

**DATASPEED TYPE 5
TAPE SENDER CABINET (AC) AND ELECTRICAL COMPONENTS**

PARTS

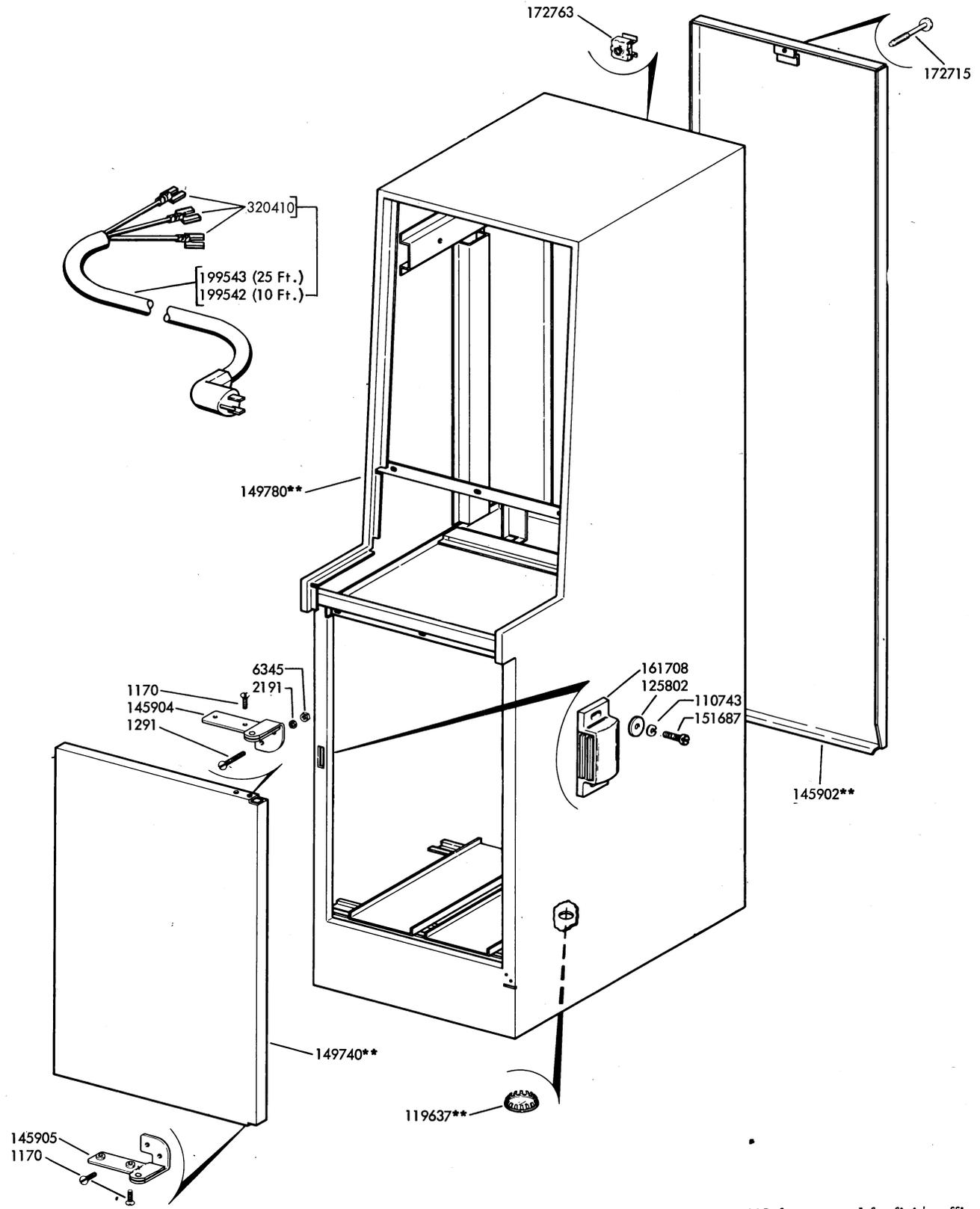
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PAINT FINISH COLOR CODE CHART		
COLOR.	Finish Suffixes	
	Textured Vinyl	Smooth Vinyl
Green Gray Light Gray Olive Gray	GA(45)	HB(68) HF(46)
The double asterisk(**) denotes a painted part. Suffix to be applied following the part number. Number in parentheses indicates Bell System Code.		

COLOR CODE CHART FOR MULTI-COLOR 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

The part identification information contained in the following change notices have been incorporated in this issue.	
TCN's	#993, #1120, #1188, #1199, #1321, #1571, #1628

NOTE: When ordering parts from this section, prefix each number with the letters TP.



**Refer to page 1 for finish suffix

FIGURE 1. CABINET

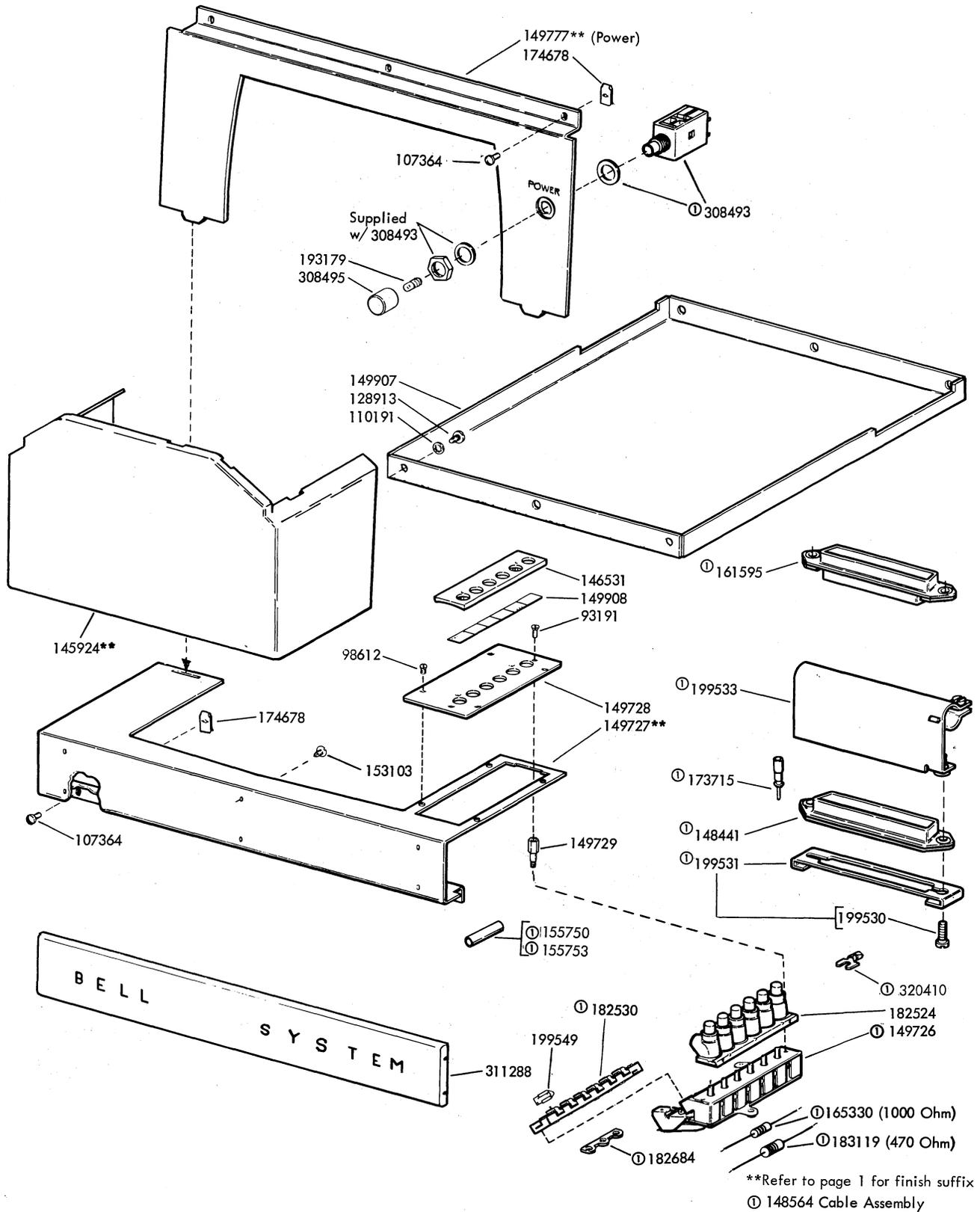


FIGURE 2. CABINET (Continued)

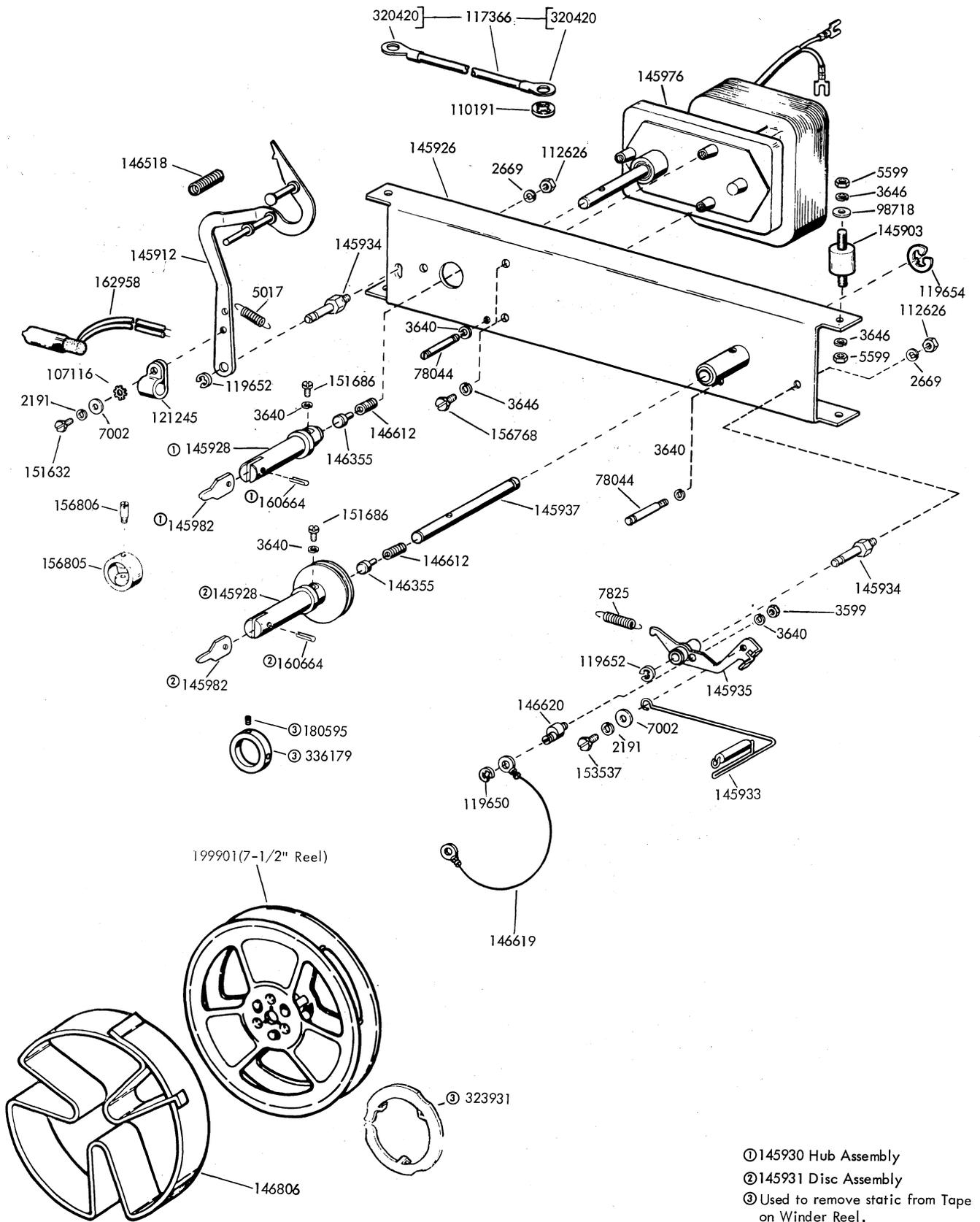


FIGURE 4. TAPE HANDLING MECHANISM

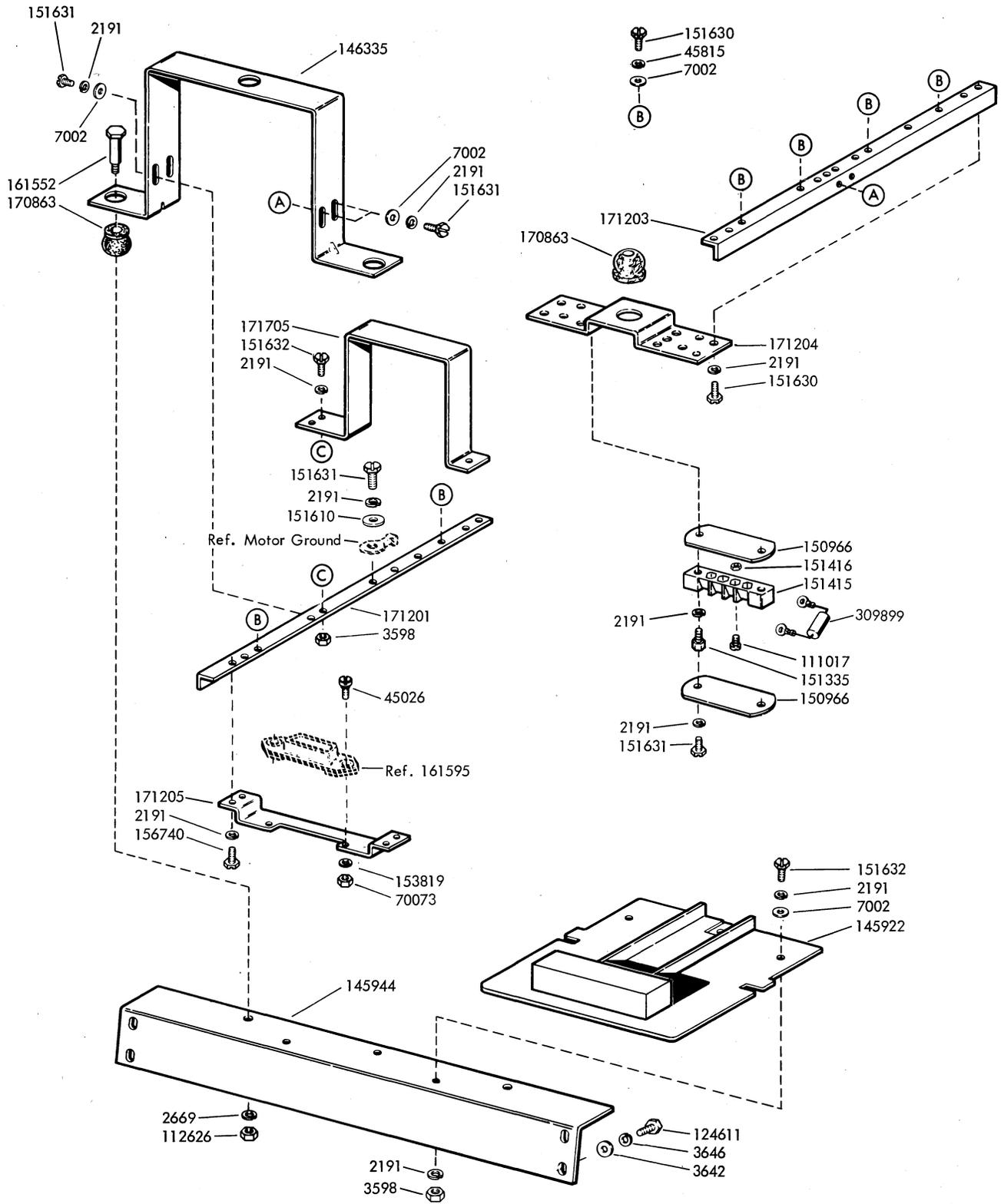


FIGURE 5. READER MOUNTING PARTS

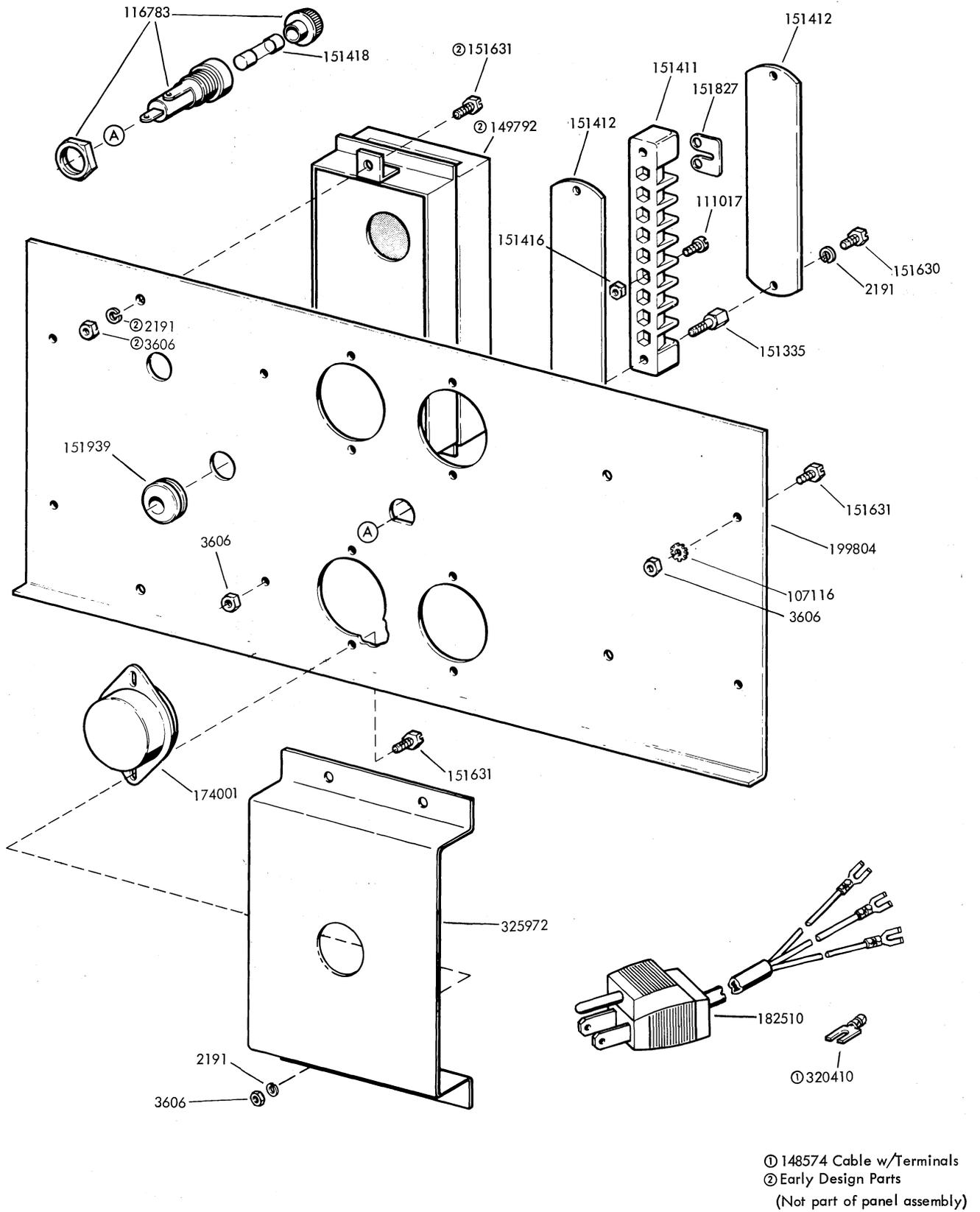
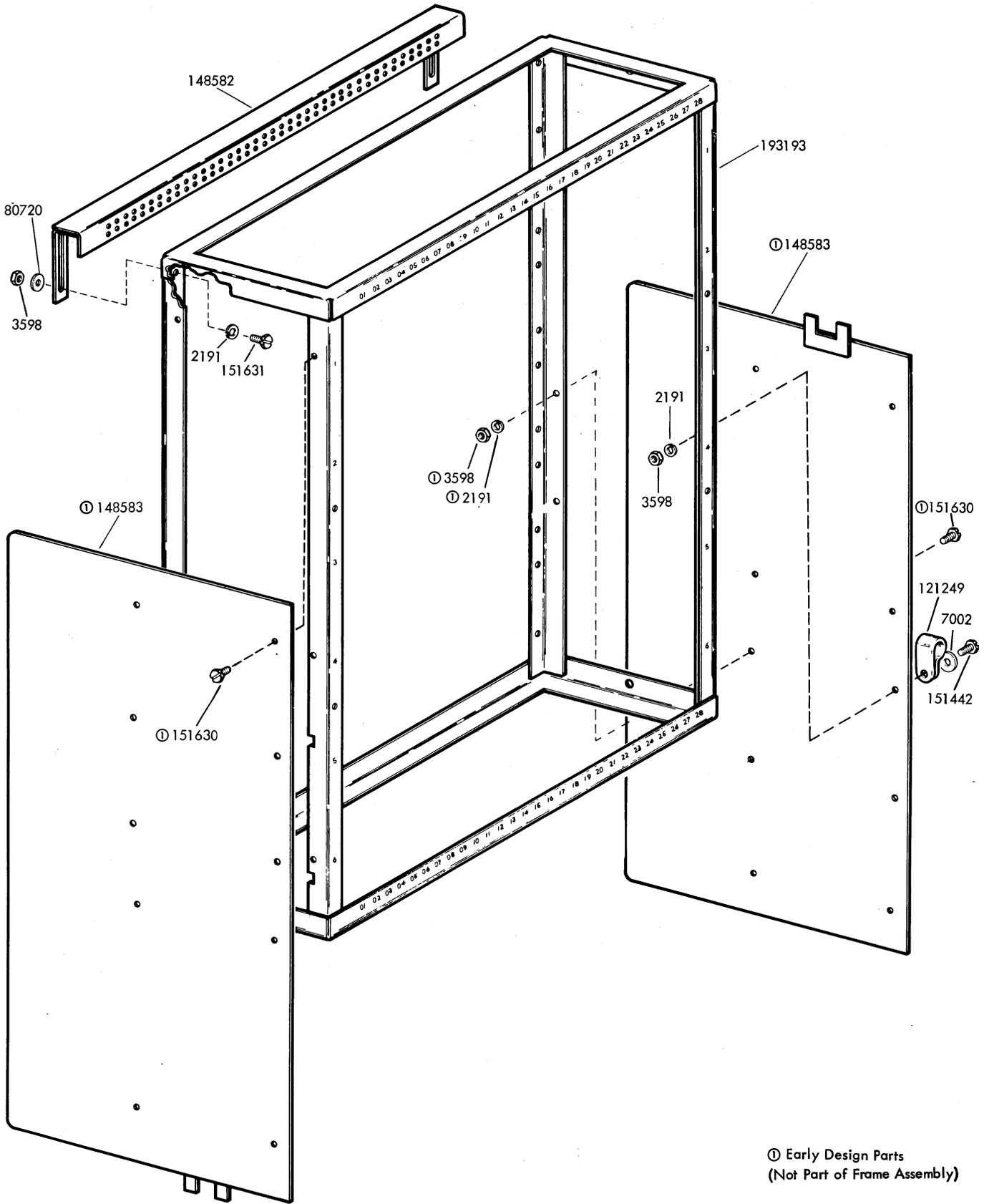


FIGURE 6. 148562 ELECTRICAL SERVICE PANEL ASSEMBLY



Ⓜ Early Design Parts
(Not Part of Frame Assembly)

FIGURE 7. 199786 FRAME ASSEMBLY

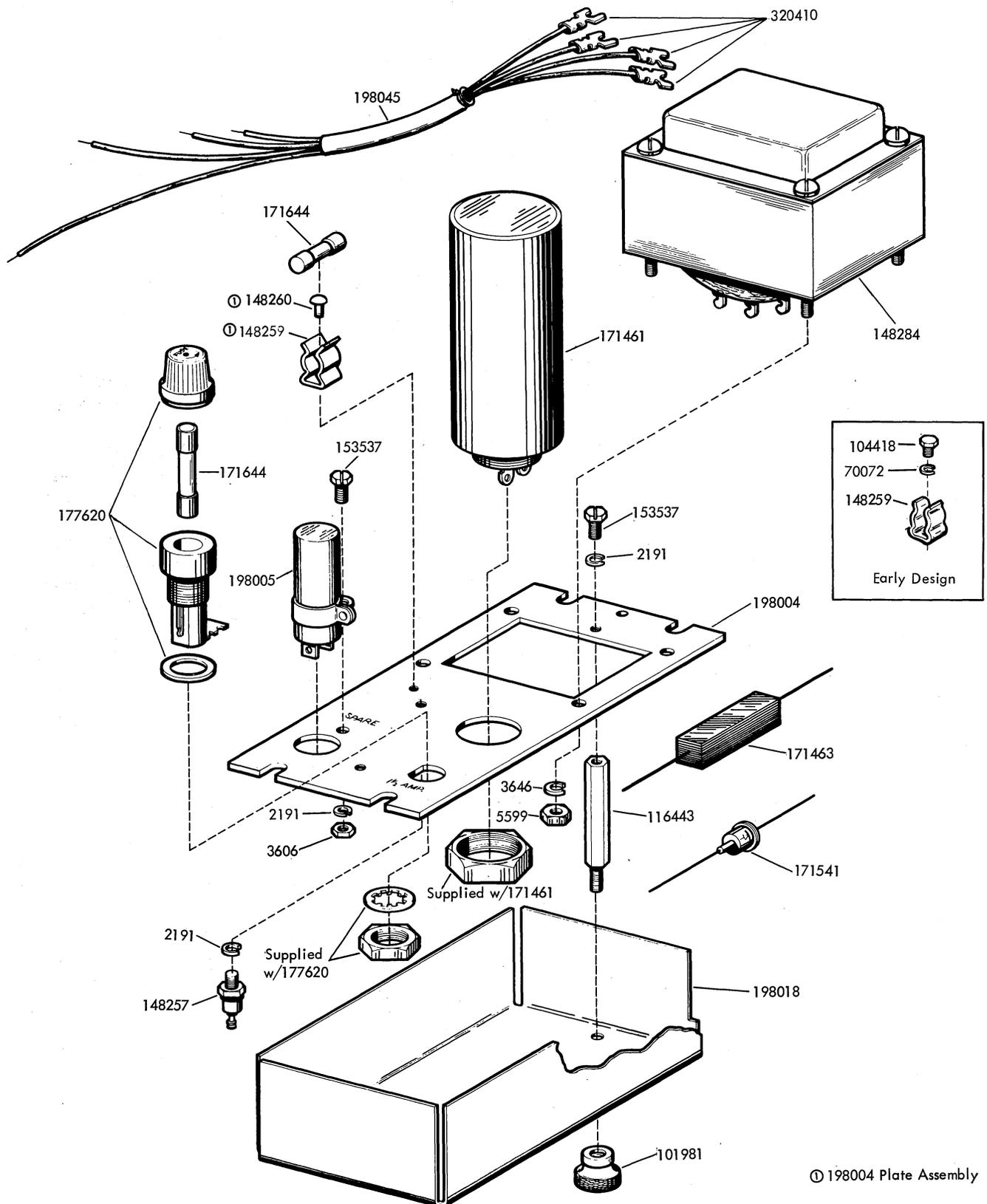
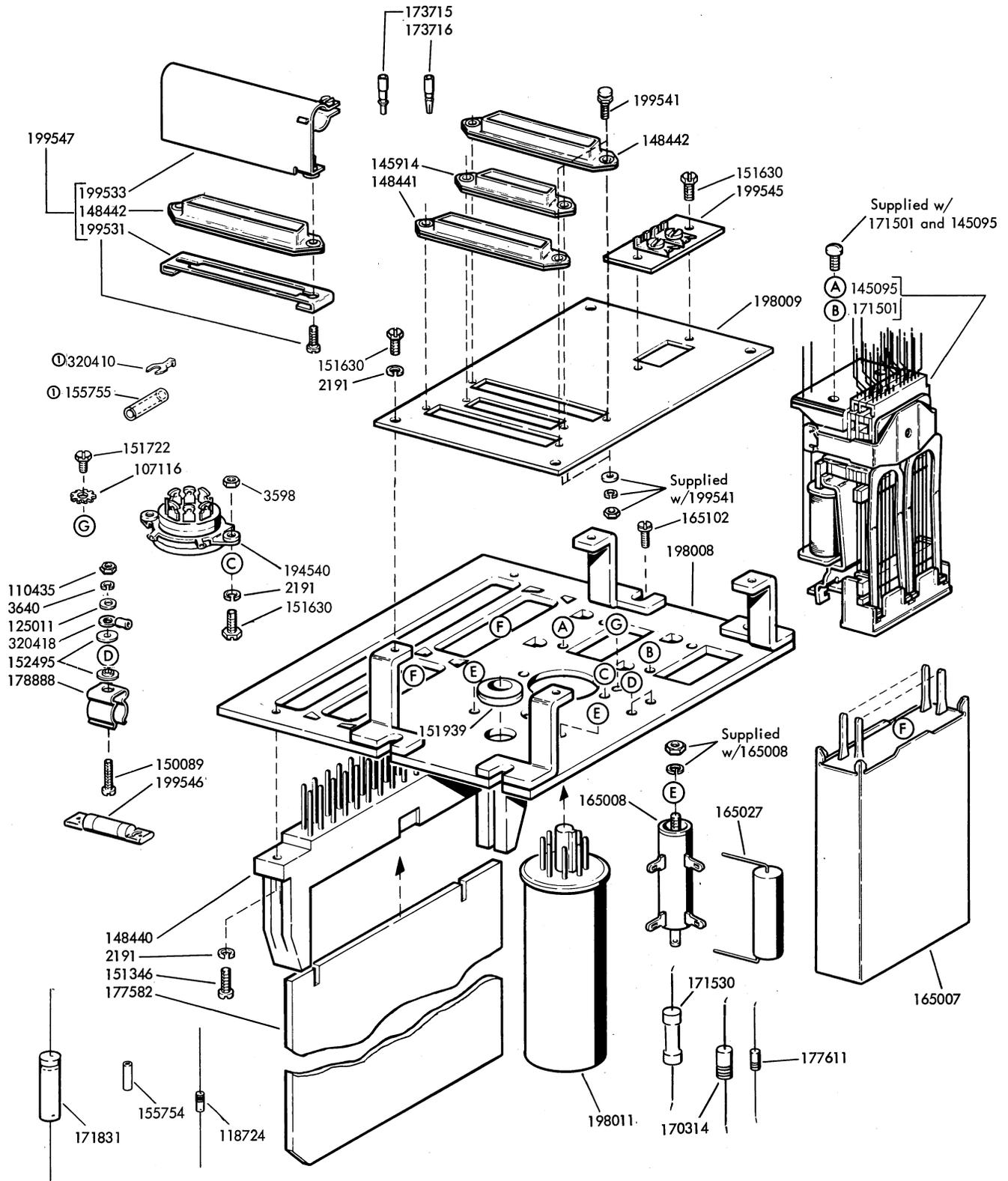
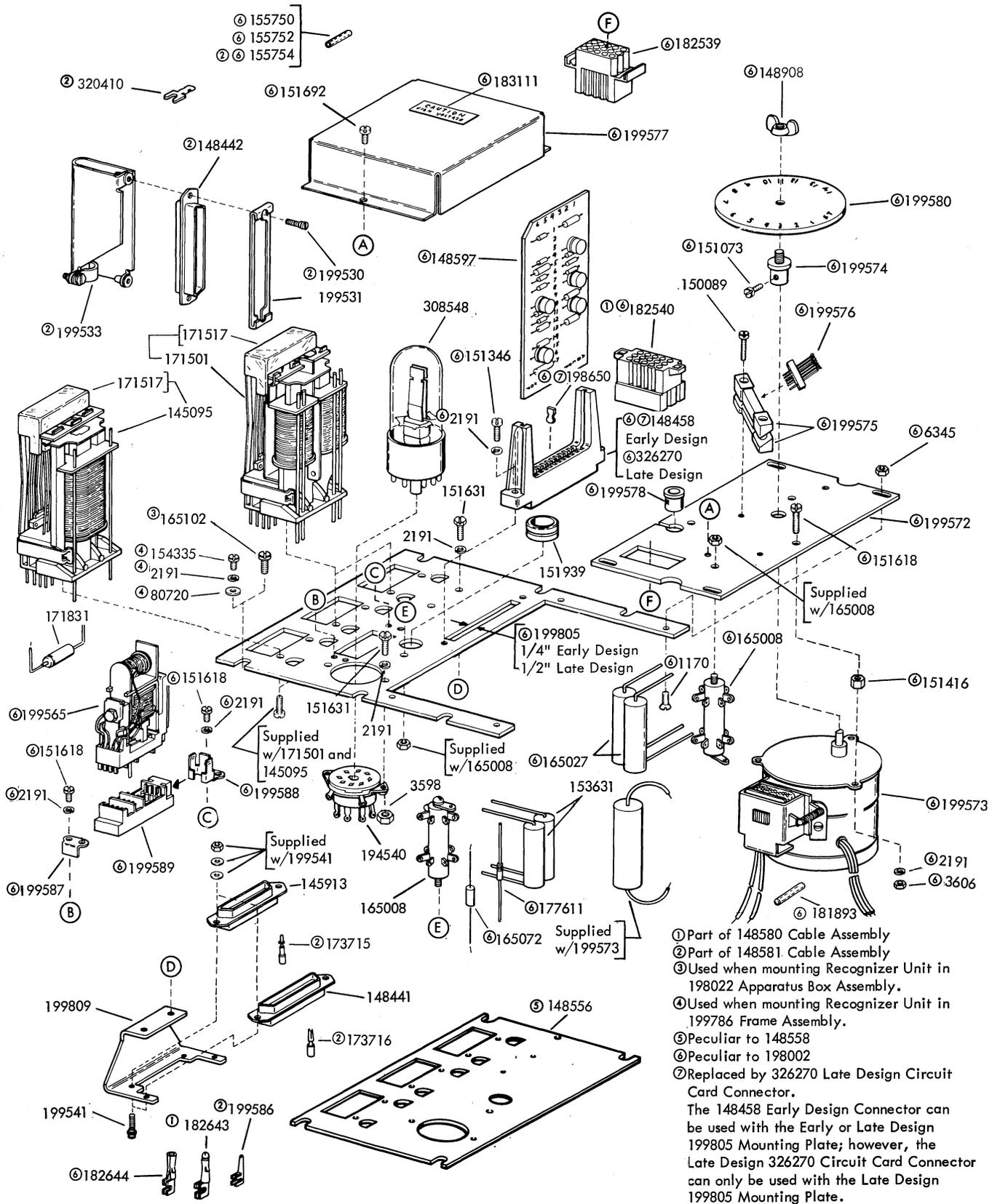


FIGURE 8. 198000 48V. POWER SUPPLY ASSEMBLY



Ⓢ 199535 Cable w/Terminals

FIGURE 9. 198001 TRANSMITTER CIRCUIT ASSEMBLY



① Part of 148580 Cable Assembly
 ② Part of 148581 Cable Assembly
 ③ Used when mounting Recognizer Unit in 198022 Apparatus Box Assembly.
 ④ Used when mounting Recognizer Unit in 199786 Frame Assembly.
 ⑤ Peculiar to 148558
 ⑥ Peculiar to 198002
 ⑦ Replaced by 326270 Late Design Circuit Card Connector.
 The 148458 Early Design Connector can be used with the Early or Late Design 199805 Mounting Plate; however, the Late Design 326270 Circuit Card Connector can only be used with the Late Design 199805 Mounting Plate.

FIGURE 10. 198002 RECOGNIZER UNIT WITH DISCRETE CALLING AND 148558 RECOGNIZER UNIT WITHOUT DISCRETE CALLING

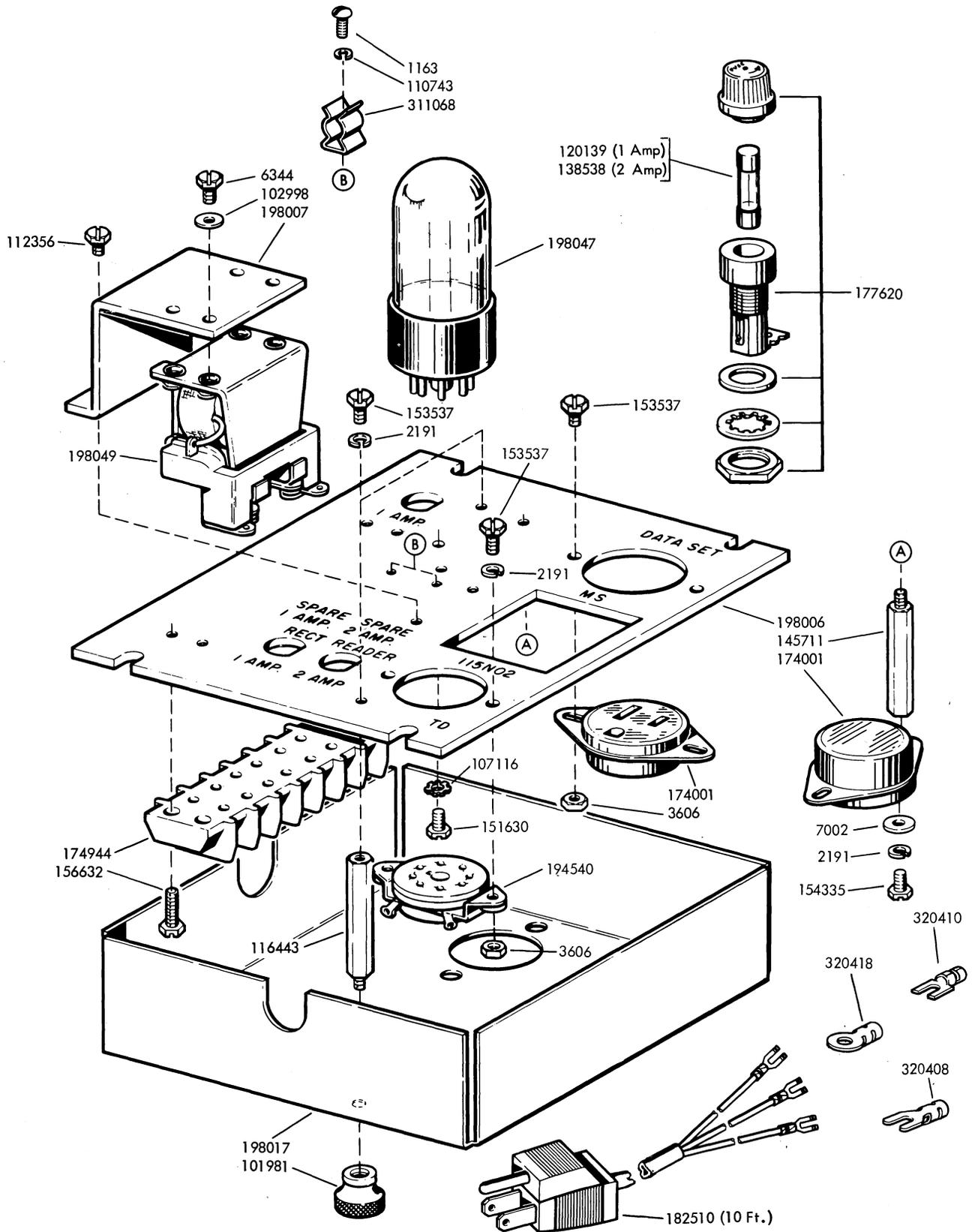


FIGURE 11. 198048 MOTOR CONTROL RELAY ASSEMBLY

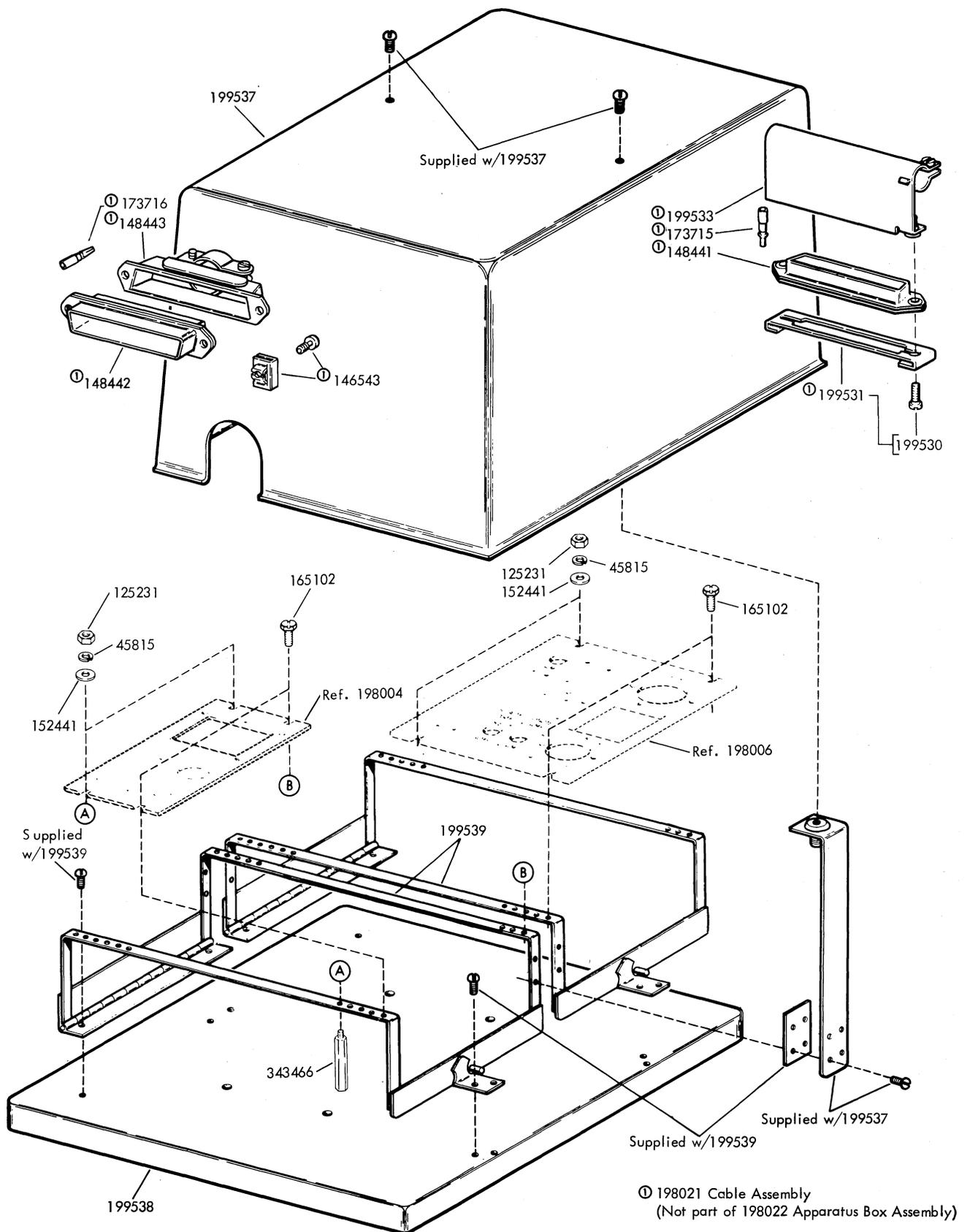


FIGURE 12. 198022 APPARATUS BOX ASSEMBLY

NUMERICAL INDEX

Part Number	Description and Page Number	Part Number	Description and Page Number	Part Number	Description and Page Number
1163	Screw, 4-40 x 3/16 Fil 12	119648	Ring, Retaining 4	146335	Bracket, Mounting 6
1170	Screw, 6-32 x 5/16 Flat 2, 11	119650	Ring, Retaining 5	146341	Bracket, Chad Depressor 4
1264	Screw, 10-32 x 1/2 Flat 4	119652	Ring, Retaining 5	146343	Arm w/Hub 4
1291	Screw, 6-32 x 3/4 Flat 2	119654	Ring, Retaining 5	146355	Plunger 5
2191	Lockwasher, 2, 4 to 12	120139	Fuse, 1 Amp 12	146513	Guide, Tape 4
2669	Lockwasher, 4,5,6	121245	Clamp, 5/16 ID Cable 5	146514	Guide, Tape 4
3438	Washer, Flat 4	121247	Clamp, 7/16 ID Cable 4	146518	Roller, Spring 4,5
3598	Nut, 6-40 Hex 4,6,8,10,11	121249	Clamp, 5/8 ID Cable 8	146531	Faceplate 3
3599	Nut, 4-40 Hex 5	124611	Screw, 8-32 x 3/8 Hex 4,6	146543	Screw Assembly 13
3606	Nut, 6-40 Hex 4,7,9,11,12	125011	Washer, Flat 10	146612	Spring, Compression 5
3640	Lockwasher 5,10	125231	Nut, 10-32 Hex 13	146619	Wire, Brake 5
3642	Washer, Flat 4,6	125802	Washer, Flat 2	146620	Post, Eccentric 5
3646	Lockwasher 4,5,6,9	128913	Screw, 8-32 Self-Tapping 3	146806	Adapter, Tape Reel 5
5017	Spring 5	138538	Fuse, SL-BL 2 Amp 12	148257	Terminal, Insulated 9
5599	Nut, 8-32 Hex 5,9	145095	Relay 10,11	148259	Clip, Fuse 9
6344	Screw, 6-32 x 11/32 Hex 12	145711	Stud 12	148260	Eyelet 9
6345	Nut, 6-32 Hex 2,4,11	145902**	Panel, Rear 2	148284	Transformer 9
7002	Washer, Flat 4,5,6,8,12	145903	Mount, Vibration 5	148440	Connector, 36 Pt Circuit Card 10
7825	Spring 5	145904	Hinge, Right 2	148441	Connector, 37 Pt Plug 3, 10,11,13
35551	Screw, 10-32 x 3/8 Flat 4	145905	Hinge, Left 2	148442	Connector, 37 Pt Receptacle 10,11,13
45026	Screw, 3-48 Shoulder 6	145909	Channel, Left 4	148443	Clamp, Cable 13
45815	Lockwasher 6,13	145910	Channel, Right 4	148458	Connector, 15 Pt Circuit Card 11
70072	Lockwasher 9	145912	Arm w/Posts 5	148556	Plate, Mounting 11
70073	Nut, 3-48 Hex 6	145913	Connector, 25 Pt Receptacle Type 11	148558	Recognizer 11
78044	Post, Spring 5	145914	Connector, 25 Pt Plug Type 10	148562	Panel Assembly 1,7
80720	Washer, Flat 8,11	145916**	Panel, Front 4	148564	Cable Assembly 3
82832	Lockwasher 4	145919	Brace, Left 4	148574	Cable w/Terminals 7
93191	Screw, 4-40 x 5/16 Flat 3	145920	Brace, Right 4	148580	Cable Assembly 11
98612	Screw, 4-40 Spl 3	145921	Frame, Inner 4	148581	Cable Assembly 11
98718	Washer, Flat 4,5	145922	Pan 6	148582	Rail 8
101981	Nut, 6-40 Thumb 9,12	145924**	Cover 3	148583	Plate 8
102998	Washer, Flat 12	145926	Plate w/Hub 5	148597	Card, Circuit 11
104418	Screw, 4-40 x 5/32 Hex 9	145928	Hub 5	148908	Nut, 10-32 Wing 11
107116	Lockwasher 5,7,10,12	145929	Cup, 4-1/2" ID 4	149726	Key 3
107364	Screw, 6-32 x 3/8 Fil 3	145930	Hub Assembly 5	149727**	Panel, Control 3
110191	Lockwasher 3,5	145931	Disc Assembly 5	149728	Plate, Switch 3
110435	Nut, 4-40 Hex 10	145933	Guide, Tape 5	149729	Stud 3
110743	Lockwasher 2,12	145934	Post 5	149740**	Door, Front 2
111017	Screw, 6-40 x 5/16 Fil 4, 6,7	145935	Arm w/Hub 5	149777**	Panel, Cover 3
112356	Screw, 6-40 x 7/32 Hex 12	145937	Shaft 5	149780**	Cabinet 2,4
112626	Nut, 10-32 Hex 4,5,6	145944	Bracket, Mounting 6	149792	Suppressor, Noise 7
116443	Post 9,12	145957	Stud 4	149907	Rack, Mounting 3
116783	Holder, Fuse 7	145968	Nut, No. 6 Speed 4	149908	Card, Identification 3
117366	Jumper, 8-1/2" Green 4,5	145976	Motor, 115V AC 5	150089	Screw, 4-40 x 1/2 Fil 10, 11
118724	Resistor, 220 Ohm 10	145982	Detent, Tape Reel 5		
119637**	Button, Plug 2	145983	Screw, No. 6 Self-Tapping 4		

**Refer to page 1 for finish suffix

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150966	Washer, Flat 4,6	156740	Screw, 6-40 x 7/32 Hex 6	174944	Block, Terminal 12
151073	Screw, 4-40 x 5/32 Fil 11	156768	Screw, 8-32 x 9/32 Hex 5	177582	Card, Circuit 10
151335	Stud 4,6,7	156805	Retainer 5	177611	Rectifier 10,11
151346	Screw, 6-40 x 3/8 Fil 10, 11	156806	Post 5	177620	Holder, Fuse 9,12
151411	Block, Terminal 7	158859	Post, Spring 4	178888	Clip 10
151412	Insulator, Terminal Block 7	160474	Stud, Eccentric 4	179495	Screw, 10-24 x 1/2 Hex 4
151415	Block, Terminal 4,6	160664	Pin, Roll 5	180595	Setscrew, 4-40 5
151416	Nut, 6-40 Hex 4,6,7,11	161552	Screw, 10-32 Spl 6	181893	Sleeve, 3/64 ID x 1/2" Lg Insulating 11
151418	Fuse, 10 Amp 7	161595	Connector, 36 Pt Receptacle 3,6	182510	Cord, Power 7,12
151442	Screw, 6-40 x 1/2 Hex 8	161708	Latch, Magnetic 2	182524	Button Assembly 3
151610	Washer, Flat 6	161711	Block, Guide 4	182530	Strip Assembly, Lamp 3
151618	Screw, 6-40 x 7/16 Fil 11	161716	Block, Support 4	182539	Connector, 15 Pt Receptacle Type 11
151630	Screw, 6-40 x 1/4 Hex 4, 6,7,8, 10,12	162725	Channel, Front 4	182540	Connector, 15 Pt Plug Type 11
151631	Screw, 6-40 x 5/16 Hex 4, 6,7,8,11	162958	Switch, Mercury 5	182643	Terminal, Plug Type 11
151632	Screw, 6-40 x 3/8 Hex 5,6	165007	Relay 10	182644	Terminal, Receptacle Type 11
151686	Screw, 4-40 x 3/8 Fil 5	165008	Turret, Terminal 10,11	182684	Strap 3
151687	Screw, 4-40 x 7/16 Fil 2	165027	Network, Spark Suppression 10,11	183111	Label 11
151692	Screw, 6-40 x 3/16 Fil 11	165072	Resistor, 9,100 Ohm 11	183119	Resistor, 470 Ohm 3
151722	Screw, 6-40 x 3/16 Hex 10	165102	Screw, 12-24 x 3/8 Rd 10, 11,13	193193	Frame 8
151827	Strap, Terminal 7	165330	Resistor, 1,000 Ohm 3	194540	Socket, 8 Pt 10,11,12
151898	Spring 4	170314	Resistor, 3,900 Ohm 10	198000	Supply Assembly, Power 1,9
151939	Grommet, Rubber 7,10,11	170863	Mount, Vibration 6	198001	Circuit Assembly, Transmitter 1,10
152441	Washer, Flat 13	171201	Rail, Left 6	198002	Recognizer 1,11
152495	Bushing 10	171203	Rail, Right 6	198004	Plate 9,13
153103	Screw, 4-40 Self-Tapping 3	171204	Bracket 6	198005	Resistor, 750 Ohm 9
153337	Bushing 12	171205	Bracket, Connector Mounting 6	198006	Plate 12,13
153537	Screw, 6-40 x 9/32 Hex 5, 9,12	171461	Capacitor, 900 MFD 9	198007	Bracket 12
153631	Network, Spark Suppression 11	171463	Resistor, 1 Ohm 9	198008	Plate w/Brackets 10
153819	Lockwasher 6	171501	Relay 10,11	198009	Plate, Connector 10
154335	Screw, 6-40 x 9/32 Fil 11, 12	171517	Cover, Dust 11	198011	Relay, Reed Switch 10
155750	Sleeve, 3/32 ID x 1/2" Lg Insulating 3,11	171530	Resistor, 2,000 Ohm 10	198017	Cover 12
155752	Sleeve, 5/64 ID x 1/2" Lg Insulating 11	171541	Diode 9	198018	Cover 9
155753	Sleeve, 1/8 ID x 1/2" Lg Insulating 3	171644	Fuse, 1.5 Amp 9	198021	Cable Assembly 13
155754	Sleeve, 1/16 ID x 1/2" Lg Insulating 10,11	171705	Guard, Gear 6	198022	Box Assembly 1,11,13
155755	Sleeve, 11/64 x 5/8" Lg Insulating 10	171831	Capacitor, 10 MFD 10,11	198045	Cable w/Terminals 9
156632	Screw, 6-40 x 12/32 Hex 12	172715	Screw, 10-24 Captive 2	198047	Relay, Time Delay 12
		172763	Nut, Grip 2	198048	Relay Assembly, Motor Control 1,12
		173116	Pin 4	198049	Relay, Magnet 12
		173715	Terminal, Plug Type 3,10, 11,13	198650	Key, Polarizing 11
		173716	Terminal, Receptacle Type 10,11,13	199530	Screw, 4-40 Shoulder 3,11, 13
		174001	Connector, 3 Pt Receptacle 7,12		
		174678	Nut, Speed 3		

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199531	Lock Assembly, Sliding 3, 10,11,13	199574	Hub 11	308495	Lens, White 3
199533	Clamp, Cable 3,10,11,13	199575	Holder, Brush 11	308548	Relay 11
199535	Cable w/Terminals 10	199576	Brush, Contact 11	309899	Network, Spark Suppressio
199537	Cover w/Brackets 13	199577	Cover 11	311068	Clip 12
199538	Backboard 13	199578	Bushing, Snap 11	311288	Nameplate 3
199539	Frame 13	199580	Disc, Coding 11	320408	Terminal, Spade Type 12
199541	Post, Sliding Lock 10,11	199586	Terminal, Taper Pin 11	320410	Terminal, Spade Type 2,3, 7,9,10,11,12
199542	Cord w/Plug and Terminals 2	199587	Bracket, Top Relay 11	320418	Terminal, Ring Type 10,12
199543	Cord w/Plug and Terminal 2	199588	Bracket, Bottom Relay 11	320420	Terminal, Ring Type 4,5
199545	Strip, 2 Pt Terminal 10	199589	Receptacle, Relay 11	323931	Clip, Spring 5
199546	Resistor, 50,000 Ohm 10	199786	Frame Assembly 1,8,11	325972	Insulator 7
199547	Plug Assembly 10	199804	Bracket, Mounting 7	326270	Connector, 15 Pt Circuit Card 11
199549	Lamp, 48V 3	199805	Plate, Mounting 11	328136	Plate, Tape Routing 4
199565	Relay 11	199809	Bracket, Connector 11	333588	Lamp, 28V Miniature 3
199572	Plate, Mounting 11	199901	Reel, Tape 5	336179	Collar 5
199573	Motor w/Capacitor, 117V AC Synchronous 11	305056	Plate, Identification 4	343466	Post 13
		308493	Switch, Pushbutton 3		