

"DATASPEED"\* TYPE 4  
TAPE RECEIVER CABINET (AC) AND MODULES  
PARTS

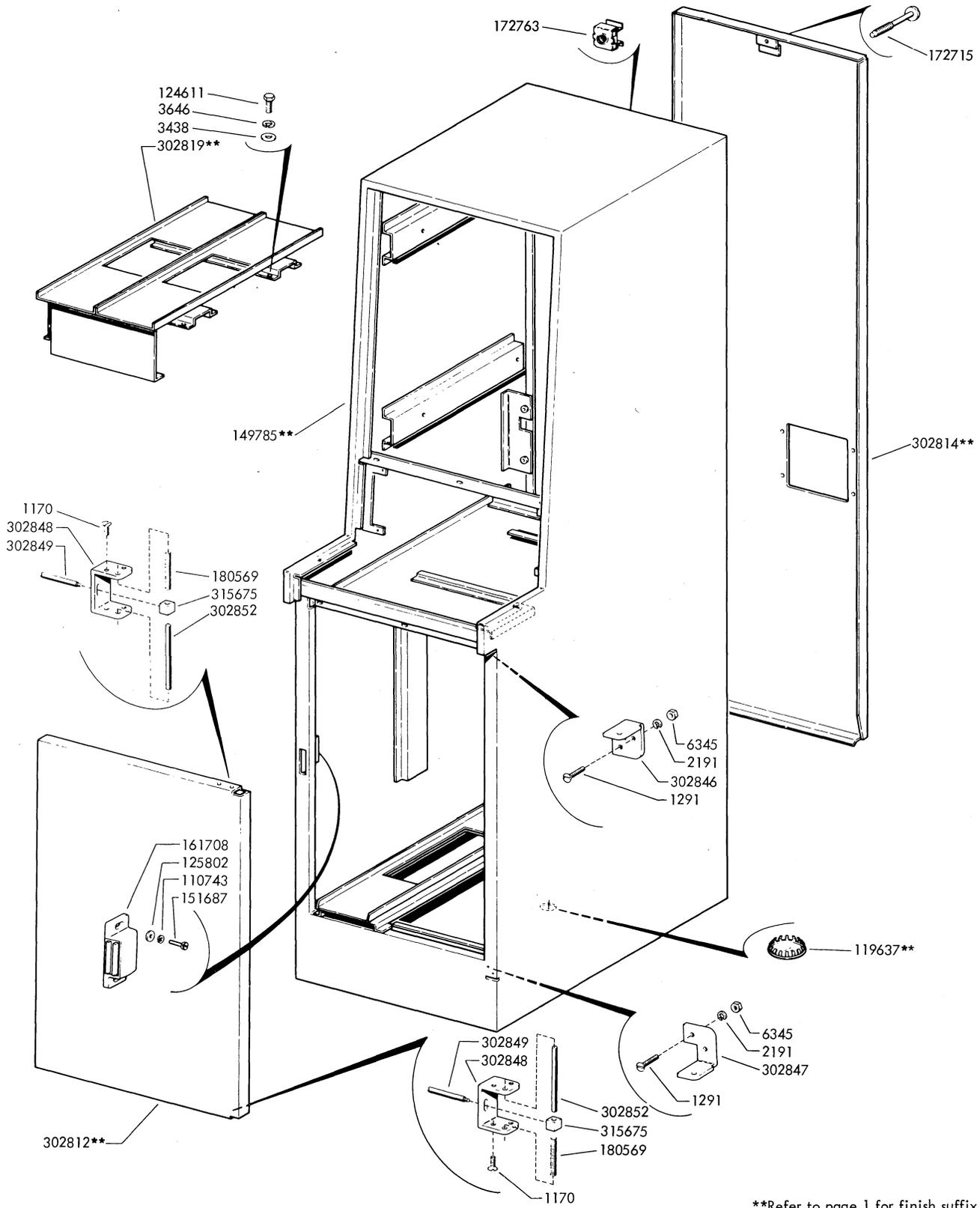
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9	Chad and Tape Puller Mechanism			Logic and 199570 Signal Generator	
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10	Fan	11		Calling Generator)	20
11	302748 Wiring Field Assembly	12	20	308514 Modification Kit for use with	
12	308463 Station Control Assembly	13		the 308512 Discrete Calling	
13	302762 Receiver Control Module			Generator	21
	(HSEDC)	14	21	Tape Winder Motors	22
14	308502** High Speed Receiver		22	308615** Cover Assembly	23
	Distributor and Punch Drive Module	15		Numerical Index	24

Multi-Color Code	Color (Smooth)	Suffix
MA	Light Beige Fawn	HC HG
MB	Light Gray Beige	HB HE
MC	Light Gray Moss Green	HB HD

The double asterisk (\*\*) denotes a painted part. Suffix to be applied following the part number.

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

\* Trademark of AT&TCo



\*\*Refer to page 1 for finish suffix

FIGURE 1. CABINET

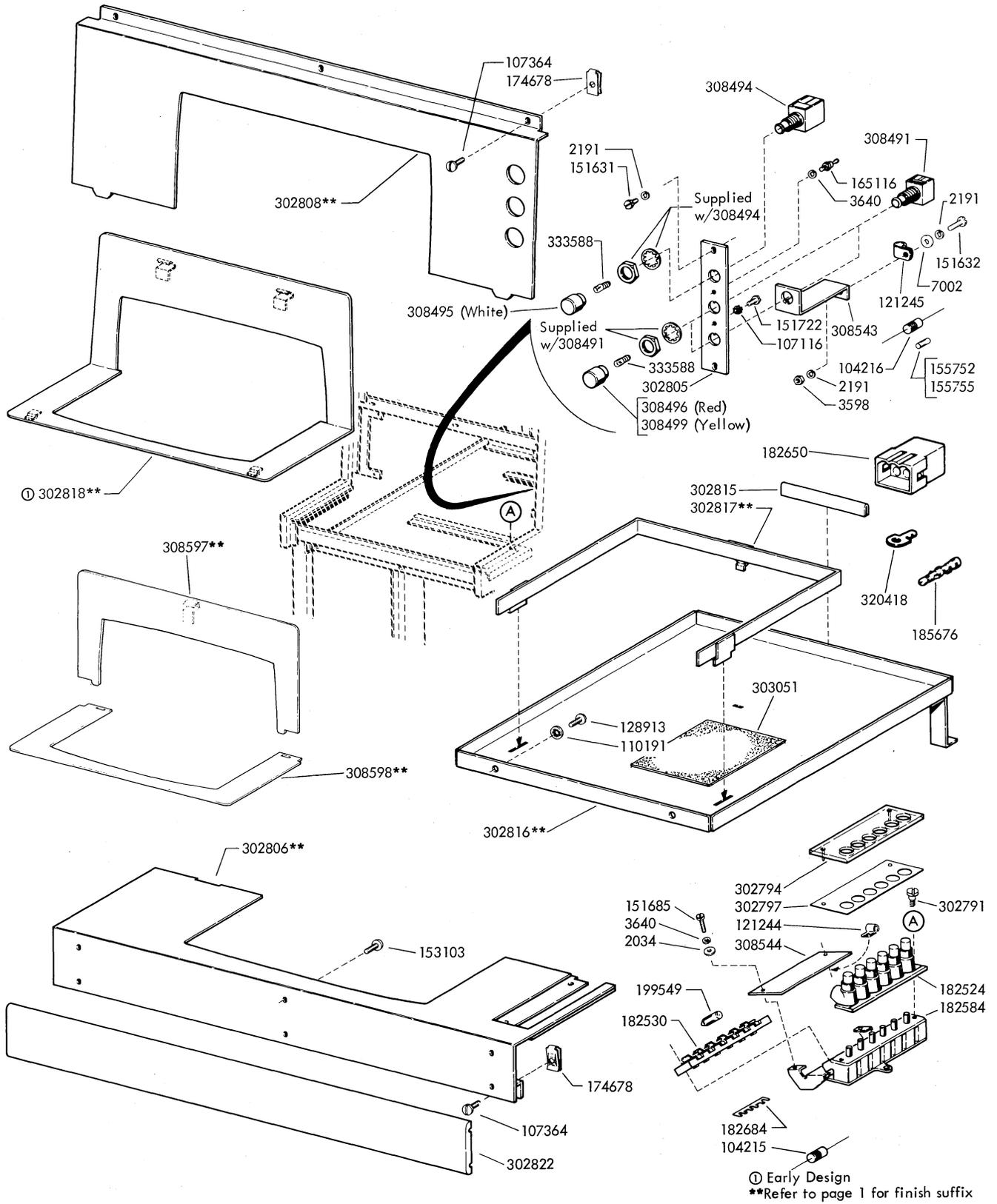
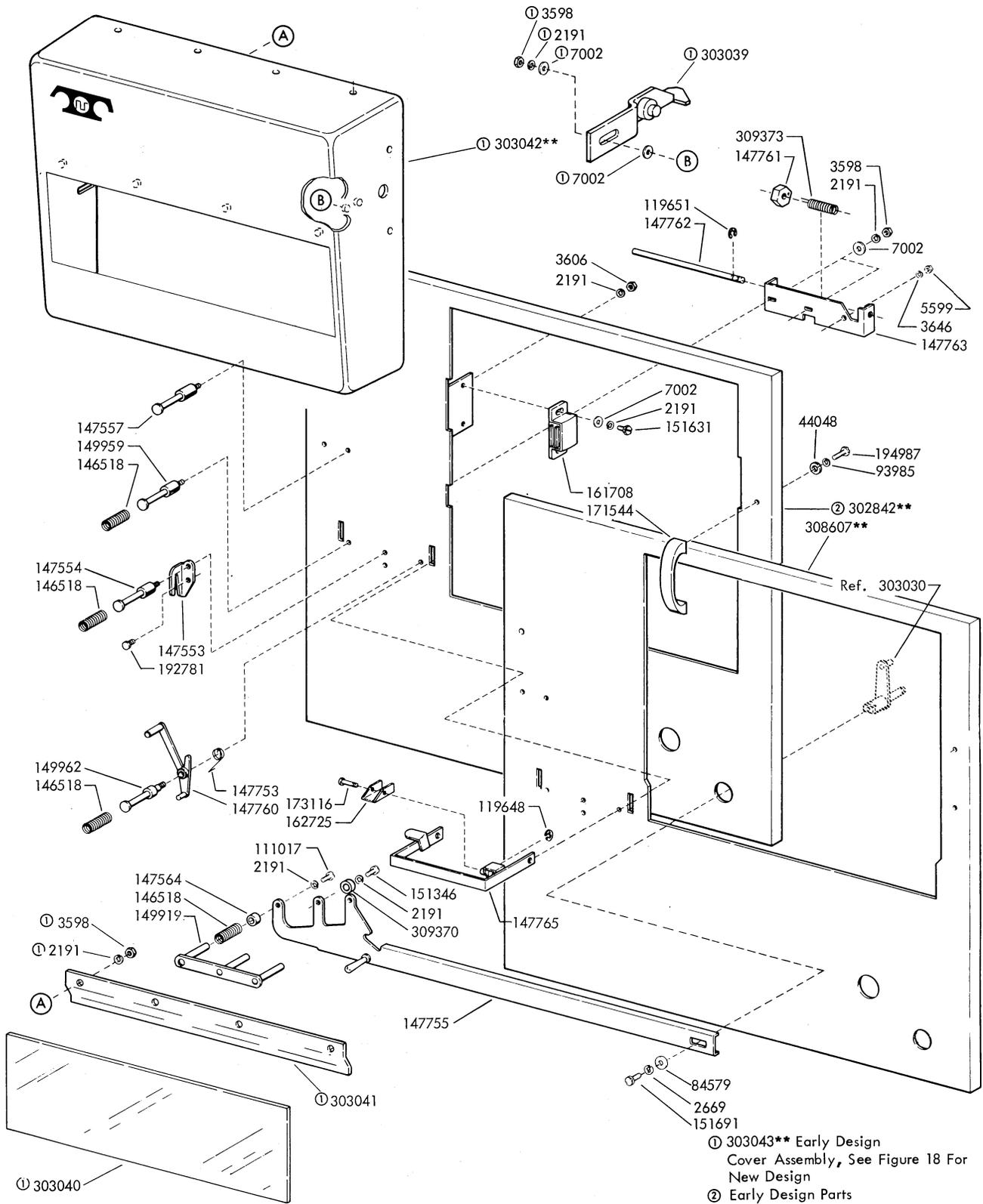


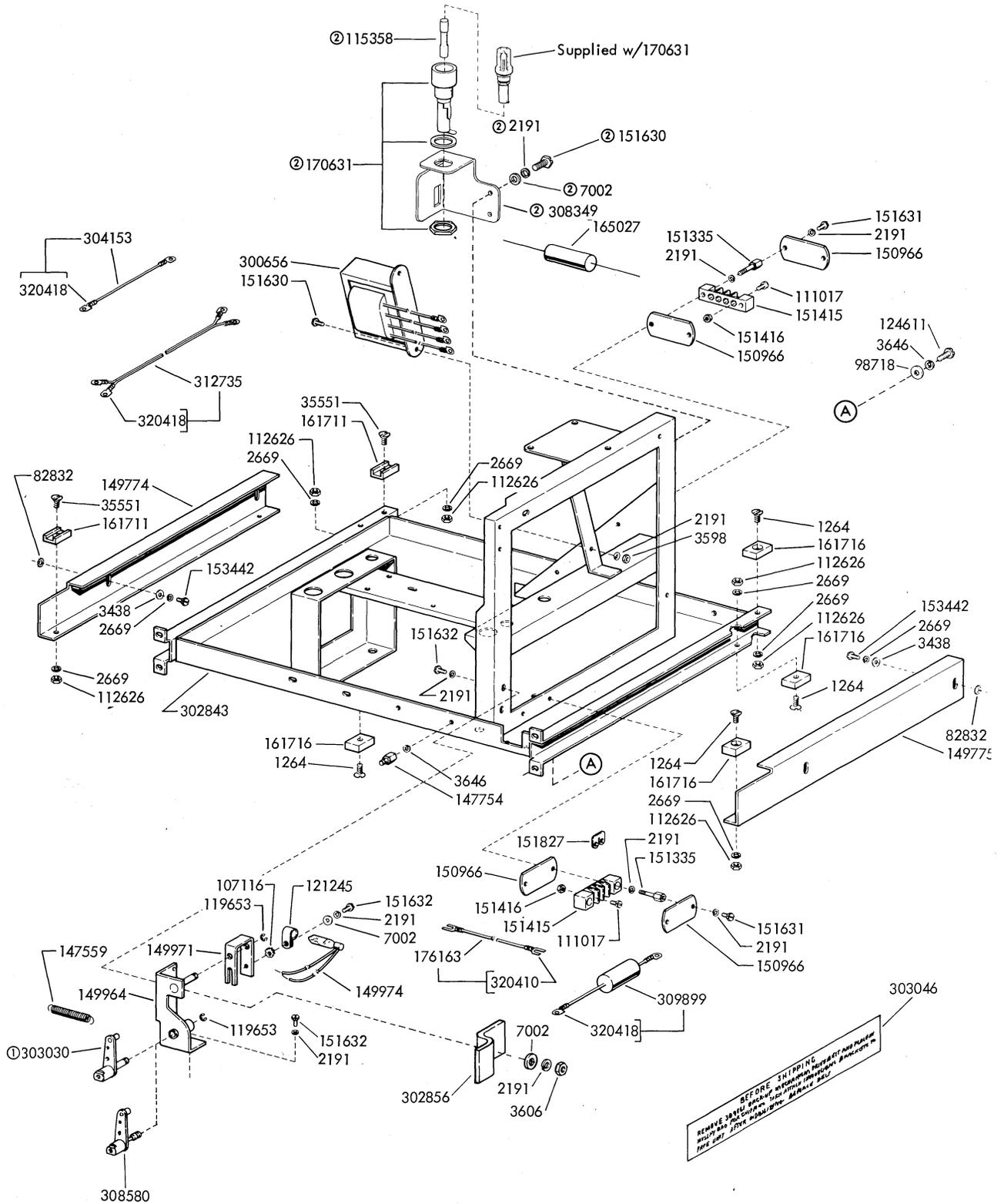
FIGURE 2. CABINET (Continued)



① 303043\*\* Early Design  
Cover Assembly, See Figure 18 For  
New Design  
② Early Design Parts

\*\*Refer to page 1 for finish suffix

FIGURE 3. FRONT PANEL



REMOVE 300656 BEFORE SHIPPING  
 REMOVE 300656 FROM THE FRAME PROPERTY AND PARTS  
 LIST AND FROM THE INVENTORY RECORDS

- ① Early Design Parts
- ② 303063 Fuse Assembly

FIGURE 4. INNER FRAME AND CHANNELS

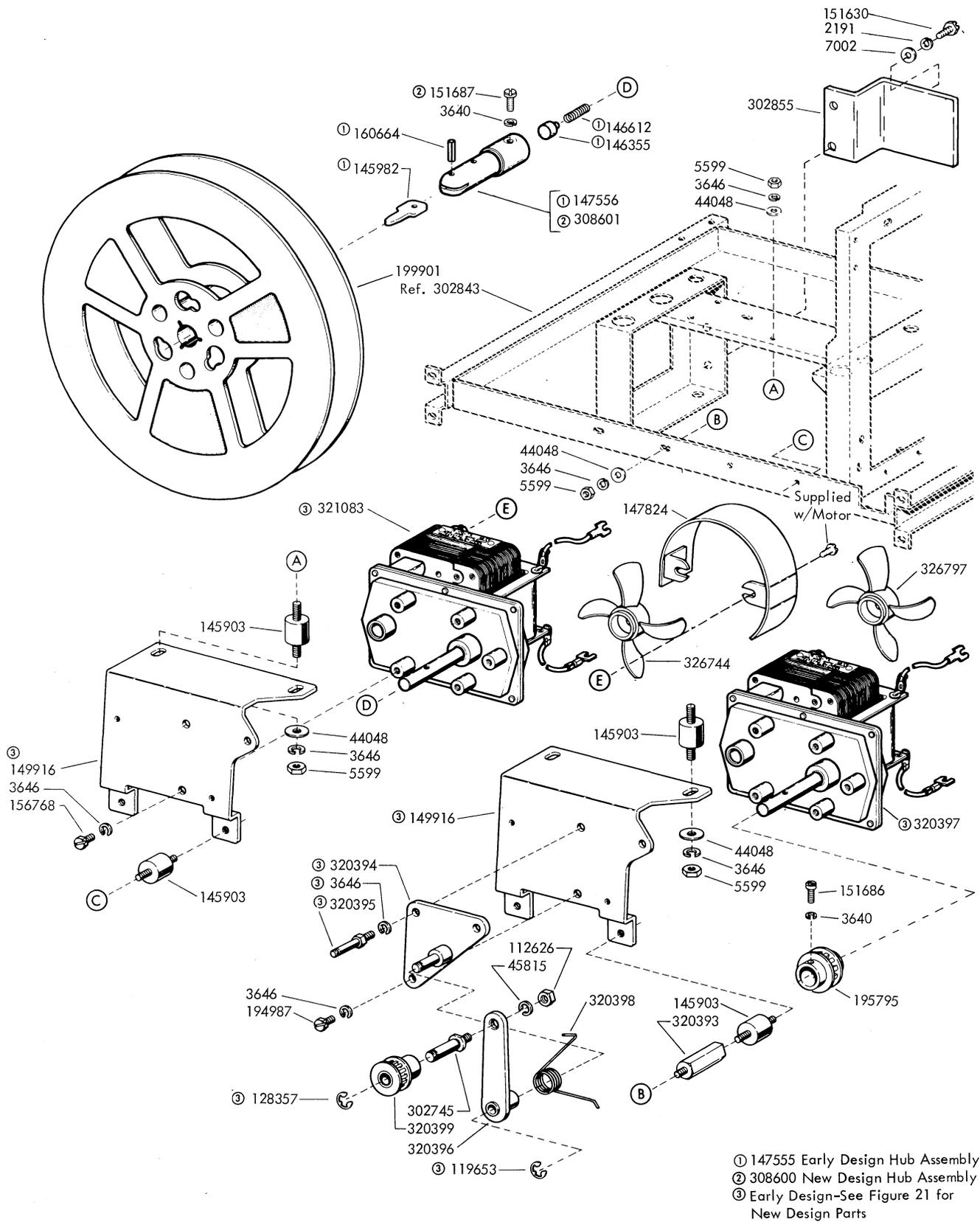


FIGURE 5. TAPE BACK-UP AND TAPE WINDER MOTORS

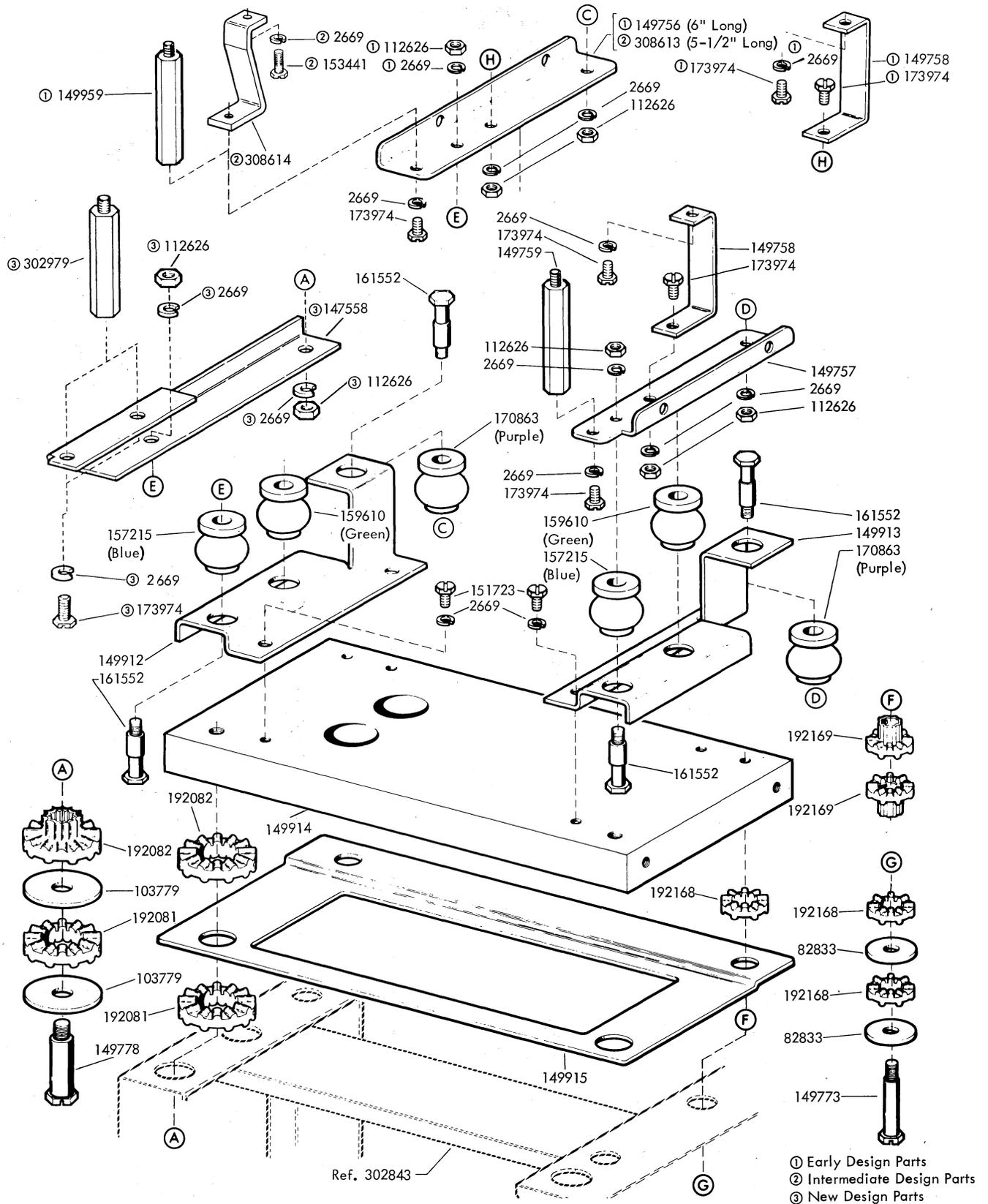


FIGURE 6. PUNCH MOUNTING PARTS

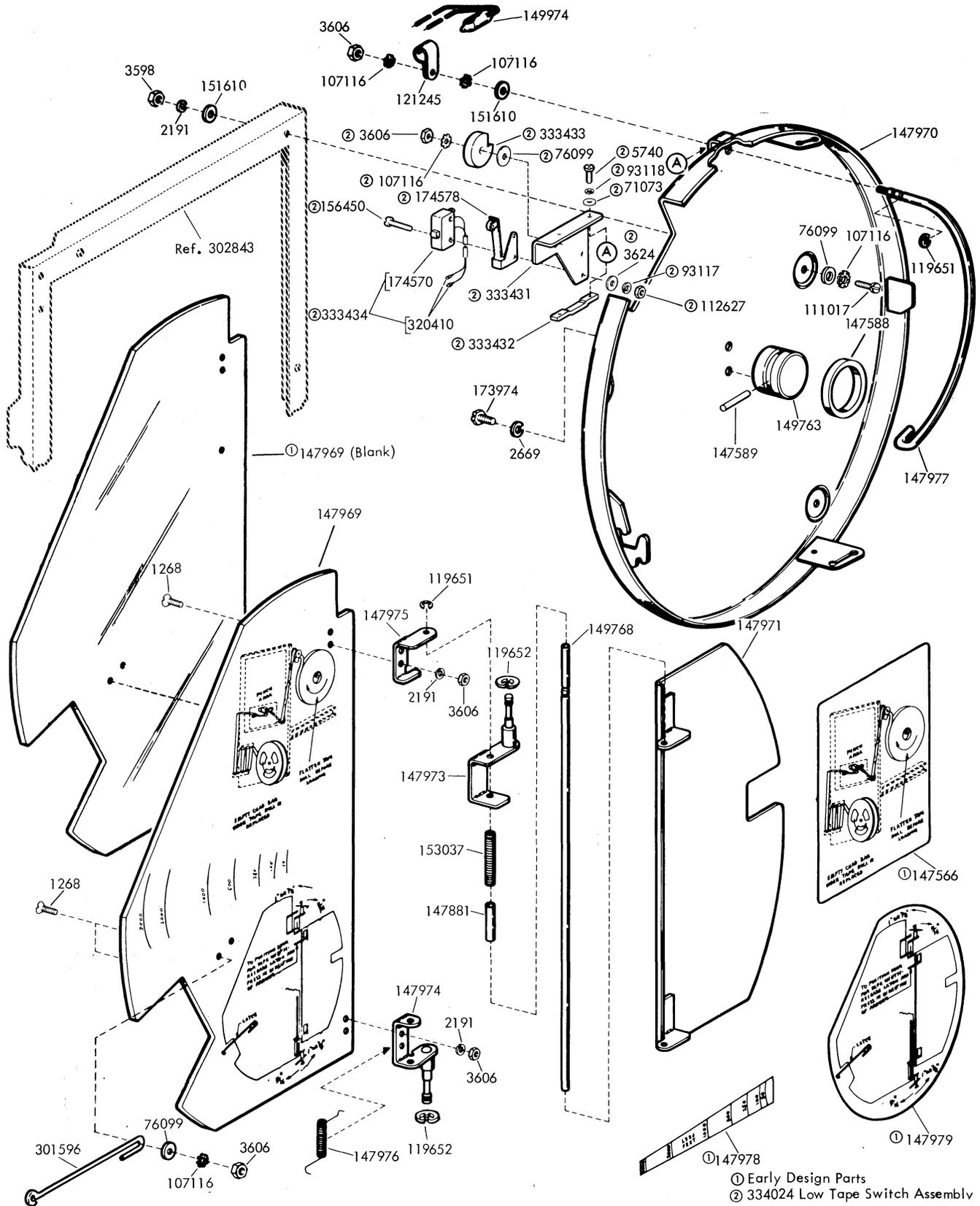


FIGURE 7. TAPE CONTAINER

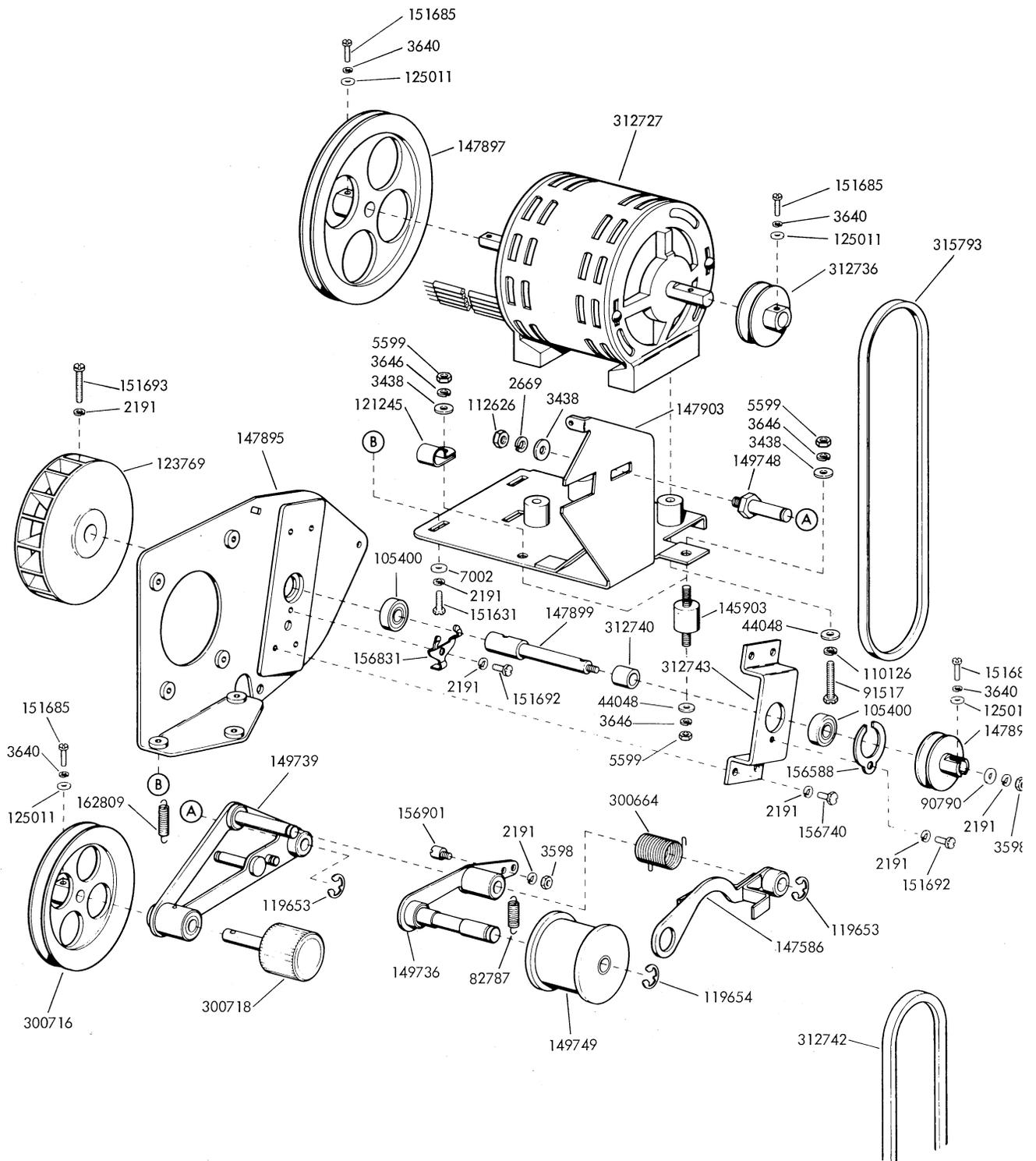
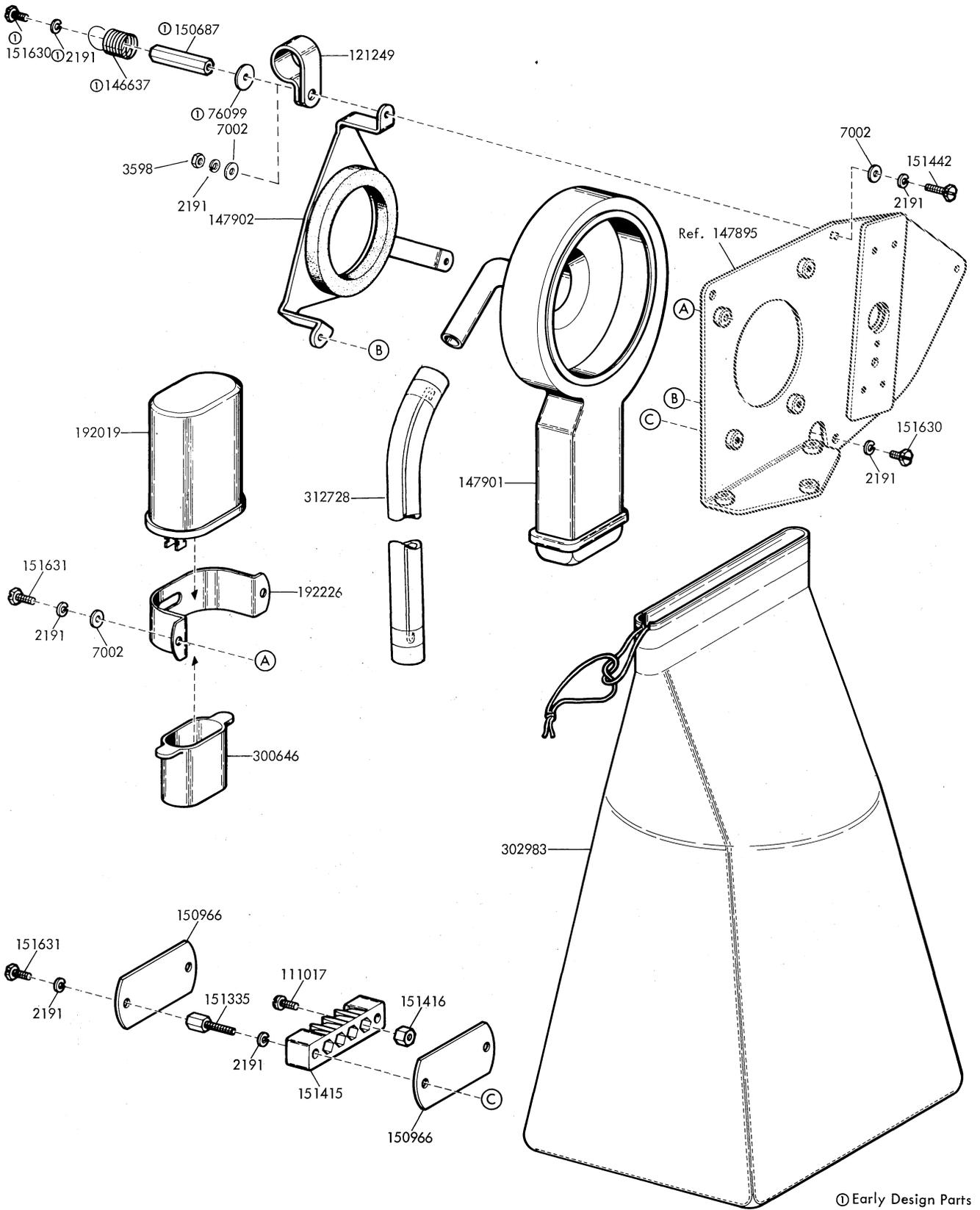


FIGURE 8. CHAD AND TAPE PULLER MECHANISM



Ⓛ Early Design Parts

FIGURE 9. CHAD AND TAPE PULLER MECHANISM (Continued)

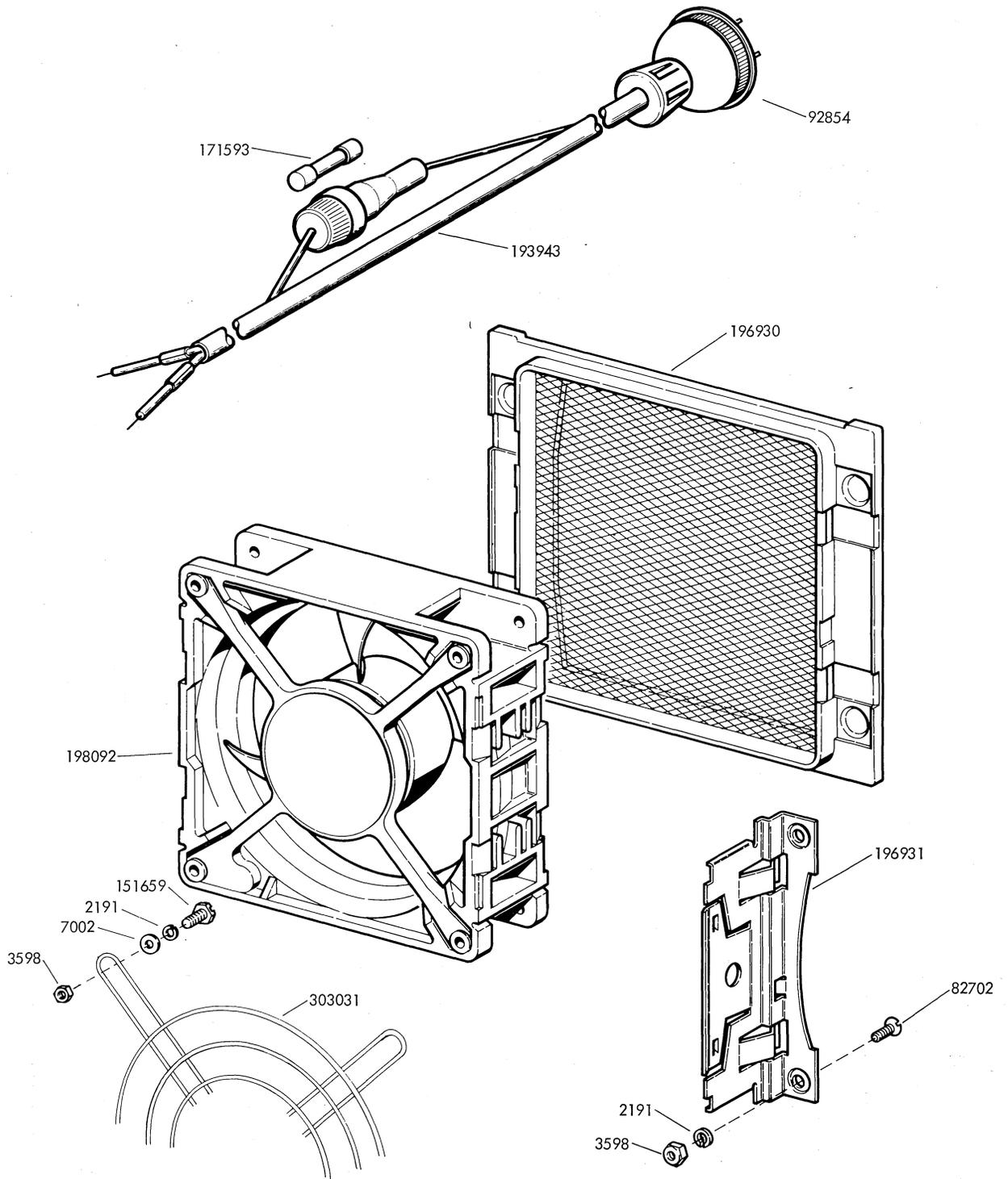


FIGURE 10. FAN



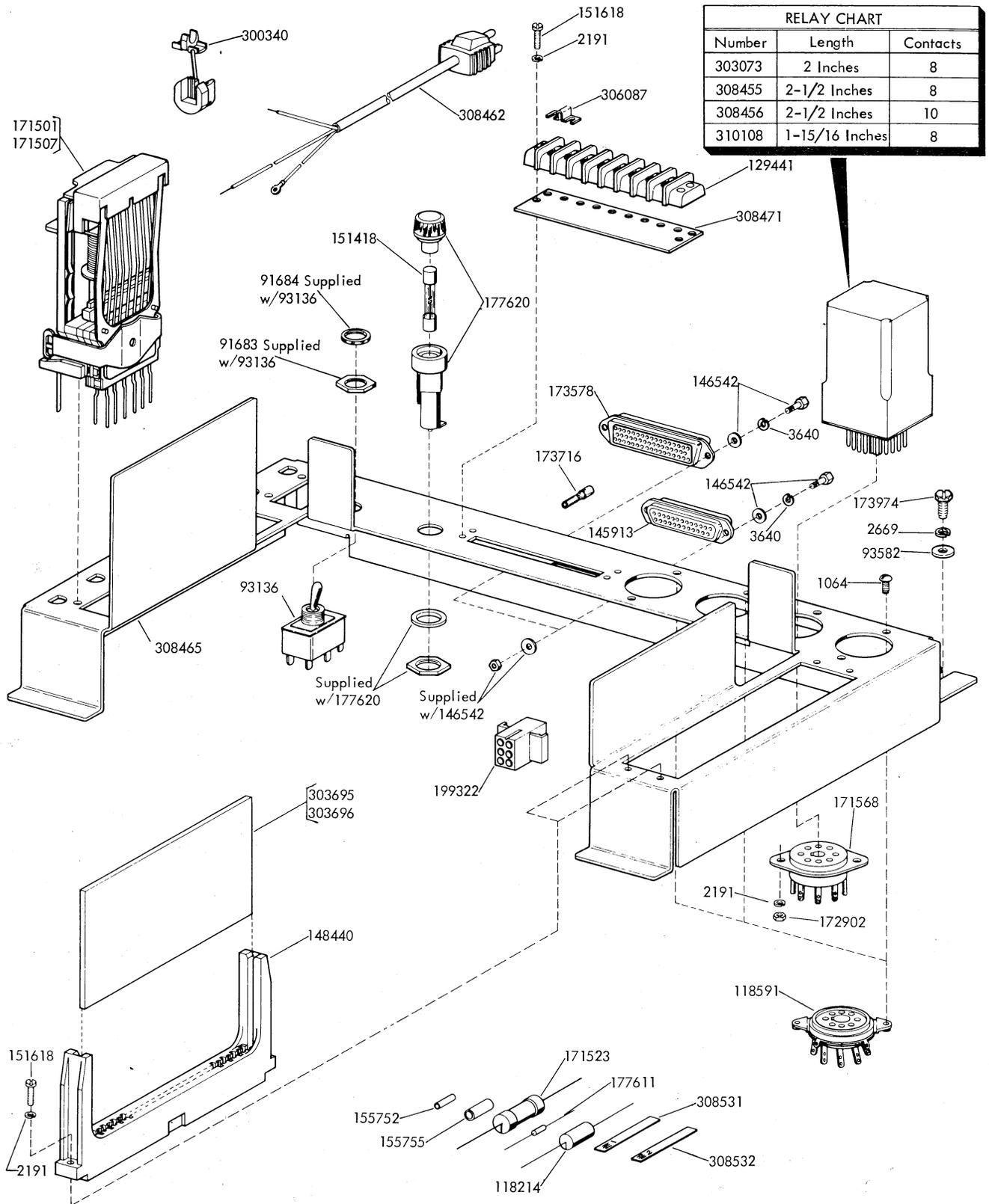


FIGURE 12. 308463 STATION CONTROL ASSEMBLY

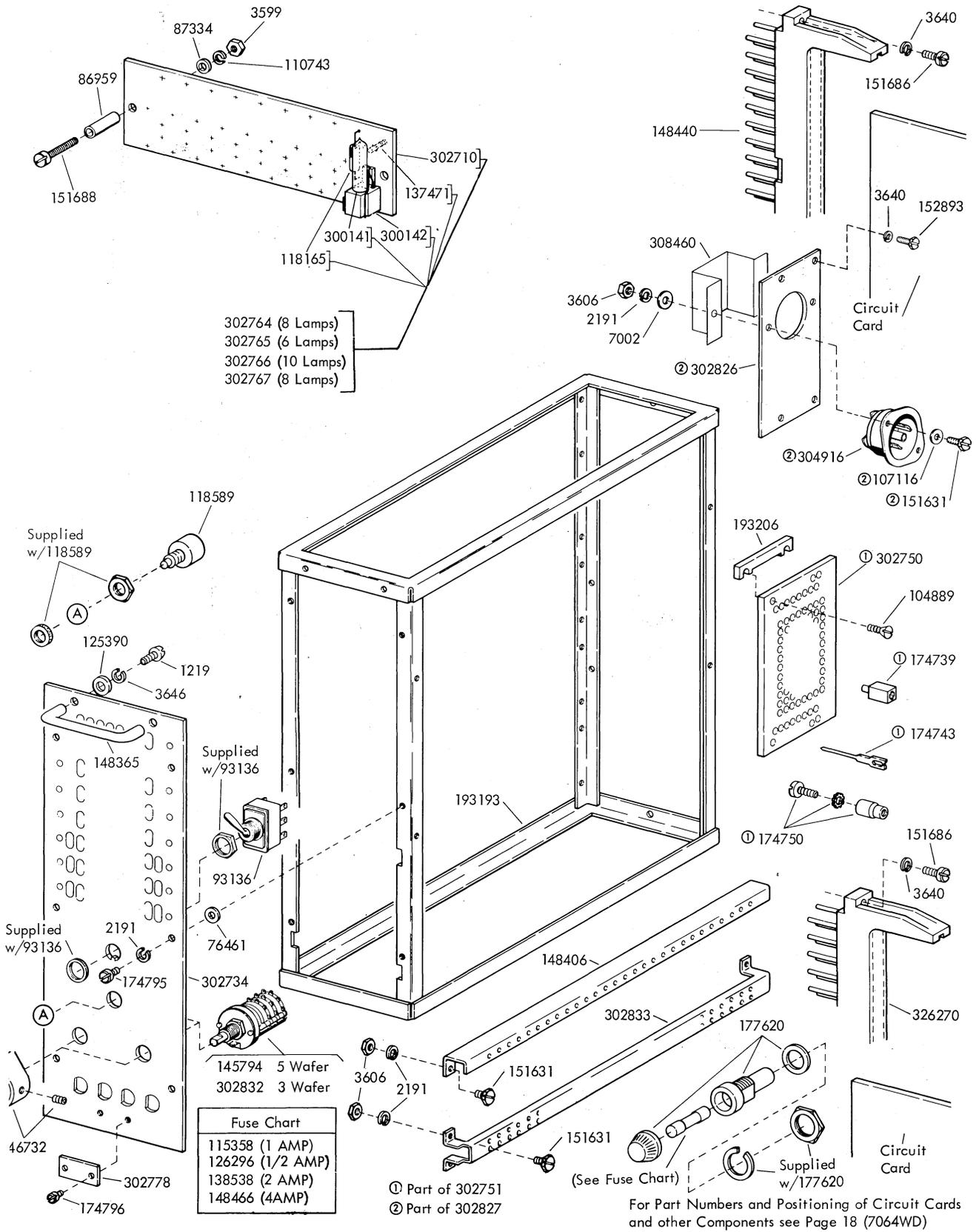
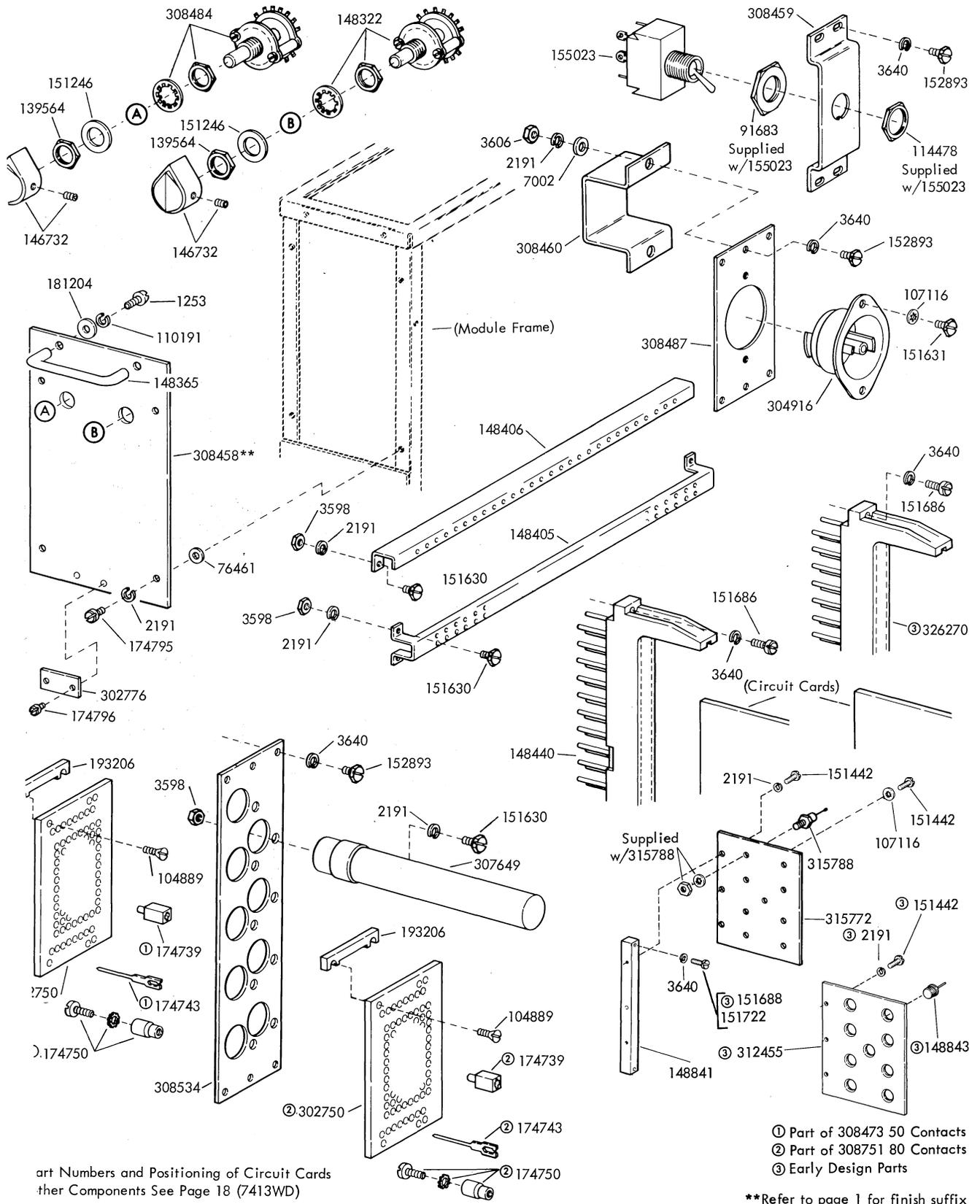


FIGURE 13. 302762 RECEIVER CONTROL MODULE (HSED)



Part Numbers and Positioning of Circuit Cards and other Components See Page 18 (7413WD)

① Part of 308473 50 Contacts  
 ② Part of 308751 80 Contacts  
 ③ Early Design Parts  
 \*\*Refer to page 1 for finish suffix

FIGURE 14. 308502\*\* HIGH SPEED RECEIVER DISTRIBUTOR AND PUNCH DRIVER MODULE



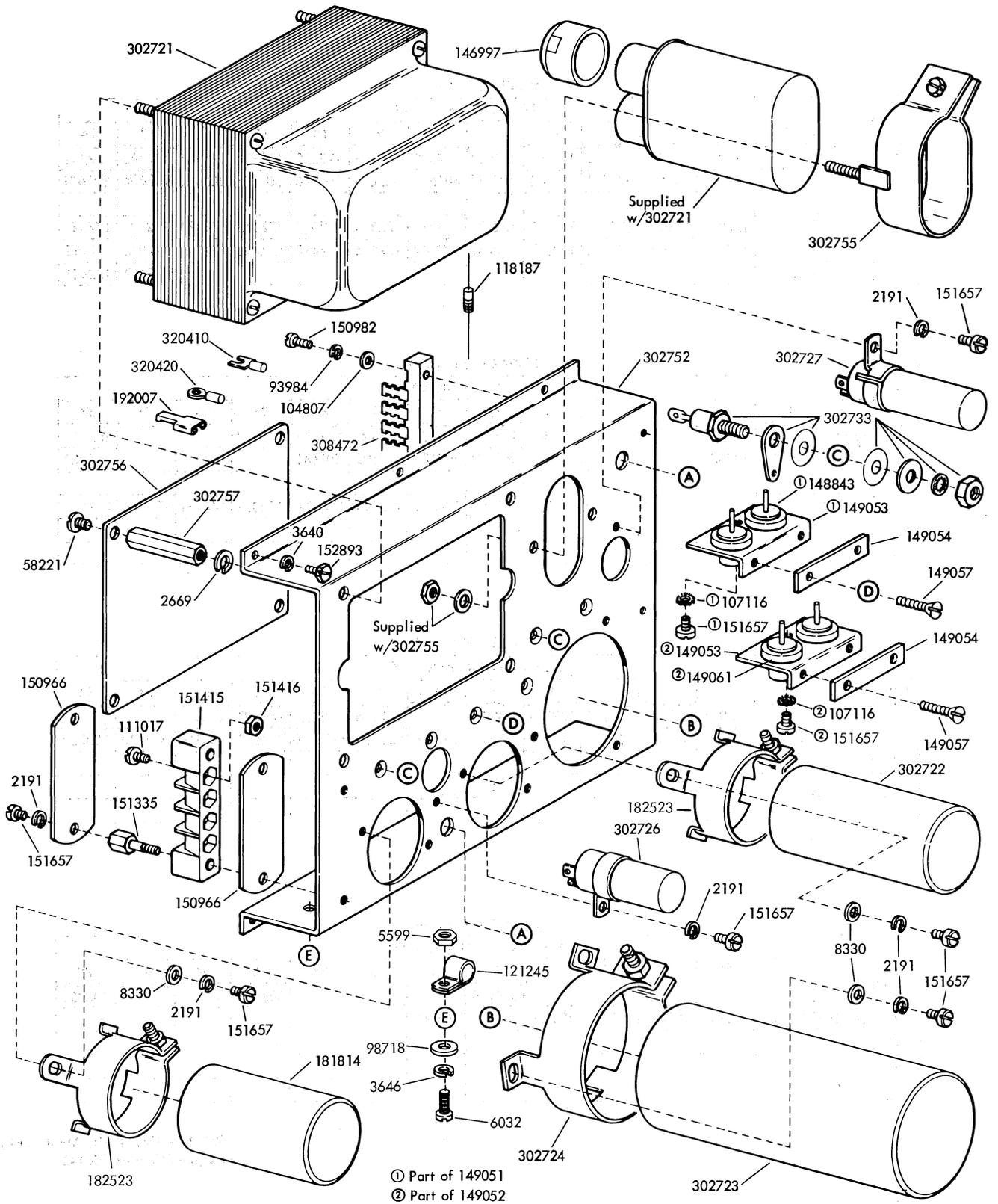


FIGURE 16. 302720 MULTI-VOLTAGE POWER SUPPLY (PART OF 308502\*\* MODULE)

MODULE 302762

POSITION ON BRACKET														
Row	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1			172356	172356	177516	172357	177589	172383	177516	172352	172357	172457	172383	172356
2			303671	303671	303671	303671	303671	303671	303603	303640	303606	303606	303606	303671
3														
4			172353	172353	172327	172327	172327	172353	172353	172327	172320	172320	172327	172320
5			177503	177589	177584	177581	172441	177504	177504	172457	177503	172356	172348	172426
6													172428	172441

302762 (Continued)

POSITION ON BRACKET														
Row	15	16	17	18	19	20	21	22	23	24	25	26	27	28
1	172356	172356	172383	172357	172357	172382	172382	177597	303138	172382				302751
2	303601	303635	303679				303671	303603	303606	303641				302827
3														
4	177546	177546	177501	177502	177502	177503	177502	177504	177504	177504	172383	177504	177504	149186
5														
6														

MODULE 308502\*\*

POSITION ON BRACKET														
Row	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1			155023	303101	303119	172364	172406		177516	172428	172832			
2		303693	303684	303671	303671	303671	303671	303606	*303681	*303680	303675	303730	303730	303730
3														
4														
5														

308502\*\* (Continued)

POSITION ON BRACKET														
Row	15	16	17	18	19	20	21	22	23	24	25	26	27	28
1							304916				308473			302751
2	303730	303730	303730	303730	303730	303730		148840						
3														
4														
5														

\*308511 Vertical Parity Modification Kit. Specification 506145

\*\*Refer to page 1 for finish suffix

FIGURE 17. 302762 AND 308502\*\* POSITIONING REFERENCE CHARTS

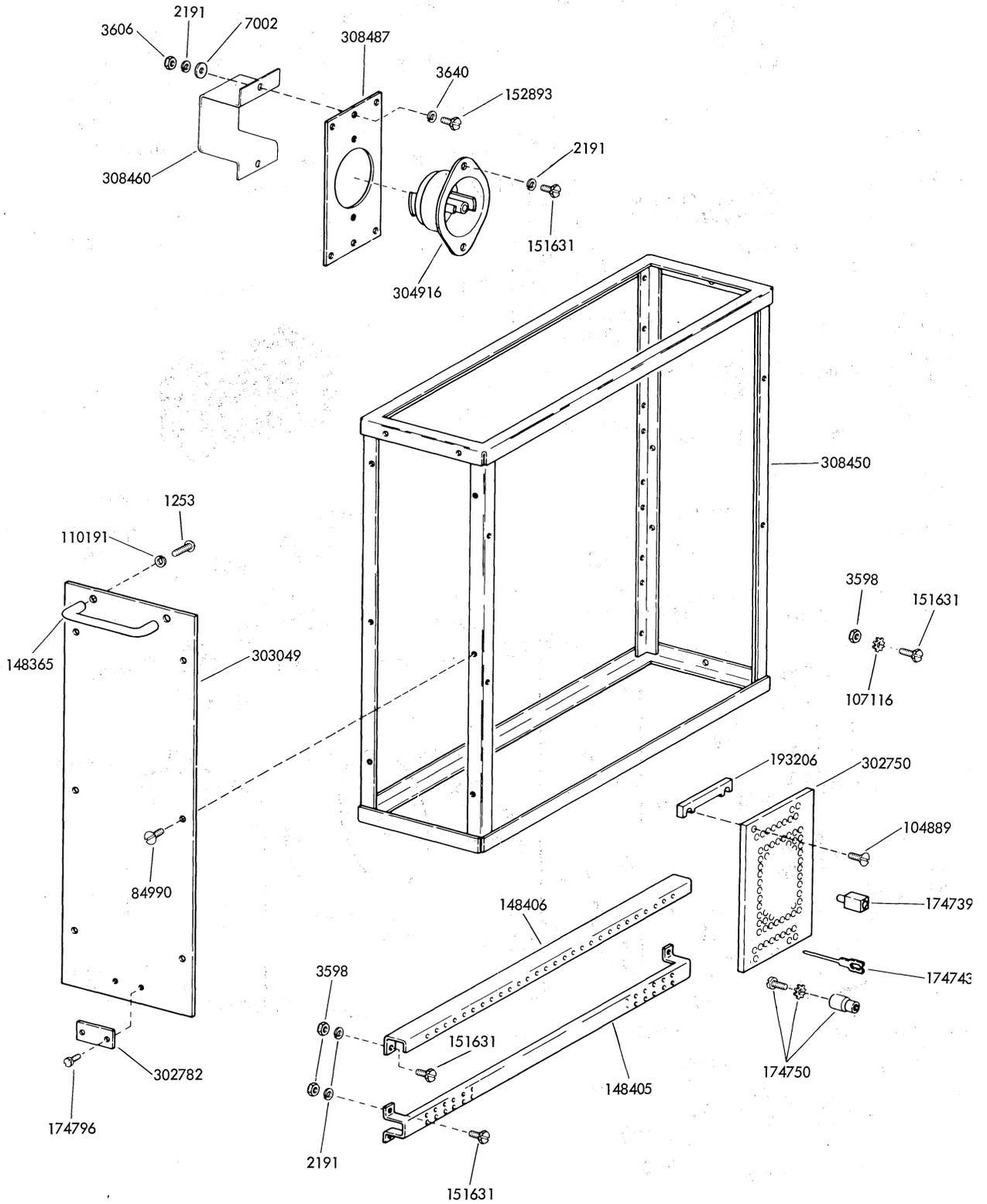
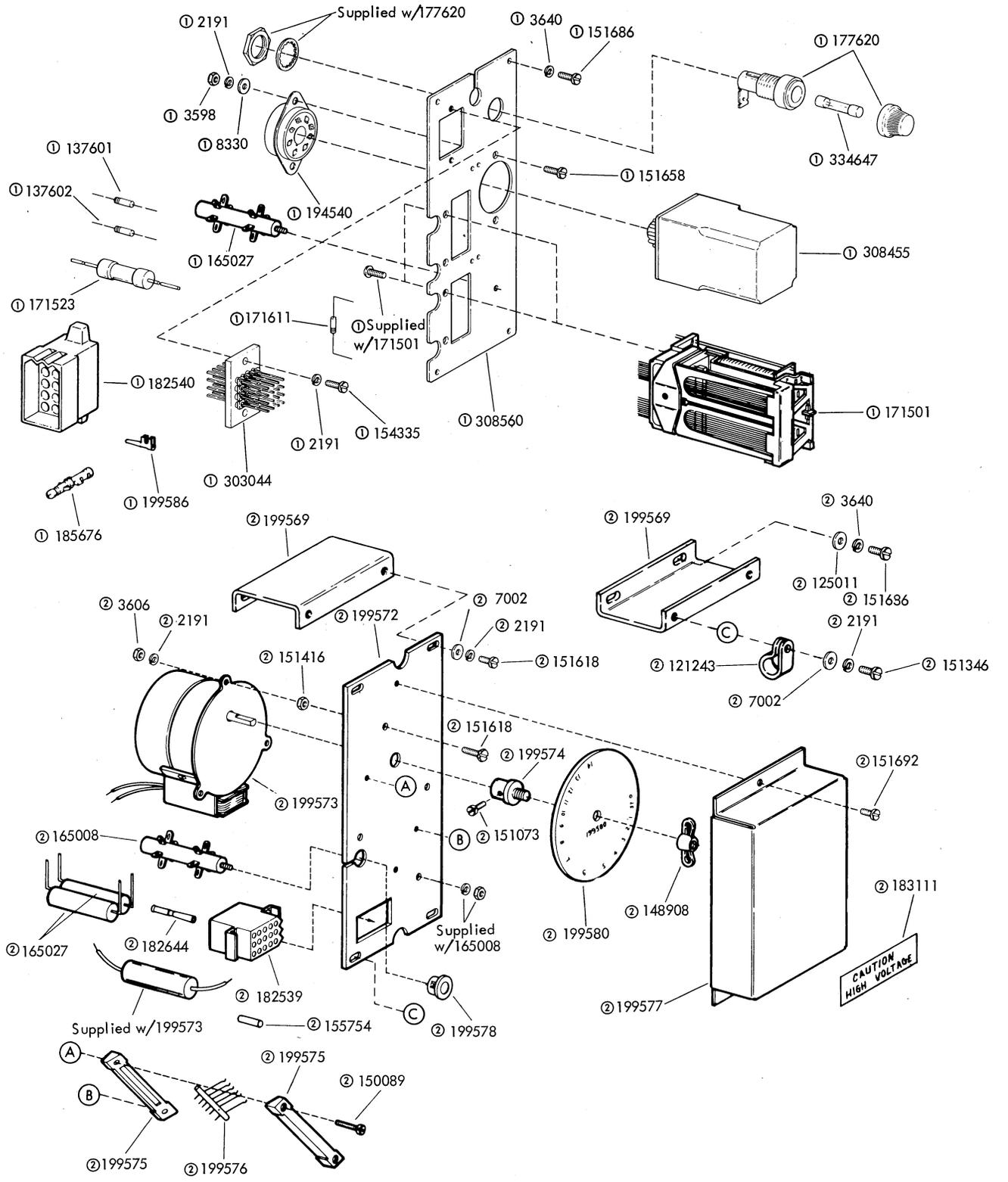


FIGURE 18. 308505 ACCESSORY MODULE (PART OF THE 308512 DISCRETE CALLING GENERATOR)



- ① Peculiar to 303088
- ② Peculiar to 199570

FIGURE 19. 303088 DISCRETE CALLING GENERATOR LOGIC AND 199570 SIGNAL GENERATOR ASSEMBLY. (PART OF THE 308512 DISCRETE CALLING GENERATOR)

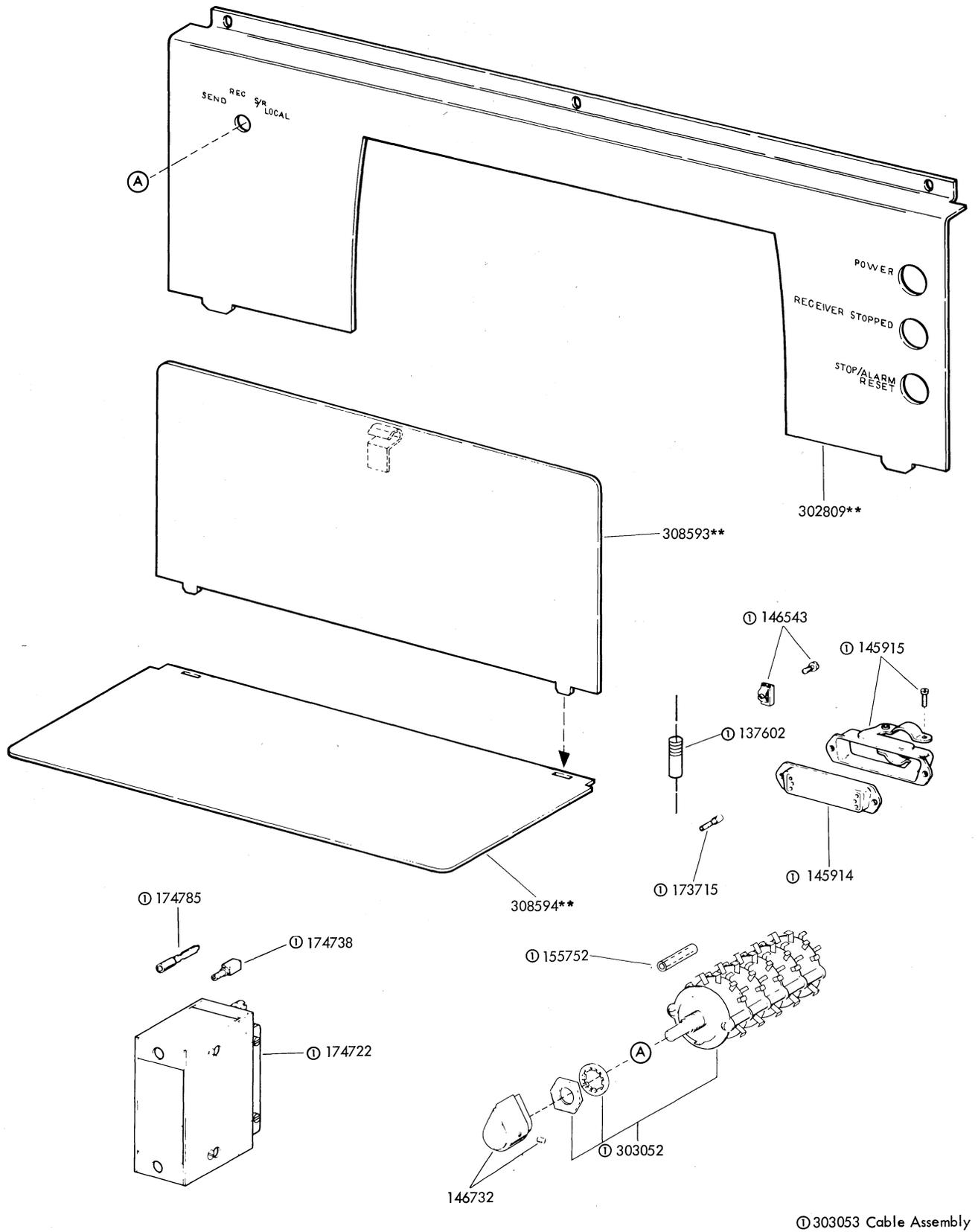
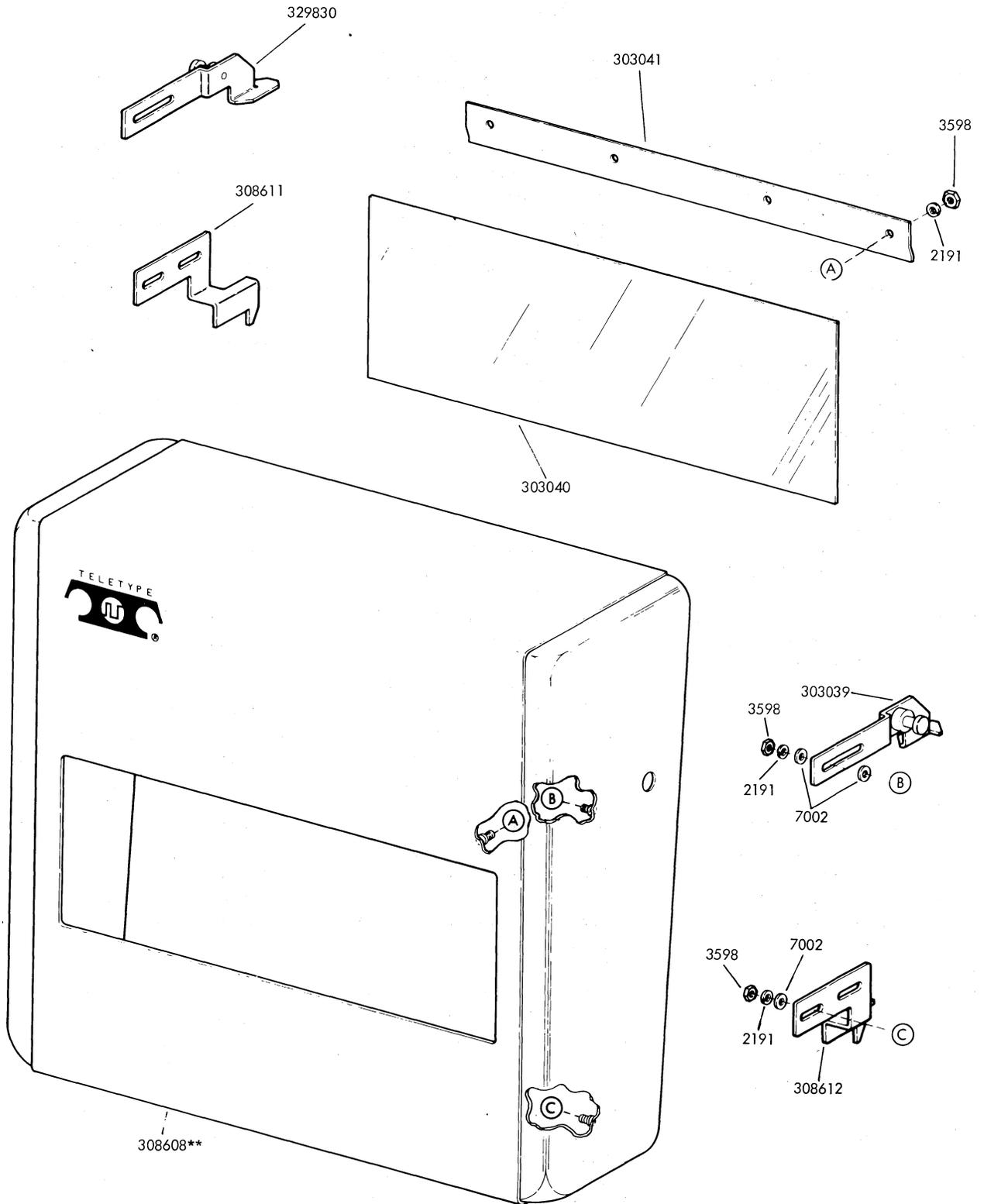


FIGURE 20. 308514 MODIFICATION KIT FOR USE WITH THE 308512 DISCRETE CALLING GENERATOR





\*\*Refer to page 1 for finish suffix

FIGURE 22. 308615\*\* COVER ASSEMBLY

## NUMERICAL INDEX

Part Number	Description and Page Number	Part Number	Description and Page Number	Part Number	Description and Page Number
1064	Screw, 10-32 x 1/2 Rd 13	87334	Washer, Insulating 14	121249	Clamp, 5/8 ID Cable 10
1170	Screw, 6-32 x 5/16 Flat 2	90790	Washer, Flat 9	123769	Fan, Motor 9
1219	Screw, 8-32 x 5/16 Fil 14	91517	Screw, 8-32 x 3/4 Rd 9	124310	Clamp 22
1253	Screw, 8-32 x 3/8 Rd 15,19	91683	Nut, 15/32-32 Hex 13,15	124611	Screw, 8-32 x 3/8 Hex 2,5
1264	Screw, 10-32 x 1/2 Flat 5	91684	Nut, 15/32-32 Ring 13	125011	Washer, Flat 9,20
1268	Screw, 6-40 x 5/16 Flat 8	92854	Connector, 2 Pt Plug 11	125100	Washer, Flat 22
1291	Screw, 6-32 x 3/4 Flat 2	93117	Lockwasher 8	125130	Screw, 6-32 x 1/2 Fil 12
2034	Washer, Flat 3	93118	Lockwasher 8	125390	Washer, Flat 14
2191	Lockwasher 2,3,4,5,6,8,9, 10,11,12,13,14,15,17,19, 20,22,23	93136	Switch, DP-DT Toggle 13,14	125802	Washer, Flat 2
2669	Lockwasher 4,5,7,8,9,13, 17	93582	Washer, Flat 13	126296	Fuse, .5 Amp 14
3438	Washer, Flat 2,5,9,22	93984	Lockwasher 17	128357	Ring, Retaining 6,22
3598	Nut, 6-40 Hex 3,4,5,8,9, 10,11,15,19,20,23	93985	Lockwasher 4	128913	Screw, 8-32 Self-Tapping 3
3599	Nut, 4-40 Hex 14	98718	Washer, Flat 5,17	129441	Block, Terminal 13
3606	Nut, 6-40 Hex 4,5,8,12, 14,15,19,20	103779	Washer, Flat 7	129784	Washer, Flat 22
3624	Washer, Flat 8	104215	Resistor, 620 Ohm 3	129920	Fuse, SL-BL 5 Amp 16
3640	Lockwasher 3,6,9,13,14, 15,17,19,20,22	104216	Resistor, 820 Ohm 3	137471	Post, Terminal 14
3646	Lockwasher 2,4,5,6,9,14, 17,22	104807	Washer, Flat 17	137601	Resistor, 68 Ohm 20
5599	Nut, 8-32 Hex 4,6,9,17	104889	Screw, 4-40 x 7/16 Flat 14,15,19	137602	Resistor, 470 Ohm 20,21
5740	Screw, 2-56 x 1/4 Fil 8	105400	Bearing, Ball 9	138538	Fuse, SL-BL 2 Amp 14
6032	Screw, 8-32 x 7/16 Fil 17	107116	Lockwasher 3,5,8,12,14, 15,17,19	139564	Nut, 3/8-32 Hex 15
6345	Nut, 6-32 Hex 2	107364	Screw, 6-32 x 3/8 Fil 3	143306	Fuse, SL-BL 1 Amp 16
7002	Washer, Flat 3,4,5,6,9, 10,11,12,14,15,19,20,23	110126	Lockwasher 9	145794	Switch, Rotary 14
8330	Washer, Flat 17,20	110191	Lockwasher 3,15,19,22	145903	Mount, Vibration 6,9
35551	Screw, 10-32 x 3/8 Flat 5	110743	Lockwasher 2,14	145913	Connector, 25 Pt Receptacle Type 12,13
44048	Washer, Flat 4,6,9,22	111017	Screw, 6-40 x 5/16 Fil 4,5,8,10,12,17	145914	Connector, 25 Pt Plug Type 12,21
45815	Lockwasher 6,22	112626	Nut, 10-32 Hex 5,6,7,9,22	145915	Clamp, Cable 12,21
58221	Screw, 6-32 x 1/4 Fil 17	112627	Nut, 2-56 Hex 8	145982	Detent, Tape Reel 6
71073	Washer, Flat 8	114478	Nut, 15/32-32 Hex 15	146355	Plunger 6
72565	Lockwasher 22	115358	Fuse, 1 Amp 5,14	146518	Roller, Spring 4
76099	Washer, Flat 8,10	117176	Fuse, SL-BL .5 Amp 16	146542	Post Assembly 13
76461	Washer, Flat 14,15	117580	Holder, Fuse 16	146543	Screw Assembly 12,21
80342	Screw, 6-40 x 23/64 Hex 12	118165	Resistor, 470,000 Ohm 14	146612	Spring, Compression 6
82702	Screw, 6-40 x 9/32 Flat 11	118187	Resistor, 27,000 Ohm 17	146637	Clip, Spring 10
82787	Spring 9	118214	Resistor, 27 Ohm 13	146718	Bushing, Snap 12
82832	Lockwasher 5	118589	Switch, Black Pushbutton 14	146732	Knob, Pointer 14,15,21
82833	Washer, Flat 7	118591	Socket, Tube 13	146997	Cap, Bushing 17
84579	Washer, Flat 4	119637**	Button, Plug 2	147553	Bracket, Guide 4
84990	Screw, 6-40 x 1/4 Flat 19	119648	Ring, Retaining 4	147554	Post, Tape Guide 4
86959	Bushing, Insulating 14	119651	Ring, Retaining 4,8	147555	Hub Assembly 6
		119652	Ring, Retaining 8	147556	Hub 6
		119653	Ring, Retaining 5,6,9,22	147557	Post, Tape Guide 4
		119654	Ring, Retaining 9	147558	Rail, Left 7
		121243	Clamp, 3/16 ID Cable 20	147559	Spring 5
		121244	Clamp, 1/4 ID Cable 3	147564	Bushing 4
		121245	Clamp, 5/16 ID Cable 3,5, 8,9,17	147566	Decalcomania 8
				147586	Lever w/Hub 9
				147588	Sleeve 8

\*\*Refer to page 1 for finish suffix

## NUMERICAL INDEX (Continued)

Part Number	Description and Page Number	Part Number	Description and Page Number	Part Number	Description and Page Number
147589	Pin 8	148908	Nut, 10-32 Wing 20	151418	Fuse, 10 Amp 13
147753	Spring, Torsion 4	149051	Rectifier Assembly 17	151442	Screw, 6-40 x 1/2 Hex 10,15
147754	Post, Spring 5	149052	Rectifier Assembly 17	151610	Washer, Flat 8
147755	Arm, Tape Sensing 4	149053	Plate, Rectifier 17	151618	Screw, 6-40 x 7/16 Fil 13,20
147760	Latch w/Post 4	149054	Insulator 17	151630	Screw, 6-40 x 1/4 Hex 5,6,10,12,15
147761	Anchor, Spring 4	149057	Screw, Nylon 4-40 x 1/2 Flat 17	151631	Screw, 6-40 x 5/16 Hex 3,4,5,9,10,12,14,15,19
147762	Shaft 4	149061	Rectifier 17	151632	Screw, 6-40 x 3/8 Hex 3,5
147763	Bracket 4	149186	Board, TB186 Terminal 18	151634	Bearing, Ball 22
147765	Bail w/Lever 4	149736	Lever 9	151657	Screw, 6-40 x 1/4 Fil 12,17
147824	Shield, Fan 6	149739	Lever 9	151658	Screw, 6-40 x 5/16 Fil 20
147881	Sleeve 8	149748	Post 9	151659	Screw, 6-40 x 1/2 Fil 11
147895	Bracket w/Plate 9,10	149749	Roller, Tape Feed 9	151685	Screw, 4-40 x 5/16 Fil 3,9
147897	Pulley 9	149756	Rail, Left Mounting 7	151686	Screw, 4-40 x 3/8 Fil 6, 14,15,20,22
147898	Pulley 9	149757	Rail, Right Mounting 7	151687	Screw, 4-40 x 7/16 Fil 2,6
147899	Shaft 9	149758	Bracket 7	151688	Screw, 4-40 x 5/8 Fil 14,15
147901	Casing w/Chute, Fan Wheel 10	149759	Post 7	151691	Screw, 10-32 x 3/8 Fil 4
147902	Clamp w/Gasket 10	149763	Post 8	151692	Screw, 6-40 x 3/16 Fil 9,20
147903	Bracket, Motor Mounting 9	149768	Pin, Hinge 8	151693	Screw, 6-40 x 9/16 Fil 9
147969	Door, Plastic 8	149773	Screw, 10-32 Shoulder 7	151722	Screw, 6-40 x 3/16 Hex 3,15
147970	Container, Universal Tape 8	149774	Channel, Left 5	151723	Screw, 10-32 x 3/8 Hex 7
147971	Cover, Rear Tape 8	149775	Channel, Right 5	151827	Strap, Terminal 5,12
147973	Pivot w/Post, Sliding 8	149778	Screw, 1/4-32 Shoulder 7	152893	Screw, 4-40 x 1/4 Hex 14,15,17,19
147974	Bracket w/Post, Pivot 8	149785**	Cabinet 2	153037	Spring 8
147975	Bracket, Hinge 8	149912	Bracket, Left 7	153103	Screw, 4-40 Self-Tapping 3
147976	Spring, Torsion 8	149913	Bracket, Right 7	153441	Screw, 10-32 x 7/16 Hex 7
147977	Arm, Low Tape 8	149914	Plate, Vibration Dampener 7	153442	Screw, 10-32 x 1/2 Hex 5
147978	Decalcomania 8	149915	Plate, Support 7	154335	Screw, 6-40 x 9/32 Fil 20
147979	Decalcomania 8	149916	Bracket, Motor Mounting 6	155023	Switch, DP-DT Toggle 15,18
148322	Switch, Rotary 15	149919	Plate w/Posts 4	155750	Sleeve, 3/32 ID x 1/2" Lg Insulating 12
148365	Handle 14,15,19	149959	Post, Tape Guide 4,7	155751	Sleeve, 1/8 ID x 1" Lg Insulating 12
148405	Bracket 15,19	149962	Post, Tape Guide 4	155752	Sleeve, 5/64 ID x 1/2" Lg Insulating 3,12,13,21
148406	Bracket 14,15,19	149964	Bracket 5	155753	Sleeve, 1/8 ID x 1/2" Lg Insulating 12
148440	Connector, 36 Pt Circuit Card 13,14,15	149971	Bail 5		
148444	Clamp, Cable 12	149974	Switch, Mercury 5,8		
148466	Fuse, 4 Amp 14	150089	Screw, 4-40 x 1/2 Fil 20		
148596	Fuse, SL-BL 25 Amp 16	150687	Stud 10		
148840	Resistor, 5 Ohm 18	150966	Insulator, Terminal 5,10, 12,17		
148841	Bar, Mounting 15	150982	Screw, 4-40 x 7/16 Fil 17		
148843	Rectifier 15,17	151073	Screw, 4-40 x 5/32 Fil 20		
148853	Capacitor, 36,000 MFD 16	151152	Screw, 4-40 x 3/16 Hex 22		
148854	Capacitor, 3,750 MFD 16	151246	Washer, Flat 15		
148855	Capacitor, 6 MFD 16	151335	Stud 5,10,12,17		
148856	Resistor, 30 Ohm 16	151346	Screw, 6-40 x 3/8 Fil 4,20,22		
148857	Resistor, 20 Ohm 16	151415	Block, Terminal 5,10,12, 17		
148859	Diode 16	151416	Nut, 6-40 Hex 5,10,12,17, 20		
148860	Diode 16				
148861	Transformer 16				

\*\*Refer to page 1 for finish suffix

## NUMERICAL INDEX (Continued)

Part Number	Description and Page Number	Part Number	Description and Page Number	Part Number	Description and Page Number
155754	Sleeve, 1/16 ID x 1/2" Lg Insulating 12,20	172406	Card, EC406 Circuit 18	177516	Card, EC516 Circuit 18
155755	Sleeve, 11/64 ID x 5/8" Lg Insulating 3,12,13	172426	Card, EC426 Circuit 18	177546	Card, EC546 Circuit 18
156450	Screw, 2-56 x 1/2 Fil 8	172428	Card, EC428 Circuit 18	177581	Card, EC581 Circuit 18
156588	Ring, Retaining 9	172441	Card, EC441 Circuit 18	177584	Card, EC584 Circuit 18
156740	Screw, 6-40 x 7/32 Hex 9	172457	Card, EC457 Circuit 18	177589	Card, EC589 Circuit 18
156768	Screw, 8-32 x 9/32 Hex 6	172715	Screw, 10-24 Captive 2	177597	Card, EC597 Circuit 18
156831	Clamp 9	172763	Nut, Grip 2	177611	Rectifier 13
156901	Post, Eccentric 9	172832	Rail, Left 18	177620	Holder, Fuse 13,14,20
157215	Mount, Vibration 7	172902	Nut, 6-32 Hex 13	180569	Spring, Compression 2
159187	Nut, 1/2-32 Hex 22	173116	Pin 4	181204	Washer, Flat 15
159610	Mount, Vibration 7	173578	Connector, 50 Pt Receptacle Type 12,13	181244	Screw w/Lockwasher, 6-40 x 7/16 Hex 12
160664	Pin, Roll 6	173579	Connector, 50 Pt Plug Type 12	181814	Capacitor, 250 MFD 17
161552	Screw, 10-32 Spl 7	173715	Terminal, Plug Type 12,20,21	182523	Clamp, 1-3/8" ID Mounting 17
161708	Latch, Magnetic 2,4	173716	Terminal, Receptacle Type 12,13	182524	Button Assembly 3
161711	Block, Guide 5	173974	Screw, 10-32 x 5/16 Hex 7,8,13	182530	Strip Assembly, Lamp 3
161716	Block, Support 5	174001	Connector, 3 Pt Receptacle 12	182539	Connector, 15 Pt Receptacle Type 20
162725	Depressor, Chad 4	174570	Switch 8	182540	Connector, 15 Pt Plug Type 20
162809	Spring 9	174578	Table Assembly 8	182584	Key Assembly 3
165008	Turret, Terminal 20	174678	Nut, Speed 3	182644	Terminal, Receptacle Type 20
165027	Network, Spark Suppression 5,20	174721	Connector, 30 Pt Plug Type 12	182650	Connector, 6 Pt Plug Type 3
165116	Terminal 3	174722	Connector, 50 Pt Plug Type 12,21	182661	Holder, Fuse 16
170631	Holder, Fuse 5	174723	Connector, 80 Pt Plug Type 12	182684	Strap 3
170863	Mount, Vibration 7	174738	Inaulator, White 12,21	183111	Label 20
171319	Resistor, 50 Ohm 16	174739	Insulator, White 12,14, 15,19	185676	Terminal, Plug Type 3,20
171501	Relay 13,20	174743	Terminal, Plug Type 12,14,15,19	192007	Terminal, Tab Type 17
171507	Relay 13	174750	Key Assembly, Locating 12,14,15,19	192013	Insulator, White 12,21
171523	Resistor, 500 Ohm 13,20	174785	Terminal, Plug Type 12,21	192014	Connector, 50 Pt Receptacle Type 12
171526	Resistor, 1,500 Ohm 16	174786	Terminal, Plug Type 12	192019	Capacitor, 3 MFD 10
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