

PHOTOFACT® Folder

TRUETONE
MODELS 4DC5615B, 4DC6641B

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TRADE NAME:	Truetone Models 4DC5615B, 4DC6641B	
SUPPLIER:	For Current Address, See Annual Index.	
TYPE SET:	4 Transistor Stereo Amplifier W/4 Speed Automatic Record Changer	
POWER SUPPLY:	110-120 Volts AC, 60 Cycles	RATING: 14 Watts, .12 Amp. @ 117 Volts AC (Less Motor)

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

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



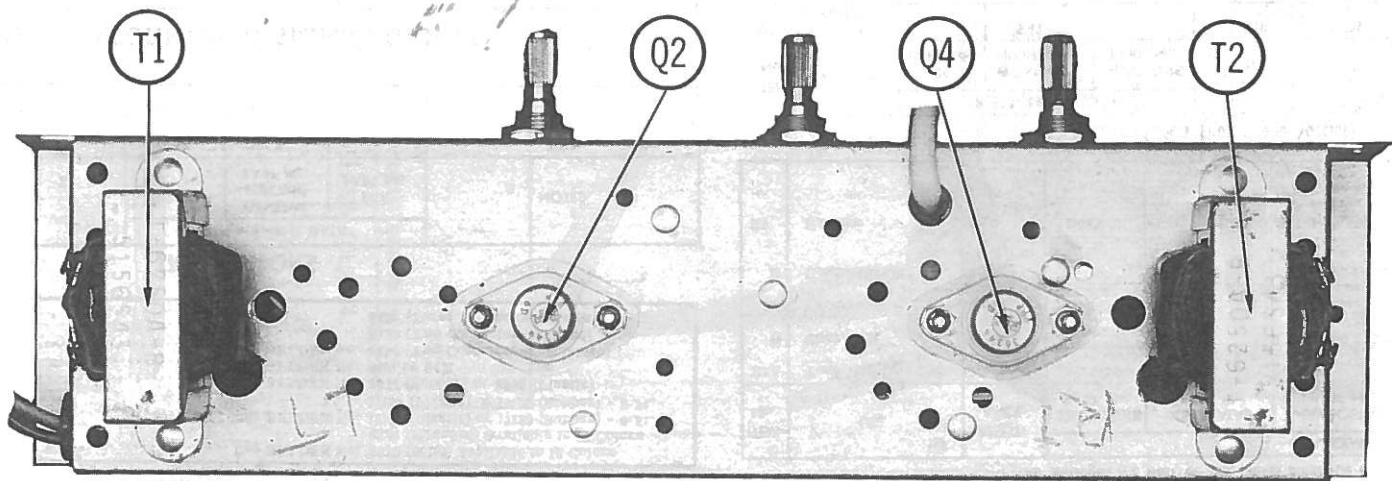
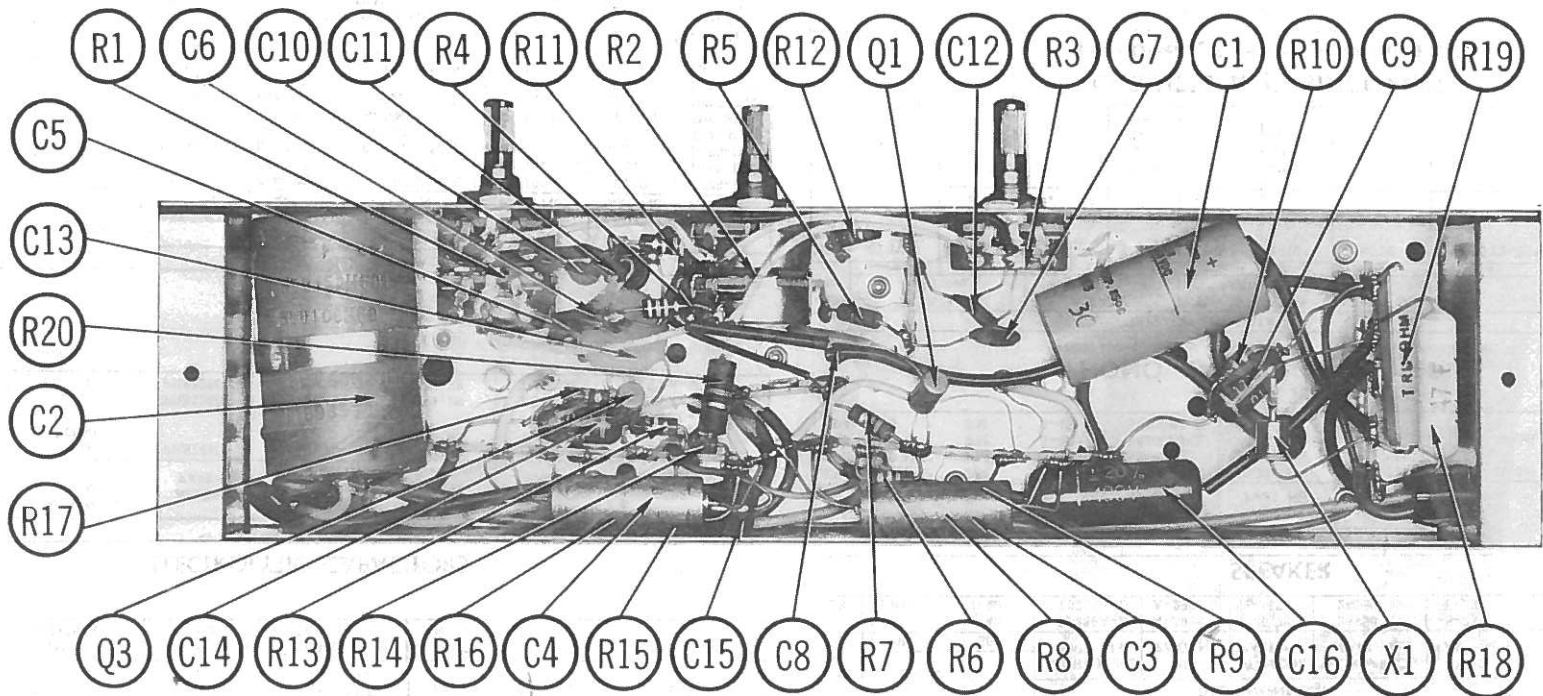
The listing of any available replacement part herein does not constitute in any case a recommendation, warranty or guaranty by Howard W. Sams & Co., Inc., as to the quality and suitability of such replacement part. The numbers of these parts have been compiled from information furnished to Howard W. Sams & Co., Inc., by the manufacturers of the particular type of replacement part listed. NT932

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DATE 12 -66

SET 854 FOLDER 9





TRU-TONE
MODELS 4DC5615B, 4DC6641B

PARTS LIST AND DESCRIPTION

WIRING DATA

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

General-use Unshielded Hook-up Wire	Use BELDEN No. 8530 (Solid) Available in 12 Colors
Power Cord	Use BELDEN No. 8524 (Stranded) Available in 12 Colors
Power Cord (Interlock Type)	Use BELDEN No. 1706 (Plastic) or 17126 (Rubber) - 6 Ft.
Low-Loss Shielded Lead (Interconnecting)	Use BELDEN No. 1709 (Plastic) or 17129 (Rubber) - 9 Ft.
Phono Pick-up Arm Cable	Use BELDEN No. 8874 (Rubber) or 8895 (Plastic)
	Use BELDEN No. 8401 or 8421
	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	40263	AF Amp.	DS-26	GE-2		PNP
Q2	38344	Output				NPN
Q3	40263	AF Amp.	DS-26	GE-2		PNP
Q4	38344	Output				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	.062A	ED3004 (IN1764A)	GE-504A or GE-505	SD500 or 5A4-D	1N2070 or 1N540	SK-3016 or SK-3017	F-4 or 40C

ELECTROLYTIC CAPACITORS

ITEM No.	RATING		REPLACEMENT DATA					
	CAP.	VOLT.	TRUETONE PART No.	AEROVOX PART No.	CORNELL-DUBILIER PART No.	GENERAL ELECTRIC PART No.	MALLORY PART No.	SPRAGUE PART No.
C1	50	150	TD-50-150	PRS1480	BR50-150	QT1-17	TC49	TVA-1414
C2A	150	150	FC8650					
C2B	100	25						
C3	250	16	E25016V	PRS1280	BR250-25	QT1-28	TC50025	TVA-1208
C4	250	16	E25016V	PRS1280	BR250-25	QT1-28	TC50025	TVA-1208

① Not used in some versions.

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.
C5	.001		DI-1000	DD-102	JBS601YP102K	CCD-102	GP210	10TS-D10
C6	.0015		DI-1500	DD-152	JBS601YP102K	CCD-152	GP215	10TS-D15
C7	.005		DI-5000	DD-502	JBT601YP502K	CCD-502	GP250	10TS-D50
C8	.1	100V	TTD-1	DDA-104	HOV101ZV104Z			5GA-P10
C9	.01	400V	DBE681	CPR-10000J	DMF681	6DP-1-103	PVC611	6PS-S10
C10	.001		DI-1000	DD-102	JBS601YP102K	CCD-102	GP210	10TS-D10
C11	.0015		DI-1500	DD-152	JBS601YP102K	CCD-152	GP215	10TS-D15
C12	.005		DI-5000	DD-502	JBT601YP502K	CCD-502	GP250	10TS-D50
C13	.1	100V	TTD-1	DDA-104	HOV101ZV104Z			5GA-P10
C14	.01	400V	DBE681	CPR-10000J	DMF681	6DP-1-103	PVC611	6PS-S10
C15	.047	400V	DBE4847		DMF4847	4DP-3-473	PVC4147	4PS-S47
C16	.1	400V	DBE4P1		DMF4P1	4DP-3-104	PVC601	4PS-P10

CONTROLS

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

ITEM No.	USE	RESISTANCE	REPLACEMENT DATA				
			TRUETONE PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	CTS-IRC PART No.	MALLORY PART No.
R1A	Tone/Right	1meg	DT643	F2-1meg, R2-1meg,SSK100, CPL-2	NP-1meg-Z, NR-1meg-Z, UP-C-400, DC-2	B13-137, B13-137, SK1, QCM or (BU1, CF26, CR21, SS1, SS7A, DC1)*	FA16A, RU16A, CS3500
B	Tone/Left	1meg					
R2A	Loudness/Right	2meg	DV3833	F16-2meg, R16-2meg,SSK100, CPL-2	NPF1-2meg, NR1-2meg, UP-C-400, DC-2	B18-139X, B18-139X, SK1, QCM or (BU1, CF57T, CR37T, SS1, SS7A, DC1)*	FA26T16, RU26T16, CS3500
B	Loudness/Left	2meg					
R3	Balance	1meg	B645	F1-1meg,SSK100	A47-1meg-S, KSS-3 or (NP-1meg-S, UP-C-400)	Q11-137 or (BU1, CF17, SS1, DC1)*	RU16L, SL38, SK1000 or (UA16L, SK1000) or (U54)

* "SNAPTROL"

RESISTORS (Power and Special)

ITEM No.	RATING	REPLACEMENT DATA			ITEM No.	RATING	REPLACEMENT DATA		
		IRC PART No.	WORKMAN PART No.	TRUETONE PART No.			IRC PART No.	WORKMAN PART No.	TRUETONE PART No.
R18	47Ω Fusible		F47		R19	150Ω 7W	PW10-150	10W-SQ-150	E1507WB

TRANSFORMER (AUDIO OUTPUT)

ITEM No.	IMPEDANCE		REPLACEMENT DATA					NOTES
	PRI.	SEC.	TRUETONE PART No.	MERIT PART No.	STANCOR PART No.	THORDARSON PART No.	TRIAD PART No.	
T1	2100Ω	3-4Ω	T6250A-B	A-2928	A-3876	24S50	S-2X	
T2	2100Ω	3-4Ω	T6250A-B	A-2928	A-3876	24S50	S-2X	

SPEAKER

ITEM No.	TYPE			REPLACEMENT DATA			NOTES
				TRUE TONE PART No.	JENSEN PART No.	QUAM PART No.	
SP1	5 1/4"	PM	3-4Ω	13-030①	P525W3	52A1	① Model 4DC5615B
SP2	5 1/4"	PM	3-4Ω	13-030①	P525W3	52A1	
SP3	8"	PM	3-4Ω	S6200BP②			② Model 4DC6641B
SP4	8"	PM	3-4Ω	S6200BP②			

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	ST5V	STV.075* (LP) STV.250* (78)	142	N72*	148	2616*	19T2S	N-19T2-78*	
				N8-7S (LP) N8-3S (78)		3009 (LP) 3002 (78)			Needle replacement for Original Cartridge.

CABINETS & CABINET PARTS

(When Ordering Specify Model, Chassis & Color)

ITEM	PART No.	ITEM	PART No.
Knobs	K5515		