z	1DP-2-503	PVC215	2PS-S50	
					CK-503		CCD-503	TA150	TG-S50	

MOPAR MODELS 361, 364, 366, 369, 379

## 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.

### 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.
C53	.05	#2093231-2828  (.01) †	TTD-05	CK-503	HOV101ZV503Z	CCD-503	TA150	TG-S50
C54	.82		N750-DI 150	DTN-150	WMF1S1	CCTN-151	CN7315	10TCU-T15
C55	150 N750			CPR-10000J		1DP-1-103	PVC211	4PS-S10
C56	.01 25V		DBE4S1	CPR-10000J	WMF1S1	1DP-1-103	PVC211	4PS-S10
C57	.01 25V		TTD-05	CK-503	HOV101ZV503Z	CCD-503	TA150	TG-S50
C58	.05		DBE2P15	UK10-104	DPMS2P15	1DP-3-154	PVC1015	2PS-P15
C59	.15 100V		DBE4S68		DPMS6S39	1DP-2-683	MAG1201	HY-320
C60	.1			DBE6S39			6DP-3-393	PVC1168
C61	.068 25V		DBE2P1	DD-560	WMF1P1	1DP-2-104	PVC101	2PS-P10
C62	.039 25V		DI-56		RR05CW560K	CCD-560	GP456	5GA-Q56
C63	.1 25V	TTD-005	CK-502	HOY101ZV502P	CCD-502	TA250	TG-D50	
C64	56	DBE2P1		WMF1P1	1DP-2-104	PVC101	2PS-P10	
C65	.005	#2093050-0002 #2093050-0002 #2093050-0706 #2093050-0002						
C66	.1 25V							
C67	300							
C68	300							
C69	300							
C70	300							

\* Not normally in distributor's stock. Available thru distributor on order to manufacturer.

# Bendix Part Number.

† Alternate Value.

### CONTROLS

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

ITEM No.	USE	RESIST- ANCE	REPLACEMENT DATA				
			BENDIX PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	CTS-IRC PART No.	MALLORY PART No.
R1A	Tone Volume/Switch	250K 150K Tap @ 75K	2093471-0704	F1-250K, R14-250K, FFS105,RFS113, BC014,SC004, KR-7			

### RESISTORS (Power and Special)

ITEM No.	RATING	REPLACEMENT DATA			ITEM No.	RATING	REPLACEMENT DATA		
		IRC PART No.	WORKMAN PART No.	BENDIX PART No.			IRC PART No.	WORKMAN PART No.	BENDIX PART No.
R49	4.5Ω (Cold) Thermistor			220629-0016	R50	.22Ω 2W (PTC)			2090948-0007

### COILS (RF-IF)

ITEM No.	USE	REPLACEMENT DATA					
		BENDIX PART No.	MEISSNER PART No.	MERIT PART No.	MILLER PART No.	STANCOR PART No.	WORKMAN PART No.
L1	FM Antenna	①	19-1000	BC-561	4602	RTC-8515	T855
L2	FM IF Trap (1uh)	2092210-0005					
L3	FM RF	①					
L4	FM Oscillator	①	19-1002	BC-563	74F226AP	RTC-8517	TA812
L5	1st. FM IF	2093586-0701					
L6	2nd. FM IF	2093587-0701					
L7	RF Choke (2uh)	2092210-0007					
L8	AM Antenna	①					
L9	3rd. FM IF	2093587-0702					
L10	AM RF	①					
L11	4th. FM IF	2093587-0703	19-1002	BC-563	74F226AP	RTC-8517	TA812
L12	1st. AM IF	2092419-0715					
L13	AM Oscillator	①					
L14	FM Limiter	2093587-0705					
L15	2nd. AM IF	2092419-0716					
L16	Discriminator	2092423-0702					
L17	Tone Choke (8mh)	2092210-0709					

① Part of M1 or Coil Assembly, Part #2093394-0706.

### TRANSFORMER (DRIVER)

ITEM No.	TURNS RATIO	REPLACEMENT DATA					NOTES
		BENDIX PART No.	MERIT PART No.	STANCOR PART No.	THORDARSON PART No.	TRIAD PART No.	
T1	2.2 1	2092192-0704					

### FILTER CHOKE

ITEM No.	RATINGS			REPLACEMENT DATA				NOTES
	CURRENT (Measured)	DC RES.	INDUCTANCE (0 CURRENT 1000~)	BENDIX PART No.	MERIT PART No.	STANCOR PART No.	THORDARSON PART No.	
L18	110ma	.3Ω	1.9MH	2090520-0710	C-4124	TC-1	TR-157	TY16XT

### TRANSFORMER (AUDIO OUTPUT)

ITEM No.	IMPEDANCE		REPLACEMENT DATA					NOTES
	PRI.	SEC.	BENDIX PART No.	MERIT PART No.	STANCOR PART No.	THORDARSON PART No.	TRIAD PART No.	
T2	25Ω Tap	@ 8Ω	2091880-0706					

## 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.

### SPEAKER

ITEM No.	TYPE				REPLACEMENT DATA		NOTES
					BENDIX PART No.	QUAM PART No.	
SP1	4" x 10"	PM	8Ω		2093913-0701	410A2Z8	Models: 361, 369.
	4" x 10"	PM	8Ω		2093913-0702	410A2Z8	Model: 364.
	8" x 9"	PM	8Ω		2093157-0001	69A2Z8	Models: 366, 369, 379.

### FUSE DEVICES

ITEM No.	TYPE	RATING	REPLACEMENT DATA					
			PART No.		LITTELFUSE PART No.		BUSS PART No.	
			FUSE	HOLDER	FUSE	HOLDER	FUSE	HOLDER
F1	AGC	5 Amp.	2091811-0018	In Fuse Block	311005		AGC 5	

### COMPONENT COMBINATIONS

ITEM No.	USE	DESCRIPTION	BENDIX PART NO.	REPLACEMENT DATA
PC1	IF Network	3300Ω, 18K, 22K, 56K	2093581-0702	
PC2	IF Network	150Ω, 1000Ω, 1200Ω, 10K, 33K	2093582-0702	
PC3	Det. Network	1000Ω, 47K, .001mfd, .001mfd	2093583-0701	
PC4	Discriminator Network	22K, 47K, 47K, 470K	2093584-0701	
PC5	AF Network	220Ω, 230Ω, 1000Ω, 6800Ω, 27K	2093585-0703	

### MISCELLANEOUS

ITEM No.	PART NAME	BENDIX PART No.	NOTES
M1	Tuner (AM-FM)	2093549-0513	Model: 361, 369.
	Tuner (AM-FM)	2093549-0515	Model: 364.
	Tuner (AM-FM)	2093549-0514	Model: 366.
	Tuner (AM-FM)	2093549-0516	Model: 379.
	FM Coil Assembly	2093394-0706	
S1	AM Coil Assembly	2090131-0093	
	Selector Switch	2093539-0701	
	Printed Circuit Board	2093987-0506	(Main Chassis)
	Printed Circuit Board	2093987-0508	(FM Tuner)
	Printed Circuit Board	2094389-0002	(Volume Control)

### CABINETS & CABINET PARTS

(When Ordering Specify Model, Chassis & Color)

ITEM	PART No.	ITEM	PART No.
MODEL 361 (6FBD)		MODEL 366 (6FBC)	
Escutcheon	2093579-0501	Knob, Tuning or Volume	2093911-0501
Dial Glass	2093514-0001	Knob, Tone or Selector	2093905-0501
Pushbutton	2093512-0001	Bezel	2093912-0001
Dial Pointer	2090129-0079	MODEL 369 (6FBP & 6FBVE)	
Knob, Tuning or Volume	2093493-0002	Escutcheon	2093579-0501
Knob, Tone or Selector	2093494-0001	Dial Glass	2093513-0001
Bezel	2094404-0001	Pushbutton	2093512-0001
MODEL 364 (6BDD)		Dial Pointer	2090129-0079
Escutcheon	2093580-0003	Knob, Tuning or Volume (6FBP)	2094333-0001
Dial Glass	2094241-0001	Knob, Tuning or Volume (6FBVE)	2093493-0501
Pushbutton	2094702-0001	Knob, Tone or Selector (6FBP)	2094334-0001
Dial Pointer	2090129-0079	Knob, Tone or Selector (6FBVE)	2093494-0001
Knob, Tuning or Volume	2093910-0001	Bezel (6FBP)	2094335-0001
Knob, Tone or Selector	2093915-0001	Bezel (6FBVE)	2094336-0001
Bezel	2094436-0001	MODEL 379 (6FBL)	
MODEL 366 (6FBC)		Escutcheon	2093579-0501
Escutcheon	2093580-0001	Dial Glass	2093513-0001
Dial Glass	2094240-0001	Pushbutton	2094265-0001
Pushbutton	2093519-0001	Dial Pointer	2090129-0079
Dial Pointer	2090129-0080	Knob, Tuning or Volume	2094340-0001
		Knob, Tone or Selector	2094341-0001

### 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.)