

DATASPEED TYPE 5
TAPE RECEIVER CABINET (AC) AND ELECTRICAL COMPONENTS
PARTS

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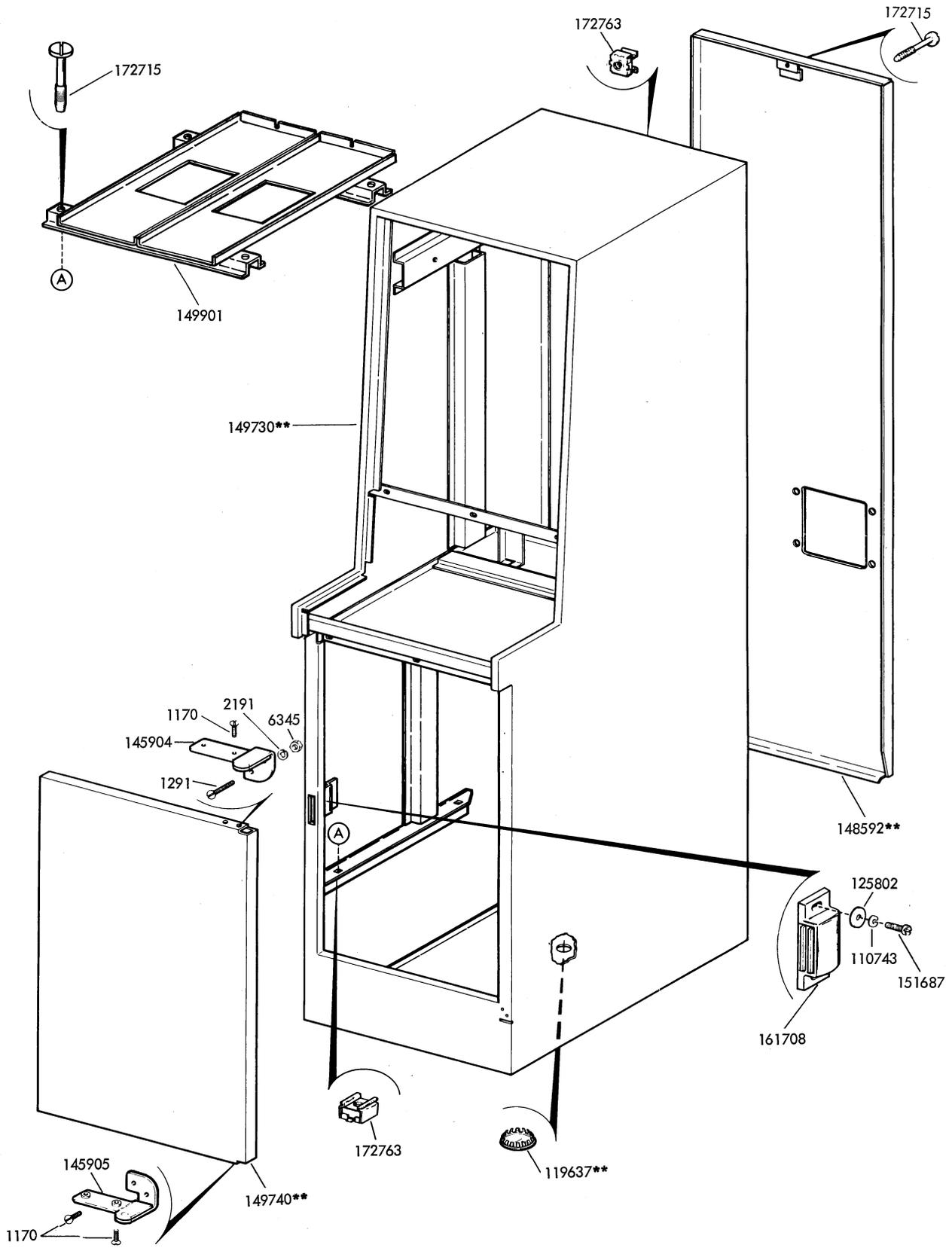
PAINT FINISH COLOR CODE CHART		
COLOR	Finish Suffixes	
	Textured Vinyl	Smooth Vinyl
Green Gray Light Gray Olive Gray	GA(45)	HB(68) HF(46)
The double asterisk(**) denotes a painted part. Suffix to be applied following the part number. Number in parentheses indicates Bell System Code.		

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

TELETYPE TO BELL SYSTEM CODE CROSS REFERENCE CHART		
Unit Description	Teletype Code	Bell System Code
Receiving Cabinet	AC356**	5B**
Frame	148570	5B
Driver Module	199540	5B

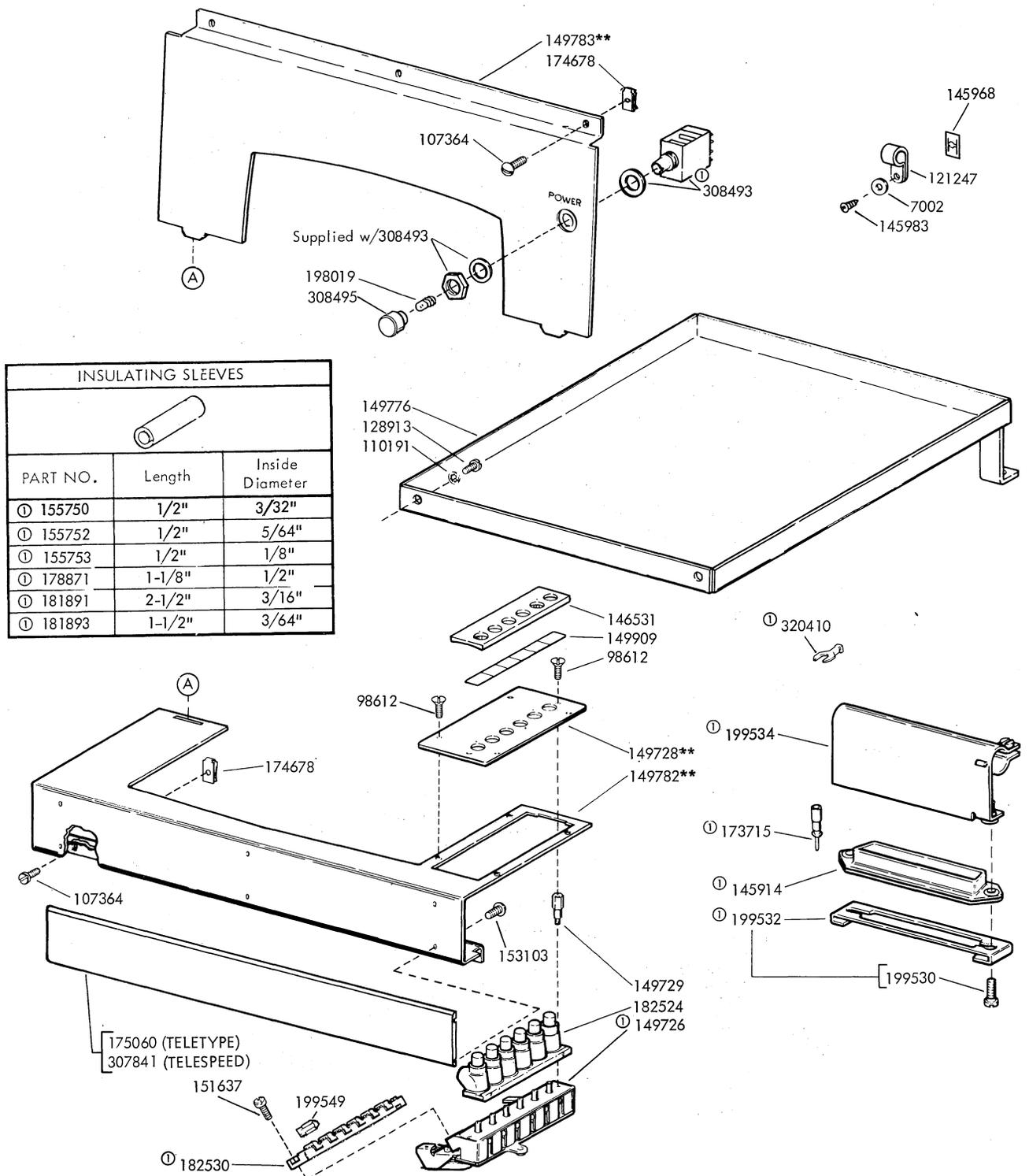
The part identification information contained in the following change notices have been incorporated in this issue.
TCN'S #1314, #1400, #1629, #1636

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



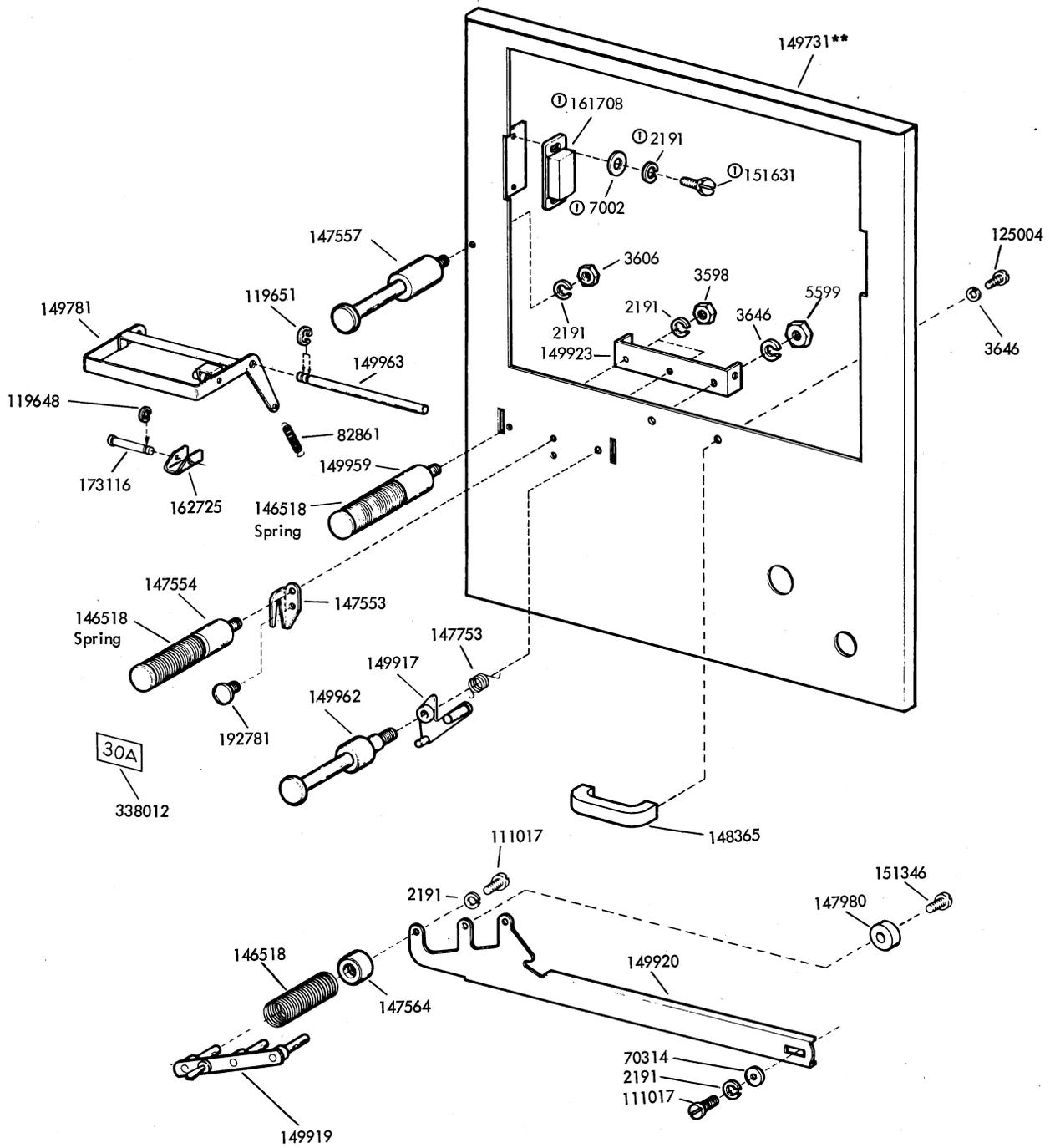
**Refer to page 1 for finish suffix

FIGURE 1. CABINET



**Refer to page 1 for finish suffix
 ① 148563 Cable Assembly

FIGURE 2. CABINET (CONTINUED)



**Refer to page 1 for finish suffix
 Ⓞ Early Design Parts used w/ Early and Intermediate Design Covers

FIGURE 3. FRONT PANEL

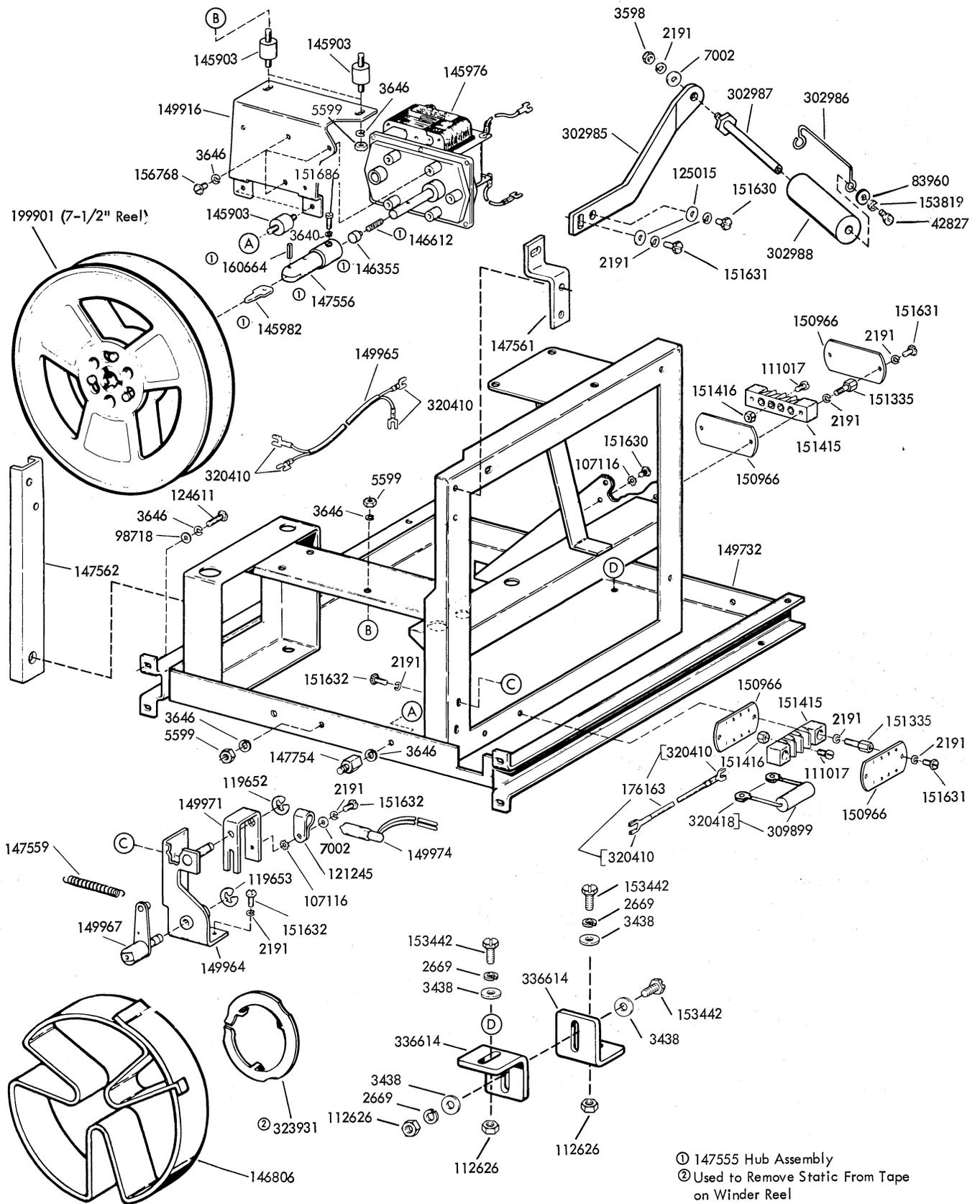


FIGURE 4. INNER FRAME AND TAPE WINDER

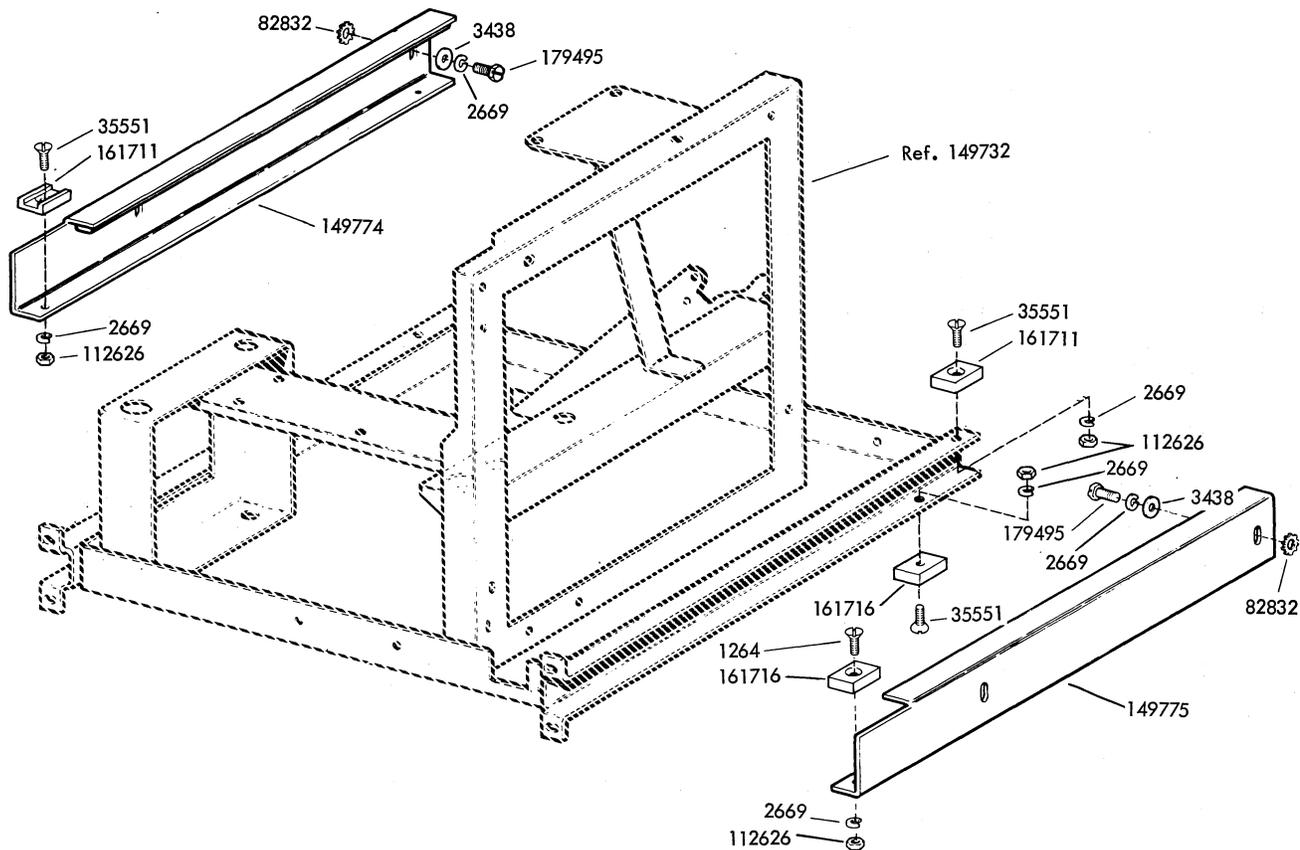


FIGURE 5. RIGHT AND LEFT CHANNELS

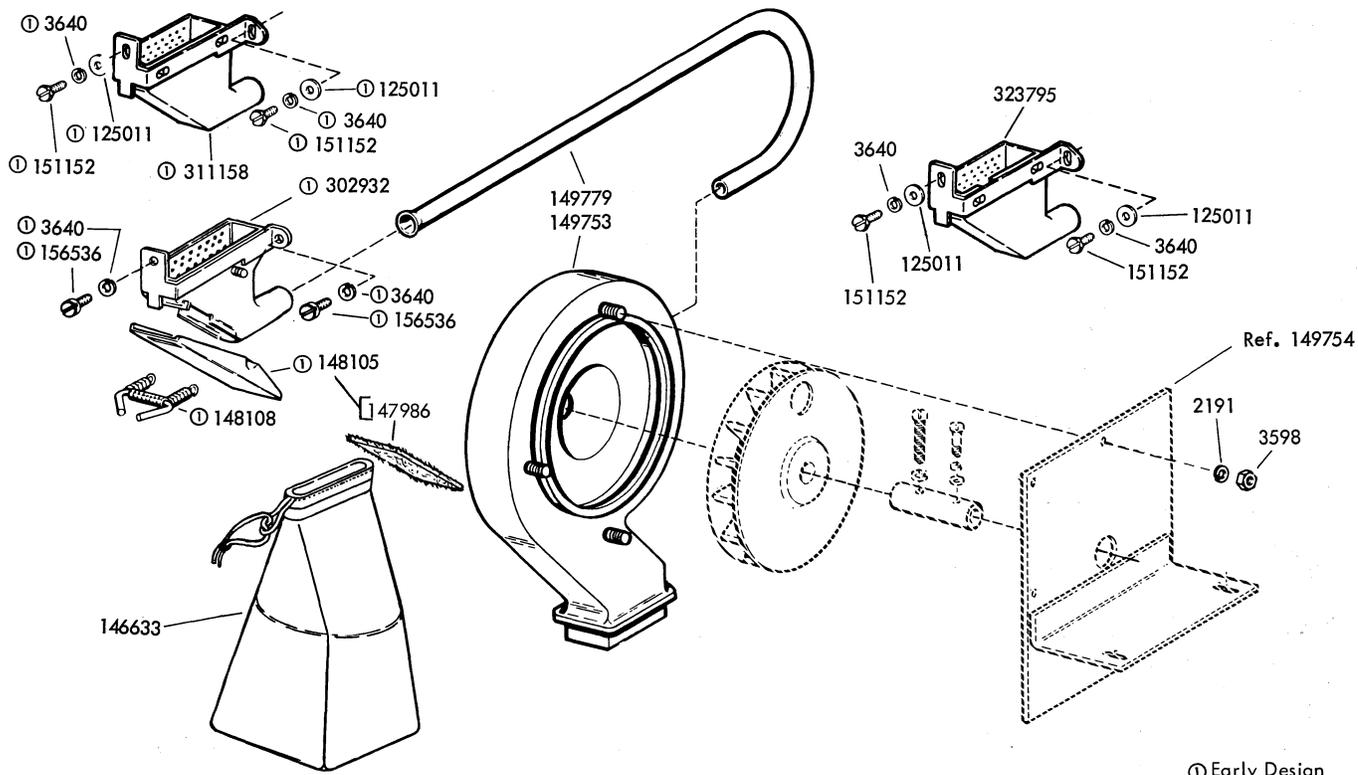


FIGURE 6. CHAD DISPOSAL

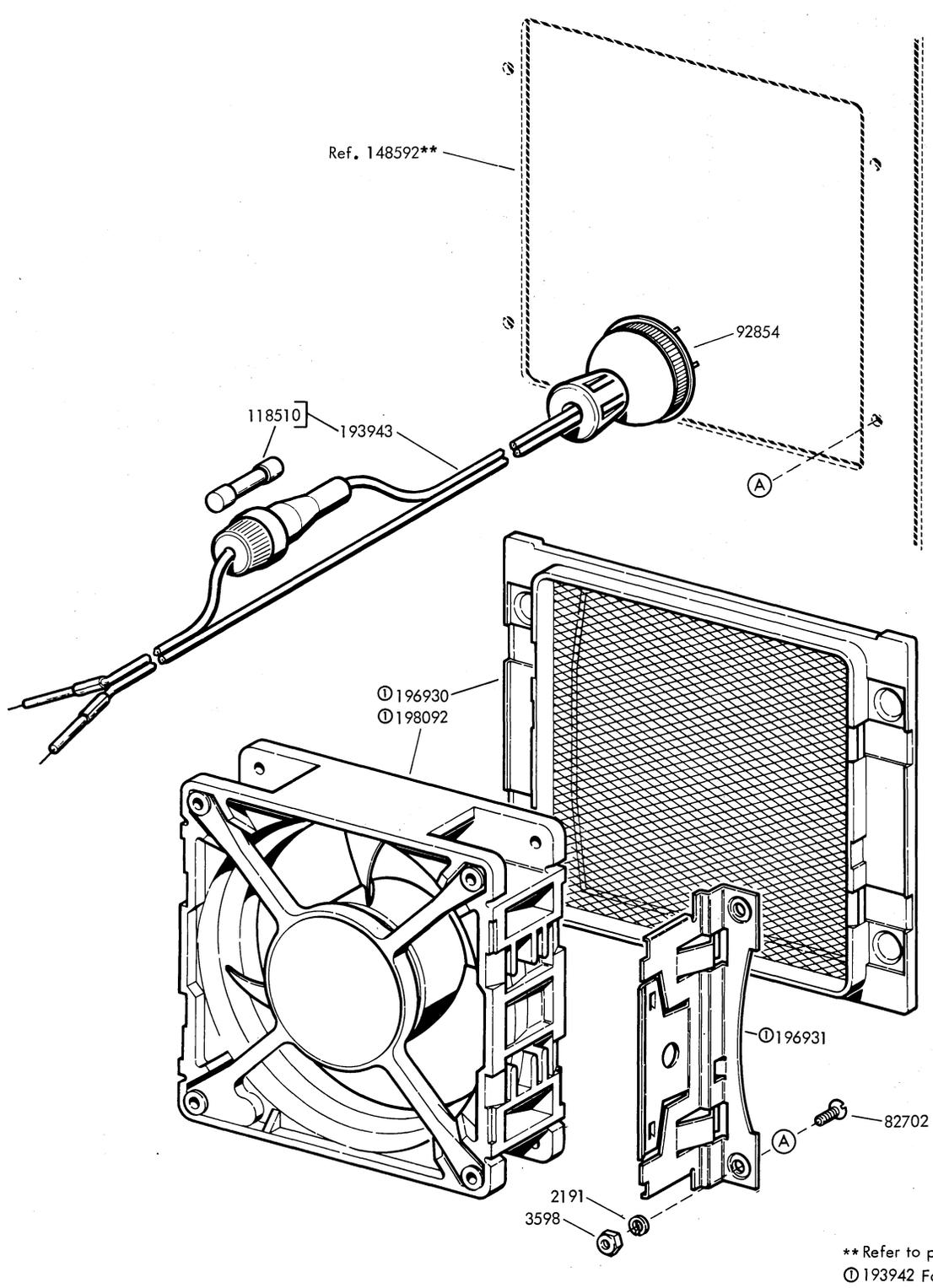


FIGURE 7. FAN AND POWER CORD

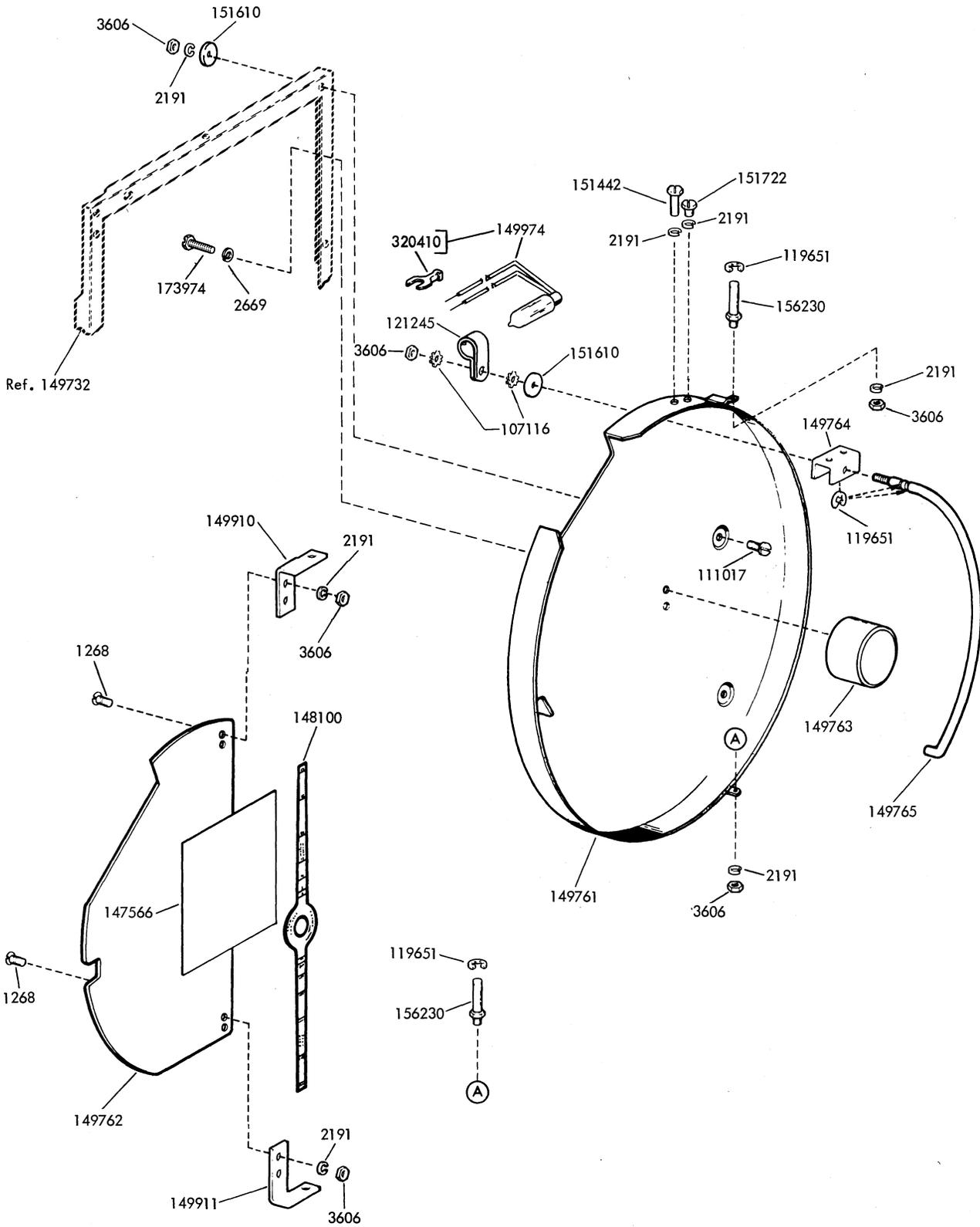


FIGURE 8. TAPE CONTAINER (Early Design)

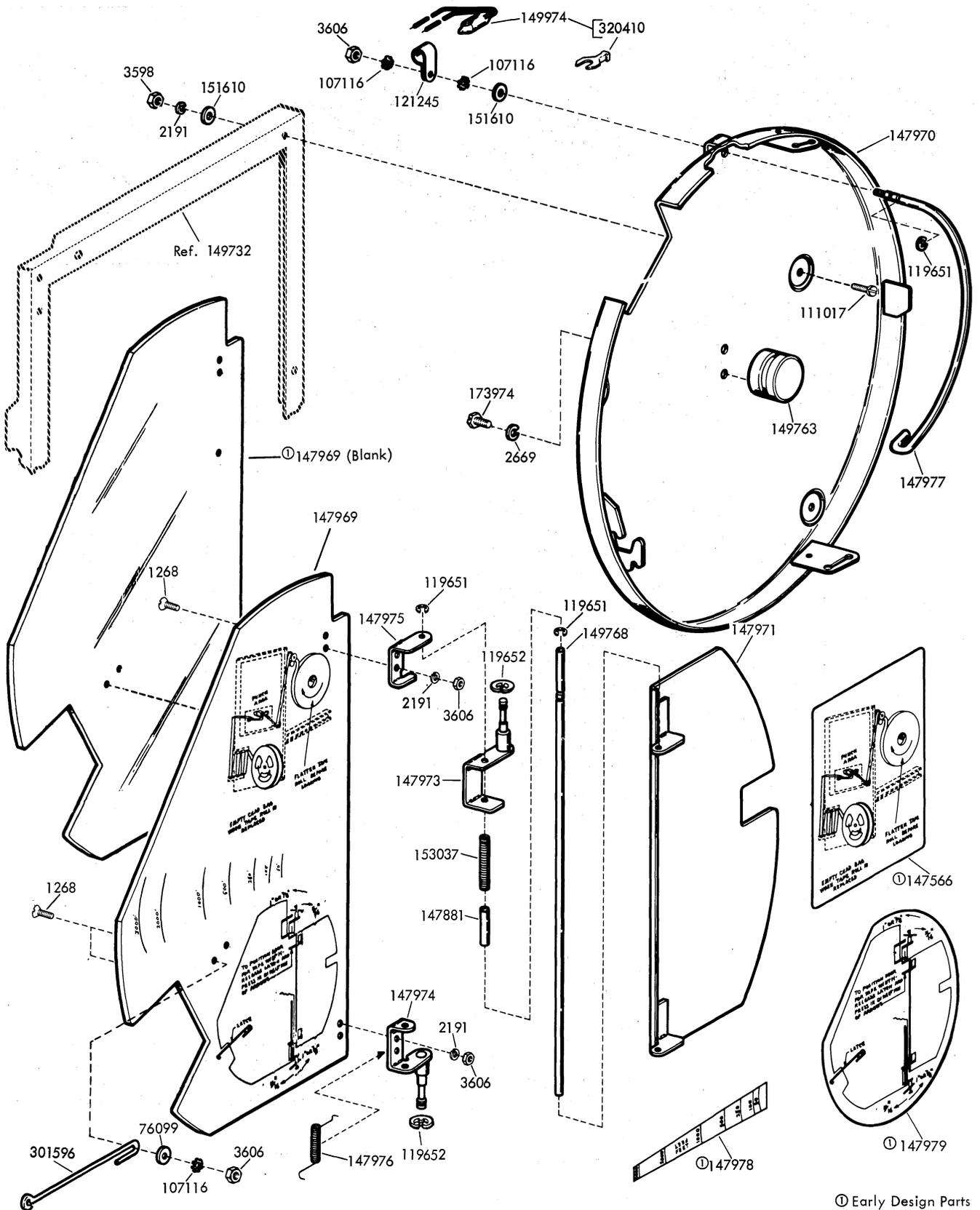


FIGURE 9. TAPE CONTAINER (Latest Design)

① Early Design Parts

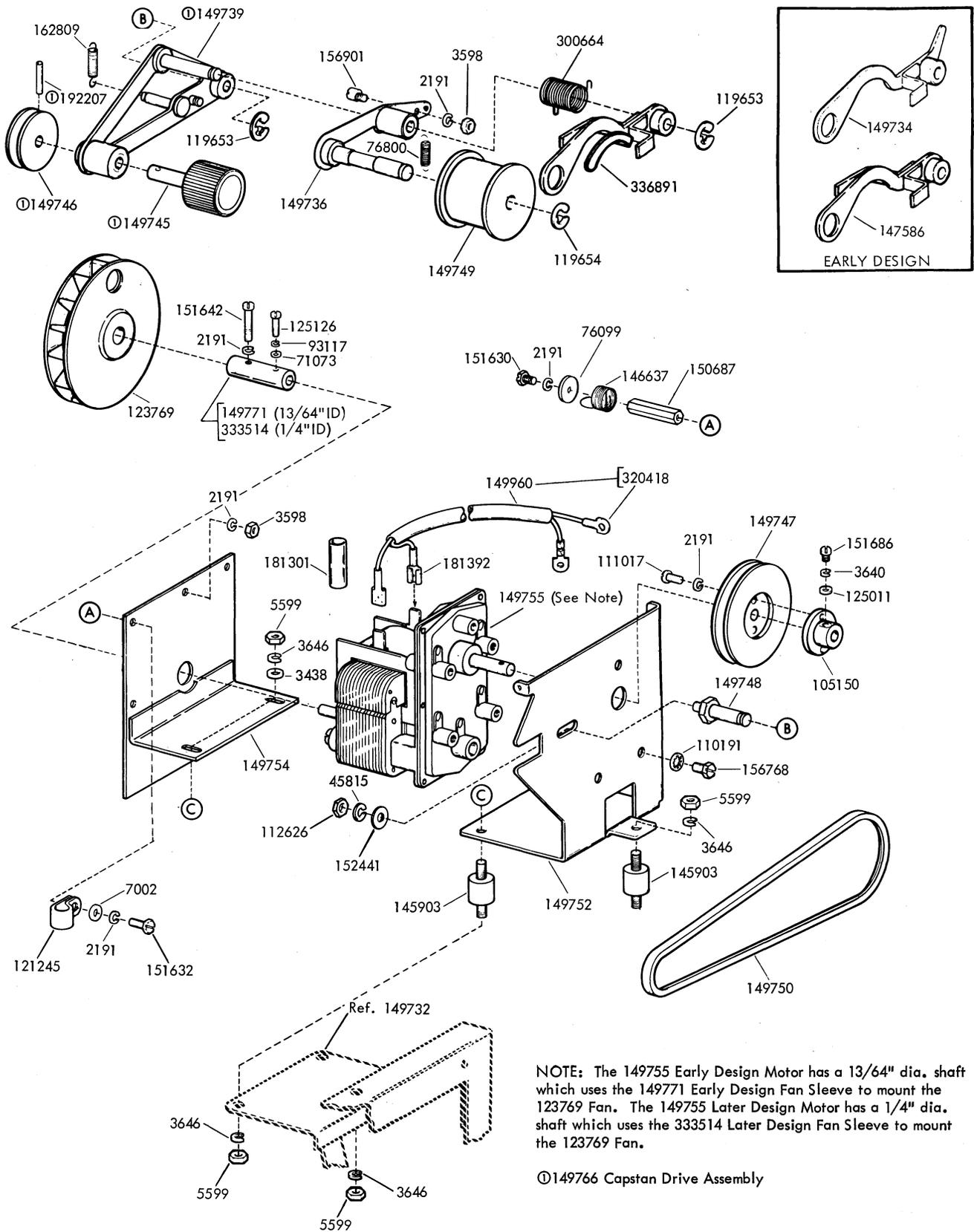


FIGURE 10. TAPE PULLER MECHANISM

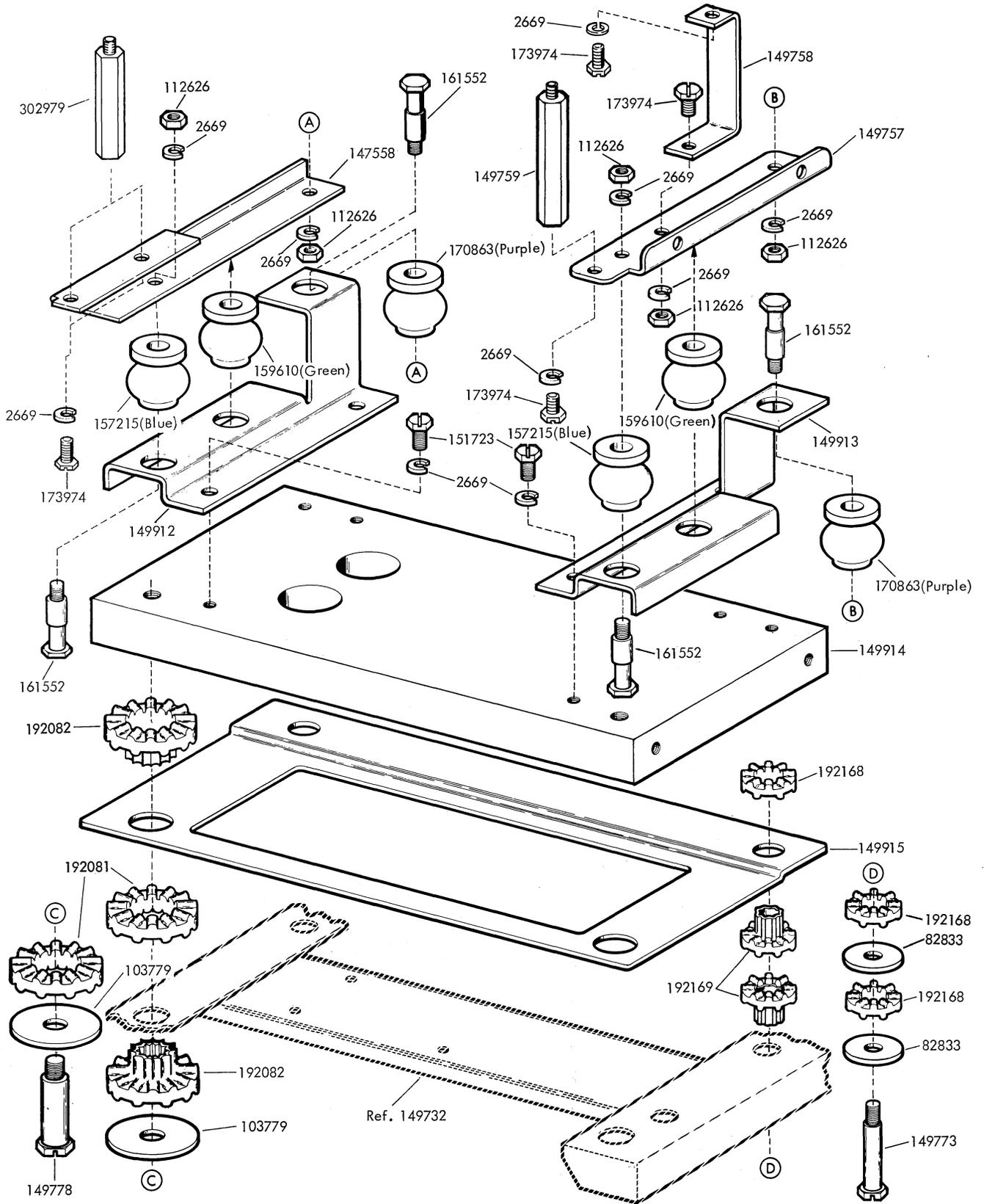


FIGURE 11. PUNCH MOUNTING PARTS

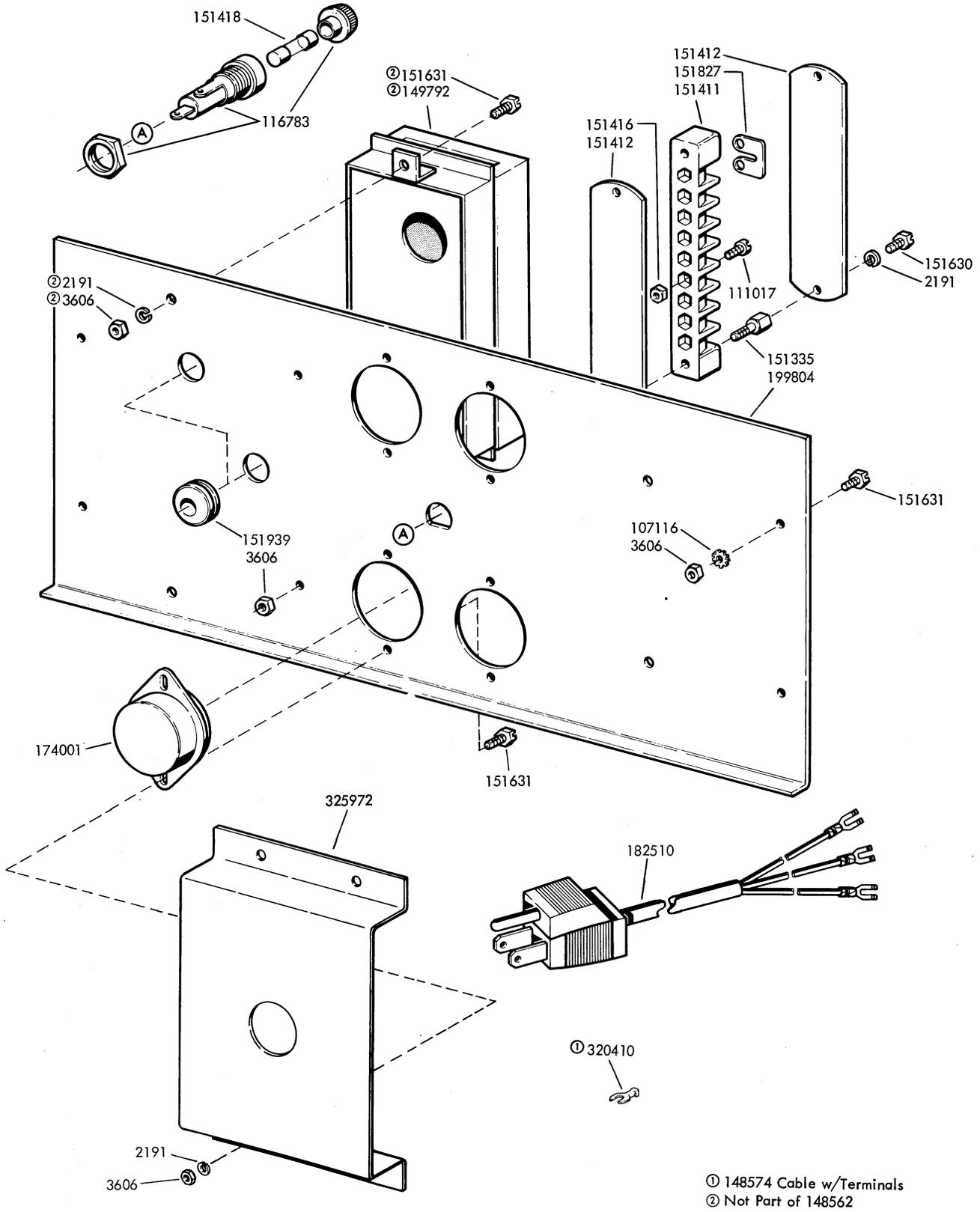
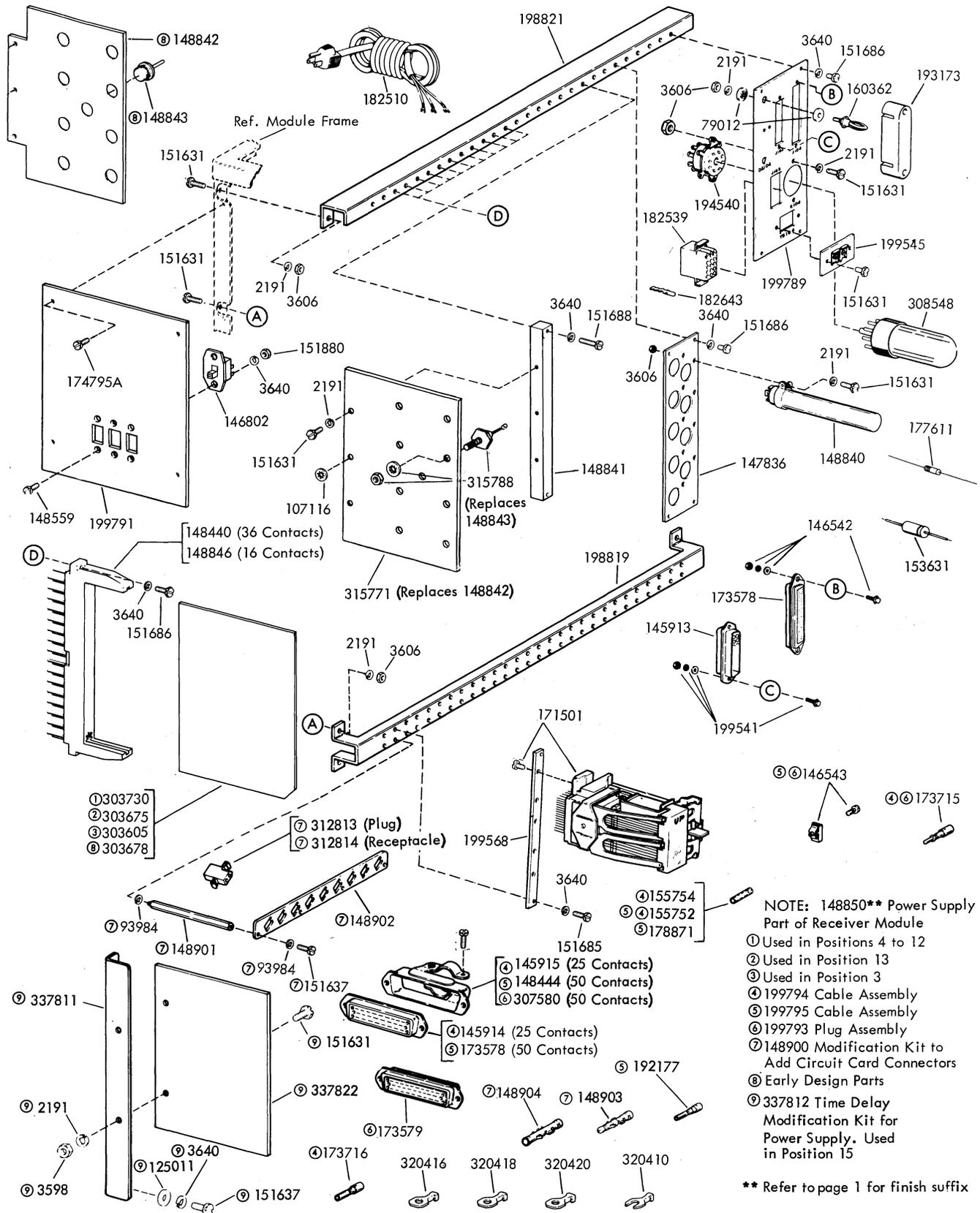


FIGURE 12. 148562 ELECTRICAL SERVICE PANEL ASSEMBLY



NOTE: 148850** Power Supply Part of Receiver Module

- ① Used in Positions 4 to 12
- ② Used in Position 13
- ③ Used in Position 3
- ④ 199794 Cable Assembly
- ⑤ 199795 Cable Assembly
- ⑥ 199793 Plug Assembly
- ⑦ 148900 Modification Kit to Add Circuit Card Connectors
- ⑧ Early Design Parts
- ⑨ 337812 Time Delay Modification Kit for Power Supply. Used in Position 15

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FIGURE 14. 199540** RECEIVER MODULE

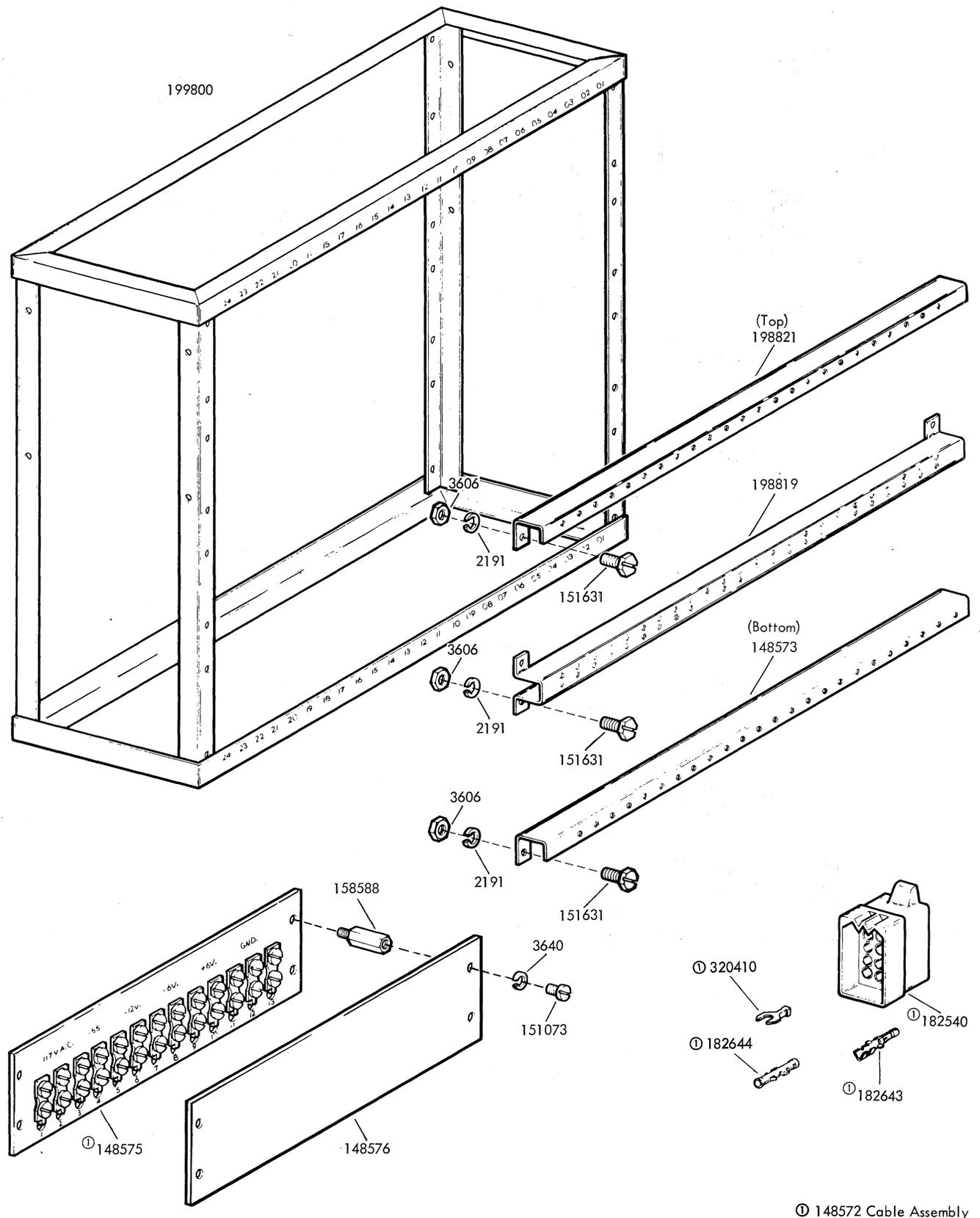
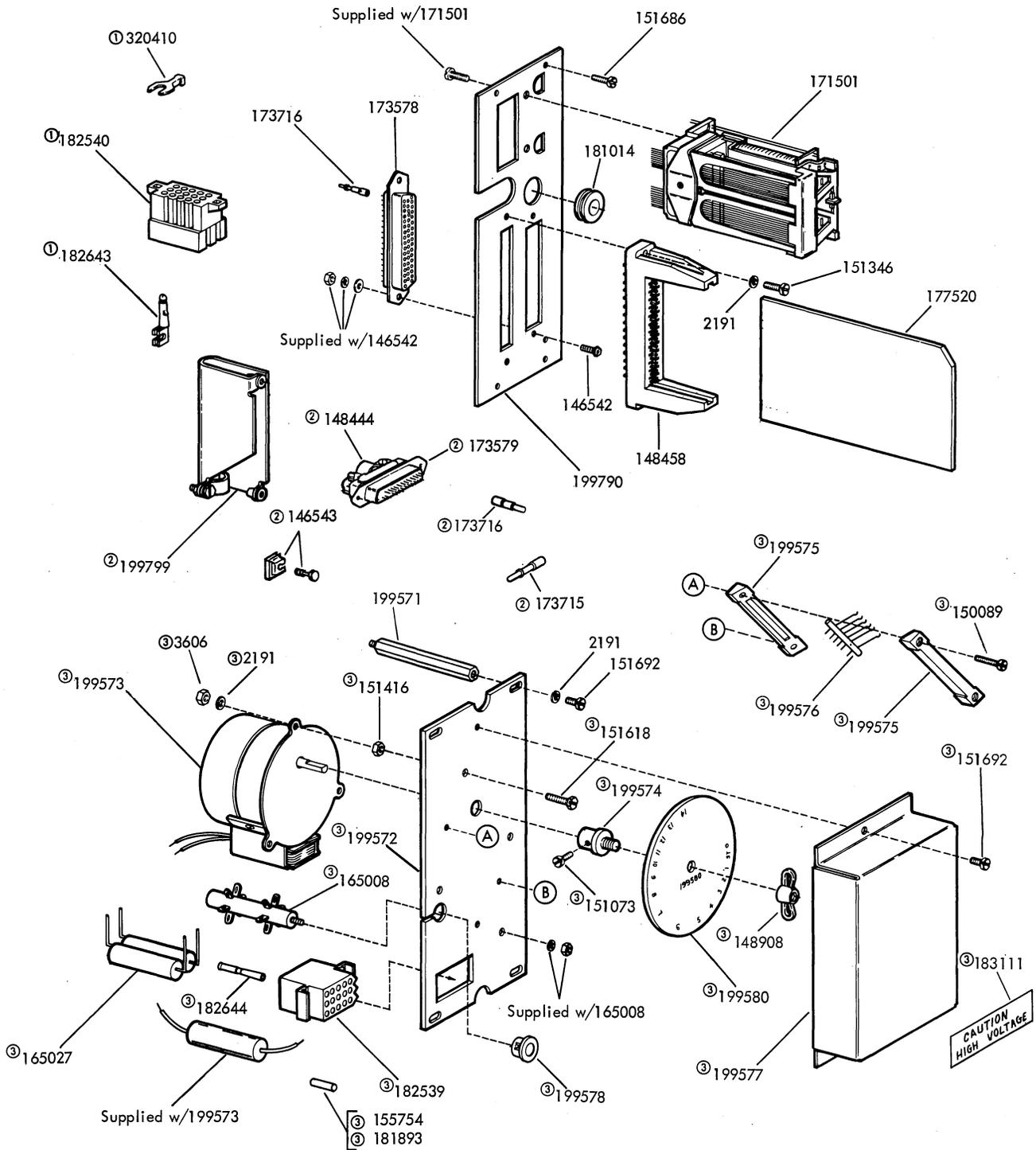


FIGURE 15. 148570 FRAME ASSEMBLY



- ① 148577 Cable Assembly
- ② 148578 Cable Assembly
- ③ 199570 Signal Generator Assembly

FIGURE 16. 199784 RECEIVING STATION IDENTIFIER ASSEMBLY

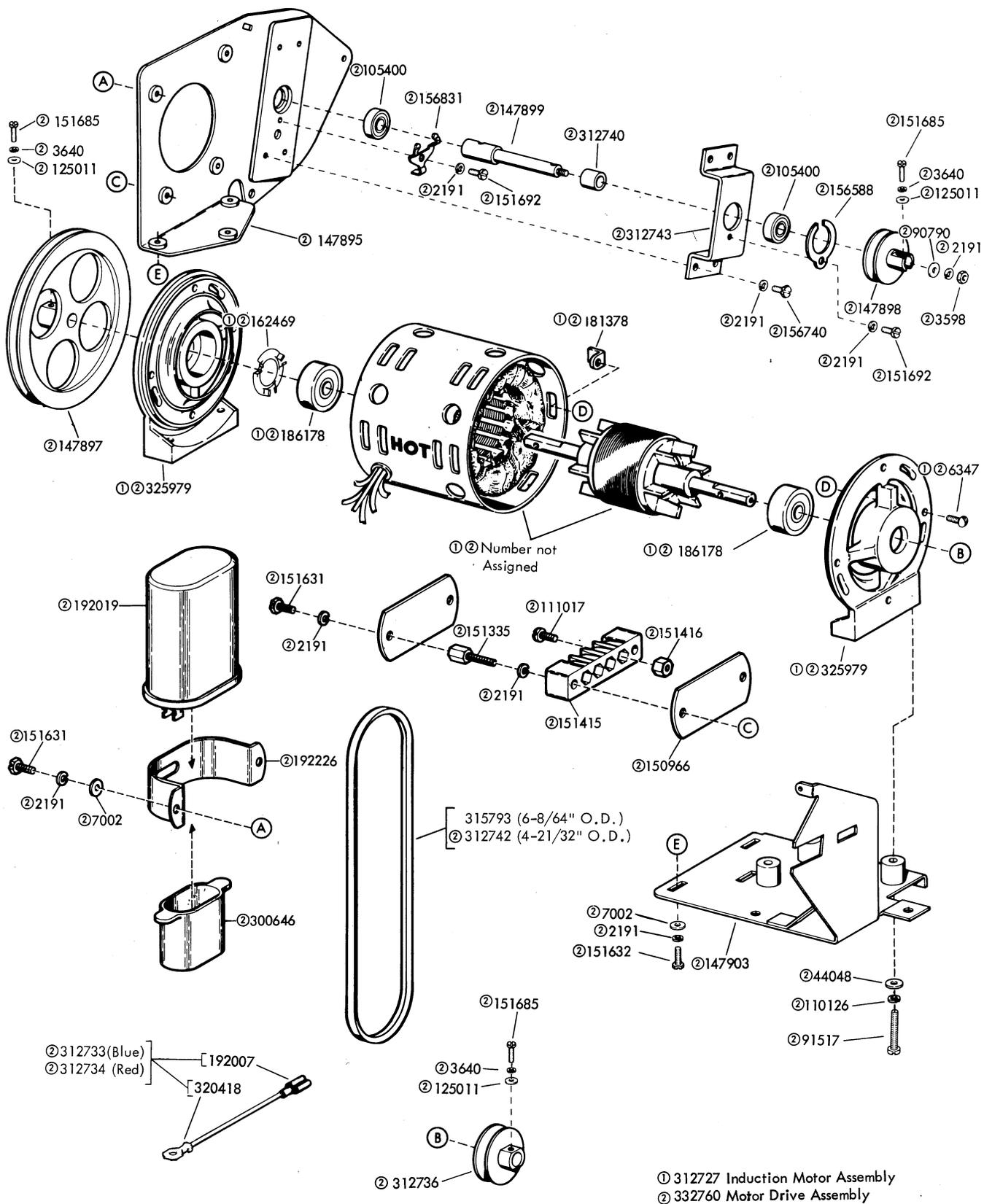


FIGURE 18. 320297 MODIFICATION KIT TO ADD HIGH SPEED CHAD DISPOSAL AND TAPE PULLER

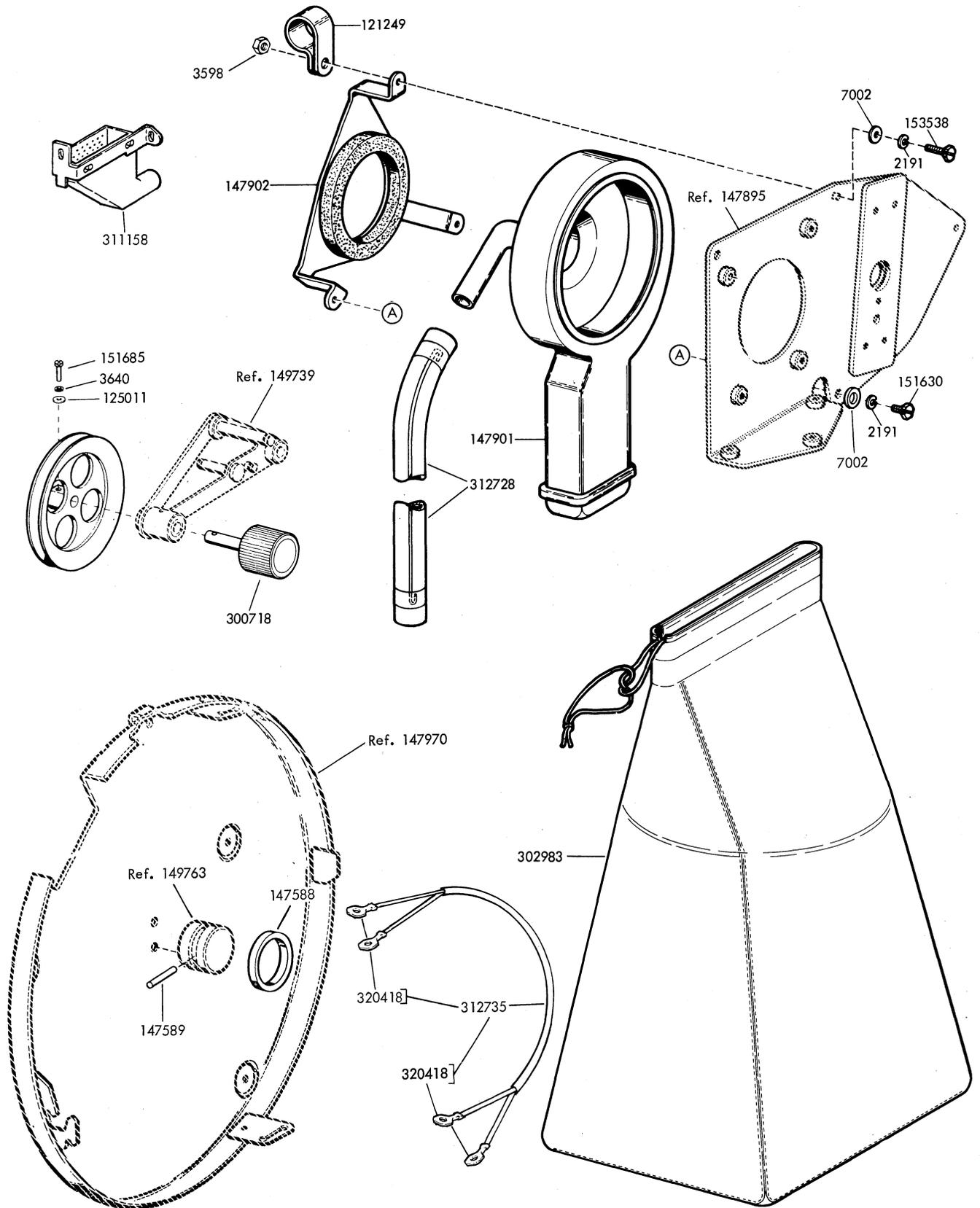


FIGURE 19. 320297 MODIFICATION KIT TO ADD HIGH SPEED CHAD DISPOSAL AND TAPE PULLER (CONTINUED)

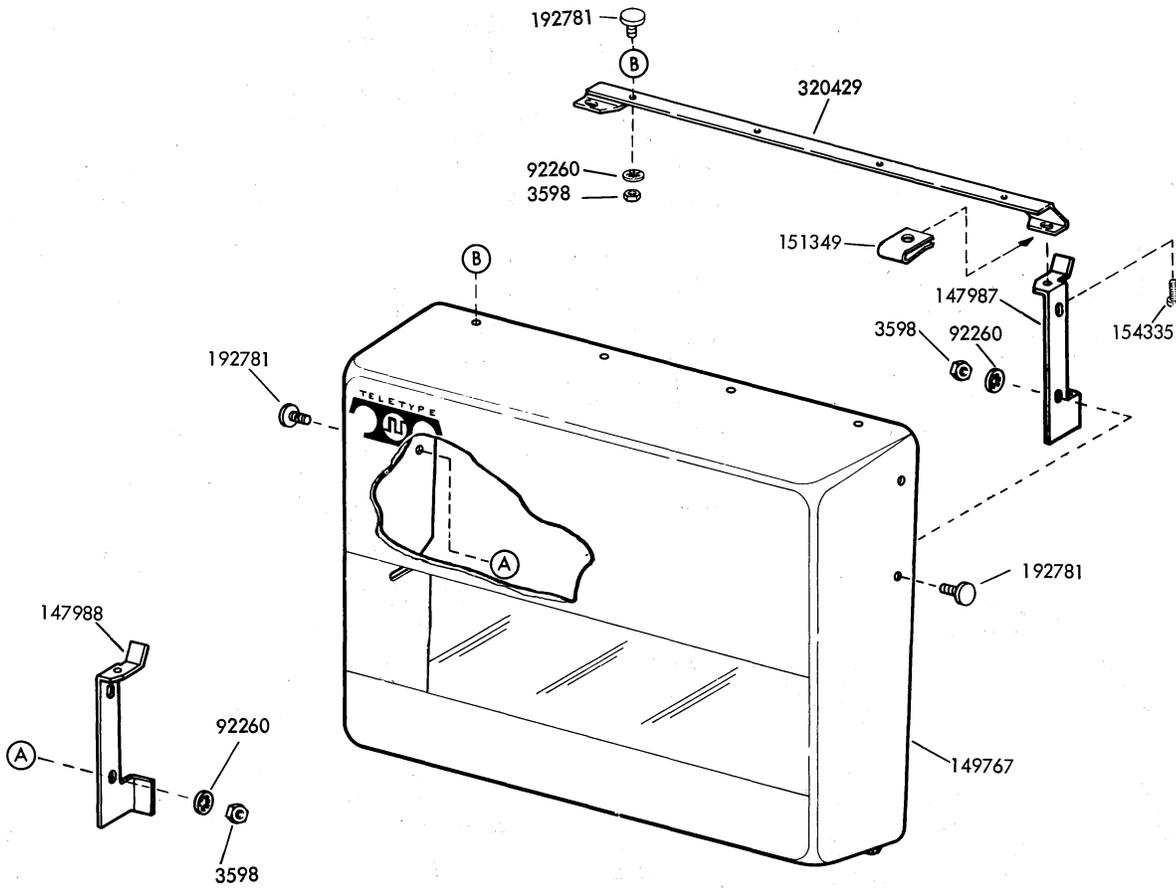
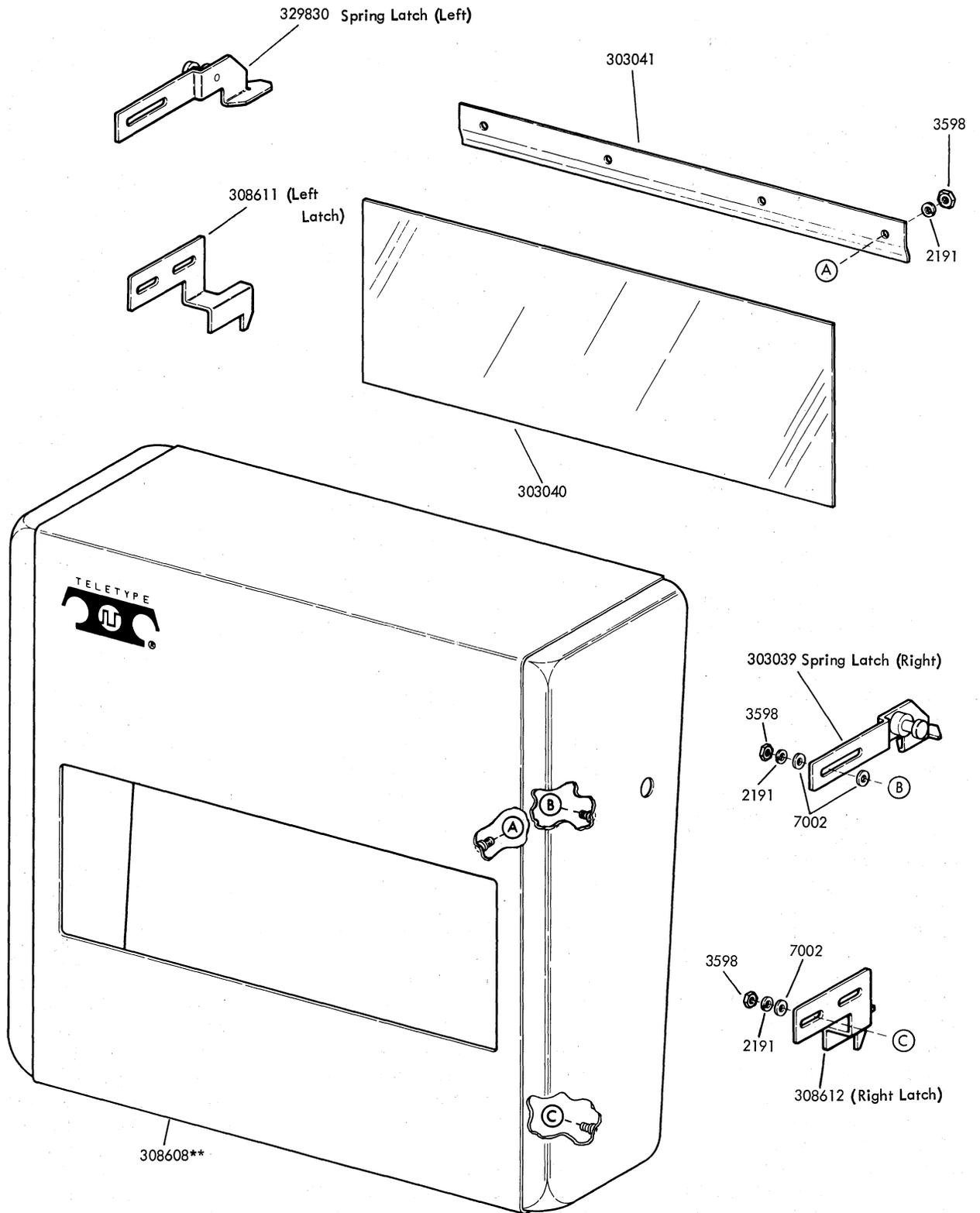


FIGURE 20. 315778 COVER ASSEMBLY (Plastic - Early Design)



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FIGURE 21. 308615** COVER ASSEMBLY (Metal - Latest Design)

NUMERICAL INDEX

Part Number	Description and Page Number	Part Number	Description and Page Number	Part Number	Description and Page Number
1170	Screw, 6-32 x 5/16 Flat 2	110743	Lockwasher 2	146802	Switch, SP-ST Slide 14
1264	Screw, 10-32 x 1/2 Flat 6	111017	Screw, 6-40 x 5/16 Fil 4,5,8,9,10,12,18	146806	Adapter, Tape Reel 5
1268	Screw, 6-40 x 5/16 Flat 8,9	112626	Nut, 10-32 Hex 5,6,10,11	147553	Bracket, Guide 4
1291	Screw, 6-32 x 3/4 Flat 2	116783	Holder, Fuse 12	147554	Guidepost, Tape 4
2191	Lockwasher 2,4,5,6,7,8,9,10,12,14,15,16,17,18,19,21	117176	Fuse, SL-BL 0.5 Amp 13	147555	Hub Assembly 5
2669	Lockwasher 5,6,8,9,11	117580	Holder, Fuse 13	147556	Hub 5
3438	Washer, Flat 5,6,10	118510	Fuse, 1/4 Amp 7	147557	Guidepost, Tape 4
3598	Nut, 6-40 Hex 4,5,6,7,9,10,14,17,18,19,20,21	119637**	Button, Plug 2	147558	Rail, Left 11
3606	Nut, 6-40 Hex 4,8,9,12,14,15,16	119648	Ring, Retaining 4	147559	Spring 5
3640	Lockwasher 5,6,10,14,15,17,18,19	119651	Ring, Retaining 4,8,9	147561	Bracket 5
3646	Lockwasher 4,5,10	119652	Ring, Retaining 5,9	147562	Bracket 5
5599	Nut, 8-32 Hex 4,5,10	119653	Ring, Retaining 5,10	147564	Bushing 4
6345	Nut, 6-32 Hex 2	119654	Ring, Retaining 10	147566	Decalcomania 8,9
6347	Screw, 6/32 x 3/8 Rd 18	121245	Clamp, 5/16 ID Cable 5,8,9,10	147586	Lever w/Hub 10
7002	Washer, Flat 3,4,5,10,17,18,19,21	121247	Clamp, 7/16 ID Cable 3	147588	Sleeve 19
35551	Screw, 10/32 x 3/8 Flat 6	121249	Clamp, 5/8 ID Cable 19	147589	Pin 19
42827	Screw, 3-48 x 1/4 Fil 5	123769	Fan, Motor 10	147753	Spring, Torsion 4
44048	Washer, Flat 18	124611	Screw, 8/32 x 1/2 Hex 5	147754	Post, Spring 5
45815	Lockwasher 10	125004	Screw, 8/32 x 1/4 Rd 4	147836	Bracket, Resistor 14
70314	Washer, Flat 4	125011	Washer, Flat 6,10,14,18,19	147881	Sleeve 9
71073	Washer, Flat 10	125015	Washer, Flat 5	147895	Bracket w/Plate 18,19
76099	Washer, Flat 9,10	125126	Screw, 2-56 x 9/32 Fil 10	147897	Pulley 18
76800	Spring 10	125802	Washer, Flat 2	147898	Pulley 18
79012	Insulator 14	128913	Screw, 8-32 Self-Tapping 3	147899	Shaft 18
82702	Screw, 6-40 x 9/32 Flat 7	129920	Fuse, SL-BL 5 Amp 13	147901	Casing w/Chute, Fan Wheel 19
82832	Lockwasher 6	137602	Resistor, 470 Ohm 17	147902	Clamp w/Gasket 19
82833	Washer, Flat 11	143306	Fuse, SL-BL 1 Amp 13	147903	Bracket, Motor Mounting 18
82861	Spring 4	145903	Mount, Vibration 5,10	147969	Door, Plastic 9
83960	Washer, Flat 5	145904	Hinge, Right 2	147970	Container, Universal Tape 9,19
90790	Washer, Flat 18	145905	Hinge, Left 2	147971	Cover, Rear Tape 9
91517	Screw, 8/32 x 3/4 Rd 18	145913	Connector, 25 Pt Receptacle Type 14,17	147973	Pivot w/Post, Sliding 9
92260	Lockwasher 20	145914	Connector, 25 Pt Plug Type 3,14,17	147974	Bracket w/Post, Pivot 9
92854	Connector, 2 Pt Plug 7	145915	Clamp, Cable 14	147975	Bracket, Hinge 9
93117	Lockwasher 10	145918	Nut, No. 6 Speed 3	147976	Spring, Torsion 9
93984	Lockwasher 14	145968	Motor, 115 V AC 5	147977	Arm, Low Tape 9
98612	Screw, 4-40 Spl 3	145976	Detent, Tape Reel 5	147978	Decalcomania 9
98718	Washer, Flat 5	145982	Screw, No. 6 Self-Tapping 3	147979	Decalcomania 9
103779	Washer, Flat 11	145983	Plunger 5	147980	Button 4
105150	Hub, Cam 10	146355	Roller, Spring 4	147986	Pad w/Adhesive 6
105400	Bearing, Ball 18	146518	Faceplate 3	147987	Bracket, Right Strike 20
107116	Lockwasher 5,8,9,12,14	146531	Post Assembly 14,16,17	147988	Bracket, Left Strike 20
107364	Screw, 6-32 x 3/8 Fil 3	146542	Screw Assembly 14,16,17	148100	Decalcomania 8
110126	Lockwasher 18	146543	Spring, Compression 5	148105	Lid 6
110191	Lockwasher 3,10	146612	Bag, Chad 6	148108	Clip, Spring 6
		146633	Clip, Spring 10	148365	Handle 4
		146637		148440	Connector, 36 Pt Circuit Card 14

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Part Number	Description and Page Number	Part Number	Description and Page Number	Part Number	Description and Page Number
148444	Clamp, Cable 14,16,17	149734	Lever w/Hub 10	149923	Bracket 4
148458	Connector, 15 Pt Circuit Card 16,17	149736	Lever 10	149959	Guidepost, Tape 4
148559	Screw, 4-40 x 1/4 Fil 14	149739	Lever 10,19	149960	Cable w/Terminals 10
148562	Panel Assembly, Electrical Service 1,12	149740**	Door, Front 2	149962	Guidepost, Tape 4
148563	Cable Assembly 3	149745	Roller, Driver 10	149963	Pin 4
148570	Frame Assembly 1,15	149746	Pulley 10	149964	Bracket 5
148572	Cable Assembly 15	149747	Pulley 10	149965	Cable w/Terminals 5
148573	Strip, Mounting 15	149748	Post 10	149967	Lever w/Shaft 5
148574	Cable w/Terminals 12	149749	Roller, Tape Feed 10	149971	Bail 5
148575	Strip, Terminal 15	149750	Belt, V 10	149974	Switch, Mercury 5,8,9
148576	Cover, Terminal Strip 15	149752	Bracket, Motor Mounting 10	150089	Screw, 4-40 x 1/2 Fil 16
148577	Cable Assembly 16	149753	Casting, Fan Wheel 6	150687	Stud 10
148578	Cable Assembly 16	149754	Plate w/Bracket 6,10	150966	Insulator, Terminal Block 5,18
148584	Plate, Mounting 17	149755	Motor, 115 V AC 10	151073	Screw, 4-40 x 5/32 Fil 15, 16,17
148586	Relay, 2, 100 Ohm 17	149757	Rail, Right Mounting 11	151152	Screw, 4-40 x 3/16 Hex 6
148587	Cable Assembly 17	149758	Bracket 11	151335	Stud 5,12,18
148588	Cable w/Terminals 17	149759	Post 11	151346	Screw, 6-40 x 3/8 Fil 4,16, 17
148590	Cable Assembly 17	149761	Container, Tape 8	151349	Nut, Speed 20
148592**	Panel, Rear 2,7	149762	Door, Plastic 8	151411	Block, Terminal 12
148596	Fuse, SL-BL 25 Amp 13	149763	Post 8,9,19	151412	Insulator, Terminal Block 12
148840	Resistor, 5 Ohm 14	149764	Bracket, Pivot 8	151415	Block, Terminal 5,18
148841	Bar, Mounting 14	149765	Arm, Low Tape 8	151416	Nut, 6-40 Hex 5,12,16,18
148842	Plate, Diode 14	149766	Drive Assembly, Capstan 10	151418	Fuse, 10 Amp 12
148843	Rectifier 14	149767	Cover, Plastic 20	151442	Screw, 6-40 x 1/2 Hex 7
148846	Connector, 16 Pt Card 14	149768	Pin, Hinge 9	151610	Washer, Flat 8,9
148850**	Power Supply 1,13,14	149771	Sleeve, Fan 10	151618	Screw, 6-40 x 7/16 Fil 16
148853	Capacitor, 36,000 MFD 13	149773	Screw, 10-32 Shoulder 11	151630	Screw, 6-40 x 1/4 Hex 5,10, 12,19
148854	Capacitor, 3,750 MFD 13	149774	Channel, Left 6	151631	Screw, 6-40 x 5/16 Hex 4,5, 12,14,15,18
148855	Capacitor, 6 MFD 13	149775	Channel, Right 6	151632	Screw, 6-40 x 3/8 Hex 5,10, 18
148856	Resistor, 30 Ohm 13	149776	Rack, Mounting 3	151637	Screw, 4-40 x 1/4 Fil 3,14
148859	Diode 13	149777	Rack, Mounting 3	151642	Screw, 6-40 x 3/4 Fil 10
148860	Diode 13	149778	Screw, 1/4-32 Shoulder 11	151685	Screw, 4-40 x 5/16 Fil 14, 18,19
148861	Transformer 13	149779	Tube, Chad 6	151686	Screw, 4-40 x 3/8 Fil 5,10, 14,16
148900	Modification Kit 14	149781	Bail 4	151687	Screw, 4-40 x 7/16 Fil 2
148901	Post 14	149782**	Panel, Control 3	151688	Screw, 4-40 x 5/8 Fil 14
148902	Plate 14	149783**	Cover, Panel 3	151692	Screw, 6-40 x 3/16 Fil 16,18
148903	Terminal, Plug Type 14	149792	Suppressor, Noise 12	151722	Screw, 6-40 x 3/16 Hex 8
148904	Terminal, Receptacle Type 14	149901	Rack, Lower 2	157123	Screw, 10-31 x 3/8 Hex 11
148908	Nut, 10-32 Wing 16	149909	Card, Identification 3	151827	Strap, Terminal 12
149726	Key 3	149910	Bracket, Left Hinge 8	151880	Nut, 4-40 Hex 14
149728**	Plate, Switch 3	149911	Bracket, Right Hinge 8		
149729	Stud 3	149912	Bracket, Left 11		
149730**	Cabinet 2	149913	Bracket, Right 11		
149731**	Panel, Front 4	149914	Plate, Vibration Dampener 11		
149732	Frame, Innter 5,6,8,9,10, 11	149915	Plate, Support 11		
		149916	Bracket, Motor Mounting 5		
		149917	Latch 4		
		149919	Plate w/Posts 4		
		149920	Arm, Tape Sensing 4		

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Part Number	Description and Page Number	Part Number	Description and Page Number	Part Number	Description and Page Number
151939	Grommet, Rubber 12,17	171613	Diode 13	182643	Terminal, Plug Type 14,15,16
152441	Washer, Flat 10	171614	Diode 13	182644	Terminal, Receptacle Type 15,16
153037	Spring 9	171615	Diode 13	182661	Holder, Fuse 13
153103	Screw, 4-40 Self-Tapping 3	171642	Fuse, SL-BL 1.6 Amp 13	183111	Label 16
153442	Screw, 10-32 x 1/2 Hex 5	171644	Fuse, 1.5 Amp 13	186178	Bearing, Ball 18
153537	Screw, 6-40 x 9/32 Hex 17	171831	Capacitor, 10 MFD 17	192007	Terminal, Tab Type 18
153538	Screw, 6-40 x 7/16 Hex 19	172715	Screw, 10-24 Captive 2	192019	Capacitor, 3 MFD 18
153631	Network, Spark Suppression 14	172763	Nut, Grip 2	192081	Ring 11
153819	Lockwasher 5	173116	Pin 4	192082	Bushing 11
154335	Screw, 6-40 x 9/32 Fil 20	173578	Connector, 50 Pt Receptacle 14,16,17	192168	Ring 11
155750	Sleeve, 3/32 ID x 1/2" Lg Insulating 3,17	173579	Connector, 50 Pt Receptacle Type 14,16,17	192169	Bushing 11
155752	Sleeve, 5/16 ID x 1/2" Lg Insulating 3,14	173715	Terminal, Plug Type 3,14,16,17	192177	Terminal, Receptacle Type 14
155753	Sleeve, 1/8 ID x 1/2" Lg Insulating 3	173716	Terminal, Receptacle Type 14,16,17	192207	Pin, Roll 10
155754	Sleeve, 1/16 ID x 1/2" Lg Insulating 14,16,17	173974	Screw, 10-32 x 5/16 Hex 8,9,11	192226	Bracket, Capacitor Mounting 18
156230	Stud, Lifter Pivot 8	174001	Connector, 3 Pt Receptacle 12	192781	Screw, 6-40 Spl 4,20
156536	Screw, 4-40 x 1/8 Fil 6	174678	Nut, Speed 3	193173	Flasher 14
156588	Ring, Retaining 18	174795	Screw, 6-40 x 1/4 Fil 14	193942	Fan Assembly 7
156740	Screw, 6-40 x 7/32 Hex 18	175060	Nameplate 3	193943	Cable Assembly 7
156768	Screw, 8-32 x 9/32 Hex 5,10	176163	Jumper, 18" Black 5	194540	Socket, 8 Pt 14,17
156831	Clamp 18	177520	Card, EC520 Circuit 16	196930	Grille 7
156901	Post, Eccentric 10	177579	Card, Circuit 17	196931	Clip 7
157215	Mount, Vibration 11	177611	Rectifier 14,17	198019	Lamp, 6V 3
158588	Post 15	178844	Varistor 17	198092	Fan 7
159610	Mount, Vibration 11	178871	Sleeve, 1/2 ID x 1-1/8" Insulating 3,14	198819	Strip, Mounting 14,15
160362	Plug, Banana 14	179495	Screw, 10-24 x 1/2 Hex 6	198821	Strip, Top Mounting 14,15
160664	Pin, Roll 5	181014	Grommet, Rubber 16	199530	Screw, 4-40 Shoulder 3,17
161552	Screw, 10-32 Spl 11	181301	Sleeve, 15/64 ID x 1" Lg Insulating 10	199532	Lock Assembly, Sliding 3,17
161708	Latch, Magnetic 2,4	181378	Lug, Clamp Screw 18	199534	Clamp, Cable 3,17
161711	Block, Guide 6	181392	Terminal, Tab Type 10	199540**	Module, Receiver 1,13,14
161716	Block, Support 6	181666	Resistor, 680 Ohm 17	199541	Post, Sliding Lock 14,17
162469	Washer, Spring 18	181891	Sleeve, 3/16 ID x 2-1/2" Lg Insulating 3	199545	Strip, 2 Pt Terminal 14
162725	Depressor, Chad 4	181893	Sleeve 3/64 ID x 1-1/2" Lg Insulating 3,16	199549	Lamp, 48V 3
162809	Spring 10	182510	Card, Power 12,14	199558	Bracket, Relay Mounting 14
165008	Turret, Terminal 16,17	182524	Button Assembly 3	199570	Generator Assembly, Signal 16
165027	Network, Spark Suppression 16	182530	Strip, Assembly Lamp 3	199571	Post 16
170863	Mount, Vibration 11	182539	Connector, 15 Pt Receptacle Type 14,16	199572	Plate, Mounting 16
171319	Resistor, 50 Ohm 13	182540	Connector, 15 Pt Plug Type 15,16	199573	Motor w/Capacitor, 117V AC Synchronous 16
171501	Relay 14,16,17			199574	Hub 16
171502	Relay 17			199575	Holder, Brush 16
171507	Relay 17			199576	Cover 16
171517	Cover, Dust 17			199577	Cover 16
171518	Cover, Dust 17			199578	Bushing, Snap 16
171526	Resistor, 1,500 Ohm 13			199580	Disc, Coding 16

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Part Number	Description and Page Number	Part Number	Description and Page Number	Part Number	Description and Page Number
199586	Terminal, Taper Pin 17	303041	Clamp 21	315771	Plate, Diode 14
199587	Bracket, Top Relay 17	303605	Card, Circuit 14	315778	Cover Assembly 1,20
199588	Bracket, Bottom Relay 17	303675	Card, Circuit 14	315788	Rectifier 14
199589	Receptacle, Relay 17	303678	Card, Circuit 14	315973	Belt, V 18
199784	Identifier Assembly, Receiving Station 1,16	303730	Card, Circuit 14	320297	Modification Kit 1,18,19
199788	Modification Kit 1,17	307580	Shell 14	320410	Terminal, Spade Type 3,5,8,9,12,14,15,16,17
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