

PARTS LIST AND DESCRIPTIONS (Continued)

COILS (RF-IF)

ITEM No.	USE	TRAV-LER PART No.	Miller PART No.	Stancor PART No.	Workman TV PART No.	NOTES
L1	Loopstick Osc.	AM150-B				
L2	1st IF	AO14-Z				
L3	2nd IF	TI-81				
L4	3rd IF	TI-82				
L5		TI-83				

TRANSFORMER (DRIVER)

ITEM No.	TURNS RATIO		TRAV-LER PART No.	Miller PART No.	Stancor PART No.	Triad PART No.	NOTES
	PRI.	SEC.					
T1	1	1	TTP-2A				

TRANSFORMER (AUDIO OUTPUT)

ITEM No.	IMPEDANCE		TRAV-LER PART No.	Miller PART No.	Stancor PART No.	Triad PART No.	NOTES
	PRI.	SEC.					
T2	800Ω CT	10-12Ω	TT-202				

SPEAKER

ITEM No.	TYPE		TRAV-LER PART No.	QUAM PART No.	NOTES
	SIZE	FIELD V. C. IMP.			
SP1	2"	PM 10-12Ω	P-220S		

BATTERIES

ITEM No.	VOLTAGE	TRAV-LER PART No.	REPLACEMENT DATA		NOTES
			BURGESS	EVEREADY	
M1	9V		"A" 2U8	"B" 218	

SIGNAL DIODES

ITEM No.	ORIG. TYPE	REPLACEMENT DATA			NOTES
		TRAV-LER PART No.	GENERAL ELECTRIC PART No.	RAYTHEON PART No.	
M2	OA71 *	OA71		1N60	Detector (Digital) * Alternate Type OA70

MISCELLANEOUS

ITEM No.	PART NAME	TRAV-LER PART No.	NOTES
M3	Tuning Cap.	PVC-2X	2 Gang

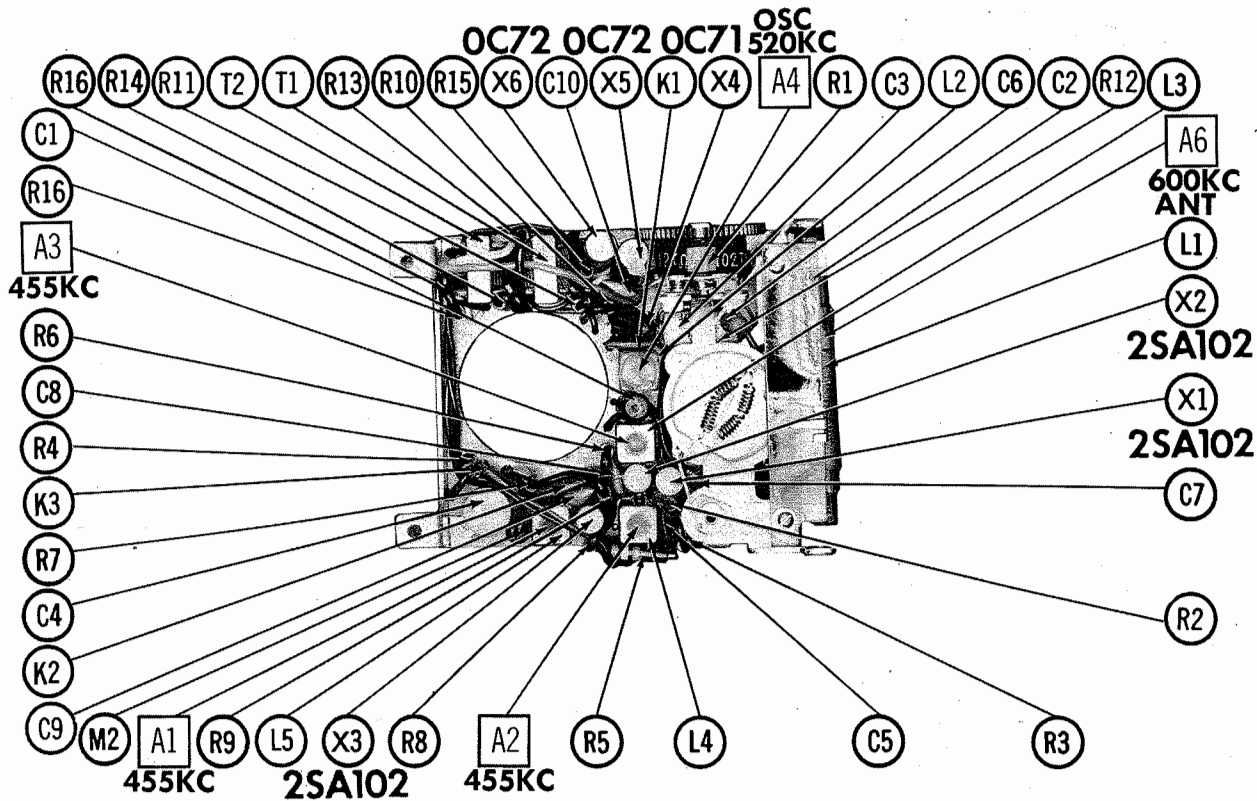
CABINETS & CABINET PARTS
(When Ordering Cabinets & Cabinet Parts, Specify Model, Chassis & Color)

NAME	PART NO.	DESCRIPTION
Knob Knob Cabinet	T-19 Knob T T-19 Knob V T-19CAB	Tuning Volume Includes Dial and Rear Panel

WIRING DATA

General-use Unshielded Hook-up Wire Use BELDEN No. 8520 (Solid) Available in Ten Colors 8524 (Stranded) Available in Ten Colors	
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CHASSIS—TOP VIEW



FOLDER 18
SET 562

PHOTOFACT® Folder

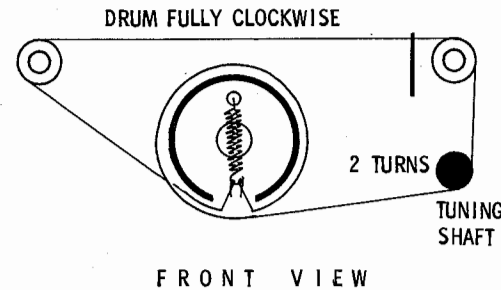
with CIRCUITRACE®



TRAV-LER MODELS
TR-610B, C, G



DIAL CORD STRINGING



TRADE NAME	Trav-Ler Models TR-610B, TR-610C, TR-610G
MANUFACTURER	Trav-Ler Radio Corp., 571 W. Jackson Blvd., Chicago 6, Illinois
TYPE SET	Battery Operated Transistorized Portable AM Receiver
POWER SUPPLY	9 Volts DC
TUNING RANGE—BROADCAST	540 — 1600KC
RATING	5MA@9 Volts DC (No Signal, Min. Volume) 10MA@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.
Suggested Alignment Tools:
A1 thru A4.....GENERAL CEMENT #9440
A5, A7.....GENERAL CEMENT #5000, 5003, 5066, 8276, 8290, 9087, 9089
WALSCO #2512, 2525, 2528

	SIGNAL GENERATOR COUPLING	SIGNAL GENERATOR FREQUENCY	RADIO DIAL SETTING	OUTPUT METER	ADJUST	REMARKS
1.	Fashion loop of several turns of wire and radiate signal into loop of receiver.	455KC (400% Mod.)	Tuning gang fully open.	Across voice coil.	A1, A2, A3	Adjust for maximum output.
2.	"	520KC	Tuning gang fully closed.	"	A4	"
3.	"	1680KC	Tuning gang fully open.	"	A5	Adjust for maximum output. Repeat steps 2 and 3.
4.	"	600KC	600KC Signal.	"	A6	Adjust for maximum output by moving antenna coil turns along ferrite core.
5.	"	1500KC	1500KC Signal.	"	A7	Adjust for maximum output. Repeat steps 4 and 5.

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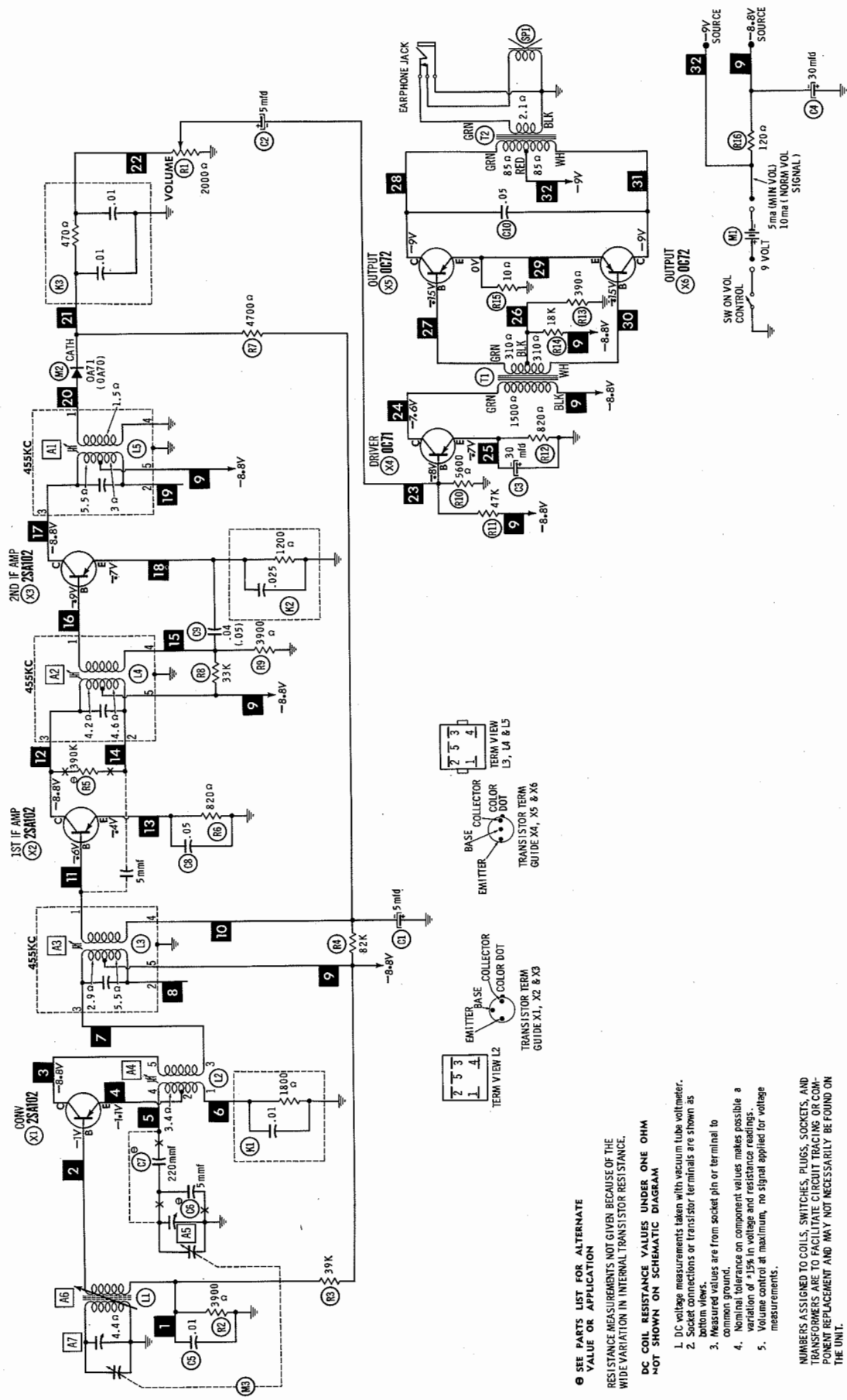


The listing of any available replacement part herein does not constitute in any case a recommendation, warranty or guaranty by Howard W. Sams & Co., Inc., as to the quality and suitability of such replacement part. The numbers of these parts have been compiled from information furnished to Howard W. Sams & Co., Inc., by the manufacturers of KF986

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TRAV-LER MODELS
TR-610B, C, G

SET 562 FOLDER 18



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TRAV-LER MODELS
TR-610B, C, G

PARTS LIST AND DESCRIPTIONS

ITEM No.	ORIG. TYPE	USE	REPLACEMENT DATA		NOTES
			RCA PART No.	RAYTHEON PART No.	
X1	2SA102	Converter	2N1527		PNP
X2	2SA102	1st IF Amplifier	2N1525		PNP
X3	2SA102	2nd IF Amplifier	2N1525		PNP
X4	OC71	Driver	2N406		PNP
X5	OC72	Output	2N408		PNP
X6	OC72	Output	2N408		PNP

ELECTROLYTIC CAPACITORS

ITEM No.	RATING CAP.	VOLT.	TRAV-LER PART No.	REPLACEMENT DATA		SPRAGUE PART No.
				AEROVOX PART No.	GENERAL ELECTRIC PART No.	
C1	5	3	NPA-3V5		MTI-3	TE-1052.2
C2	5	3	NPA-3V5		MTI-3	TE-1052.2
C3	30	3	NCT-3V30		MTI-13	TE-1092
C4	30	10	NPA-10V30		MTI-13	TE-1132

FIXED CAPACITORS

ITEM No.	RATING	REMARKS	REPLACEMENT DATA		SPRAGUE PART No.
			AEROVOX PART No.	CORNELL-DUBILIER PART No.	
C5	.01	Note 1	C80V103AM	H-05S1	TG-S10
C6	5	Note 1	NPO-SI 5.0	C10V5C	CNO-547
C7	220	Note 1	DG-220	L10T22	B-322
C8	.05	(.05) †	C80V503AM	H-05S5	TG-S50
C9	.04				
C10	.05				

Note 1. Not used in some versions.
† Alternate Value.

CONTROLS

ITEM No.	RATING RESIST-ANCE	WATTS	I/4	REPLACEMENT DATA		INSTALLATION NOTES
				TRAV-LER PART No.	CLAROSTAT PART No.	
R1	20000	1/4		SNTA-16		Volume & Switch

RESISTORS

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

ITEM No.	RATING	REMARKS	REPLACEMENT DATA		REMARKS
			IRC PART No.	WORKMAN TV PART No.	
R2	39000				
R3	39K				
R4	82K				
R5	390K				
R6	8200				
R7	47000				
R8	33K				
R9	39000				

Note 1. Not used in some versions.

COMPONENT COMBINATIONS

ITEM No.	USE	DESCRIPTION	TRAV-LER PART No.	REPLACEMENT DATA
X1	Osc. Bias	.01mfd, 18000	CR-21MI.8K0J	
X2	2nd IF Feedback Bias	.025mfd, 12000	CR-22P1.2K0J	
X3	Diode RF Filter	.01mfd, .01mfd, 4700	CR-31P4700M	

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