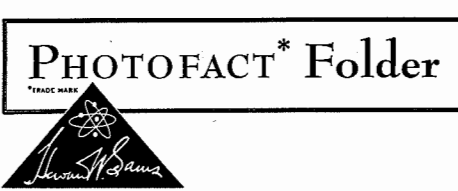
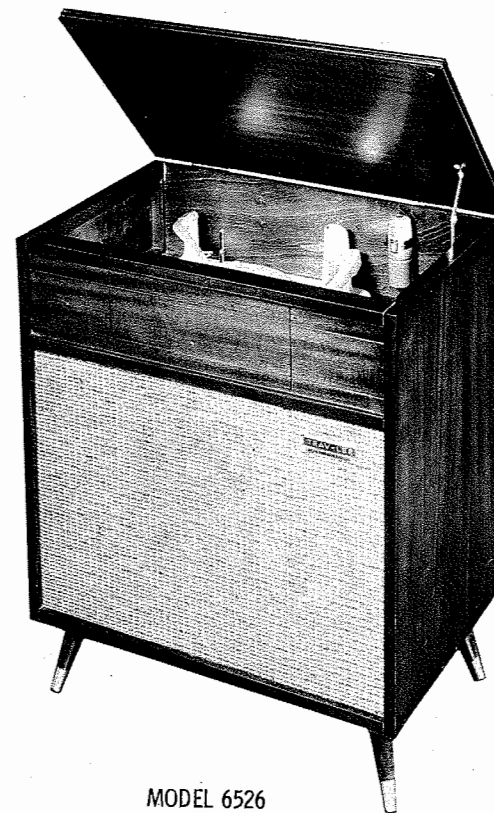


FOLDER 16
SET 438



TRAV-LER MODELS 6520, 6521, 6524, 6525, 6526

TRAV-LER MODELS 6520, 6521, 6524, 6525, 6526



MODEL 6526

TRADE NAME	Trav-Ler Models 6520, 6521, 6524, 6525, 6526		
MANUFACTURER	Trav-Ler Radio & Tel. Corp., 571 W. Jackson Blvd., Chicago, Illinois		
TYPE SET	AC Operated AM Receiver With 4 Speed Automatic Record Changer		
TUBES (Five)	Types 12BE6 Converter, 12BA6 IF Amplifier, 12AV6 Det. -AVC-AMF Amp., 50C5 Output, 35W4 Rectifier		
POWER SUPPLY	110-125 Volts AC - 60 Cycles	RATING	.25 Amp. @ 117 Volts AC (24 Watts Less Motor)
TUNING RANGE—BROADCAST	540 - 1610KC		

FOR SERVICE INFORMATION ON RECORD CHANGER - SEE SIMILAR MONARCH UA8 - PHOTOFACT SET 381 FOLDER 11.

ALIGNMENT INSTRUCTIONS

ALIGNMENT INSTRUCTIONS—READ CAREFULLY BEFORE ATTEMPTING ALIGNMENT

Use isolation transformer, if available. If not, connect a .1mfd capacitor in series with low side of signal generator and B-. Volume control should be at maximum position. Output of signal generator should be no higher than necessary to obtain an output reading.

DUMMY ANTENNA	SIGNAL GENERATOR COUPLING	SIGNAL GENERATOR FREQUENCY	RADIO DIAL SETTING	OUTPUT METER	ADJUST	REMARKS
1. .1mfd	High side to antenna stator lug of tuning gang. Low side to B-	455KC (400v Mod.)	Tuning gang fully open	Across voice coil	A1, A2, A3, A4	Adjust for maximum output. If isolation transformer is not used, reduce dummy antenna to .001mfd to reduce hum modulation.
2. "	"	1610KC	"	"	A5	"
3. "	"	600KC	600KC	"	A6	If isolation transformer is not used, reduce dummy antenna to .001mfd to reduce hum modulation. Adjust for maximum output while rocking tuning gang. Repeat steps 2 & 3.
4. Loop	"	1400KC	Tune to 1400KC signal	"	A7	Fashion loop of several turns of wire and radiate signal into loop of receiver. Adjust for maximum output.

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

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 H722

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TRAV-LER MODELS 6520, 6521, 6524, 6525, 6526

SET 438 FOLDER 16

PARTS LIST AND DESCRIPTIONS
TUBES (GENERAL ELECTRIC, SYLVANIA)

ITEM No.	USE	TYPE	NOTES
V1	Converter	12BE6	
V2	IF Amplifier	12BA6	
V3	Det.-AVC-AF Amp.	12AV6	

ELECTROLYTIC CAPACITORS

ITEM No.	RATING		TRAV-LER PART No.	REPLACEMENT DATA		NOTES
	CAP.	VOLT.		CORNELL-DUBILER PART No.	MALLORY PART No.	
C1A	70	150	EC-48	PR8150V8040	EBRD8415	
C2	40	150	EC-11	PR8150V10	EBR10-90	
C2	10	70			TC42	

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		TRAV-LER PART No.	REPLACEMENT DATA		NOTES
	CAP.	VOLT.		AEROVOX PART No.	CORNELL-DUBILER PART No.	
C3	220	10%	OC-44	1469-000068	D6-221	
C4	68	10%	PC-2	P488N-047	DD-680	
C5	.047	400	PC-5	P488N-05	DF-503	
C6	.05	400	CC-37	NT50-D1 100	DTN-100	
C7	1000	10%	CC-5	P288N-01	D6-103	
C8	100	10%	PC-1	SI 100	D6-101	
C9	.01	200	CC-35	P488N-05	DF-503	
C10	4700	10%	CC-5	P488N-01	D6-106	
C11	100	400	CC-37	P488N-05	DF-503	
C12	1000	400	PC-2	P488N-01	D6-106	
C13	.05	400	PC-7	P488N-05	DF-503	
C14	3000	400	PC-19	P488N-01	D6-106	
C15	.01	50	PC-19	P488N-05	DF-503	
C16	2.0	50	PC-21	P488N-01	D6-106	
C17	.05	400	PC-21	P488N-05	DF-503	
C18	.1	400	PC-8	P488N-01	D6-106	

① Some versions may use 47mmfd in this application (Part #CC-12).

② Some versions may use 3300mmfd in this application (Part #CC-38).

CONTROLS

ITEM No.	RATING		TRAV-LER PART No.	REPLACEMENT DATA		INSTALLATION NOTES
	RESISTANCE	WATTS		CLEARSTAT PART No.	MALLORY PART No.	
R1A	1meg	1/2	VC-2	B-70	Q13-137	Volume
R2A	1meg	1/2	VC-67	Not Req.	Q13-137	Tone
R3	1meg	1/2	VC-67	Not Req.	Q13-137	
R4	1meg	1/2	VC-67	Not Req.	Q13-137	
R5	1meg	1/2	VC-67	Not Req.	Q13-137	
R6	1meg	1/2	VC-67	Not Req.	Q13-137	
R7	1meg	1/2	VC-67	Not Req.	Q13-137	
R8	1meg	1/2	VC-67	Not Req.	Q13-137	
R9	1meg	1/2	VC-67	Not Req.	Q13-137	
R10	1meg	1/2	VC-67	Not Req.	Q13-137	
R11	1meg	1/2	VC-67	Not Req.	Q13-137	

* Use KR with CHL "Red Label" controls and KB with "Blue Label" controls.

RESISTORS

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

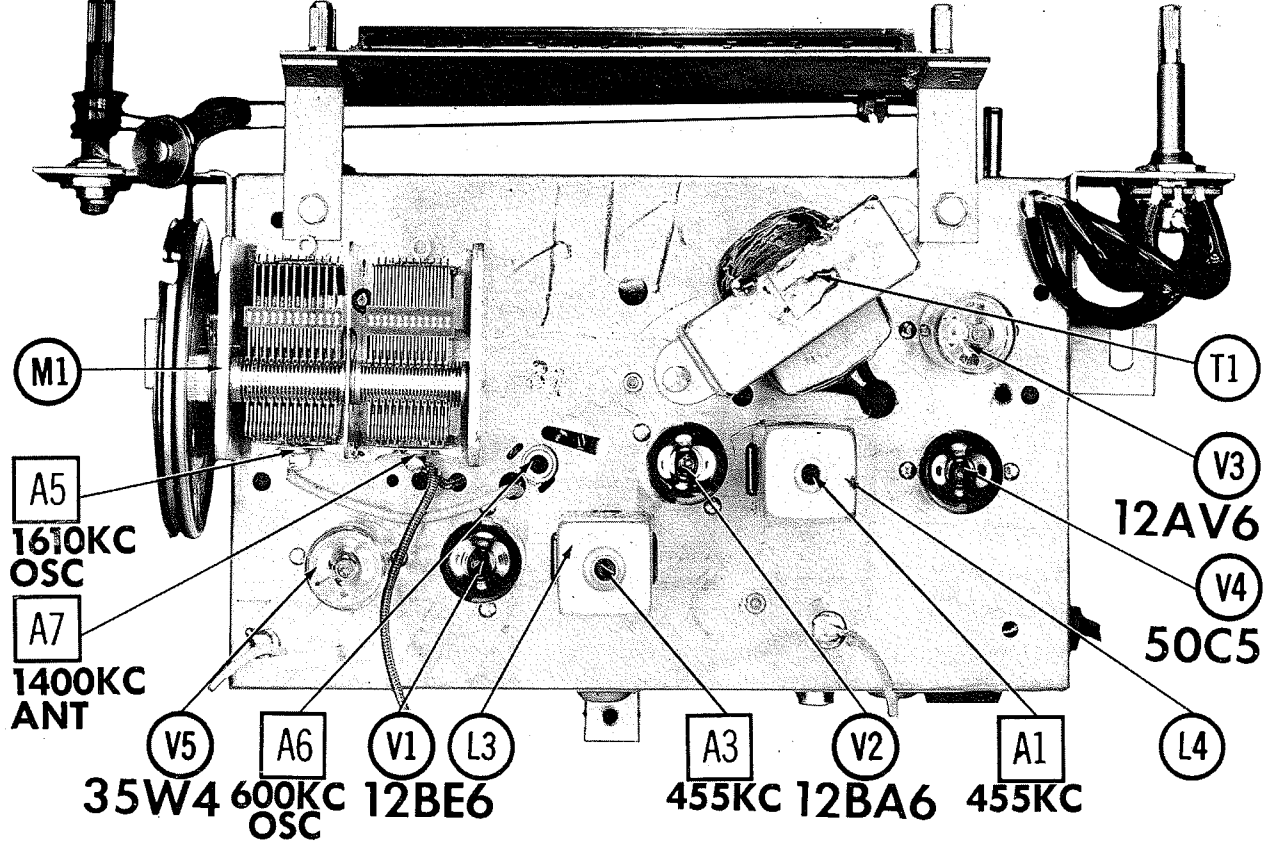
ITEM No.	RATING		TRAV-LER PART No.	REPLACEMENT DATA		NOTES
	OHMS	WATT		OHMS	WATT	
R12	100K		IR-12	100K		
R13	100K		IR-4	100K		
R14	56K		IR-45	56K		
R15	470K		IR-155	470K		
R16	220K		IR-23	220K		
R17	3.3meg		IR-23	3.3meg		
R18	330K		IR-12	330K		
R19	100K		IR-12	100K		
R20	2.7meg		IR-12	2.7meg		

① Not used when R8 is 600K (Part #IR-127).

② Some versions use 2.2meg in this application (Part #IR-13).

③ Not used when R12 is 220K (Part #IR-20).

CHASSIS—TOP VIEW



PARTS LIST AND DESCRIPTIONS (Continued)

COILS (RF-IF)

ITEM No.	USE	REPLACEMENT DATA		Trav-Ler PART No.	Meissner PART No.	Miller PART No.	Rem PART No.	NOTES
		Trav-Ler PART No.	Meissner PART No.					
L1	Loop Shckt	LI-51	14-1077	BC-393*	68-OSC*			
L2	Osc. Coil	LO-27	16-6758	BC-352	12-C1	RF-1		
L3	Input IF	LI-19	16-6758	BC-353	12-C2	RF-2		
L4	Output IF	LI-19	16-6758	BC-353	12-C2	RF-2		

* Disregard capacity winding.

TRANSFORMER (AUDIO OUTPUT)

ITEM No.	IMPEDANCE	REPLACEMENT DATA		Trav-Ler PART No.	Haldorsen PART No.	Merit PART No.	Ram PART No.	Sancor PART No.	Thorndoren PART No.	NOTES
		Trav-Ler PART No.	Haldorsen PART No.							
T1	35000 1-23 Tap @ 2000 (6%)	AT-27								

SPEAKER

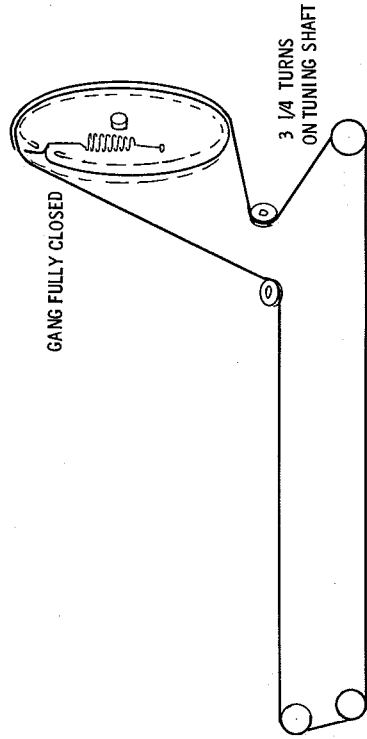
ITEM No.	TYPE	REPLACEMENT DATA		Trav-Ler PART No.	QUAM PART No.	NOTES
		FIELD	V. C. IMP.			
SP1	8"	PM	3-40	SPK-27①	6A1	① Parallel And Phase
SP2	8"	PM	3-40	SPK-27①	6A1	
SP3	3"	PM	3-40	SPK-28	3A07	

MISCELLANEOUS

ITEM No.	PART NAME	Trav-Ler PART No.	NOTES
M1	Tuning Cap.	GC-24	2 Gang, Ant. 18-384mmf, Osc. 18-166mmf
M2	Switch	SW-1	Radio-Phono, Rotary, Wafer Type

WIRING DATA

General-use Unshielded Hook-up Wire	Use BELDEN No. 8630 (Solid) Available in Ten Colors 8624 (Stranded) Available in Ten Colors
Power Cord	Use BELDEN No. 1785-B (6 Ft. Length) 1725-K (7 1/2 Ft. Length)
Low-Loss Shielded Lead (Interconnecting)	Use BELDEN No. 8401
Phono Pick-up Arm Cable	Use BELDEN No. 8430 (Two Conductor - Twisted)



DIAL CORD STRINGING

TRAV-LER MODELS 6520, 6521, 6524, 6525, 6526