

PARTS LIST AND DESCRIPTIONS (Continued)

TRANSFORMER (DRIVER)

ITEM No.	TURNS RATIO		REPLACEMENT DATA				NOTES
	PRI.	SEC.	CROWN PART No.	Halldorson PART No.	Meritt PART No.	Stencor PART No.	
T1	3	1	TRT-1				

TRANSFORMER (AUDIO OUTPUT)

ITEM No.	IMPEDANCE		REPLACEMENT DATA				NOTES
	PRI.	SEC.	CROWN PART No.	Halldorson PART No.	Meritt PART No.	Stencor PART No.	
T2	500Ω	6-8Ω	TRT-6			TA-23	

SPEAKER

ITEM No.	TYPE		REPLACEMENT DATA		NOTES
	SIZE	FIELD	CROWN PART No.	QUAM PART No.	
SP1	2 1/2"	PM	6-8Ω		

BATTERIES

ITEM No.	VOLTAGE		REPLACEMENT DATA				NOTES
	CROWN PART No.	BURCESS	EVEREADY	MALLORY	"A"	"B"	
M1	9V	"A"	"A"	"B"	226	M1600	

CRYSTAL DIODES

ITEM No.	ORIG. TYPE	REPLACEMENT DATA		NOTES
		CROWN PART No.	RAYTHEON PART No.	
M2	SD-46	IN80	IN80	Detector (Pigtail)

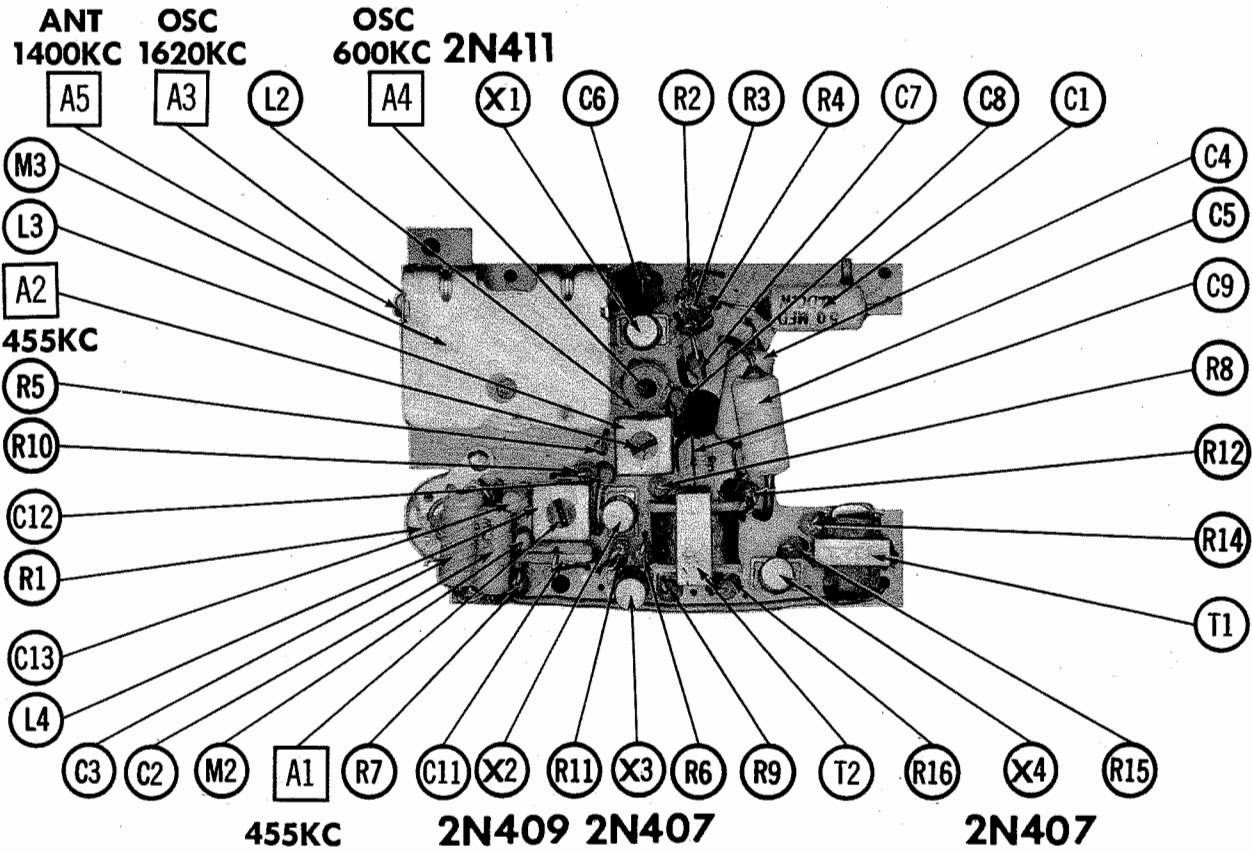
MISCELLANEOUS

ITEM No.	PART NAME	CROWN PART No.	NOTES
M3	Tuning Cap. Printed Board	TR-400	2 Gang

WIRING DATA

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

CHASSIS—TOP VIEW



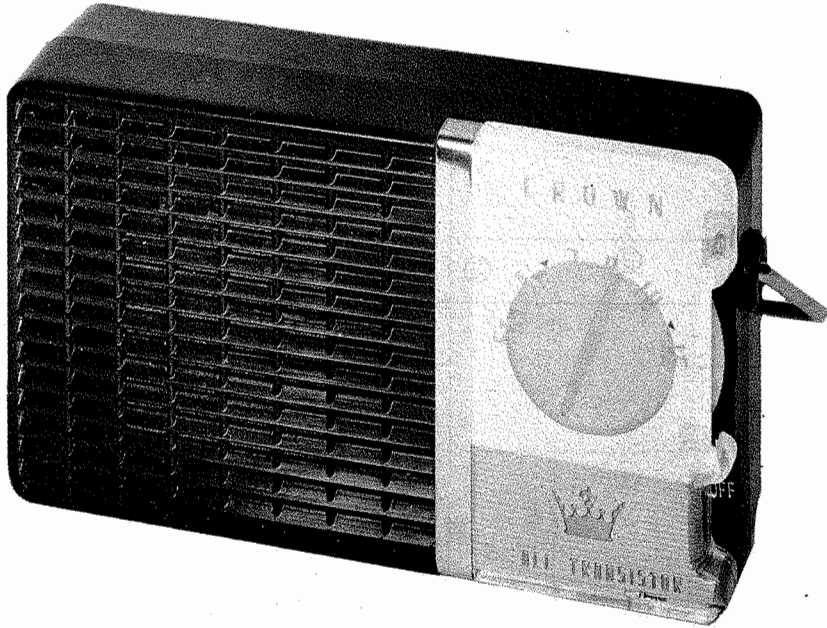
FOLDER 7
SET499

PHOTOFACT® Folder

with CIRCUITRACE®

CROWN
MODEL TR-400

CROWN
MODEL TR-400



CROWN
MODEL TR-400

TRADE NAME Crown Model TR-400
IMPORTER Shiro, Inc., 276 Fourth Ave., New York 10, N. Y.
TYPE SET Battery Operated Transistorized Portable AM Receiver
POWER SUPPLY 9 Volts DC RATING 12 MA@9 Volts DC
TUNING RANGE—BROADCAST 525 — 1620KC

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. Suggested Alignment Tools: A1, A2,.....GENERAL CEMENT #8607, 9291, 9294 WALSCO #2520, 2522, 2523, 2524, 2534, 2537 A3, A5,.....GENERAL CEMENT #5004, 5009, 8195, 8274, 8275, 8607, 8728, 8987, 8988, 8989, 9291 WALSCO #2515, 2520, 2522, 2523, 2532, 2534, 2537, 2538, 2531					
SIGNAL GENERATOR COUPLING	SIGNAL GENERATOR FREQUENCY	RADIO DIAL SETTING	OUTPUT METER	ADJUST	REMARKS
1. Loop	455KC (400v Mod.)	Tuning gang fully open.	Across voice coil.	A1, A2	Fashion loop of several turns of wire and radiate signal into loop of receiver. Adjust for maximum output.
2. "	1620KC	"	"	A3	"
3. "	600KC	600KC	"	A4	"
4. "	1400KC	Tune to 1400KC Signal.	"	A5	Adjust for maximum output while rocking tuning gang.

HOWARD W. SAMS & CO., INC. Indianapolis 6, Indiana

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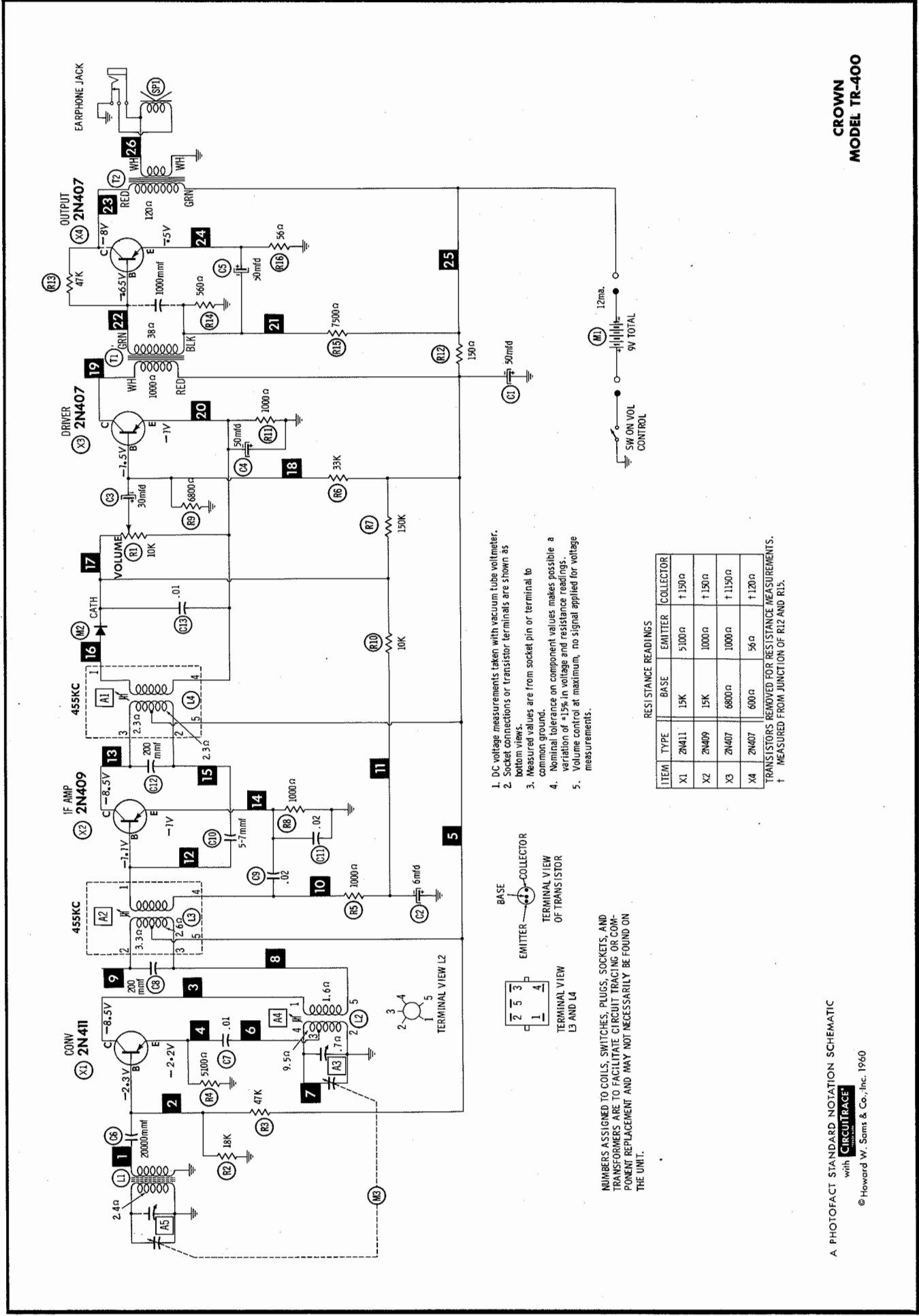
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SET499

FOLDER 7

SET499 FOLDER 7



PARTS LIST AND DESCRIPTIONS

ITEM No.	ORIG. TYPE	USE	REPLACEMENT DATA			NOTES
			CBS PART No.	RCA PART No.	SYLVANIA PART No.	
X1	2N411	Converter IF Amplifier Driver Output				
X2	2N409		2N411	2N408	2N411	PXP
X3	2N407		2N409	2N404	2N409	PXP
X4	2N407		2N407	2N382	2N383	PXP

ELECTROLYTIC CAPACITORS

ITEM No.	RATING CAP.	VOALT.	REPLACEMENT DATA			NOTES
			CROWN PART No.	AEROVOX PART No.	CORNELL-DUBIER PART No.	
C1	50	10		XPP-10050	NLW50-10	TT10X50
C2	6	6		XPP-6006	NLW6-15	TT6X5
C3	30	6		XPP-6030	NLW30-6	TT6X30
C4	50	6		XPP-6050	NLW50-6	TT6X50
C5	50	6		XPP-6050	NLW50-6	TT6X50

FIXED CAPACITORS

Capacity values given in the rating column are in mfd. for Paper Capacitors, and in mmfd. for Mica and Ceramic Capacitors.

ITEM No.	RATING	REMARKS	REPLACEMENT DATA			SPRAGUE PART No.
			AEROVOX PART No.	CENTRALAB PART No.	CORNELL-DUBIER PART No.	
C6	20000		C807203AM	DDM-203	E-0582	TA-120
C7	.01 50V		V94C281	DDM-103	E-0581	TG-S20
C8	200 500V		SI 200	DD-201	L10T2	TG-S10
C9	500 50V		V94C2822	DDM-203	E-0582	GF320
C10	500 50V		V94C2822	DDM-203	E-0582	TG-S20
C11	500 50V		V94C2822	DDM-203	E-0582	TG-S20
C12	200 50V		SI 200	DD-201	L10T2	GF320
C13	.01 50V		V94C281	DDM-103	E-0581	TA-110

CONTROLS

ITEM No.	RATING	REMARKS	REPLACEMENT DATA			INSTALLATION NOTES
			CROWN PART No.	CENTRALAB PART No.	CTS-IRC PART No.	
R1	10K	1/4	B16-216			Volume & Switch

RESISTORS

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

ITEM No.	RATING	REMARKS	ITEM No.	RATING	REMARKS
R2	18K		R7	150K	
R3	47K		R8	1000 Ω	
R4	5100 Ω		R9	6800 Ω	
R5	1000 Ω		R10	10K	
R6	33K		R11	1000 Ω	

COILS (RF-IF)

ITEM No.	USE	REPLACEMENT DATA			NOTES
		CROWN PART No.	Gramer PART No.	Meissner PART No.	
L1	Loopstick				
L2	Osc. Coil				
L3	1st IF Trans.				
L4	2nd IF Trans.				

PRINTED BOARD

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