

HIGH SPEED TAPE SENDER CABINET (AC)
AND ELECTRICAL COMPONENTS

TYPE 5

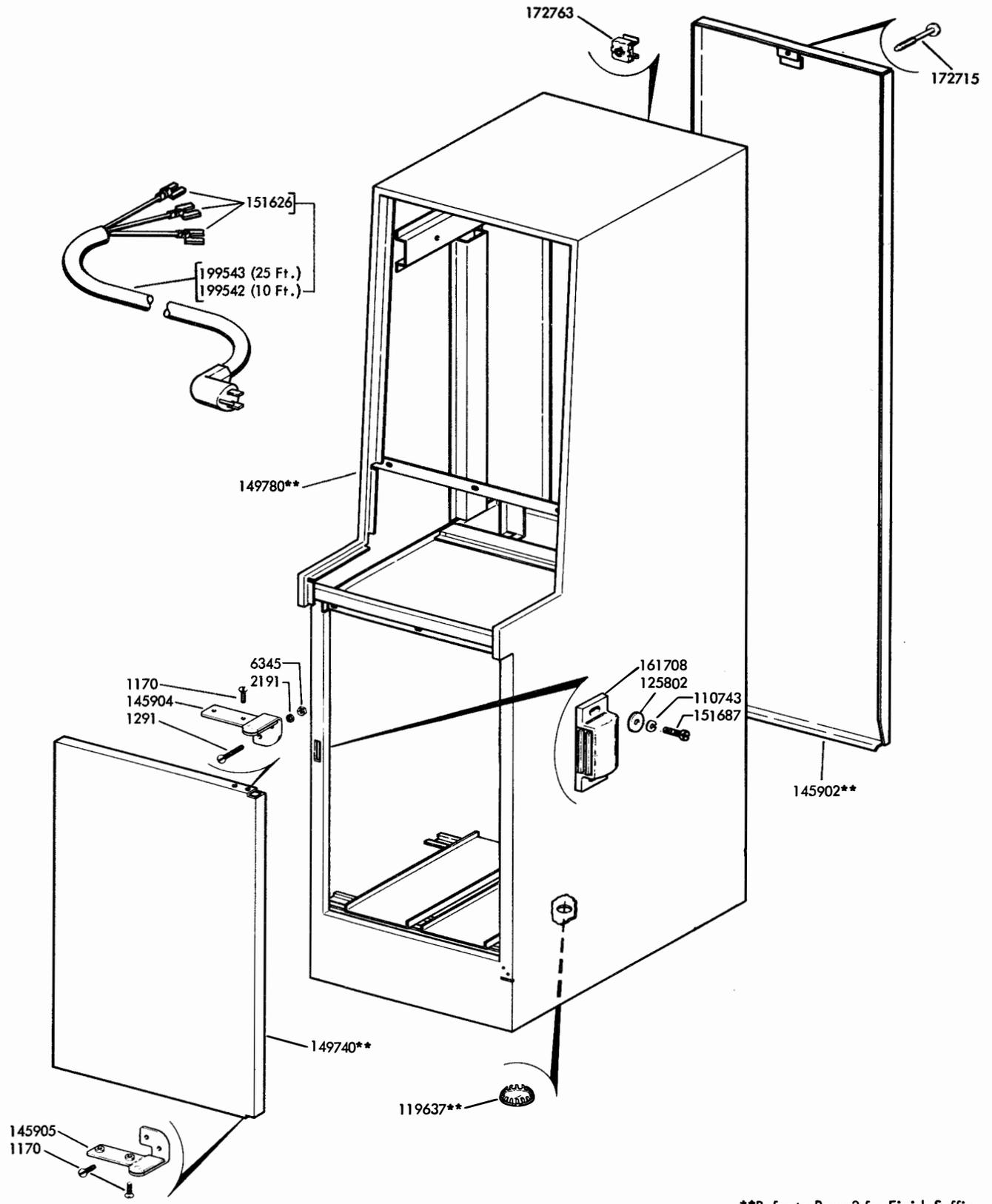
PARTS

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PAINT FINISH COLOR CODE CHART																			
(for parts and assemblies requiring a paint finish)																			
Color	Finish Suffixes				Color	Finish Suffixes													
	Wrinkle Finish	Smooth Finish	Textured Vinyl	Smooth Vinyl		Wrinkle Finish	Smooth Finish	Textured Vinyl	Smooth Vinyl										
Beige	AA (37)	ET			Gray, Federal	AB (40)	BV	GG	HB (68)										
Beige, Light		EL			HC		Gray, Green	BK		GA (45)	HE								
Beige, Rose		ER			Gray, Light		EJ	HF (46)											
Black		BA (34)						Gray, Covert		AJ	BJ	GE							
Black, High Gloss								BB						Gray, Olive	AB (40)	BK	GA (45)	HD	
Black, Semi Gloss								EK						Gray, Maritime Deck					EN
Blue, Aqua								EC						Gray, Oxford					EM
Blue, Brussels Light		ES			Green, Gray		EU												
Blue, Medium		AD (38)						Green, Moss		AJ	BJ	GE							
Brown, Dark								AC (39)						Ivory	EV				
Brown, Light	AL	BZ	GC	Pink, Rose	AB (40)	BK	GA (45)	HD											
Fawn				HA					Turquoise	EH									
Gray, Beige				GF					White	EG									
Gray, Charcoal				GB					Yellow, Pastel										
Gray, Dark																			

The double asterisk (**) denotes a painted part. Suffix to be applied following the part number.
 Number in parentheses indicates Bell System code.

Color Code Chart for multi-colored apparatus		
Color Code	Basic Color	Finish Suffixes
MA	Beige	HC and HG
MB	Gray	HB and HE
MC	Green	HD and HB
MH	Gray	BJ and EJ



**Refer to Page 2 for Finish Suffix

FIGURE 1. CABINET

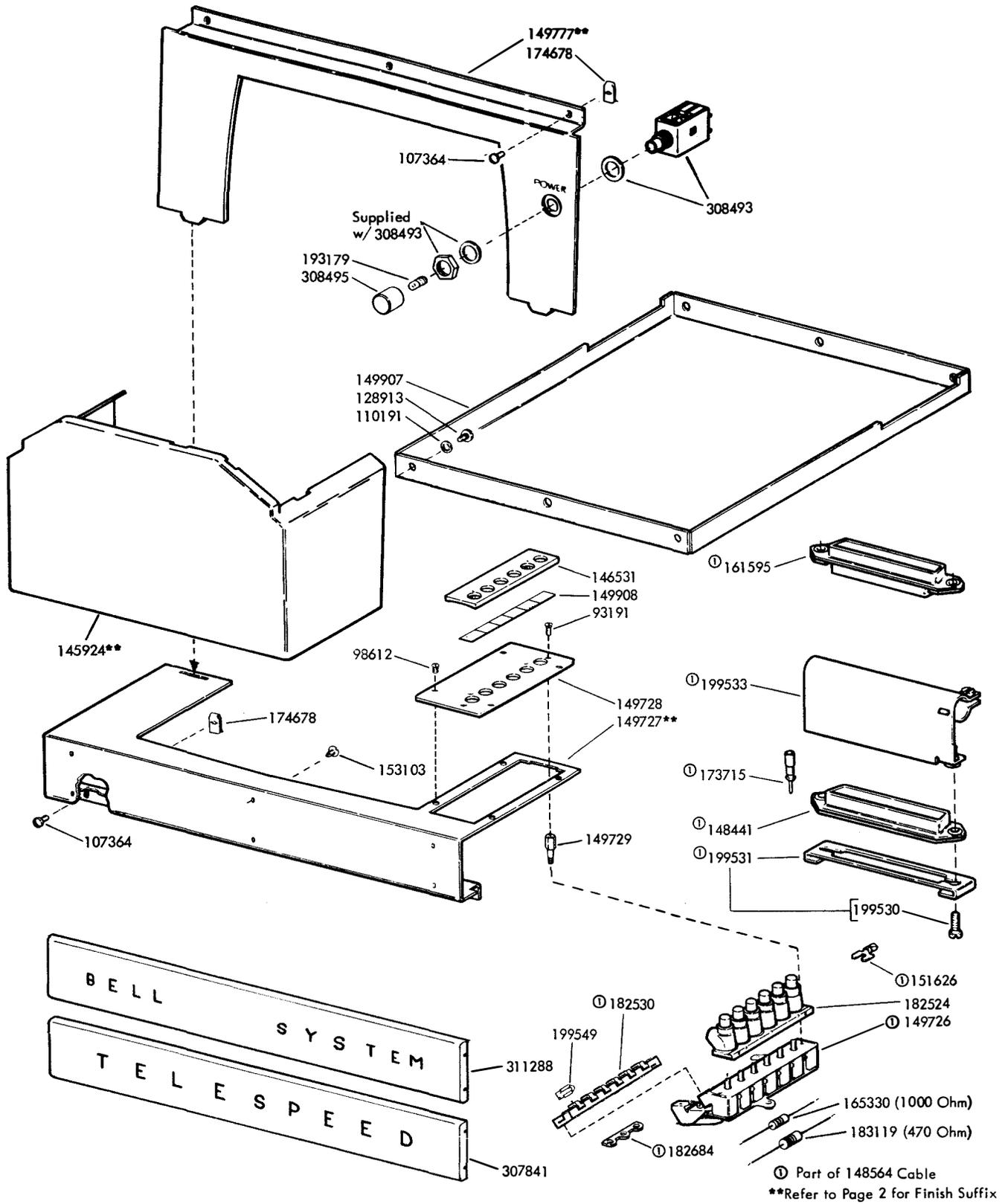
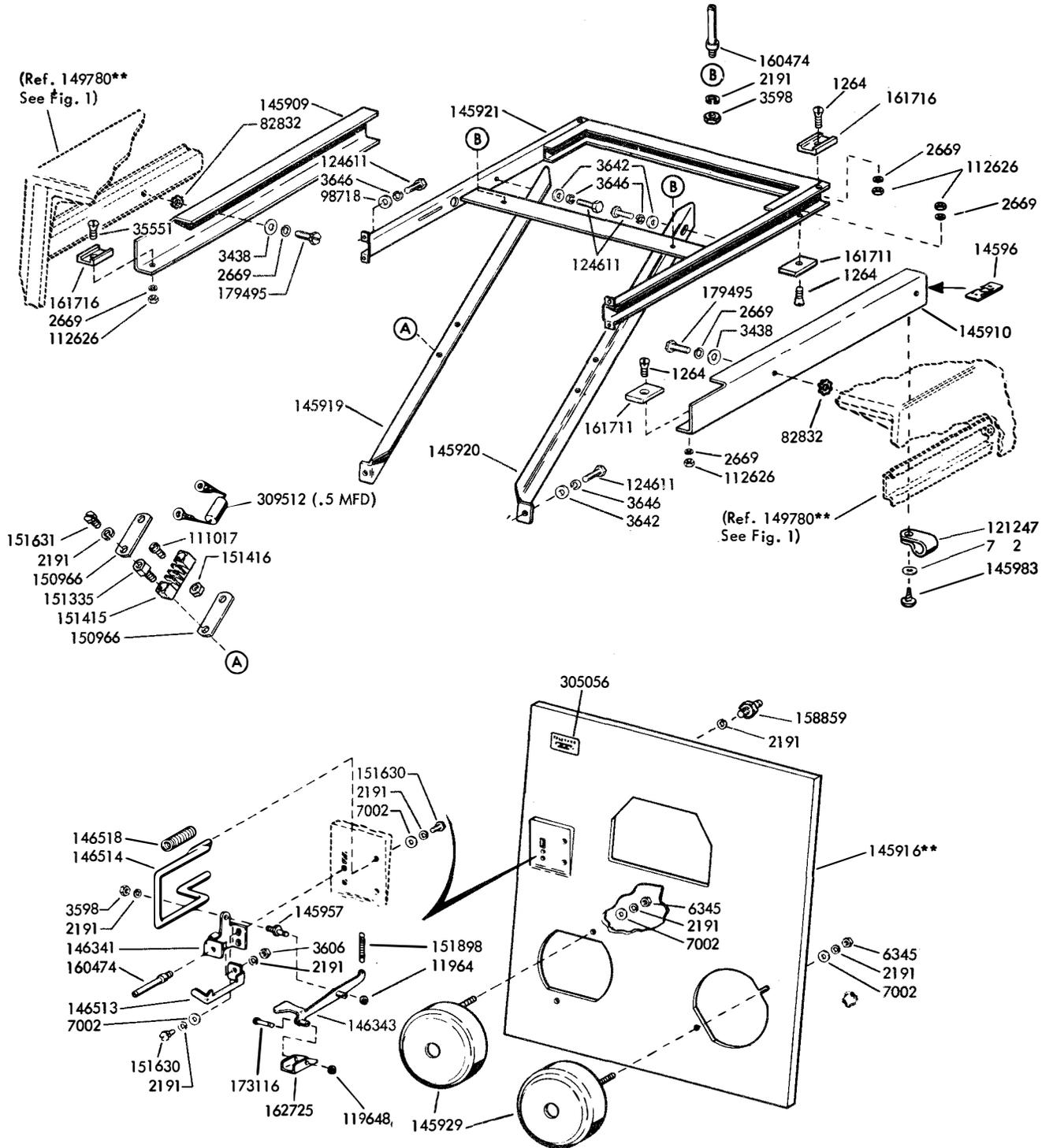
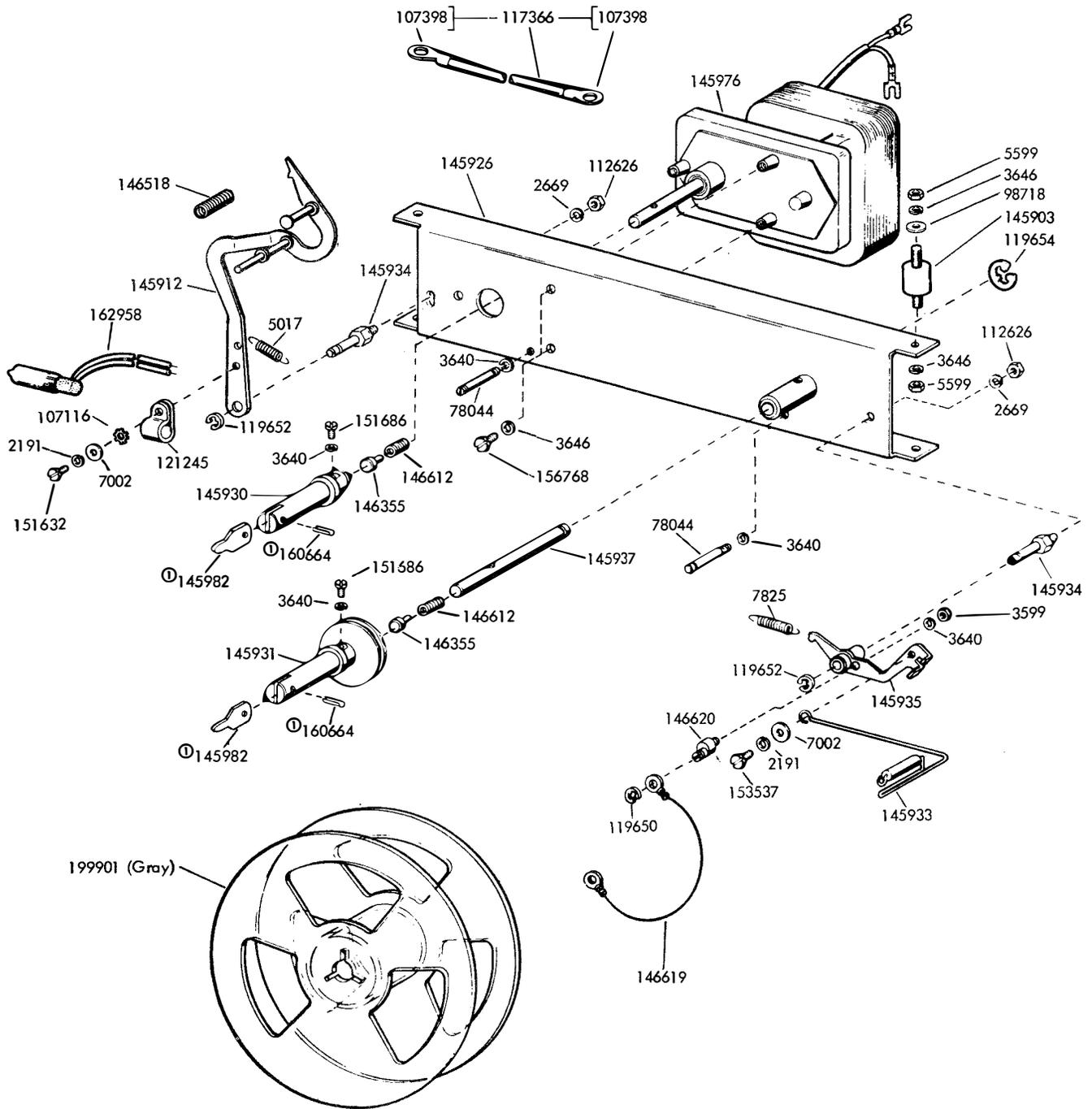


FIGURE 2. CABINET (Continued)



**Refer to Page 2 For Finish Suffix

FIGURE 3. FRONT PANEL AND INNER FRAME PARTS



⓪ Part of 145930 and 145931

FIGURE 4. TAPE HANDLING MECHANISM

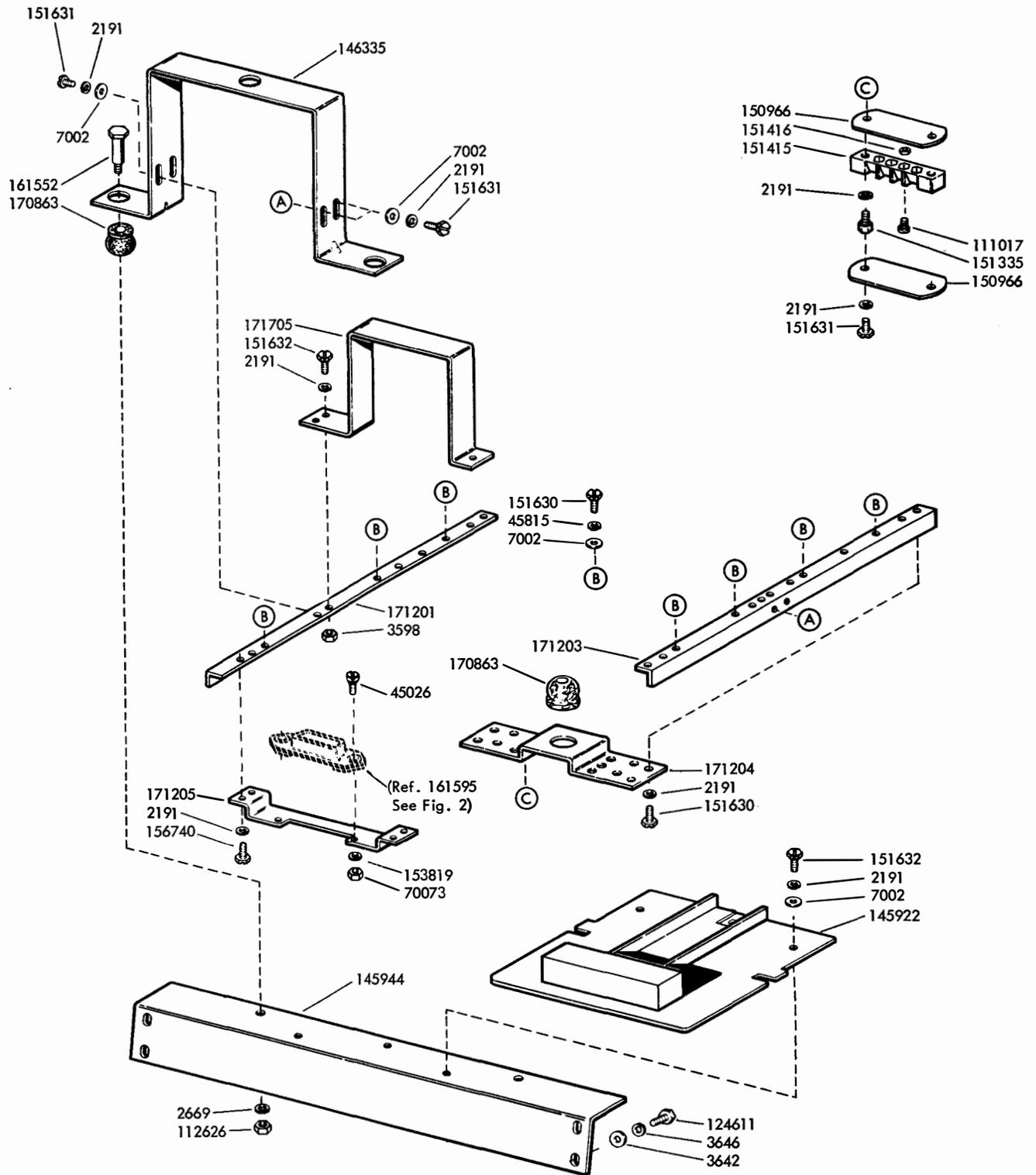


FIGURE 5. READER MOUNTING PARTS

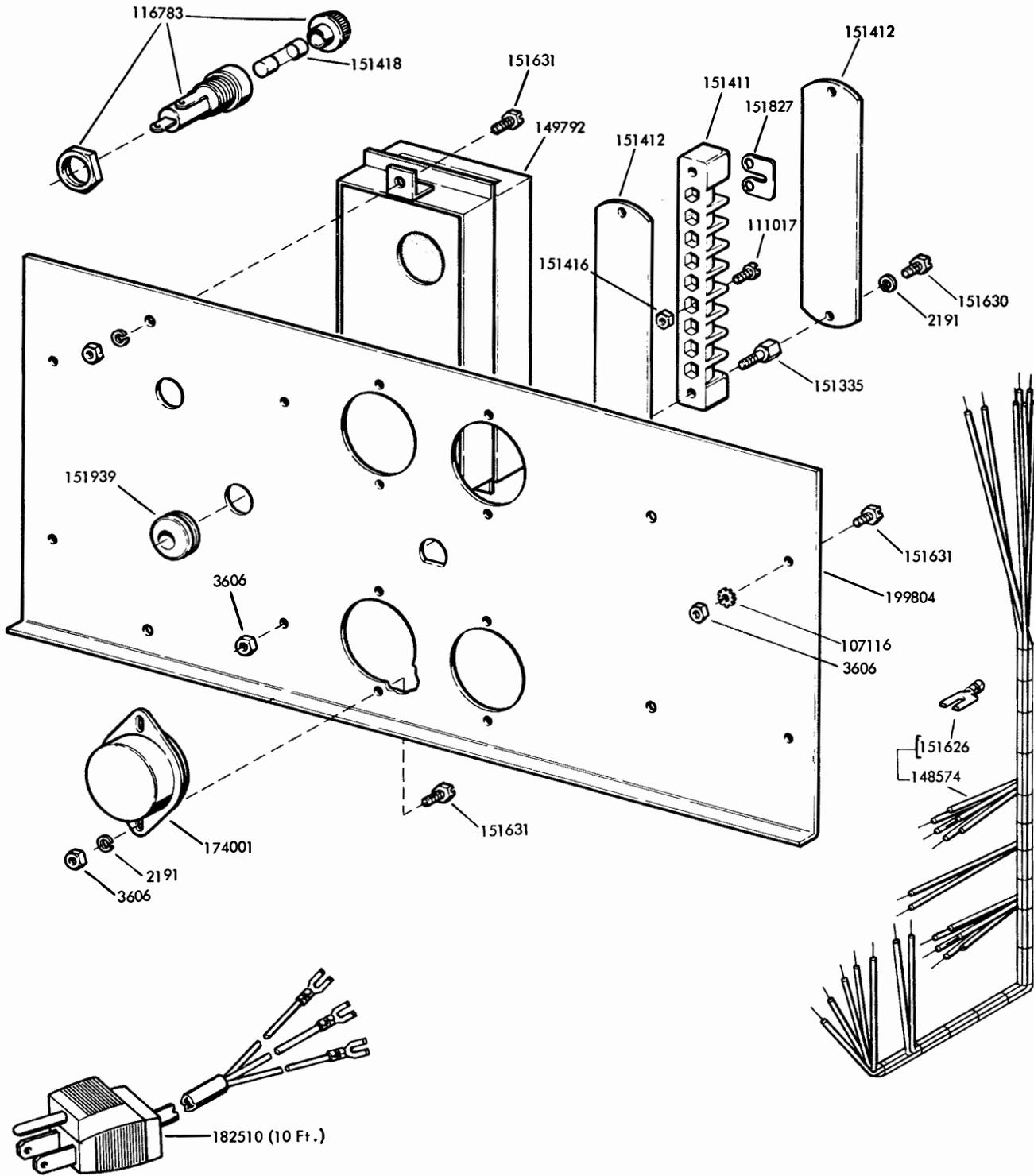
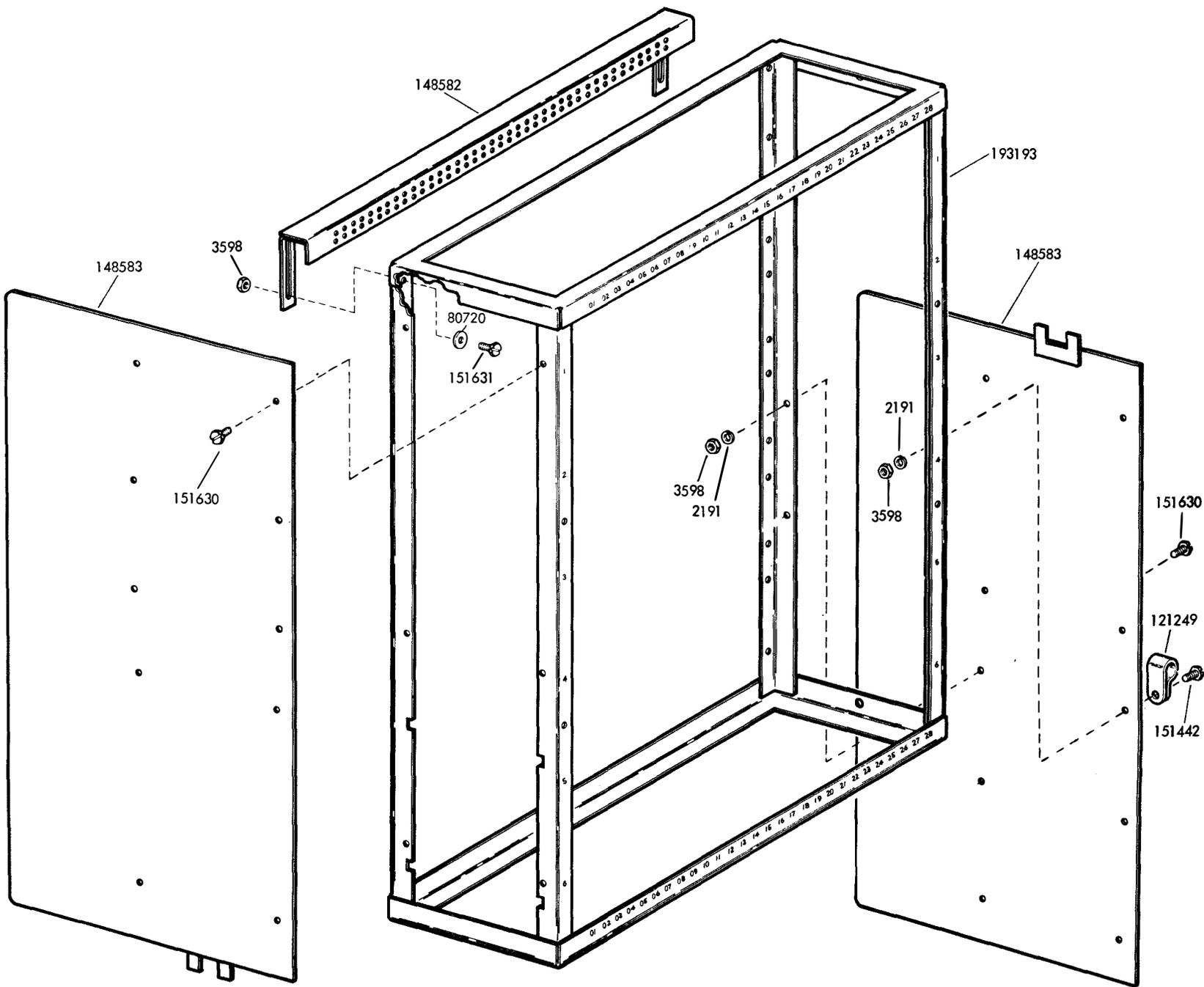


FIGURE 6. 148562 ELECTRICAL SERVICE PANEL ASSEMBLY

FIGURE 7. 199786 FRAME ASSEMBLY



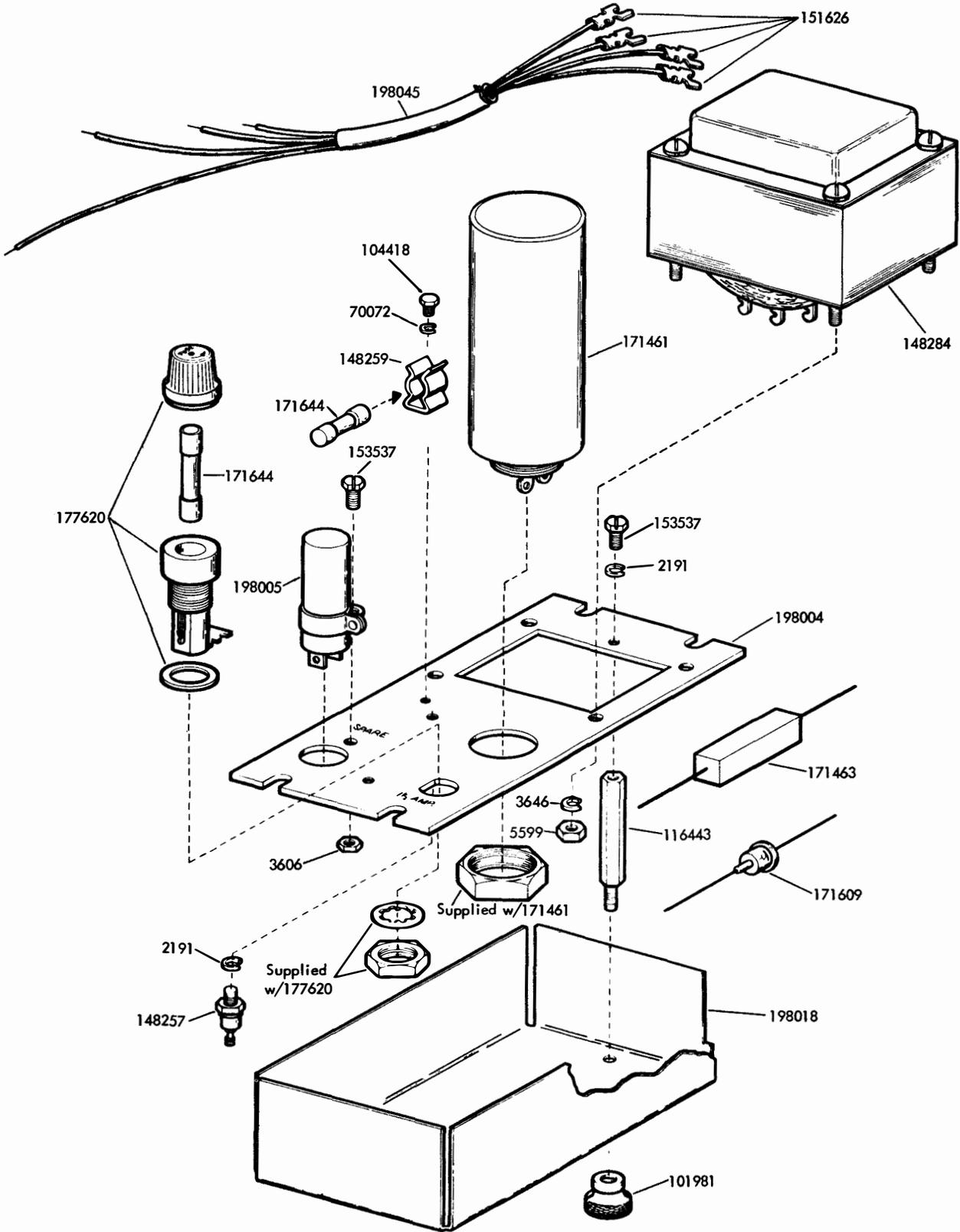


FIGURE 8. 198000 48V. POWER SUPPLY ASSEMBLY

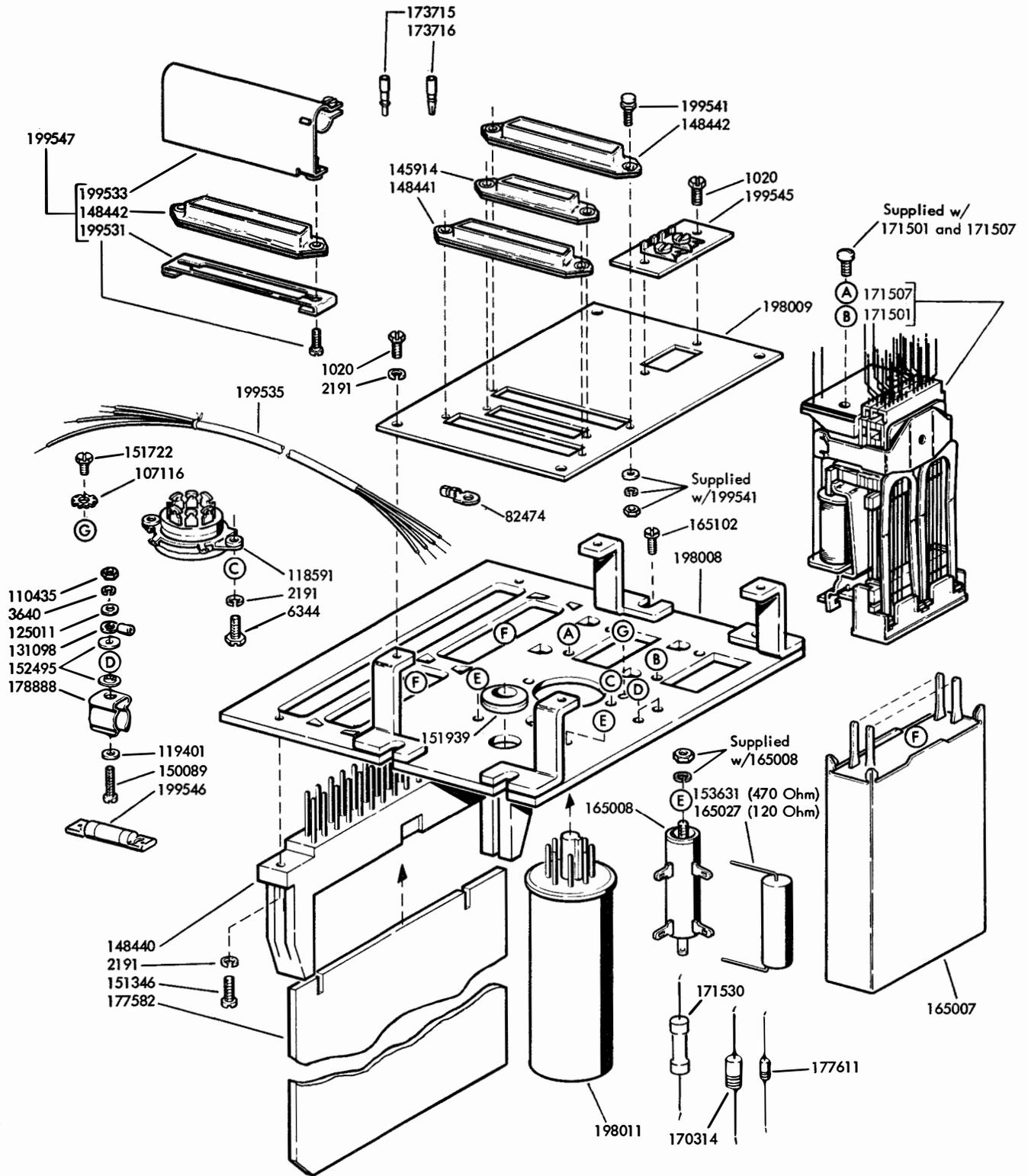


FIGURE 9. 198001 TRANSMITTER CIRCUIT ASSEMBLY

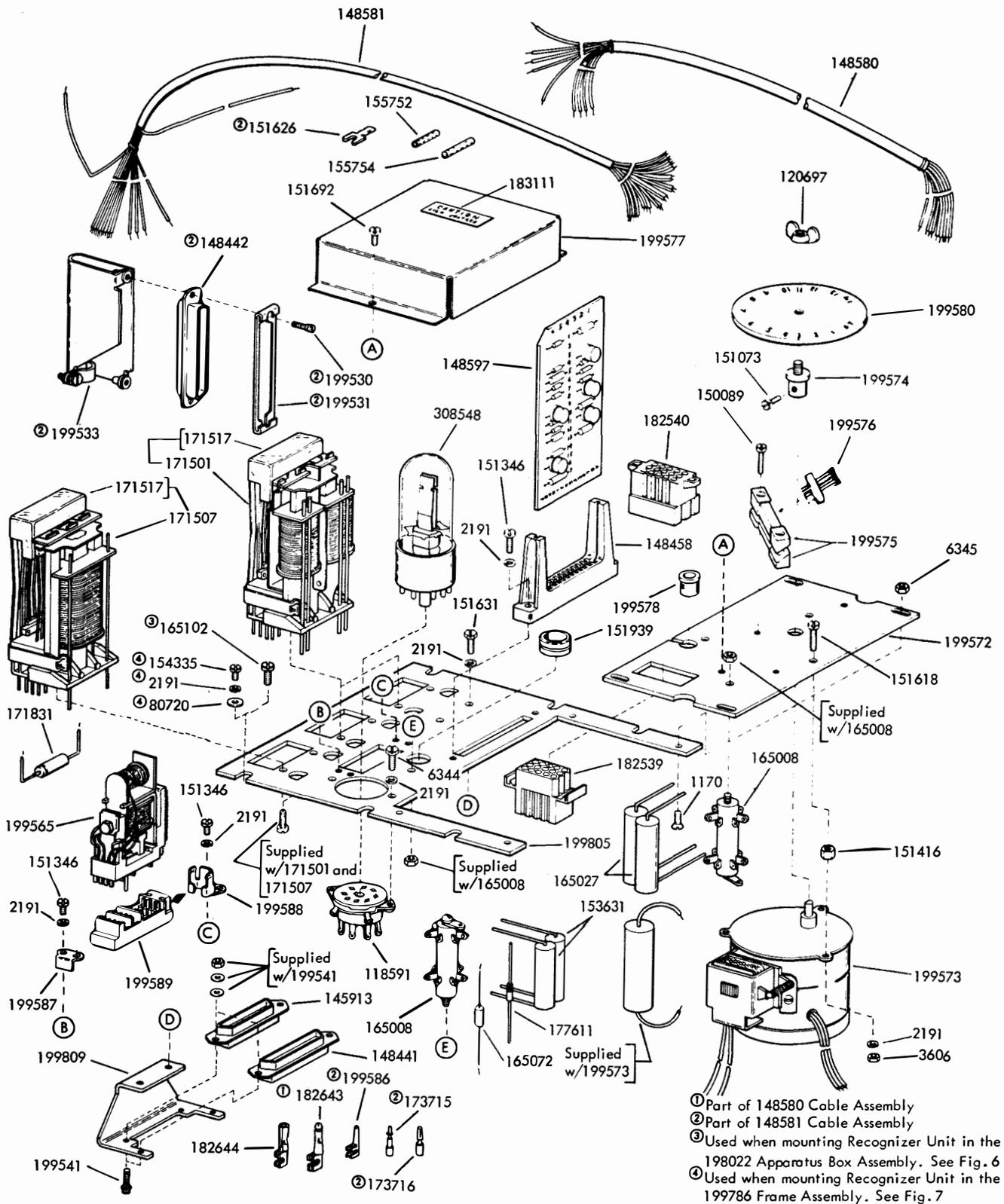


FIGURE 10. 198002 RECOGNIZER UNIT

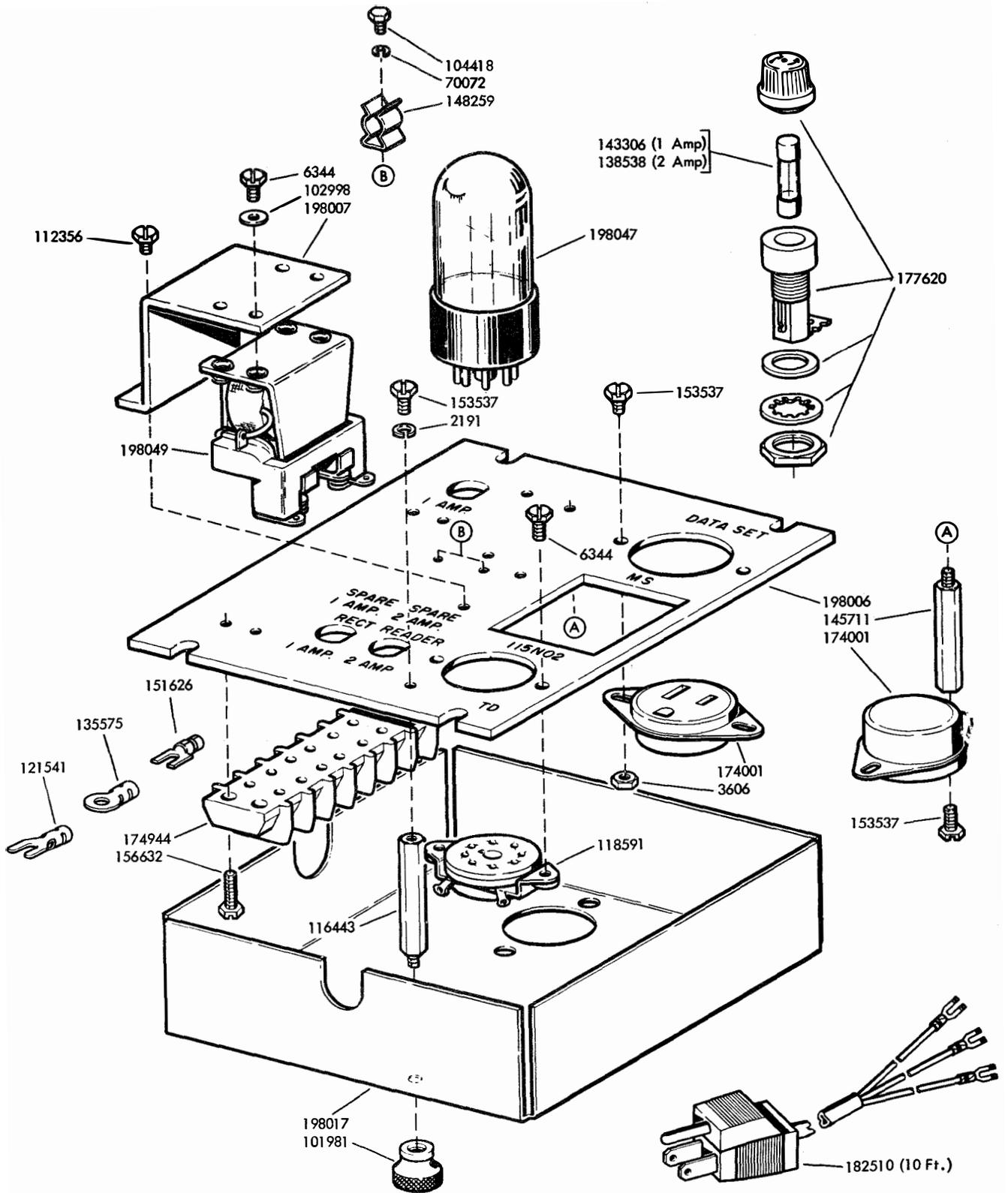


FIGURE 11. 198048 MOTOR CONTROL RELAY ASSEMBLY

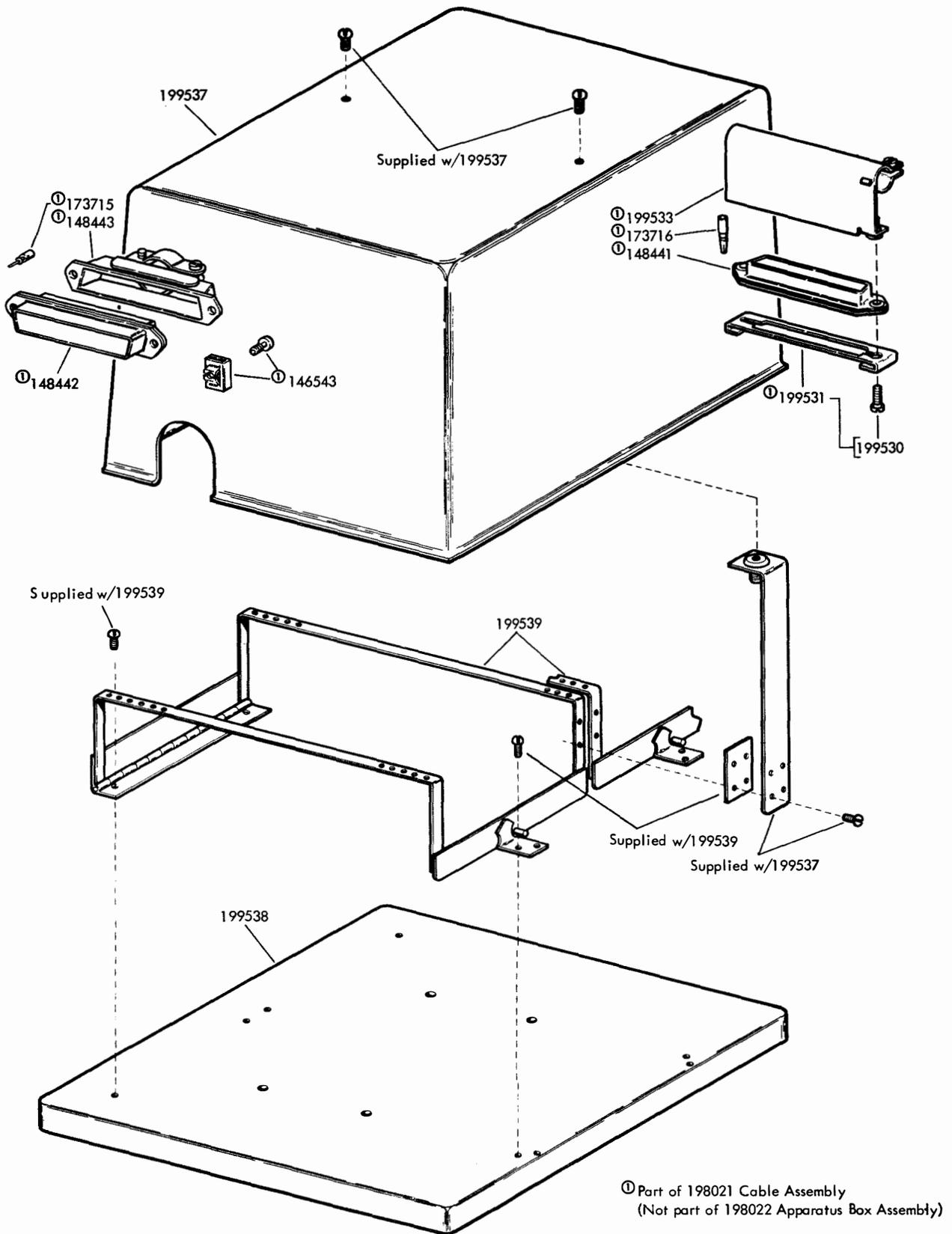


FIGURE 12. 198022 APPARATUS BOX ASSEMBLY

NUMERICAL INDEX

Part Number	Description and Page Number	Part Number	Description and Page Number	Part Number	Description and Page Number
1020	Screw (6-40 x 1/4 Hex) 11	145711	Stud 13	149780**	Cabinet 3, 5
1170	Screw (6-32 x 5/16 Flat) 3, 12	145902**	Panel, Rear 3	149792	Suppressor, Noise 8
1264	Screw (10-32 x 1/2 Flat) 5	145903	Mount, Vibration 6	149907	Rack, Mounting 4
1291	Screw (6-32 x 3/4 Flat) 3	145904	Hinge, Right 3	149908	Card, Identification 4
2191	Washer, Lock 3, 5 to 13	145905	Hinge, Left 3	150089	Screw (4-40 x 1/2 Fil) 11, 12
2669	Washer, Lock 5, 6, 7	145909	Channel, Left 5	150966	Insulator (1-4) 5, 7
3438	Washer, Flat 5	145910	Channel, Right 5	151073	Screw (4-40 x 5/32 Fil) 12
3598	Nut (6-40 Hex) 5, 7, 8, 9	145912	Arm w/Posts 6	151335	Stud 5, 7, 8
3599	Nut (4-40 Hex) 6	145913	Connector, Receptacle Type (25 Pt) 12	151346	Screw (6-40 x 3/8 Fil) 11, 12
3606	Nut (6-40 Hex) 5, 8, 10, 12, 13			151411	Block, Terminal 8
3640	Washer, Lock 6, 11	145914	Connector, Plug Type (25 Pt) 11	151412	Insulator (1-9) 8
3642	Washer, Flat 5, 7	145916**	Panel, Front 5	151415	Block, Terminal 5, 7
3646	Washer, Lock 5, 6, 7, 10	145919	Brace, Left 5	151416	Nut (6-40 Hex) 5, 7, 8, 12
5017	Spring 6	145920	Brace, Right 5	151418	Fuse (10 Amp) 8
5599	Nut (8-32 Hex) 6, 10	145921	Frame, Inner 5	151442	Screw (6-40 x 1/2 Hex) 9
6344	Screw (6-32 x 11/32 Hex) 11, 12, 13	145922	Pan 7	151618	Screw (6-40 x 7/16 Fil) 12
		145924**	Cover 4	151626	Terminal 3, 4, 8, 10, 12, 13
6345	Nut (6-32 Hex) 3, 5, 12	145926	Plate w/Hub 6	151630	Screw (6-40 x 1/4 Hex) 5, 7, 8, 9
7002	Washer, Flat 5, 6, 7	145929	Cup (4-1/2 ID) 5	151631	Screw (6-40 x 5/16 Hex) 5, 7, 8, 9, 12
7825	Spring 6	145930	Hub Assembly 6		
35551	Screw (10-32 x 3/8 Flat) 5	145931	Disk Assembly 6	151632	Screw (6-40 x 3/8 Hex) 6, 7
45026	Screw, Shoulder (3-48) 7	145933	Guide, Tape 6	151686	Screw (4-40 x 3/8 Fil) 6
45815	Washer, Lock 7	145934	Post 6	151687	Screw (4-40 x 7/16 Fil) 3
70072	Washer, Lock 10, 13	145935	Arm w/Hub 6	151692	Screw (6-40 x 3/16 Fil) 12
70073	Nut (3-48 Hex) 7	145937	Shaft 6	151722	Screw (6-40 x 3/16 Hex) 11
78044	Post, Spring 6	145944	Bracket, Mounting 7	151827	Strap, Terminal 8
80720	Washer, Flat 9, 12	145957	Stud 5	151898	Spring 5
82474	Terminal 11	145968	Nut, Speed (#6) 5	151939	Grommet, Rubber 8, 11, 12
82832	Washer, Lock 5	145976	Motor, 115V AC (105 RPM) 6	152495	Bushing 11
93191	Screw (4-40 x 5/16 Flat) 4	145982	Detent, Tape Reel 6	153103	Screw (4-40 Self-Tapping) 4
98612	Screw (4-40 Spl) 4	145983	Screw, Self-Tapping (#6) 5	153537	Screw (9-40 x 9/32 Hex) 6, 10, 13
98718	Washer, Flat 5, 6	146335	Bracket, Mounting 7		
101981	Nut, Thumb (6-40) 10, 13	146341	Bracket, Chad Depressor 5	153631	Network, Spark Suppression 11, 12
102998	Washer, Flat 13	146343	Arm w/Hub 5		
104418	Screw (4-40 x 5/32 Hex) 10, 13	146355	Plunger 6	153819	Washer, Lock 7
107116	Washer, Lock 6, 8, 11	146513	Guide, Tape 5	154335	Screw (6-40 x 9/32 Fil) 12
107364	Screw (6-32 x 3/8 Fil) 4	146514	Guide, Tape 5	155752	Sleeve, Insulating (5/64 ID x 1/2" Lg) 12
107398	Terminal 6	146518	Roller, Spring 5, 6		
110191	Washer, Lock 4	146531	Plate, Face 4	155754	Sleeve, Insulating (1/16 ID x 1/2" Lg) 12
110435	Nut (4-40 Hex) 11	146543	Screw Assembly 14		
110743	Washer, Lock 3	146612	Spring 6	156632	Screw (6-40 x 13/32 Hex) 13
111017	Screw (6-40 x 5/16 Fil) 5, 7, 8	146619	Wire, Brake 6	156740	Screw (6-40 x 7/32 Hex) 7
112356	Screw (6-40 x 7/32 Hex) 13	146620	Post, Eccentric 6	156768	Screw (8-32 x 9/32 Hex) 6
112626	Nut (10-32 Hex) 5, 6, 7	148257	Terminal, Insulated 10	158859	Post, Spring 5
116443	Post 10, 13	148259	Clip, Fuse 10, 13	160474	Stud, Eccentric 5
116783	Holder, Fuse 8	148284	Transformer 10	160664	Pin, Roll 6
117366	Jumper (8-1/2" Green) 6	148440	Connector, Card (36 Pt) 11	161552	Screw (10-32 Spl) 7
118591	Socket, Tube 11, 12, 13	148441	Connector, Plug Type (37 Pt) 4, 11, 12, 14	161595	Connector, Receptacle (36 Pt) 4, 7
119401	Washer, Flat 11				
119637**	Button, Plug 3	148442	Connector, Receptacle Type (37 Pt) 11, 12, 14	161708	Latch, Magnetic 3
119648	Ring, Retaining 5			161711	Block, Guide 5
119650	Ring, Retaining 6	148443	Clamp, Cable 14	161716	Block, Support 5
119652	Ring, Retaining 6	148458	Connector, Circuit Card (15Pt) 12	162725	Depressor, Chad 5
119654	Ring, Retaining 6	148562	Panel Assembly, Electrical 1, 8	162958	Switch, Mercury 6
120697	Nut, Wing (10-32) 12	148564	Cable Assembly 4	165007	Relay 11
121245	Clamp, Cable (5/16" ID) 6	148574	Cable w/Terminals 8	165008	Turret 11, 12
121247	Clamp (7/16" ID) Cable 5	148580	Cable Assembly 12	165027	Network, Spark Suppression 11, 12
121249	Clamp (5/8" ID) Cable 9	148581	Cable Assembly 12		
121541	Terminal 13	148582	Rail 9	165072	Resistor (9100 Ohm) 12
124611	Screw (8-32 x 3/8 Hex) 5, 7	148583	Plate 9	165102	Screw (12-24 x 3/8 Rd) 11, 12
125011	Washer, Flat 11	148597	Card, Circuit 12	165330	Resistor (1000 Ohm) 4
125802	Washer, Flat 3	149726	Key 4	170314	Resistor (3900 Ohm) 11
128913	Screw, Self-Tapping (8-32) 4	149727**	Panel, Control 4	170863	Mount, Vibration 7
131098	Terminal 11	149728	Plate, Switch 4	171201	Rail, Left 7
135575	Terminal 13	149729	Stud 4	171203	Rail, Right 7
138538	Fuse (2 Amp SL-BL) 13	149740**	Door, Front 3	171204	Bracket 7
143306	Fuse (1 Amp SL-BL) 13	149777**	Panel, Cover 4	171205	Bracket, Connector Mounting 7
				171461	Capacitor (900 mfd) 10

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NUMERICAL INDEX (Continued)

Part Number	Description and Page Number	Part Number	Description and Page Number	Part Number	Description and Page Number
171463	Resistor (1 Ohm) 10	182684	Strap 4	199542	Cord w/Plug 3
171501	Relay 11, 12	183111	Label 12	199543	Cord w/Plug and Terminals 3
171507	Relay 11, 12	183119	Resistor (470 Ohm) 4	199545	Strip, Terminal (2 Pt) 11
171517	Cover, Dust 12	193179	Lamp (28 V) 4	199546	Resistor (50,000 Ohm) 11
171530	Resistor (2,000 Ohm) 11	193193	Frame 9	199547	Plug Assembly 11
171609	Diode 10	198000	Supply Assembly, Power 1,10	199549	Lamp (48 V) 4
171644	Fuse (1.5 Amp) 10	198001	Circuit Assembly, Transmitter 1,11	199565	Relay 12
171705	Guard, Gear 7	198002	Recognizer Unit 1,12	199572	Plate, Mounting 12
171831	Capacitor (10 mfd) 12	198004	Plate 10	199573	Motor w/Capacitor, Synchronous (117 V AC) 12
172715	Screw, Captive (10-24) 3	198005	Resistor (750 Ohm) 10	199574	Hub 12
172763	Nut, Grip (10-24) 3	198006	Plate 13	199575	Holder, Brush (Top and Bottom) 12
173116	Pin 5	198007	Bracket 13	199576	Brush, Contact 12
173715	Terminal, Plug Type 4, 11, 12, 14	198008	Plate w/Brackets 11	199577	Cover 12
173716	Terminal, Receptacle Type 11, 12, 14	198009	Plate, Connector 11	199578	Bushing, Snap 12
174001	Connector, Receptacle (3 Pt) 8,13	198011	Relay, Reed Switch 11	199580	Disk, Coding 12
174678	Nut, Speed 4	198017	Cover 13	199586	Terminal, Taper Pin 12
174944	Block, Terminal 13	198018	Cover 10	199587	Bracket, Relay (Top) 12
177582	Card, Circuit (EC 582) 11	198021	Cable Assembly 14	199588	Bracket, Relay (Bottom) 12
177611	Rectifier 11, 12	198022	Box Assembly, Apparatus 1,12,14	199589	Receptacle, Relay 12
177620	Holder, Fuse 10, 13	198045	Cable w/Terminals 10	199786	Frame Assembly 1,9,12
178888	Clip 11	198047	Relay, Time Delay 13	199804	Bracket, Mounting 8
179495	Screw (10-24 x 1/2 Hex) 5	198048	Relay Assembly, Motor Control 1,13	199805	Plate, Mounting 12
182510	Cable 8, 13	198049	Relay, Magnet 13	199809	Bracket, Connector 12
182524	Button Assembly 4	199530	Screw, Shoulder (4-40) 4, 12,14	199901	Reel, Tape 6
182530	Strip Assembly, Lamp 4	199531	Lock Assembly, Sliding 4, 11, 12, 14	305056	Plate, Identification 5
182539	Connector, Receptacle Type (15 Pt) 12	199533	Clamp, Cable 4, 11, 12, 14	307841	Plate, Identification 4
182540	Connector, Plug Type (15 Pt) 12	199535	Cable w/Terminals 11	308493	Switch, Pushbutton 4
182643	Terminal, Plug Type 12	199537	Cover w/Mounting Brackets 14	308495	Lens (White) 4
182644	Terminal, Receptacle Type 12	199538	Backboard 14	308548	Relay, Delay 12
		199539	Frame w/Screws 14	309512	Network, Spark Suppression 5
		199541	Post, Sliding Lock 11, 12	311288	Plate, Identification 4