

PHOTOFACT® Folder

with CIRCUITRACE™

TRUETONE MODEL
MIC1720B-76 (DC1720B)



TRADE NAME: Truetone Model MIC1720B-76 (DC1720B)
 SUPPLIER: For Current Address, See Annual Index
 TYPE SET: 6-Transistor AM Receiver
 POWER SUPPLY: 9 Volts DC
 RATING: 8ma @ 9VDC (No Signal, Min. Volume)
 24ma @ 9VDC (Signal, Normal Volume)

ALIGNMENT INSTRUCTIONS

Check for specified source voltage. Set Volume control at maximum.
 Fashion loop of several turns of wire and connect generator across loop.
 Adjust output of generator to radiate only enough signal into receiver to obtain a suitable indication.
 Suggested Alignment Tools:

A1 thru A6.....GENERAL CEMENT #8868, 8987, 9089..WALSCO #2531-X, 2541, 2587

	GENERATOR FREQUENCY	DIAL SETTING	INDICATOR	ADJUST	REMARKS
1.	455KC (400v Mod.)	Tuning gang fully open.	Output Meter across Voice coil.	A1, A2, A3	Adjust for maximum. Repeat until no further improvement can be made.
2.	1600KC	"	"	A4	Adjust for maximum.
3.	1400KC	Tune to signal.	"	A5	Adjust for maximum.
4.	600KC	"	"	A6	Rock tuning gang and adjust for maxi- mum. Repeat steps 2 thru 4 until no further improvement can be made.

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

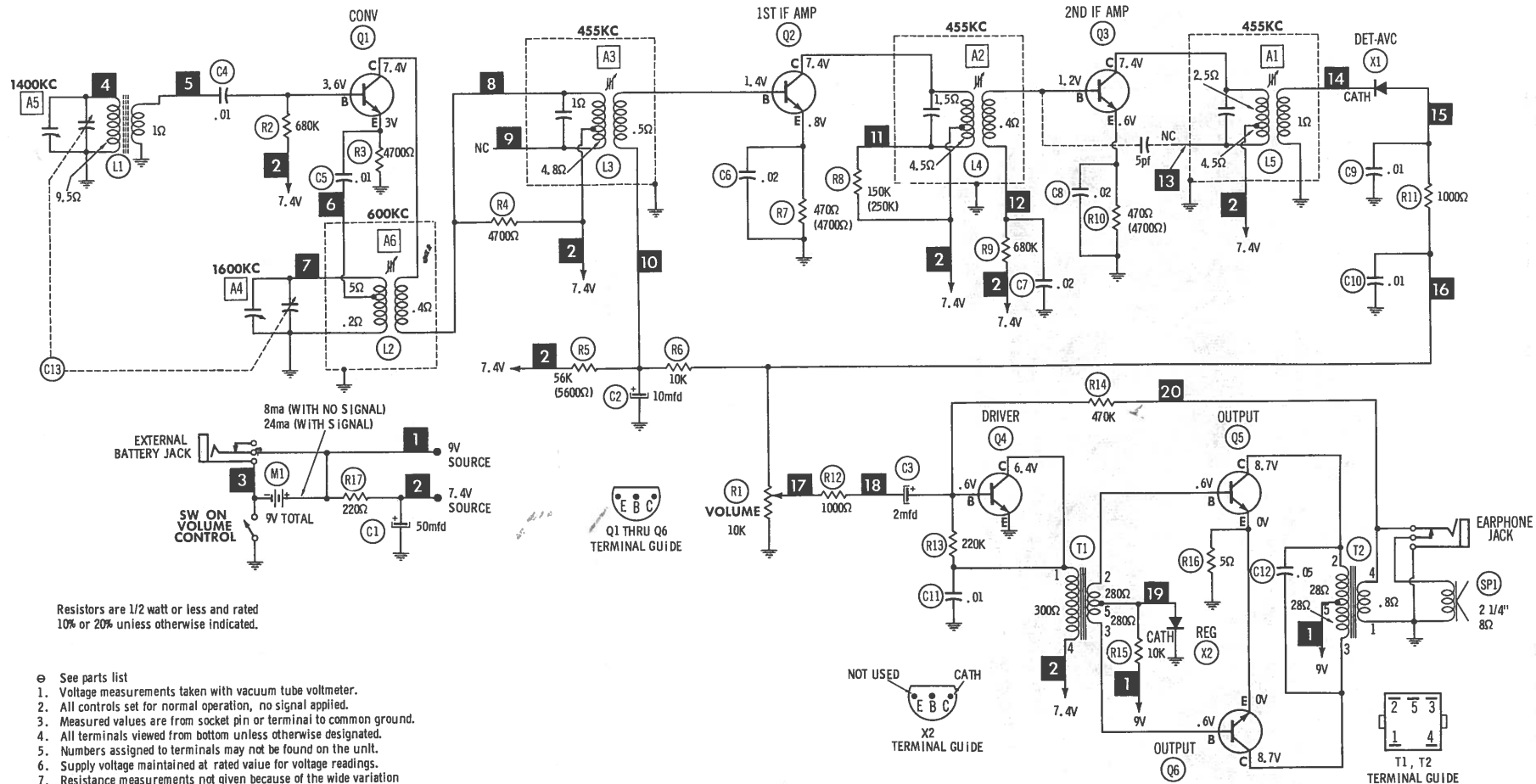
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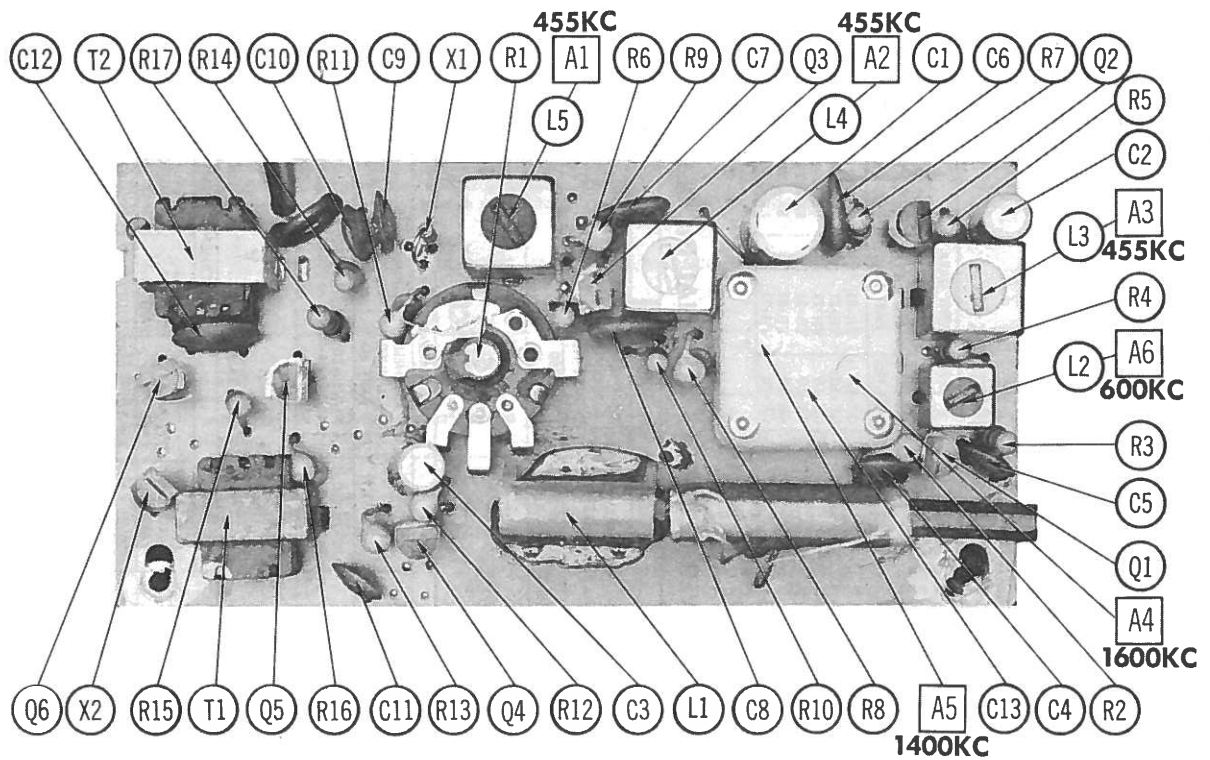
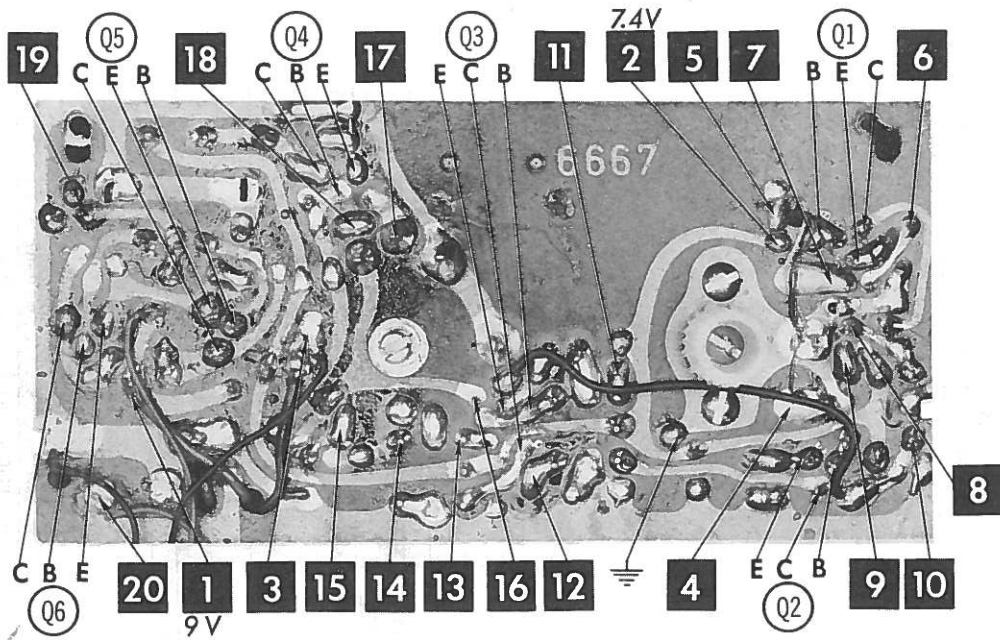
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SET 881 FOLDER 7





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PARTS LIST AND DESCRIPTION

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

WIRING DATA

General-use Unshielded Hook-up Wire	Use BELDEN No. 8530 (Solid) Available in 12 Colors
Power Cord	8524 (Stranded) Available in 12 Colors
Power Cord (Interlock Type)	Use BELDEN No. 17106 (Plastic) or 17126 (Rubber) - 6 Ft.
	17109 (Plastic) or 17129 (Rubber) - 9 Ft.
	Use BELDEN No. 8874 (Rubber) or 8895 (Plastic)

TRANSISTORS

ITEM No.	ORIG. TYPE	USE	REPLACEMENT DATA				TRUE TONE PART No.	NOTES
			DELCO PART No.	GENERAL ELECTRIC PART No.	INTERNATIONAL RECTIFIER PART No.	RCA PART No.		
Q1		Converter	DS-71	GE-10	TR-21	SK-3018	080021	NPN
Q2		1st IF Amp.	DS-72	GE-10	TR-21	SK-3018	080022	NPN
Q3		2nd IF Amp.	DS-72	GE-10	TR-21	SK-3018	080023	NPN
Q4		Driver	DS-66	GE-10	TR-21	SK-3020	080022	NPN
Q5		Output	DS-66	GE-10	TR-21	SK-3020	080023	NPN
Q6		Output	DS-66	GE-10	TR-21	SK-3020	080023	NPN

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.
X1		080024	1N60	1N60			
X2		080025					

ELECTROLYTIC CAPACITORS

ITEM No.	RATING		REPLACEMENT DATA				
	CAP.	VOLT.	TRUE TONE PART No.	AEROVOX PART No.	CORNELL-DUBILIER PART No.	GENERAL ELECTRIC PART No.	MALLORY PART No.
C1	50	10	130103	BCD10050	NLW50-10	MT1-16	PET1575
C2	10	6	130101	BCD6010	NLW10-6	MT1-5	PET1340
C3	2	3	130104	BCD3002	NLW2-50	MT1-1	TT3X2

CAPACITORS

ITEM No.	RATING	REMARKS	REPLACEMENT DATA					
			AEROVOX PART No.	CENTRALAB PART No.	CORNELL-DUBILIER PART No.	ELMENCOR PART No.	MALLORY PART No.	SPRAGUE PART No.
C4	.01		TTD-01	CK-103	HOY101ZV103P	CCD-103	TA110	TG-S10
C5	.01		TTD-01	CK-103	HOY101ZV103P	CCD-103	TA110	TG-S10
C6	.02		TTD-02	CK-203	HOR101ZV203P	CCD-203	TA120	TG-S20
C7	.02		TTD-02	CK-203	HOR101ZV203P	CCD-203	TA120	TG-S20
C8	.02		TTD-02	CK-203	HOR101ZV203P	CCD-203	TA120	TG-S20
C9	.01		TTD-01	CK-103	HOY101ZV103P	CCD-103	TA110	TG-S10
C10	.01		TTD-01	CK-103	HOY101ZV103P	CCD-103	TA110	TG-S10
C11	.01		TTD-01	CK-103	HOY101ZV103P	CCD-103	TA110	TG-S10
C12	.05		TTD-05	CK-503	HOV101ZV503Z	CCD-103	TA150	TG-S50
C13		#11120003						

True Tone Part Number.

CONTROLS

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

ITEM No.	USE	RESISTANCE	REPLACEMENT DATA			
			TRUE TONE PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	CTS-IRC PART No.
R1	Volume & Switch	10K	160002			

COILS (RF-IF)

ITEM No.	USE	REPLACEMENT DATA				
		TRUE TONE PART No.	MEISSNER Part No.	MERIT PART No.	MILLER PART No.	WORKMAN PART No.
L1	Loopstick	11050003			2009	
L2	Osc.	11170001			8813	
L3	1st IF	11090013	16-9026	BC-574	2066	
L4	2nd IF	11090017	16-9027	BC-575	2067	
L5	3rd IF	11090014	16-9028	BC-576	2068	

TRANSFORMER (DRIVER)

ITEM No.	TURNS RATIO			REPLACEMENT DATA					NOTES
				TRUE TONE PART No.	MERIT PART No.	STANCOR PART No.	THORDARSON PART No.	TRIAD PART No.	
	PRI.	SEC. 1	SEC. 2						
T1	2	1CT		11090015					

TRANSFORMER (AUDIO OUTPUT)

ITEM No.	IMPEDANCE		REPLACEMENT DATA					NOTES
			TRUE TONE PART No.	MERIT PART No.	STANCOR PART No.	THORDARSON PART No.	TRIAD PART No.	
	PRI.	SEC.						
T2	125Ω CT	6-8Ω	11090016					

SPEAKER

ITEM No.	TYPE	REPLACEMENT DATA			NOTES
		TRUE TONE PART No.	JENSEN PART No.	QUAM PART No.	
SP1	2 1/4" PM 6-8Ω	11060002		22A06Z8	

BATTERIES

ITEM No.	VOLTAGE	TRUE TONE PART No.	REPLACEMENT DATA			NOTES
			BURGESS	EVEREADY	MALLORY	
M1	9V		2U6 or H146 or 2MN6	216 or E146X	M1604 or TR146X	

MISCELLANEOUS

ITEM No.	PART NAME	TRUE TONE PART No.	NOTES
	AC Adapter	3D7515	