

HISTORY PARTS LIST

ABBREVIATIONS:

cer	ceramic
comp	composition
emc	electrolytic, metal cased
gmV	guaranteed minimum value
h	henry
k	kilohms (10^3 ohm)
ma	milliamps (10^{-3} amps)
meg	megohms (10^6 ohm)
mh	millihenry (10^{-3} henry)
mpt	metalized, paper tubular
mt	mylar, tubular
mv	millivolts (10^{-3} amps)
μ f	microfarad (10^{-6} farad)
μ h	microhenry (10^{-6} henry)
μ sec	microsecond (10^{-6} second)
nsec	nano second ($m\mu$ or 10^{-9} second)
Ω	ohm
pbt	paper, "bathtub"
pcc	paper covered can
pf	picofarad ($\mu\mu$ f or 10^{-12} farad)
piv	peak inverse voltage
pmc	paper, metal cased
poly	polystyrene
prec	precision
pt	paper tubular
ptm	paper, tubular molded
tub	tubular
v	working volts, dc
var	variable
w	watt
WW	wire wound

SPECIAL NOTES AND SYMBOLS:

±	approximate serial number
X000	part first added at this serial number
000X	part removed after this serial number
*000-000	asterisk preceding Tektronix part number indicates manufactured by or for Tektronix, also Tektronix reworked or checked components
mod w/	modify with _____. Simple replacement is not recommended. Replace with part listed for later instruments and also modify the circuit symbol numbers listed after mod w/.

124



Publication:
061-423
January 1962

For all serial numbers.

TEKTRONIX, INC.
P.O. Box 500
Beaverton, Oregon



Copyright 1962 by Tektronix, Inc., P. O. Box 500,
Beaverton, Oregon. Printed in the United States of
America. All rights reserved. Contents of this pub-
lication may not be reproduced without permission
of the copyright owner.

124 ELECTRICAL PARTS

BULBS

B400 150-001 Incandescent, #47

CAPACITORS

C201	285-515	.022 μ f	PT	400V	
C205	281-518	47 pf	Cer.	500V	
C210	285-510	.01 μ f	PT	400V	
C211	285-510	.01 μ f	PT	400V	
C215	285-510	.01 μ f	PT	400V	
C218	281-500	2.2 pf	Cer.	500V	\pm .5 pf
C219	285-510	.01 μ f	PT	400V	
C225	285-510	22 pf	Cer.	500V	
C230	295-016	.01 μ f	PT	400V	-10%-5%
C231	285-519	.047 μ f	PT	400V	
C236	285-510	.01 μ f	PT	400V	
C245	285-510	22 pf	Cer.	500V	
C401	290-036	2x20 μ f	EMC	450V	-10%+50%
C402	290-036	2x20 μ f	EMC	450V	-10%+50%
C416	285-515	.022 μ f	PT	400V	
C417	285-515	.022 μ f	PT	400V	
C420	290-037	2x20 μ f	EMC	450V	-10%+50%
C431	285-515	.022 μ f	PT	400V	
C600	281-504	10 pf	Cer.	500V	10%
C605	281-501	4.7 pf	Cer.	500V	\pm 1 pf
C610	281-501	4.7 pf	Cer.	500V	\pm 1 pf
C611	283-505	100 pf	Mica	500V	10%
C612	283-522	470 pf	Mica	500V	10%
C613	281-518	47 pf	Mica	500V	10%
C614	283-522	470 pf	Mica	500V	10%
C615	281-511	22 pf	Cer.	500V	10%
C617	283-002	.01 μ f	Cer.	500V	
C620	281-525	470 pf	Cer.	500V	
C629	285-526	.1 μ f	PT	400V	
C640	290-037	1/2 2x20 μ f	EMC	450V	-10%+50%
C641			EMC	450V	-10%+50%

DIODES

D600 152-008 T12G

FUSES

159-005	3 amp 3 AG Slo-Blo	117V operation
159-003	1.6 amp 3 AG Slo-Blo	234V operation

INDUCTORS

L601	114-011	2.6-4.2 μ h	Var.
L602	114-001	11-19 μ h	Var.
L603	114-008	220-330 μ h	Var.
L604	114-015	32-56 μ h	Var.
L616	108-017	4.9 μ h	
L620	108-066	22 μ h	
L629	108-017	4.9 μ h	

RESISTORS

R201	302-470	47 Ω	1/2 w.		
R202	302-155	1.5 meg	1/2 w.		
R203	302-152	1.5 k	1/2 w.		
R204	302-331	330 k	1/2 w.		
R205	302-122	1.2 k	1/2 w.		
R210	302-102	1 k	1/2 w.		
R211	302-105	1 meg	1/2 w.		
R212	302-105	1 meg	1/2 w.		
R215	302-223	22 k	1/2 w.		
R216	304-683	68 k	1 w.		
R217	302-106	10 meg	1/2 w.		
R218	302-821	820 Ω	1/2 w.		
R219	302-103	10 k	1/2 w.		
R225	304-104	100 k	1 w.		
R226	302-334	330 k	1/2 w.		
R227	302-474	470 k	1/2 w.		
R228	302-474	470 k	1/2 w.		
R230	309-026	3 meg	1/2 w.	Prec.	1%
R231	302-224	220 k	1/2 w.		
R232	302-275	2.7 meg	1/2 w.		
R235	302-104	100 k	1/2 w.		
R236	302-392	3.9 k	1/2 w.		
R237	304-104	100 k	1 w.		
R238	302-154	150 k	1/2 w.		
R239	311-026	100 k	2 w.	Var.	Comp. OUTPUT TRIGGER DELAY
R245	302-103	10 k	1/2 w.		
R246	302-103	10 k	1/2 w.		
R401	308-021	4.5 k	10 w.	WW	5%

RESISTORS (continued)

R402	308-021	4.5 k	10 w.					
R410	302-105	1 meg	1/2 w.					
R411	302-470	47 Ω	1/2 w.					
R415	302-470	47 Ω	1/2 w.					
R416	309-004	600 k	1/2 w.			Prec.	1%	
R417	309-008	700 k	1/2 w.			Prec.	1%	
R420	302-154	150 k	1/2 w.					
R421	302-473	47 k	1/2 w.					
R422	302-224	220 k	1/2 w.					
R425	302-105	1 meg	1/2 w.					
R426	302-470	47 Ω	1/2 w.					
R427	308-020	3 k	10 w.			WW	5%	
R430	302-470	47 Ω	1/2 w.					
R432	309-003	500 k	1/2 w.			Prec.	1%	
R433	309-053	333 k	1/2 w.			Prec.	1%	
R600	302-104	100 k	1/2 w.					
R601	302-105	1 meg	1/2 w.					
R602	302-470	47 Ω	1/2 w.					
R603	304-392	3.9 k	1 w.					
R604	304-103	10 k	1 w.					
R605	302-184	180 k	1/2 w.					
R606	302-470	47 Ω	1/2 w.					
R607	302-104	100 k	1/2 w.					
R608	311-023	50 k	2 w.	Var.	Comp.			
R609	302-393	39 k	1/2 w.					MARKER PHASE X197-up
R610	301-184	180 k	1/2 w.					5%
R611	302-154	150 k	1/2 w.					
R612	302-470	47 Ω	1/2 w.					
R615	302-561	560 Ω	1/2 w.					
R616	302-821	820 Ω	1/2 w.					
R617	302-334	330 k	1/2 w.					101-196 197-up
	302-105	1 meg	1/2 w.					
R620	302-821	820 Ω	1/2 w.					
R625	311-023	50 k	2 w.	Var.	Comp.			
R626	302-103	10 k	1/2 w.					MARKER AMPLITUDE
R627	302-334	330 k	1/2 w.					
R628	302-270	27 Ω	1/2 w.					
R629	302-561	560 Ω	1/2 w.					
R630	302-105	1 meg	1/2 w.					
R640	302-221	220 Ω	1/2 w.					
R641	302-221	220 Ω	1/2 w.					101-196 197-up
	306-102	1 k	2 w.					

SWITCHES

SW201	260-004	Sync. Selector, rotary	unwired
SW230	260-016	Field Shift, pushbutton	unwired
SW401	260-134	Power On, toggle	unwired
SW601	260-003	Time-Marker Interval, rotary	unwired
	262-057	Time-Marker Interval, rotary	wired

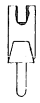
TRANSFORMER

T401	120-046	Plate and Heater Supply
------	---------	-------------------------

VACUUM TUBES

V201	154-028	6BQ7A
V210	154-048	12BZ7
V215	154-048	12BZ7
V220	154-016	6AL5
V230	154-026	6BH6
V235	154-048	12BZ7
V401	154-035	6X4
V402	154-001	0A2
V411	154-044	12B4
V415	154-022	6AU6
V420	154-023	6AX5
V426	154-044	12B4
V430	154-022	6AU6
V601	154-033	6U8
V610	154-028	6BQ7A
V615	154-014	6AK5
V629	154-028	6BQ7A

124 MECHANICAL PARTS



Strip, 3/4 in. by 1 notch 124-100



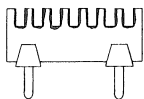
Strip, 3/4 in. by 2 notches 124-086



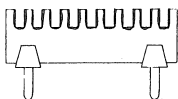
Strip, 3/4 in. by 3 notches 124-087



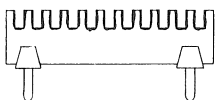
Strip, 3/4 in. by 4 notches 124-088



Strip, 3/4 in. by 7 notches 124-089



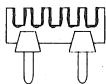
Strip, 3/4 in. by 9 notches 124-090



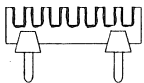
Strip, 3/4 in. by 11 notches 124-091



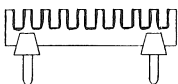
Strip, 7/16 in. by 3 notches 124-092



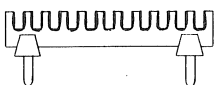
Strip, 7/16 in. by 5 notches 124-093



Strip, 7/16 in. by 7 notches 124-094



Strip, 7/16 in. by 9 notches 124-095



Strip, 7/16 in. by 11 notches 124-106



Spacer, 5/32 in., 361-007

1/4 in., 361-008

3/8 in., 361-009



Stud, Clip, Molded Nylon

355-046

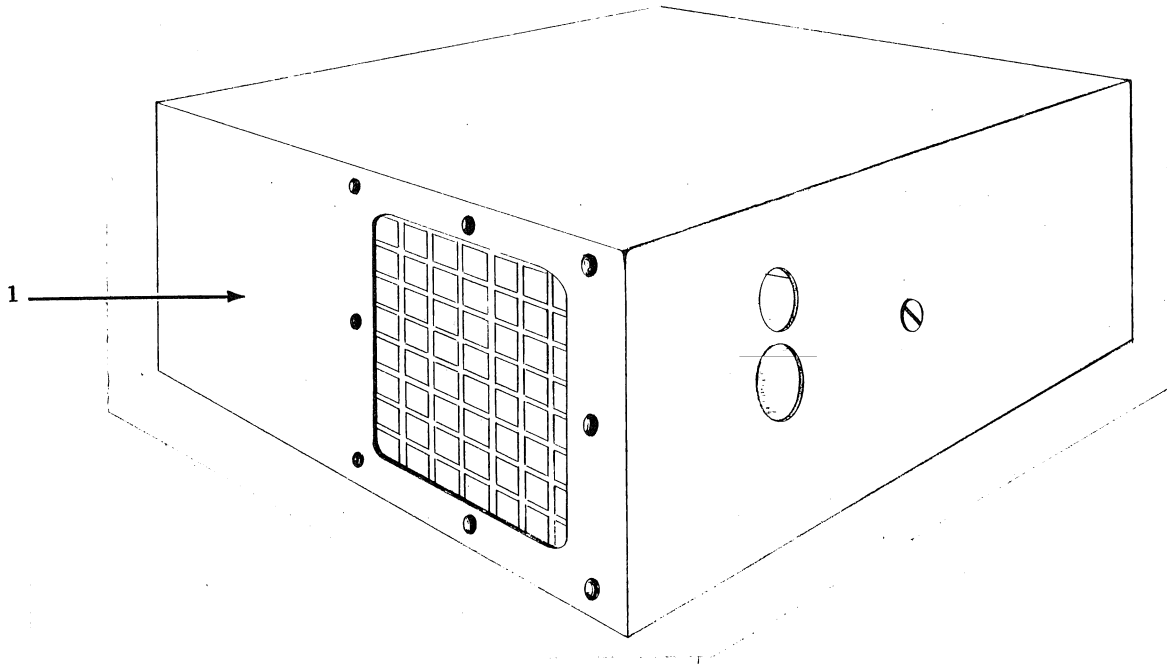
NOTE: Clip-mounted ceramic strips are direct replacements for hardware mounted strips previously used in Tektronix instruments.

When ordering strips for replacement, please include a description of part, part number, instrument type and serial numbers.

Each strip has the necessary studs mounted to it; but spacers must be ordered separately.

124 MECHANICAL PARTS

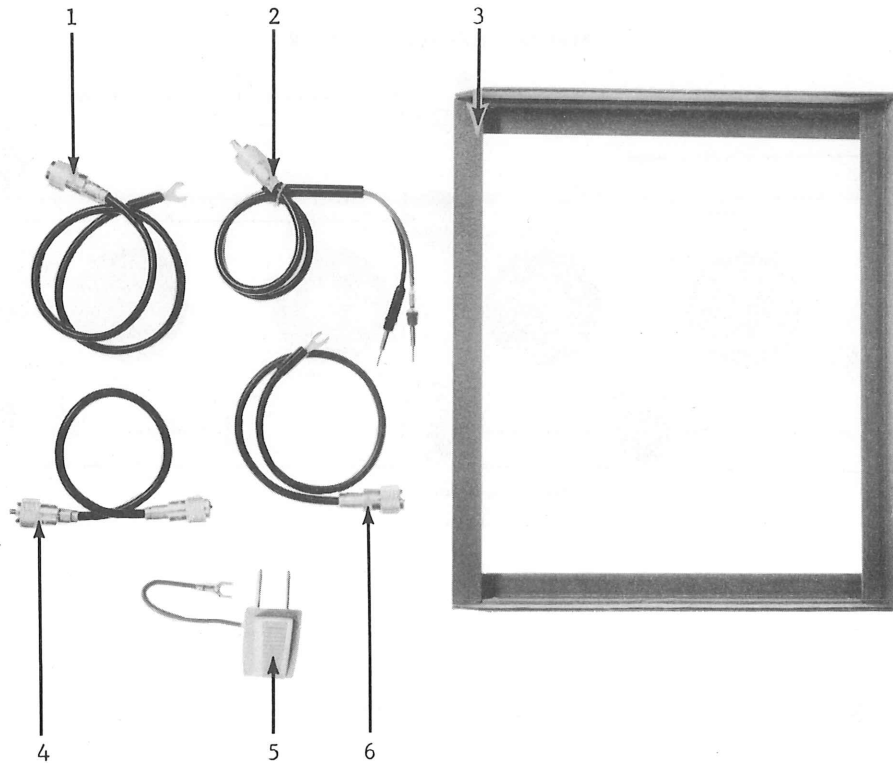
CABINET



Ref. No.	Item Name	Description	Part No.
1.	Cabinet,		437-020

124 MECHANICAL PARTS

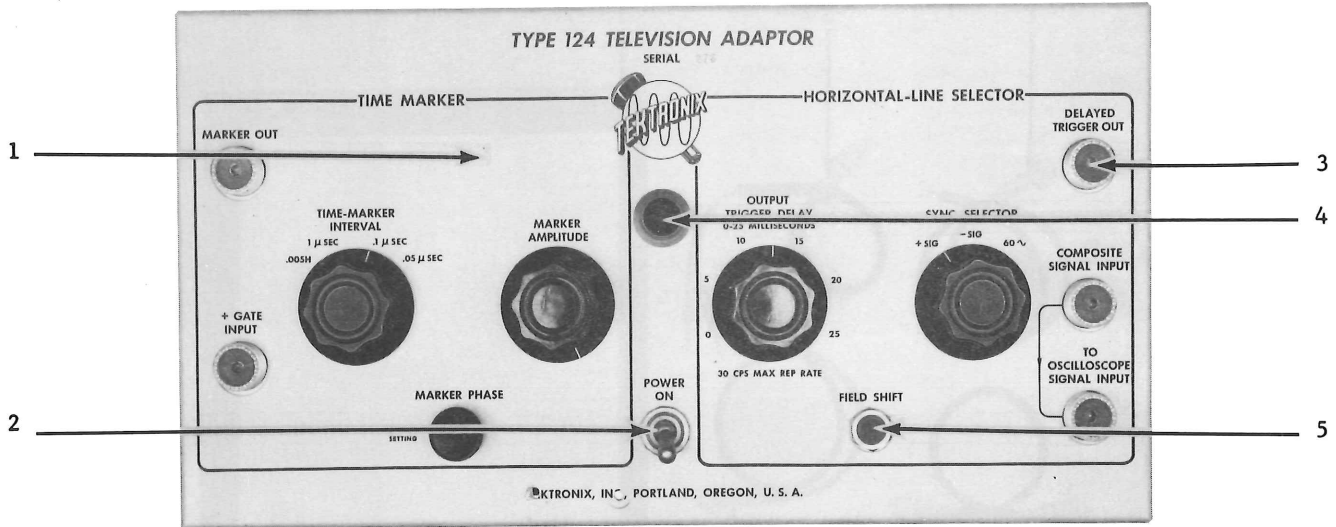
ACCESSORIES



Ref. No.	Item Name	Description	Part No.
1.	Trigger Cable		012-020
2.	Marker Cable		012-021
3.	Frame		014-003
4.	Signal Cable		012-019
5.	Adaptor	3T02	103-013
6.	Gate Cable		012-018
7.	Power Cord	(not shown)	s/n 101-268
	3 wire	(not shown)	s/n 269-up
	2 wire		161-004
			161-010

124 MECHANICAL PARTS

FRONT VIEW



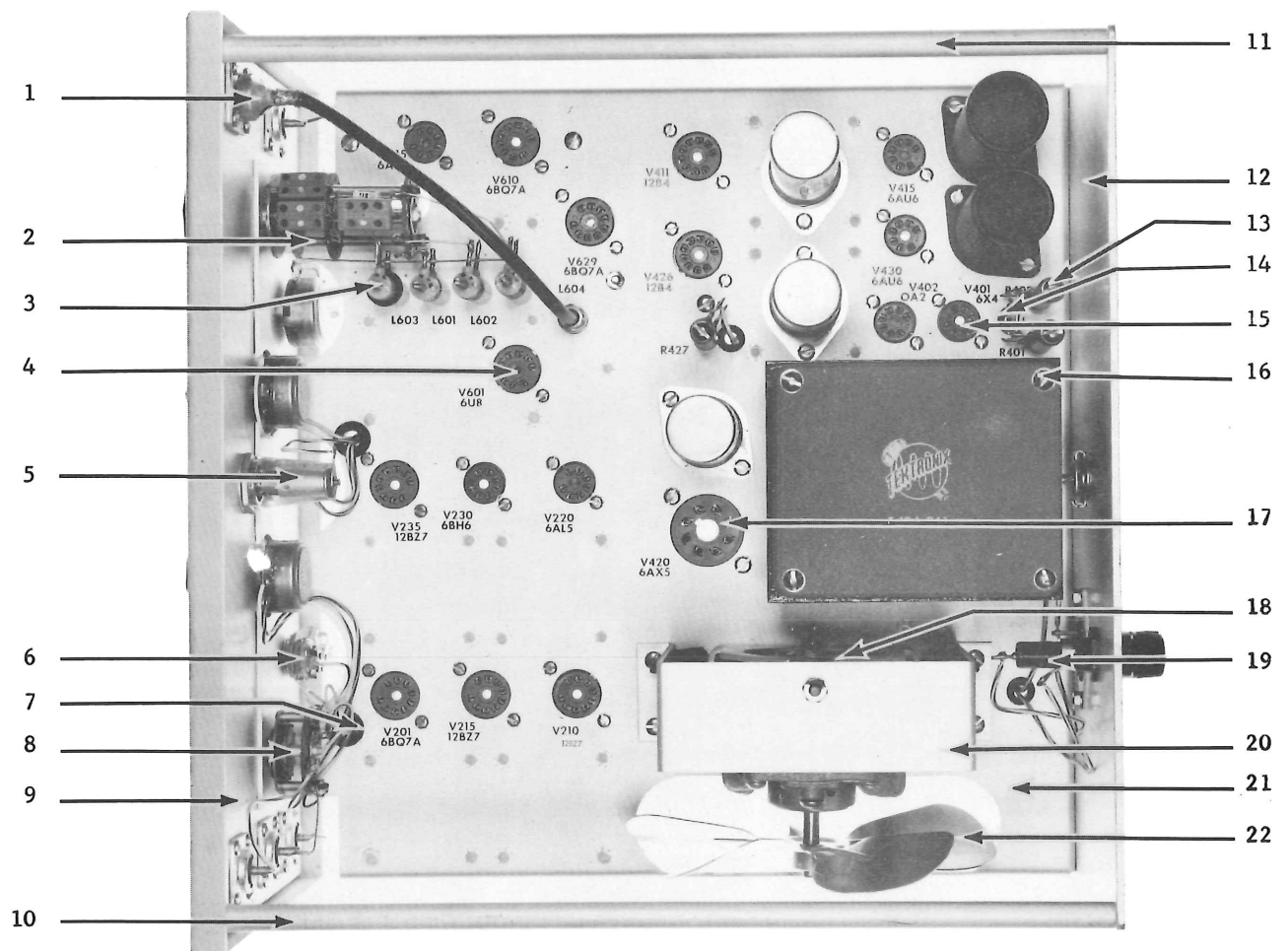
Ref. No.	Item Name	Description	Part No.
1.	Panel, Front		333-021
2.	Switch toggle	1 pole, 1 thro	260-134
3.	Connector, coax	1 contact, female	131-012
4.	Socket, light Light pilot	red, Drake	136-025 378-518
5.	Switch, Field Shift	red, pushbutton	260-016

KNOBS

Part No.	Control	Color	Qty.
366-007	All 1-1/2 in. knobs with white lines	Black	4
366-511	Marker Phase	Black	1

124 MECHANICAL PARTS

TOP VIEW



124 MECHANICAL PARTS

TOP VIEW

Ref. No.	Item Name	Description	Part No.
1.	Connector, Marker Output	w/cable	175-027
2.	Switch, Time Marker Interval	wired unwired	262-057 260-003
3.	Form, coil	core	276-503
4.	Socket Screw, Lockwasher, Nut, hex	STM9G 4-40 x 5/16 in. PHS w/lockwasher int. #4 4-40 x 3/16 in.	136-015 211-033 210-004 210-406
5.	Socket, light Light, pilot	red, Drake	136-025 378-518
6.	Switch, Field Shift	w/red button (unwired)	260-016
7.	Grommet,	3/8 in.	348-004
8.	Switch, Snyc. Selector	unwired	260-004
9.	Plate, Sub Panel,	front	386-353
10.	Rod,	3/8 x 12 in. tapped 8-32	384-509
11.	Rod,	3/8 x 12 in. tapped 8-32	384-509
12.	Plate,	frame back	387-514
13.	Screw, Eyelet, Lockwasher, Washer, flat Nut,	tapered barrel int. #8 8S x 3/8 x .032 in. 8-32 x 5/16 in.	212-034 210-601 210-008 210-804 210-409
14.	Grommet,	5/16 in.	348-003
15.	Socket, Screw, Lockwasher Nut, hex	STM7G 4-40 x 5/16 in. PHS w/lockwasher int. #4 4-40 x 3/16 in.	136-008 211-033 210-004 210-406
16.	Screw, transformer Lockwasher Nut,	8-32 x 4-1/4 in. int. #8 8-32 x 5/16 in.	212-034 210-008 210-409
17.	Socket, Screw, Lockwasher, Nut, hex	STM8, ground 6-32 x 5/16 in. PHS w/lockwasher int. #6 6-32 x 1/4 in.	136-011 211-534 210-006 210-407

(continued Page B-22)

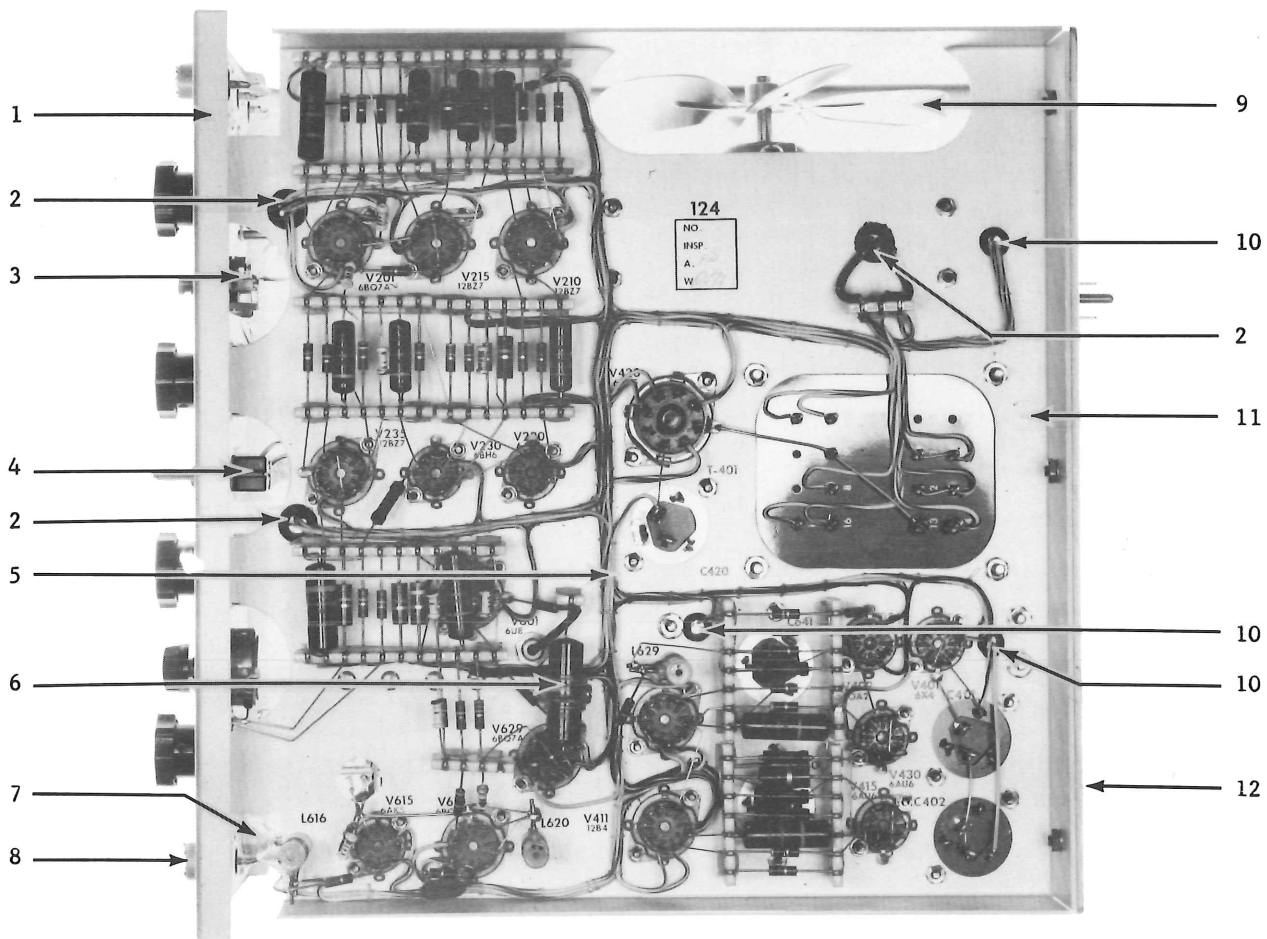
124 MECHANICAL PARTS

TOP VIEW (continued)

Ref. No.	Item Name	Description	Part No.
18.	Motor, fan	1/4 in. dia.	147-001
19.	Holder, fuse Washer, Cap, fuse	3 AG rubber	Ass'y 352-002 210-873 200-015
20.	Bracket, fan Bracket, fan mounting Shockmount,	rubber, solid round, 1/2 x 1/2 in.	406-035 406-126 348-008
21.	Chassis,		441-073
22.	Fan, blade		369-001

124 MECHANICAL PARTS

BOTTOM VIEW



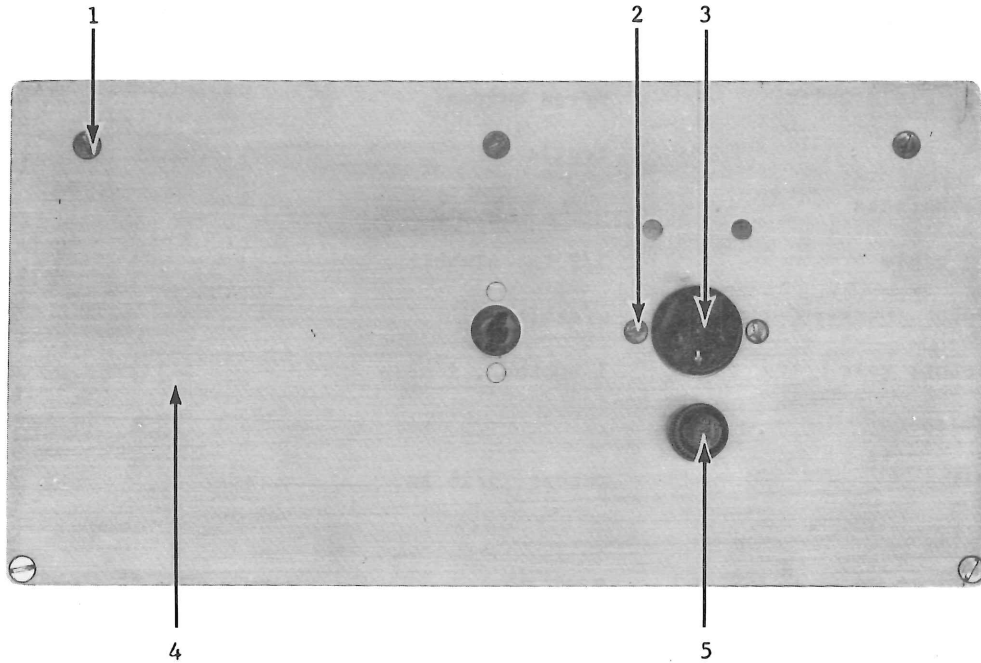
124 MECHANICAL PARTS

BOTTOM VIEW

Ref. No.	Item Name	Description	Part No.
1.	Panel, Front		333-021
2.	Grommet,	rubber, 3/8 in.	348-004
3.	Switch, Field Shift	w/red button	260-016
4.	Switch,	toggle	260-134
5.	Cable, harness		179-050
6.	Clamp, cable	1/2 in. plastic	343-006
7.	Connector, Marker Output	w/cable	175-027
8.	Connector, coax	1 contact, female	131-012
9.	Fan, blade		369-001
10.	Grommet,	rubber, 5/16 in.	348-003
11.	Chassis,		441-073
12.	Plate,	frame back	387-514

124 MECHANICAL PARTS

REAR VIEW



Ref. No.	Item Name	Description	Part No.
1.	Screw,	8-32 x 3/8 in. FHS	212-040
2.	Screw,	6-32 x 5/16 in. FHS	211-638
3.	Connector,	2 wire s/n 101-268 3 wire s/n 269-up	131-010 131-102
4.	Plate,	frame back	387-514
5.	Cap, fuse		200-015