

PHOTOFACT® Folder

with CIRCUITRACE™

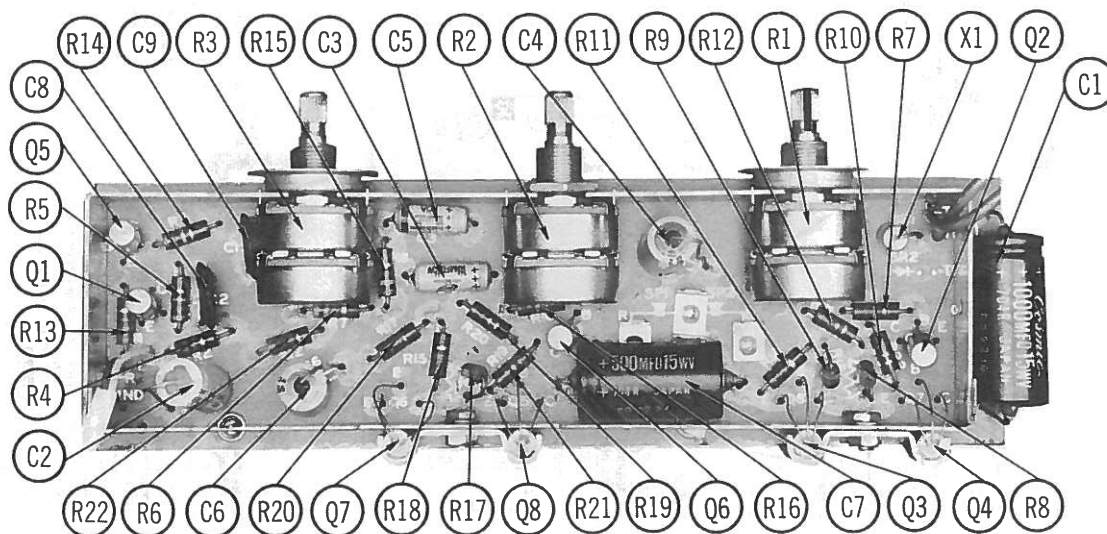
TRUETONE MODELS 4DC5615C,
4DC6631C, 4DC6641C

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TRADE NAME:	Truetone Models 4DC5615C, 4DC6631C, 4DC6641C		
SUPPLIER:	For Current Address, See Annual Index.		
TYPE SET:	8 Transistor Stereo Amplifier W/4 Speed Automatic Record Changer		
POWER SUPPLY:	110-120 Volts AC, 60 Cycles	RATING:	37 Watts, .36 Amp. @ 117 Volts AC (Includes Motor)

FOR SERVICE INFORMATION ON RECORD CHANGER—SEE SIMILAR CHANGER—PHOTOFACT SET 835, FOLDER 4.



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

The listing of any available replacement part herein does not constitute in any case a recommendation, warranty or guaranty by Howard W. Sams & Co., Inc., as to the quality and suitability of such replacement part. The numbers of these parts have been compiled from information furnished to Howard W. Sams & Co., Inc., by the manufacturers of the particular type of replacement part listed. NS967

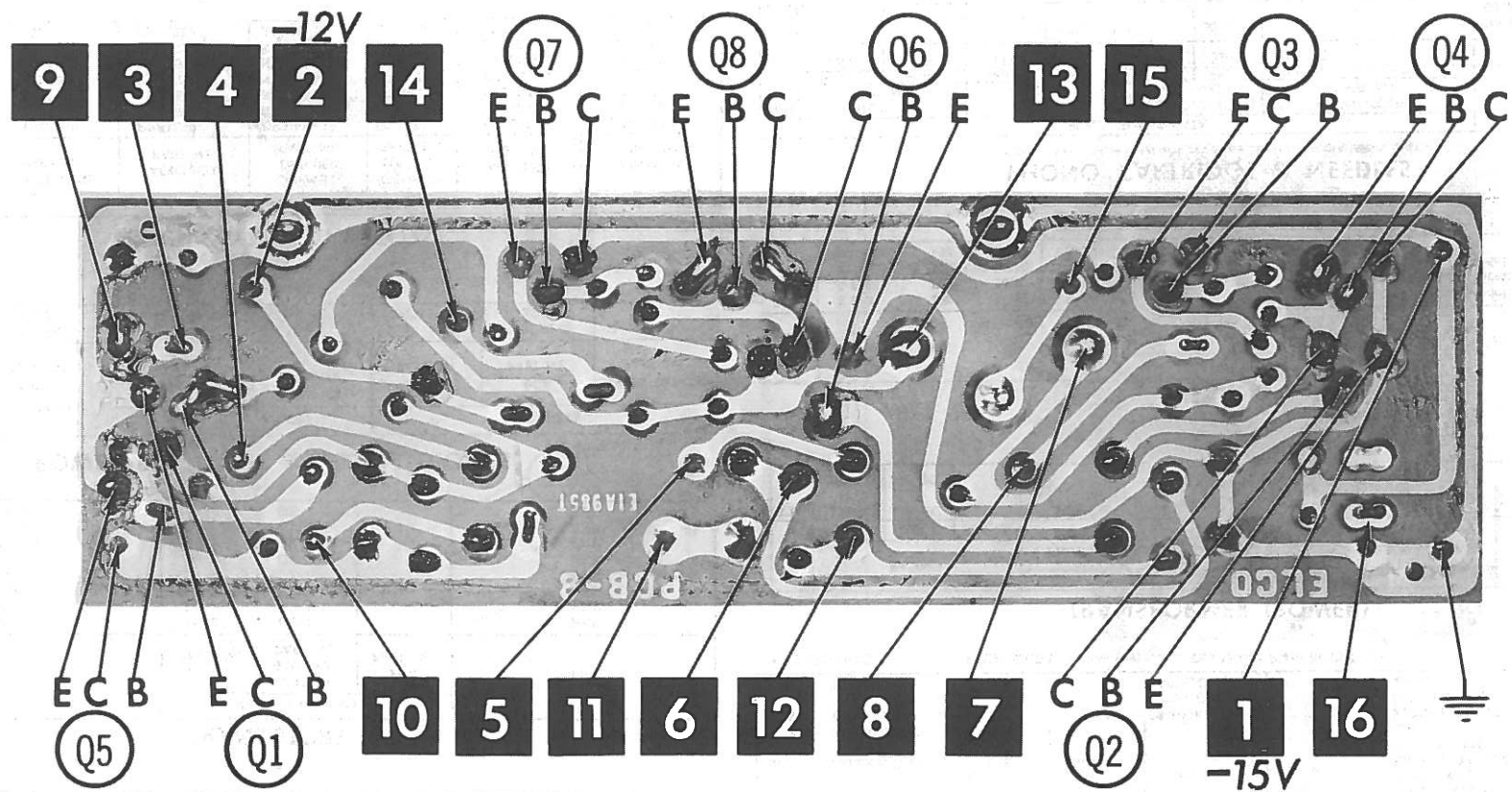
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DATE 12 -66

SET 857 FOLDER 8

TRUETONE MODELS 4DC5615C,
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TRUETONE MODELS 4DC5615C, 4DC6631C, 4DC6641C

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 8524 (Stranded) Available in 12 Colors
Power Cord	Use BELDEN No. 17106 (Plastic) or 17128 (Rubber) - 6 Ft. 17109 (Plastic) or 17129 (Rubber) - 9 Ft.
Power Cord (Inter-lock Type)	Use BELDEN No. 8874 (Rubber) or 8895 (Plastic)
Low-Loss Shielded Lead (Interconnecting)	Use BELDEN No. 8401 or 8421
Phono Pick-up Arm Cable	Use BELDEN No. 8430 (Two Conductor-Unshielded) 8429 (Two Conductor-Shielded) 8419 (Three Conductor-Shielded)

TRANSISTORS

ITEM No.	ORIG. TYPE	USE	REPLACEMENT DATA			NOTES
			DELCO PART No.	GENERAL ELECTRIC PART No.	RCA PART No.	
Q1	2SB54	AF Amp.	DS-26	GE-2		PNP
Q2	2SB56	AF Amp.	DS-26	GE-2		PNP
Q3	2SB364	Output	DS-26	GE-2		PNP
Q4	2SD104	Output		GE-8		NPN
Q5	2SB54	AF Amp.	DS-26	GE-2		PNP
Q6	2SB56	AF Amp.	DS-26	GE-2		PNP
Q7	2SB364	Output	DS-26	GE-2		PNP
Q8	2SD104	Output		GE-8		NPN

POWER RECTIFIERS & SIGNAL DIODES

ITEM No.	MEASURED CURRENT	ORIGINAL Part or Type No.	RECTIFIERS & DIODES		RECTIFIERS		
			GENERAL PART No.	INTERNATIONAL RECTIFIER PART No.	MALLORY PART No.	RCA PART No.	SARKES TARZIAN PART No.
X1	.200A (Max.)	M9204A (18315)	GE-504A or GE-505	8D4 or 5A4-D	A50 or 1N536	SK-3016 or SK-3017	F-4 or 40C

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.	SPRAGUE PART No.
C1	1000	15	15L1000	PRS1230	BR1000-15	QT1-32	TC1501	TVA-1163
C2	100	15	15L100	CRE473A	NLW100-15	MT1-19	TT15X100	TE-1162
C3	10	15	15L10	CRE457A	NLW10-15	MT1-5	TT15X10	TE-1155
C4	100	15	15L100	CRE473A	NLW100-15	MT1-19	TT15X100	TE-1162
C5	10	15	15L10	CRE457A	NLW10-15	MT1-5	TT15X10	TE-1155
C6	100	15	15L100	CRE473A	NLW100-15	MT1-19	TT15X100	TE-1162
C7	500	15	15L500	PRS1220	BR500-15	QT1-30	TC1505	TVA-1162

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.
C8	.01		DI-10000	DD-103	BYX601Z U103M	CCD-103	GP110	10TS-S10
C9	.01		DI-10000	DD-103	BYX601Z U103M	CCD-103	GP110	10TS-S10

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.	MALLORY PART No.
R1A	Volume/Right	10K	V6710	F2-10K, R2-10K, SF104, CPL-2, BA008, CA005		QCB2①, B13-116	
B	Volume/Left	10K				B13-116, TM5, QCM or (BU3, CF61, CR52, SS1, SS7A, DC1)*	
R2A	Balance/Right	25K	B6712			QCB2①, B17-120, B13-120, TM5, QCM	
B	Balance/Left	25K				QCB2①, B13-128, B13-128, TM5, QCM	
R3A	Tone/Right	100K	T6711	F2-100K, R2-100K, SF104, CPL-2, BA008, CA005			
B	Tone/Left	100K					

* "SNAPTROL"

① Use QCB2 bushing instead of Tab Mount Plate in TM5 Kit.

TRANSFORMER (POWER)

ITEM No.	RATING			REPLACEMENT DATA					NOTES
	PRI.	SEC. 1	SEC. 2	TRUE TONE PART No.	MERIT PART No.	STANCOR PART No.	THORDARSON PART No.	TRIAD PART No.	
T1	117V AC @ .36A AC	12V AC @ .2A DC		PT8TR65					

SPEAKER

ITEM No.	TYPE			REPLACEMENT DATA			NOTES
				TRUE TONE PART No.	JENSEN PART No.	QUAM PART No.	
SP1	6 1/2"	PM	16Ω①	S-6645		6A1Z16	① Used in Model: 4DC6641C.
SP2	6 1/2"	PM	16Ω	S-6645		6A1Z16	② Used in Model: 4DC6631C. (2 used)
	4"	PM	16Ω②	S-6631			③ Used in Model: 4DC5615C. (2 used)
	6"	PM	16Ω③	S-5615			

PHONO CARTRIDGE & NEEDLES

*NEEDLE LISTINGS SHOWN ARE FOR RESPECTIVE REPLACEMENT CARTRIDGES ONLY.

ITEM No.	REPLACEMENT DATA								NOTES
	TRUE TONE PART No.		ASTATIC PART No.		ELECTRO-VOICE PART No.		SONOTONE PART No.		
	CARTRIDGE	NEEDLE*	CARTRIDGE	NEEDLE*	CARTRIDGE	NEEDLE*	CARTRIDGE	NEEDLE*	
M1	CN75	CN*	142	N72*	148	2616*	20T2-S		
				N752		3331			Needle replacement for Original Cartridge.

CABINETS & CABINET PARTS

(When Ordering Specify Model, Chassis & Color)

ITEM		PART No.	ITEM		PART No.
Knob(s) Models: 4DC6641C, 4DC5615C		K6641	Knob(s) Model: 4DC6631C		K6731