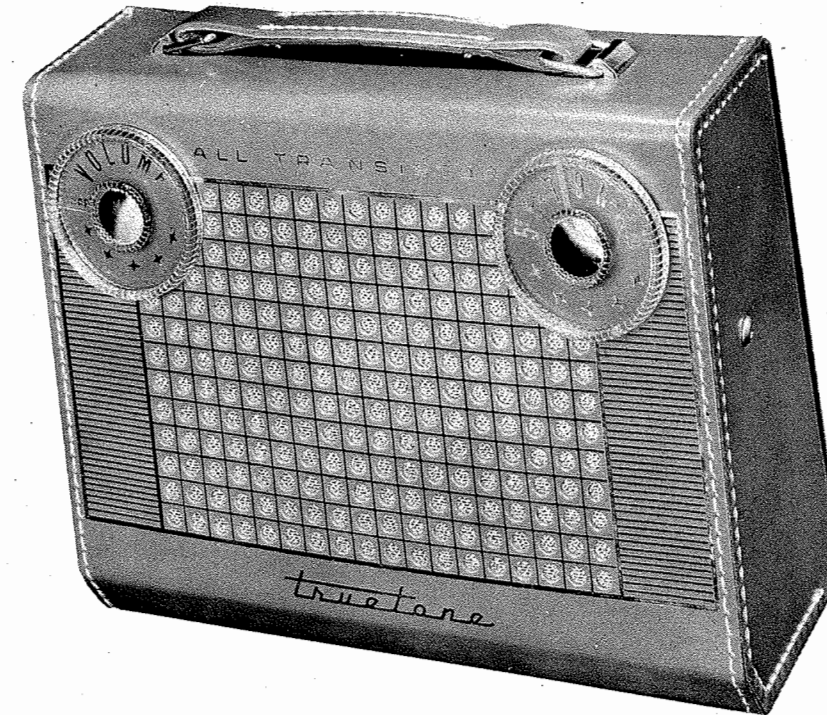


A PHOTOFACT STANDARD NOTATION SCHEMATIC
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TRUETONE
MODEL DC3886A



TRADE NAME	Truetone Model DC-3886A
MANUFACTURER	Western Auto Supply Co., 2107 Grand Ave. Kansas City, Missouri
TYPE SET	Battery Operated Portable AM Transistorized Receiver

POWER SUPPLY 9 Volts DC
TUNING RANGE—BROADCAST 535-1650KC

RATING	7.8MA @ 9 Volts DC (No Signal, Min. Volume)
	9MA @ 9 Volts DC (Signal, Normal Volume)

ALIGNMENT INSTRUCTIONS

ALIGNMENT INSTRUCTIONS—READ CAREFULLY BEFORE ATTEMPTING ALIGNMENT						
Volume control should be at maximum position. Output of signal generator should be no higher than necessary to obtain an output reading. Use an insulated alignment screw-driver for adjusting.						
DUMMY ANTENNA	SIGNAL GENERATOR COUPLING	SIGNAL GENERATOR FREQUENCY	RADIO DIAL SETTING	OUTPUT METER	ADJUST	REMARKS
.1mfd	High side to antenna stator lug of tuning gang. Low side to chassis.	455KC (400% Mod.)	Tuning gang fully open	Across voice coil	A1, A2 A3	Adjust for maximum output.
	Loop	1650KC	"	"	A4	Fashion loop of several turns of wire and radiate signal into loop of receiver. Adjust for maximum output.
	"	540 KC	Tuning gang fully closed	"	A5	"
	"	1400KC	Tune to 1400KC signal	"	A6	"
	"	600KC	Tune to 600KC signal	"	A5	Adjust for maximum output while rocking tuning capacitor thru 600KC signal.

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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 H599

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**TRUETONE
MODEL DC3886A**

SET 420 FOLDER 11

DATE 11-58

SET 420

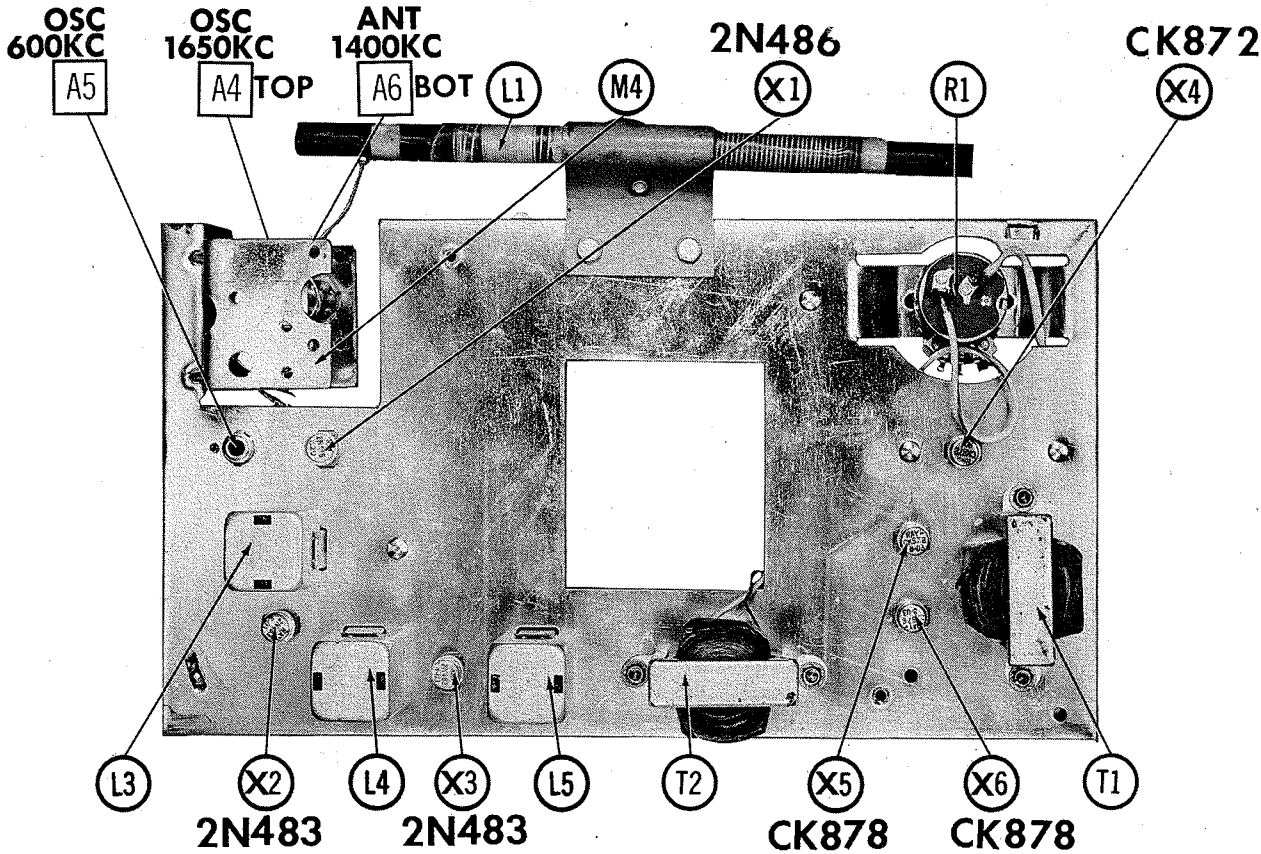
FOLDER 11

PARTS LIST AND DESCRIPTIONS
TRANSISTORS

ITEM No.	ORIG. TYPE	USE	REPLACEMENT DATA					NOTES
			CBS PART No.	RAYTHEON PART No.	SYLVANIA PART No.	2N486	2N483	
X1	2N486	Converter	2N411	2N486	2N409	2N409	2N409	PNP
X2	2N483	1st IF Amplifier	2N409	2N483	2N43A	2N43A	2N43A	PNP
X3	2N483	2nd IF Amplifier	2N409	2N483	2N43A	2N43A	2N43A	PNP
X4	CK872	Driver	2N407	CK872/2N362	2N381	2N381	2N381	PNP
X5	CK878	Output	2N270	CK878/2N360	2N382	2N382	2N382	PNP
X6	CK878	Output	2N270	CK878/2N360	2N382	2N382	2N382	PNP

TRUE TONE
MODEL DC-3886A

CHASSIS—TOP VIEW



PARTS LIST AND DESCRIPTIONS (Continued)

COILS (RF-IF)

ITEM No.	USE	REPLACEMENT DATA					NOTES
		True-tone PART No.	Meissner PART No.	Miller PART No.	Rem PART No.		
L1	Loop Stick	138-138					
L2	Osc. Coil	138-140					
L3	1st IF Trans.	130-131					
L4	2nd IF Trans.	130-132					
L5	3rd IF Trans.	130-133					

TRANSFORMER (DRIVER)

ITEM No.	TURNS RATIO	REPLACEMENT DATA					NOTES
		True-tone PART No.	Hallidorsen PART No.	Merit PART No.	Sencor PART No.	Thordorsen PART No.	
T1	3 1	138-128		TA-60			Drill new mounting hole.

TRANSFORMER (AUDIO OUTPUT)

ITEM No.	IMPEDANCE	PRI. SEC.	REPLACEMENT DATA					NOTES
			True-tone PART No.	Hallidorsen PART No.	Merit PART No.	Rom PART No.	Sencor PART No.	
T2	3072 3-40 CT		138-129				TR-22 1	Drill new mounting hole.

SPEAKER

ITEM No.	TYPE	REPLACEMENT DATA		NOTES
		True-tone PART No.	QUAM PART No.	
SP1	6 1/2" P.M.	3-40	6A21	

BATTERIES

ITEM No.	VOLTAGE	PART No.	REPLACEMENT DATA			NOTES
			BURGESS	EVEREADY	MALLORY	
M1	9V	3B6731 1	1 1	"A"	"B"	Used

CRYSTAL DIODES

ITEM No.	ORIG. TYPE	REPLACEMENT DATA		NOTES
		True-tone PART No.	SYLVANIA PART No.	
M2	IN295	IN80	IN295	Detector (Pigtail)
M3	IN295	IN80	IN295	Overload (Pigtail)

MISCELLANEOUS

ITEM No.	PART NAME	True-tone PART No.	REPLACEMENT DATA		NOTES
			True-tone PART No.	SYLVANIA PART No.	
M4	Tuning Cap. Earphone	180-129 3DW5300			2 Gang (Ant. 23-270nmf, Osc. 23-126nmf)

CABINETS & CABINET PARTS

(When Ordering Cabinets & Cabinet Parts, Specify Model, Chassis & Color)

NAME	PART NO.	DESCRIPTION
Knob	220-152	Tuning, On-Off-Volume
Cabinet	210-147	Bottom Section, Includes Contact Springs
Battery Case	195-197	Top Section
Battery Case	195-196	

WIRING DATA

General-use Unshielded Hook-up Wire			Use BELDEN No. 8530 (Solid) Available in Ten Colors
			8524 (Stranded) Available in Ten Colors