

"DATASPEED"\* TYPES 1 AND 2 TAPE SENDER CABINET (AC)  
AND MODULES (TTD AND TTSC)  
PARTS

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Unit Description	Teletype Code	Bell System Code
Sending Cabinet	AC296** AC342**	1A** 2A**
Sending Signal Converter	TTSC500BZ TTSC800BZ TTSC801BZ	1A 2A 2A-1
Power Supply	177149BZ	1A

\*Trademark of AT&TCo

Note:

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

\*\*Refer to page 2 for Finish Suffix

PAINT FINISH COLOR CODE CHART				
For parts and assemblies requiring a paint finish				
Color	Finish Suffixes			
	Wrinkle	Smooth	Textured Vinyl	Smooth Vinyl
Black	AA(37)	BB	GA (45)	
Dark Brown	AD(38)	BL		
Gray Green	AB (40)	BK		
Charcoal Gray	AL	BZ	GB	HA
Dark Gray		EJ		HB (68)
Light Gray				
Beige Gray		EL EN	GC	HC HD
Light Beige				
Moss Green				
Eye Rest Green		EA		
Turquoise		EV		
Aqua Blue		EK		
Brussels Light Blue		EC		
Medium Blue		ES		
Cherry Red		EF		
Pastel Yellow		EG		
White		EH		
Ivory		EM		
Beige		ET		
Rose Beige		ER		
Rose Pink		EU		
Dark Covert Gray		EW	GE	HE
Light Olive Gray				HF (46)
Fawn				HG

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

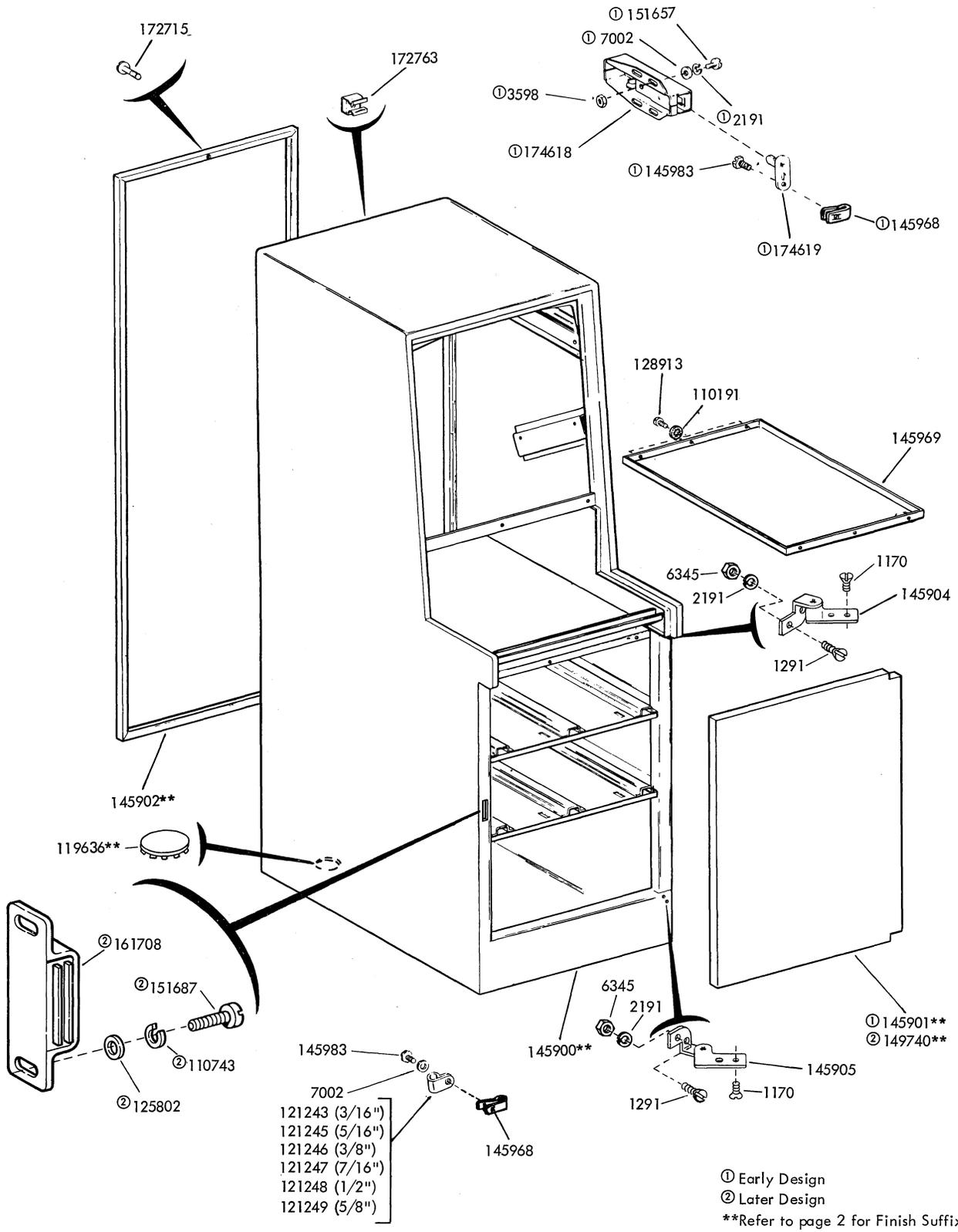
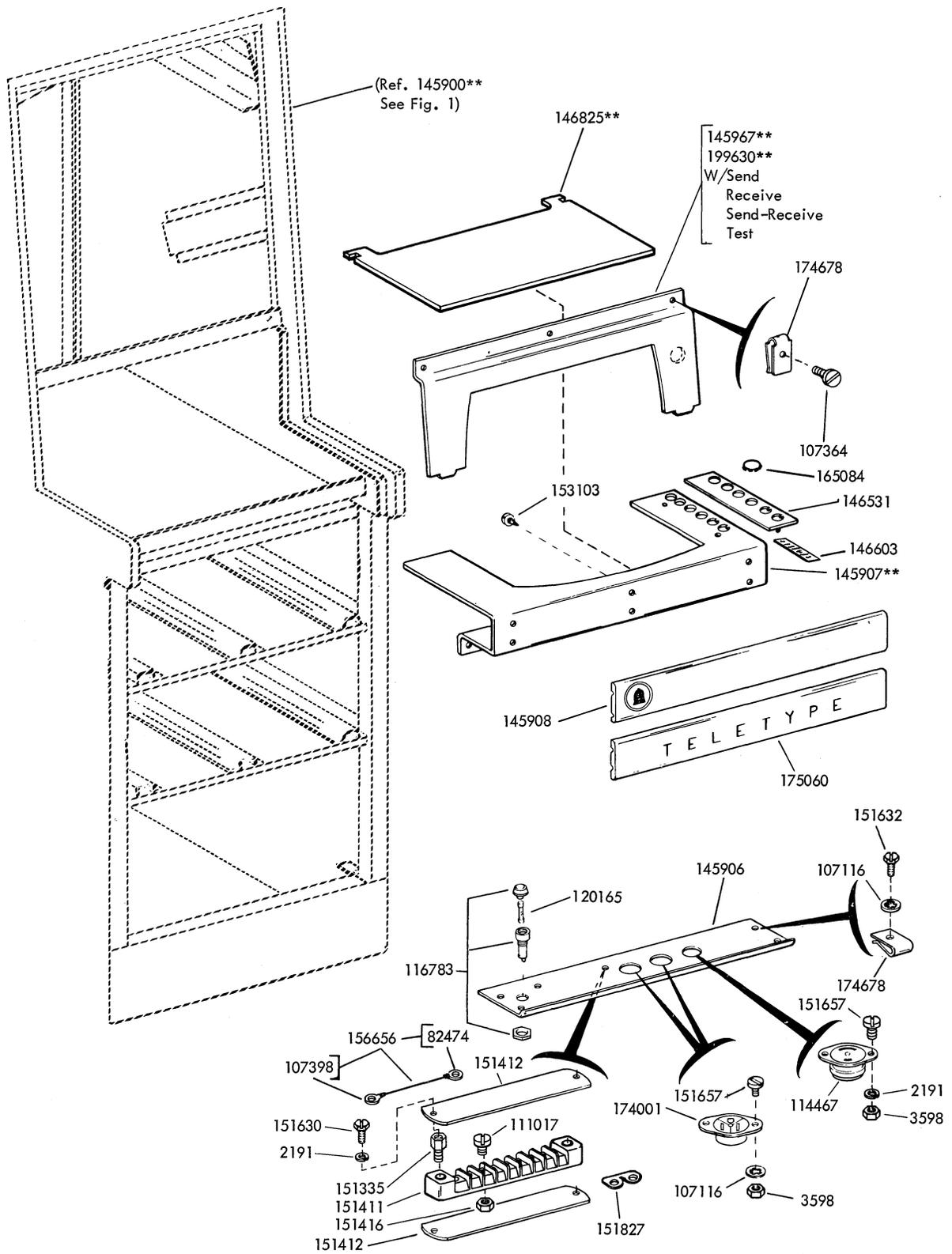


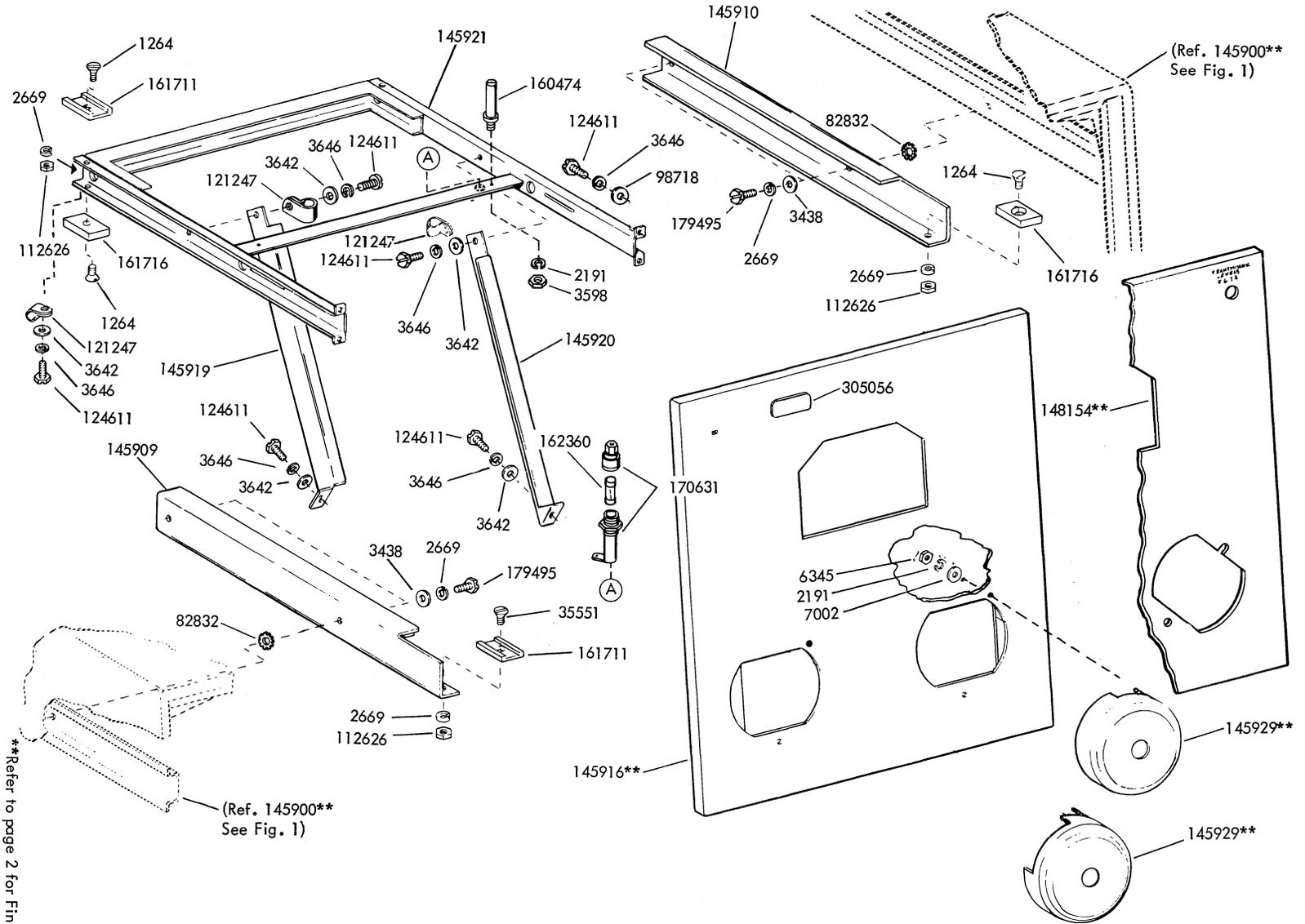
FIGURE 1. CABINET



\*\*Refer to page 2 for Finish Suffix

FIGURE 2. CABINET (Continued)

FIGURE 3. FRONT PANEL AND INNER FRAME PARTS



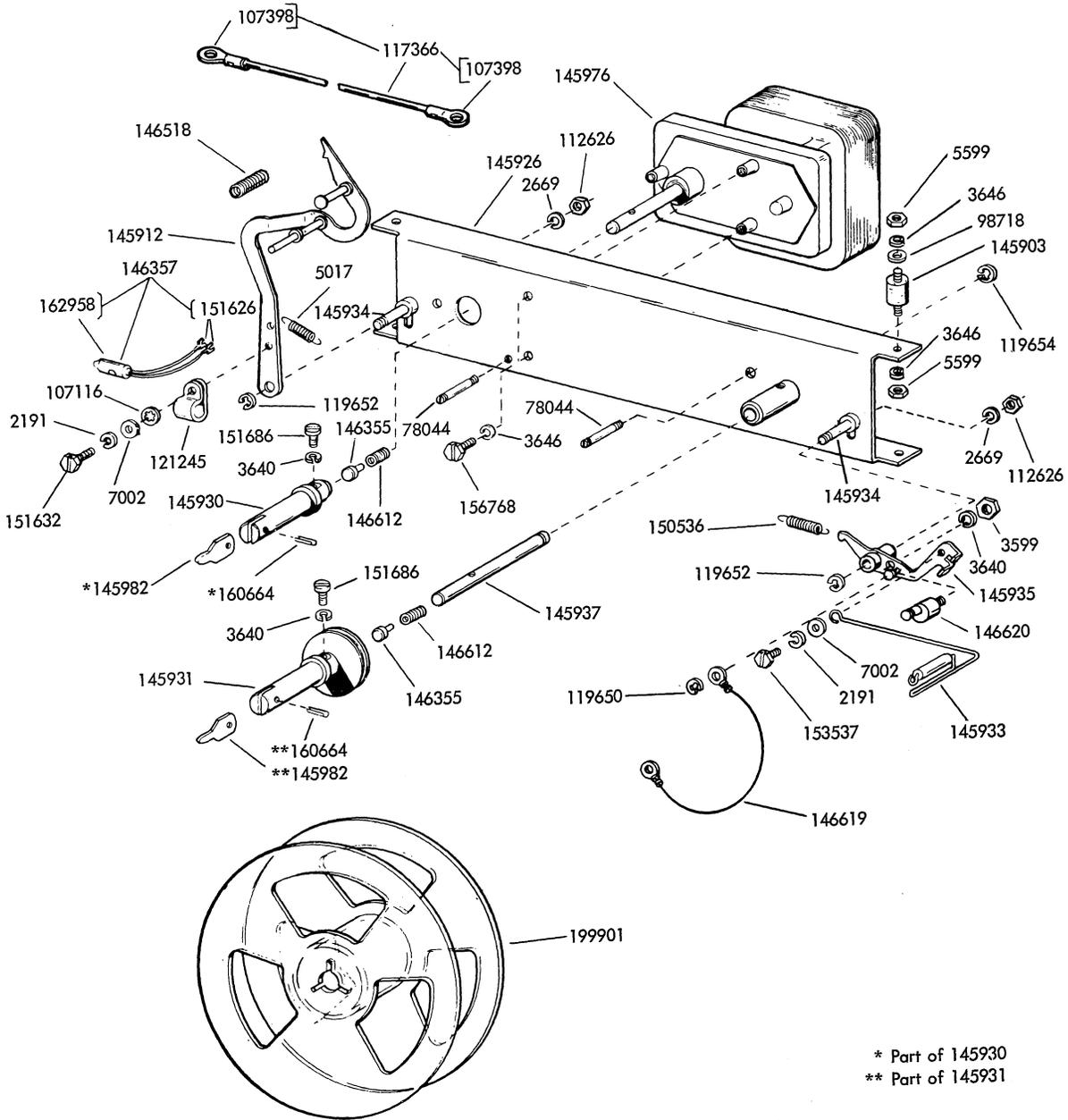
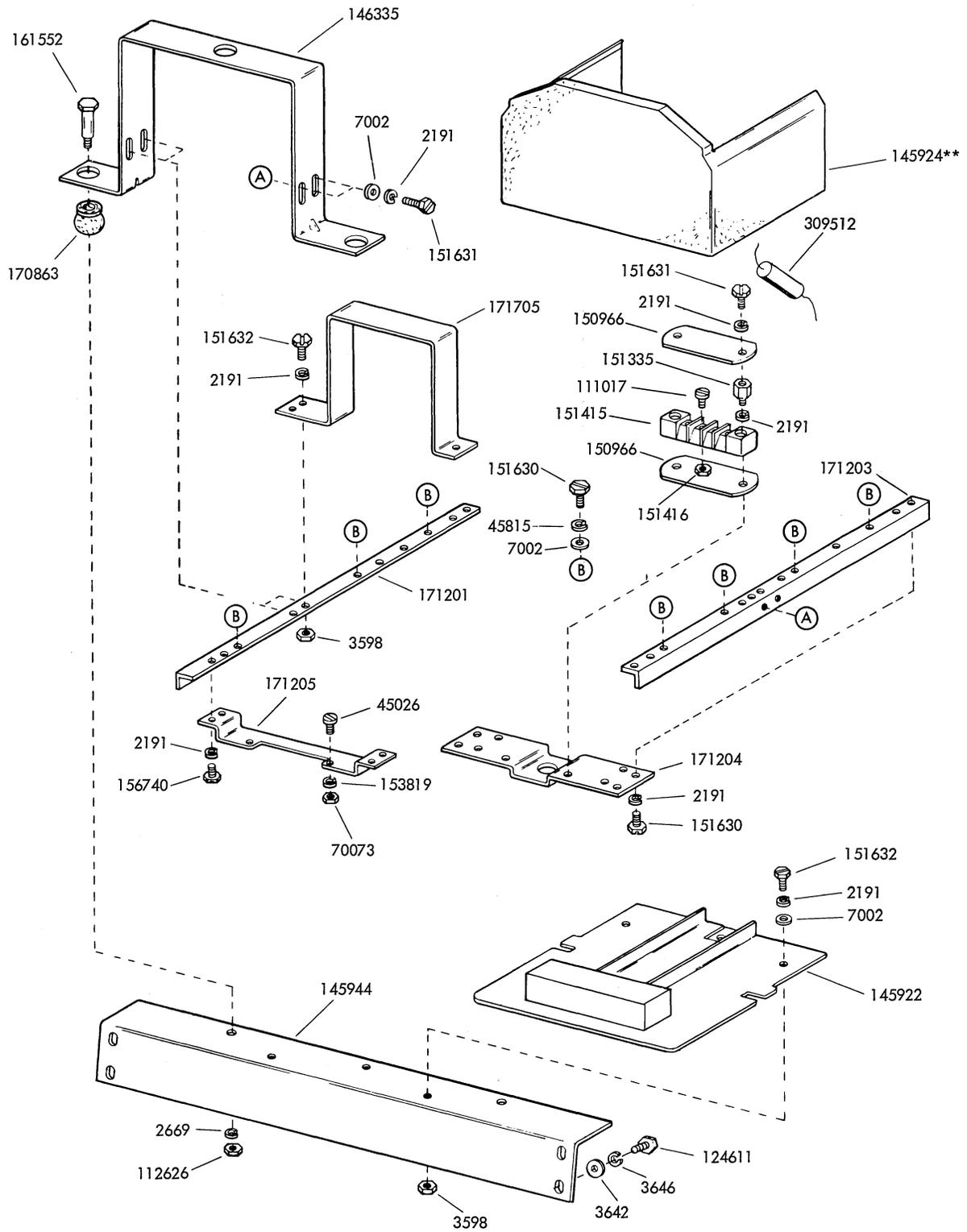
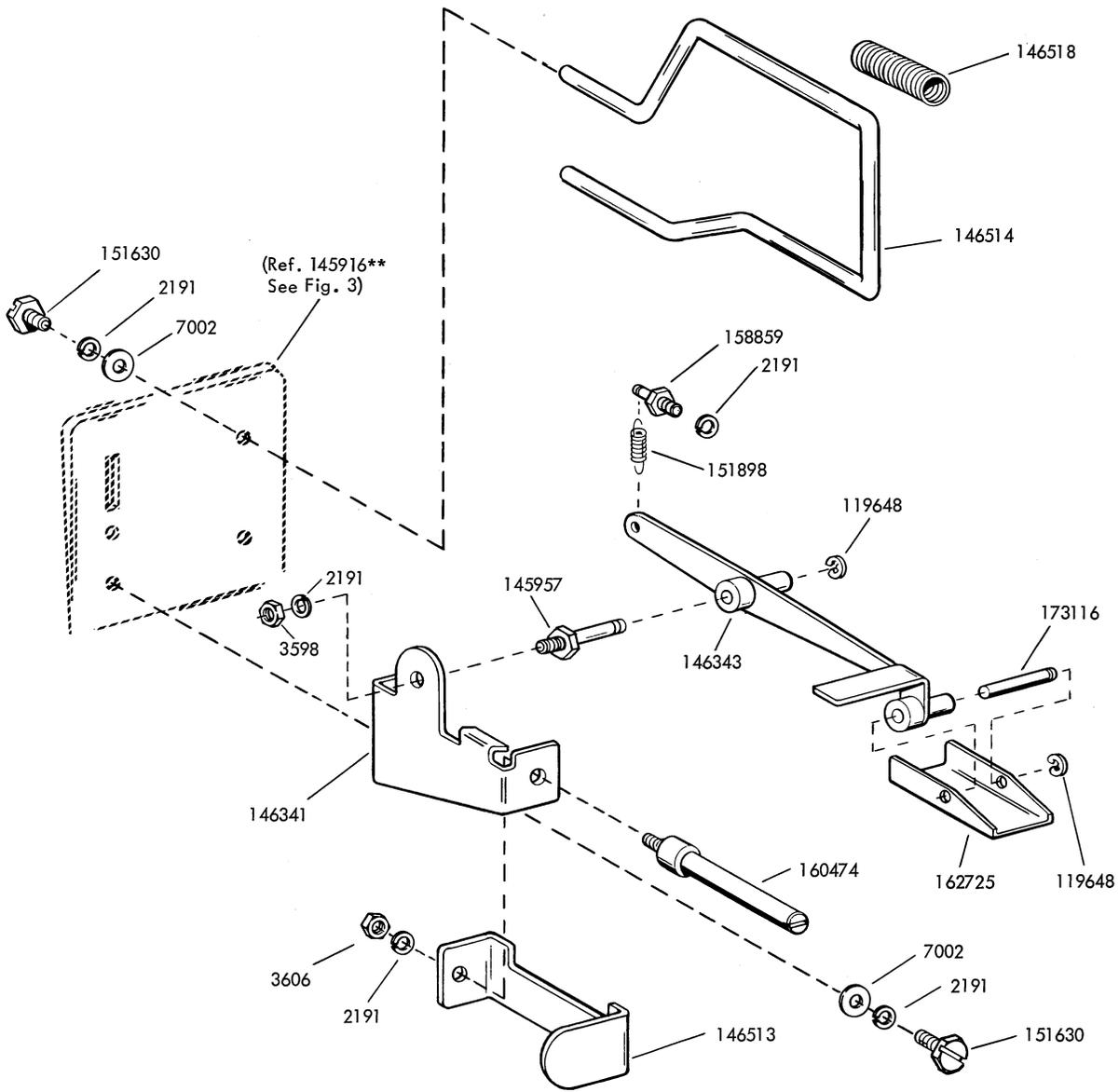


FIGURE 4. TAPE HANDLING MECHANISM



\*\*Refer to page 2 for Finish Suffix

FIGURE 5. READER MOUNTING PARTS



\*\*Refer to page 2 for Finish Suffix

FIGURE 6. TAPE GUIDE AND CHAD DEPRESSOR MECHANISM

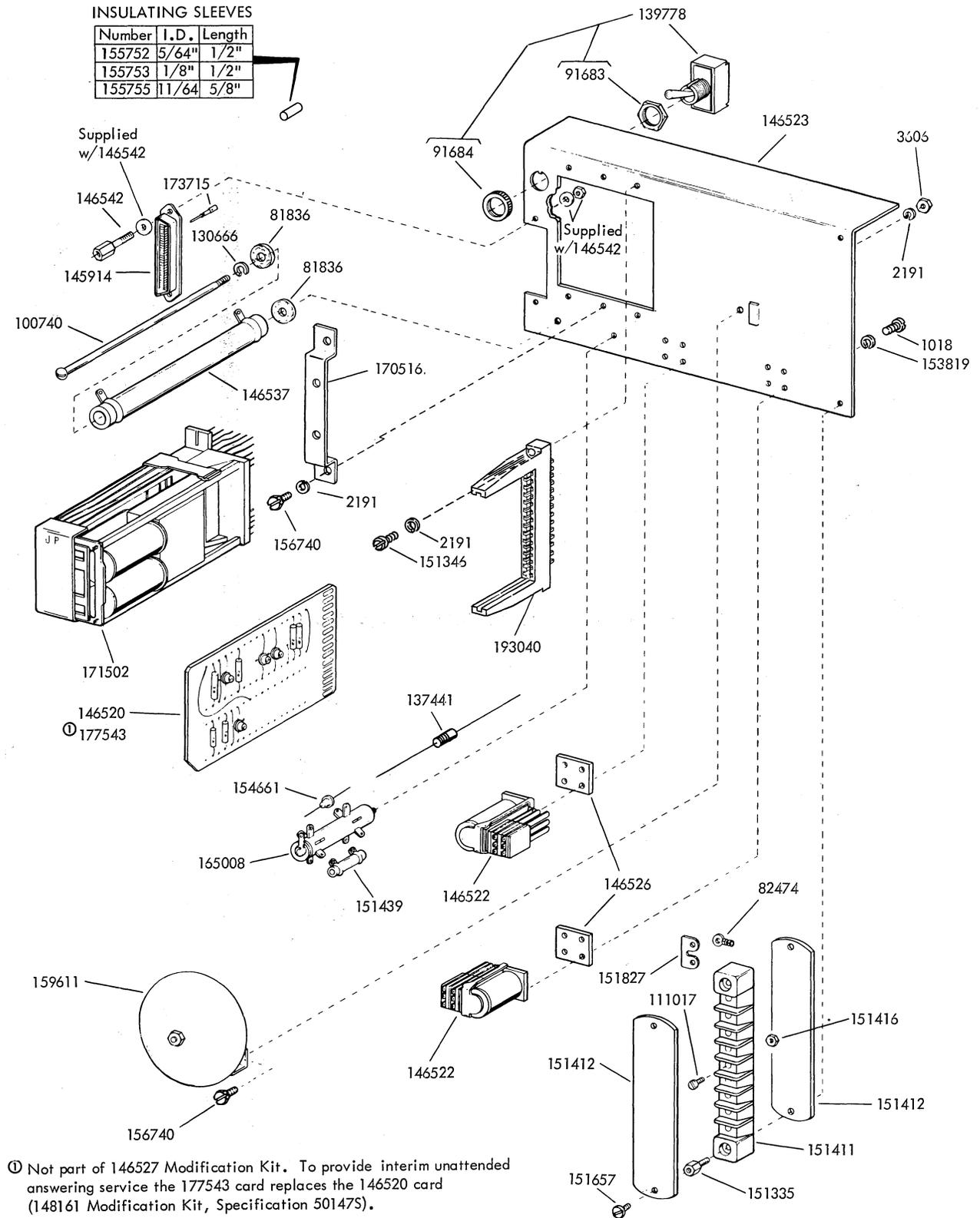


FIGURE 7. 146527 MODIFICATION KIT TO PROVIDE LINE BREAK AND AUTOMATIC ANSWER

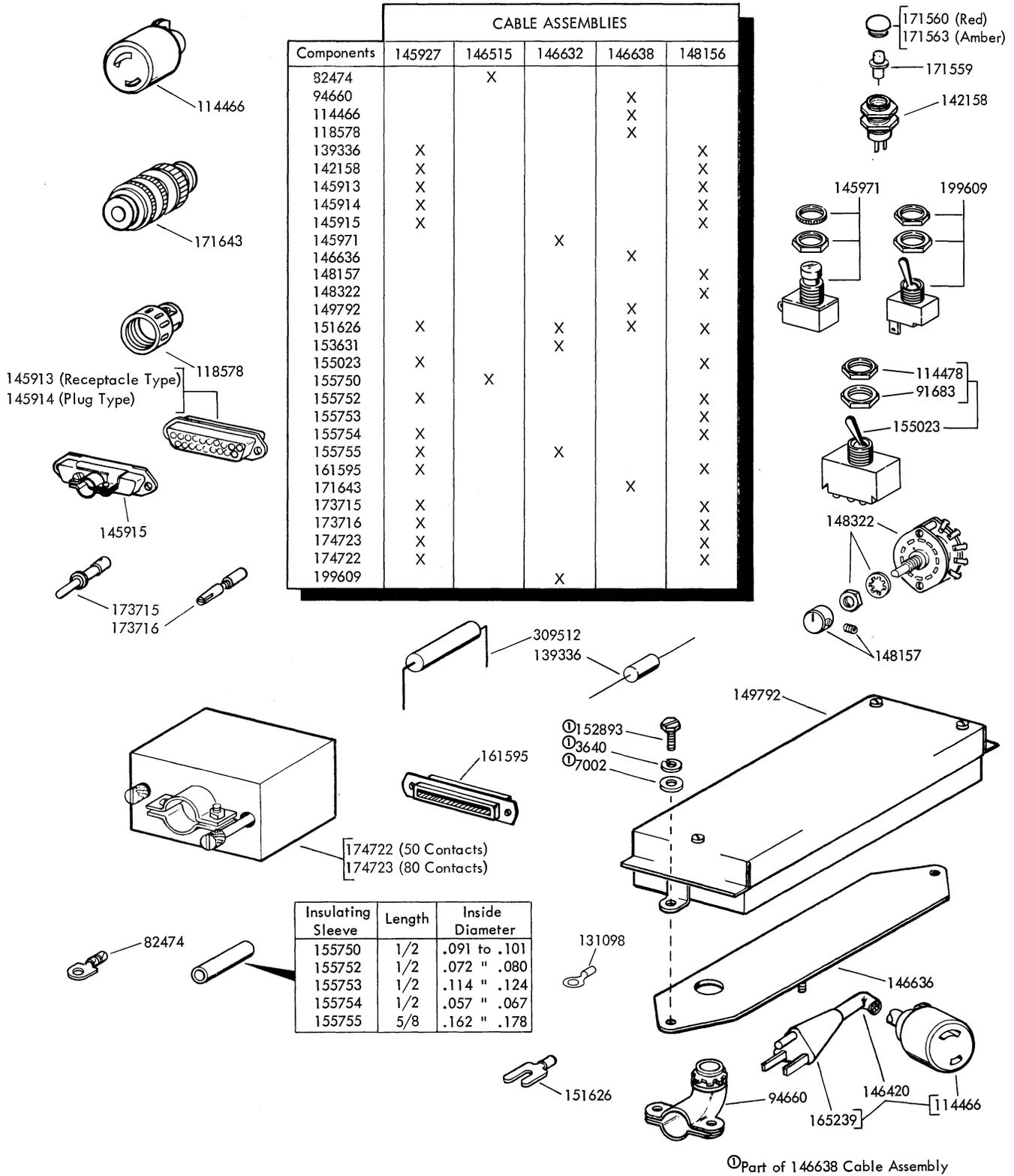
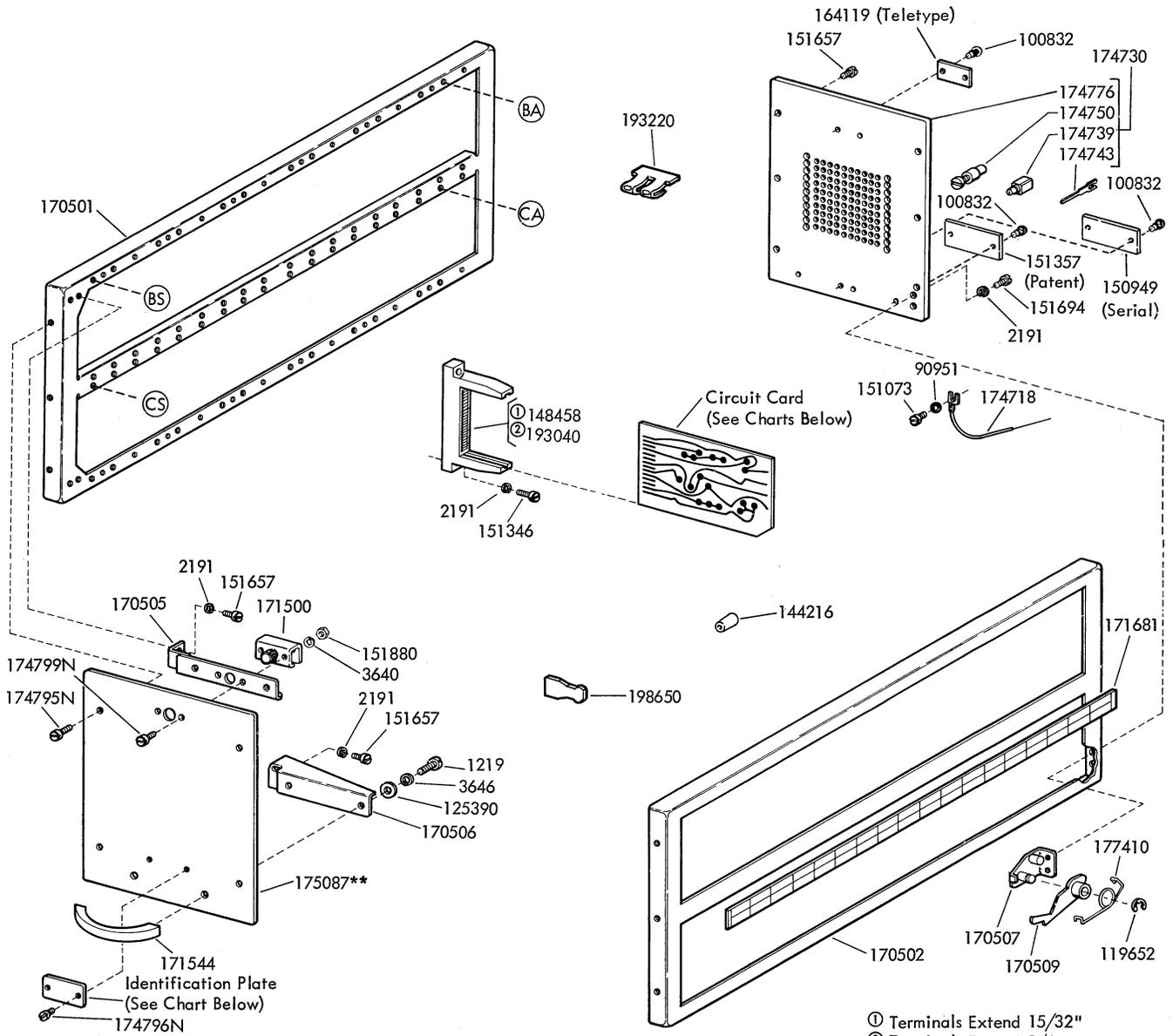


FIGURE 8. CABLE ASSEMBLIES AND COMPONENTS



① Terminals Extend 15/32"  
 ② Terminals Extend 1/4"

See Chart ①

BS	BR	BQ	BP	BN	BM	BL	BK	BJ	BH	BG	BF	BE	BD	BC	BB	BA		
				172420	172359				172321	172375	172473	172347	172365	172363	172490			
CS	CR	CQ	CP	CN	CM	CL	CK	CJ	CH	CG	CF	CE	CD	CC	CB	CA		
				172323	172359	172359	172359	172359	172359	172359				172363				

See Chart ②

Chart ②

Area	Circuit Card	Level
CF	172359	6, 7 and 8
CE	172359	7 and 8
CD	172359	8

Chart ①

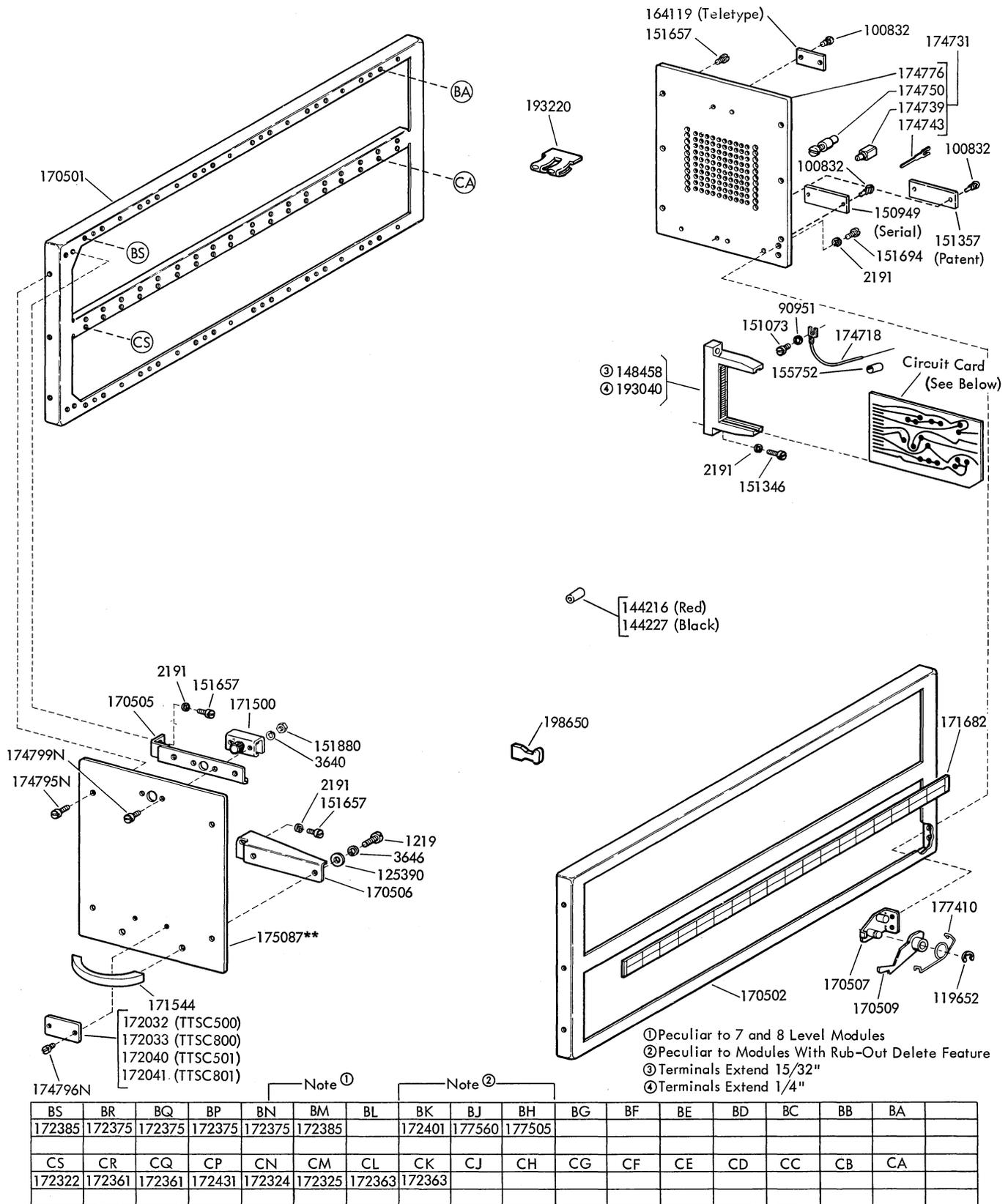
Area	Circuit Card	Baud
BQ	172391	600
	172392	750
	172393	900
	172394	1050

Identification Plate Chart

Plate No.	172010	172011	172012	172013	172038	172014	172015	172016	172017	172018	172019	172020						
Unit No.	501	502	601	602	603	701	702	703	801	802	803	804						

\*\*Refer to page 2 for Finish Suffix

FIGURE 9. TRANSMITTER DISTRIBUTOR MODULE (TTD)



\*\*Refer to page 2 for Finish Suffix

FIGURE 10. TRANSMITTER SIGNAL CONVERTER MODULE (TTSC)



## NUMERICAL INDEX

Part Number	Description and Page Number	Part Number	Description and Page Number	Part Number	Description and Page Number
1018	Screw, 3-48 x 5/16 Fil 9	121249	Clamp, 5/8" ID Cable 3	146526	Spacer, .125" Thk 9
1170	Screw, 6-32 x 5/16 Flat 3	124611	Screw, 8-32 x 3/8 Hex 5, 7	146527	Modification Kit 1, 9
1219	Screw, 8-32 x 5/16 Fil 11, 12	125390	Washer, Flat 11, 12	146531	Faceplate 4
1264	Screw, 10-32 x 1/2 Flat 5	125802	Washer, Flat 3	146537	Resistor, 25 Ohm 9
1291	Screw, 6-32 x 3/4 Flat 3	128913	Screw, 8-32 Self-Tapping 3	146542	Post Assembly 9
2191	Washer, Lock 3 to 9, 11, 12, 13	130666	Washer, Lock 9	146603	Card, Identification 4
2669	Washer, Lock 5, 6, 7	131098	Terminal, 5/8" Lg 10	146612	Spring 6
3438	Washer, Flat 5	137441	Resistor, 1200 Ohm 9	146619	Wire, Brake 6
3598	Nut, 6-40 Hex 3, 4, 5, 7, 8	139336	Resistor, 150 Ohm 10	146620	Post 6
3599	Nut, 4-40 Hex 6	139778	Switch, DP-DT Toggle 9	146632	Cable Assembly 10
3606	Nut, 6-40 Hex 8, 9	142158	Holder, Lamp 10	146636	Bracket, Mounting 10
3640	Washer, Lock 6, 10, 11, 12	144216	Connector, Red Insulated 11, 12	146638	Cable Assembly 10
3642	Washer, Flat 5, 7	144227	Connector, Black Insulated 12	146825**	Plate, Adapter 4
3646	Washer, Lock 5, 6, 7, 11, 12, 13	145900**	Shell, Cabinet 3, 4, 5	148154**	Panel, Front 5
5017	Spring 6	145901**	Door, Front 3	148156	Cable Assembly 10
5599	Nut, 8-32 Hex 6	145902**	Panel, Rear 3	148157	Knob, Gray 10
6032	Screw, 8-32 x 7/16 Fil 13	145903	Mount, Vibration 6	148161	Modification Kit 9
6345	Nut, 6-32 Hex 3, 5	145904	Hinge, Right 3	148251	Connector, 3 Pt Receptacle 13
7002	Washer, Flat 3, 5 to 8, 10	145905	Hinge, Left 3	148322	Switch, Rotary 10
35551	Screw, 10-32 x 3/8 Flat 5	145906	Panel, Service 4	148458	Connector, 15 Pt Circuit Card 11, 12
45026	Screw, 3-48 Shoulder 7	145907**	Panel, Control 4	149740**	Door, Front 3
45815	Washer, Lock 7	145908	Plate, Name 4	149792	Suppressor, Noise 10
70073	Nut, 3-48 Hex 7	145909	Channel, Left 5	150536	Spring 6
78044	Post, Spring 6	145910	Channel, Right 5	150949	Plate, Serial Number 11, 12
81836	Washer, Insulating 9	145912	Arm w/Posts 6	150966	Insulator 7
82474	Terminal 4, 9, 10	145913	Connector, 25 Pt Receptacle Type 10	151073	Screw, 4-40 x 5/32 Fil 11, 12
82832	Washer, Lock 5	145914	Connector, 25 Pt Plug Type 9, 10	151335	Stud 4, 7, 9
90951	Washer, Lock 11, 12	145915	Clamp, Front 5	151346	Screw, 6-40 x 3/8 Fil 9, 11, 12
91683	Nut, 15/32-32 Hex 9, 10, 13	145916**	Panel, Front 5, 8	151357	Plate, Patent 11, 12
91684	Nut, 15/32-32 Ring 9, 13	145919	Brace, Left 5	151411	Block, Terminal 4, 9
94660	Connector, 90° 10	145920	Brace, Right 5	151412	Insulator 4, 9
98718	Washer, Flat 5, 6	145921	Frame, Inner 5	151415	Block, Terminal 7
98819	Knob 13	145922	Pan 7	151416	Nut, 6-40 Hex 4, 7, 9
100740	Screw, 10-32 x 4-9/16 Rd 9	145924**	Cover 7	151439	Resistor, 250 Ohm 9
100832	Screw, #0 x 3/16 Drive 11, 12	145926	Plate w/Hub 6	151626	Terminal 6, 10
105803	Switch, DP-ST Toggle 13	145927	Cable Assembly 10	151630	Screw, 6-40 x 1/4 Hex 4, 7, 8
107116	Washer, Lock 4, 6	145929**	Cup, 4-1/2" ID 5	151631	Screw, 6-40 x 5/16 Hex 7
107364	Screw, 6-32 x 3/8 Fil 4	145930	Hub Assembly 6	151632	Screw, 6-40 x 3/8 Hex 4, 6, 7
107398	Terminal 4, 6	145931	Disk Assembly 6	151657	Screw, 6-40 x 1/4 Fil 3, 4, 9, 11, 12
110191	Washer, Lock 3	145933	Guide, Tape 6	151686	Screw, 4-40 x 3/8 Fil 6
110743	Washer, Lock 3	145934	Post 6	151687	Screw, 4-40 x 7/16 Fil 3
111017	Screw, 6-40 x 5/16 Fil 4, 7, 9	145935	Arm w/Hub 6	151694	Screw, 6-40 x 11/32 Fil 11, 12, 13
112626	Nut 10-32 Hex 5, 6, 7	145937	Shaft 6	151827	Strap, Terminal 4, 9
114466	Connector, 3 Pt Receptacle 10	145944	Bracket, Mounting 7	151880	Nut, 4-40 Hex 11, 12, 13
114467	Connector, 3 Pt Plug 4	145957	Stud 8	151898	Spring 8
114478	Nut, 15/32-32 Hex 10	145967**	Panel 4	152893	Screw, 4-40 x 1/4 Hex 10
116783	Holder, Fuse 4, 13	145968	Nut, #6 Speed 3	153103	Screw, 4-40 Self-Tapping 4
117366	Jumper, 8-1/2" Green 6	145969	Rack, Mounting 3	153537	Screw, 6-40 x 9/32 Hex 6
118578	Clamp, 3/4" ID Cable 10	145971	Switch, Push 10	153631	Network, Spark Suppression 10
119636**	Button, Plug 3	145976	Motor, 115 VAC 105 RPM 6	153819	Washer, Lock 7, 9
119648	Ring, Retaining 8	145978	Detent, Tape Reel 6	154661	Diode 9
119650	Ring, Retaining 6	145982	Screw, #6 Self-Tapping 3	155023	Switch, DP-DT Toggle 10
119652	Ring, Retaining 6, 11, 12, 13	145983	Screw, #6 Self-Tapping 3	155750	Sleeve, 3/32 ID x 1/2" Lg Insulating 10
119654	Ring, Retaining 6	146335	Bracket, Mounting 7	155752	Sleeve, 5/64 ID x 1/2" Lg Insulating 9, 10, 12
120124	Resistor, 33,000 Ohm 13	146341	Bracket, Chad Depressor 8	155753	Sleeve, 1/8 ID x 1/2" Lg Insulating 9, 10
120139	Fuse, 1 Amp 13	146343	Arm w/Hub 8	155754	Sleeve, 1/16 ID x 1/2" Lg Insulating 10
120165	Fuse, 10 Amp 4	146355	Plunger 6	155755	Sleeve, 11/64 ID x 5/8" Lg Insulating 9, 10
120166	Fuse, 2 Amp 13	146357	Switch, Mercury 6	156656	Jumper, 2-3/4" Black 4
121243	Clamp, 3/16" ID Cable 3	146420	Cable Assembly 10		
121245	Clamp, 5/16" ID Cable 3, 6	146513	Guide, Tape 8		
121246	Clamp, 3/8" ID Cable 3	146514	Guide, Tape 8		
121247	Clamp, 7/16" ID Cable 3, 5	146515	Cable w/Terminals 10		
121248	Clamp, 1/2" ID Cable 3	146518	Roller, Spring 6, 8		
		146520	Card, EC520 Circuit 9		
		146522	Relay, Motor Control 9		
		146523	Plate, Mounting 9		

\*\*Refer to page 2 for finish suffix

## NUMERICAL INDEX (Continued)

Part Number	Description and Page Number	Part Number	Description and Page Number	Part Number	Description and Page Number
156740	Screw, 6-40 x 7/32 Hex 7, 9	171544	Handle 2-3/4" Lg 11, 12, 13	172392	Card, EC392 Circuit 11
156768	Screw, 8-32 x 9/32 Hex 6	171559	Lamp, 28V Incandescent 10	172393	Card, EC393 Circuit 11
158859	Post, Spring 8	171560	Lens, Red Lamp 10	172394	Card, EC394 Circuit 11
159611	Bell 9	171563	Lens, Amber Lamp 10	172401	Card, EC401 Circuit 12
160474	Stud, Eccentric 5, 8	171590	Capacitor, 3 MFD 13	172420	Card, EC420 Circuit 11
160664	Pin, Roll 6	171611	Transformer 13	172431	Card, EC431 Circuit 12
161552	Screw, 10-32 Spl 7	171612	Diode 13	172473	Card, EC473 Circuit 11
161595	Connector, 36 Pt Receptacle 10	171613	Diode 13	172490	Card, EC490 Circuit 11
161708	Latch, Magnetic 3	171614	Diode 13	172715	Screw, 10-24 Captive 3
161711	Block, Guide 5	171615	Diode 13	172763	Nut, Grip 3
161716	Block, Support 5	171622	Holder, Lamp 13	173116	Pin 8
162360	Fuse, .8 Amp 5	171624	Cartridge, Amber-ON Lamp 13	173715	Terminal, Plug Type 9, 10
162725	Depressor, Chad 8	171641	Fuse, 6 Amp 13	173716	Terminal, Receptacle Type 10
162958	Switch, Mercury 6	171642	Fuse, 1.6 Amp 13	174001	Connector, 3 Pt Receptacle 4
164119	Plate, Teletype Identification 11, 12	171643	Connector, 3 Pt Receptacle 10	174618	Latch, Door 3
165008	Turret 9	171658	Fuse, 3 Amp 13	174619	Strike, Door 3
165084	Button 4	171675	Connector, 3 Pt Plug 13	174678	Nut, Speed 4
165239	Cord w/Plug 10	171681	Strip, Identification 11	174718	Jumper, 4" Black 11, 12
170501	Frame, Left 11, 12	171682	Strip, Identification 12	174722	Connector, 50 Pt Plug Type 10
170502	Frame, Right 11, 12	171705	Guard, Rear 7	174723	Connector, 80 Pt Plug Type 10
170505	Gusset, Upper 11, 12	172010	Plate, Identification 11	174728	Plate Assembly, 50 PC 13
170506	Gusset, Lower 11, 12	172011	Plate, Identification 11	174730	Plate Assembly, 50 Pt 11
170507	Bracket, Latch 11, 12, 13	172012	Plate, Identification 11	174731	Plate Assembly, 80 Pt 12
170509	Latch w/Hub 11, 12, 13	172013	Plate, Identification 11	174739	Insulator, White 11, 12, 13
170516	Bracket 9	172014	Plate, Identification 11	174743	Terminal, Plug Type 11, 12, 13
170556	Resistor, 300 Ohm 13	172015	Plate, Identification 11	174747N	Screw, 4-40 x 5/16 Fil 13
170557	Diode 13	172016	Plate, Identification 11	174750	Key Assembly 11, 12, 13
170631	Holder, Fuse 5	172017	Plate, Identification 11	174776	Plate, Connector 11, 12
170863	Mount, Vibration 7	172018	Plate, Identification 11	174795N	Screw, 6-40 x 1/4 Fil 11, 12
171201	Rail, Left 7	172019	Plate, Identification 11	174796N	Screw, 2-56 x 5/64 Fil 11, 12
171203	Rail, Right 7	172020	Plate, Identification 11	174797N	Screw, 6-40 x 3/8 Fil 13
171204	Bracket 7	172032	Plate, Identification 12	174799N	Screw, 4-40 x 11/32 Fil 11, 12
171205	Bracket, Connector Mounting 7	172033	Plate, Identification 12	175060	Plate, Name 4
171440	Capacitor, 10,000 MFD 13	172038	Plate, Identification 11	175087**	Plate, Front 11, 12
171442	Rheostat, 2 Ohm 13	172040	Plate, Identification 12	177149**	Module Assembly 1, 13
171443	Rheostat, 10 Ohm 13	172041	Plate, Identification 12	177294	Jack, Black Banana 13
171445	Resistor, 15 Ohm 13	172321	Card, EC321 Circuit 11	177410	Spring, Latch 11, 12, 13
171446	Resistor, 120 Ohm 13	172322	Card, EC322 Circuit 12	177505	Card, EC505 Circuit 12
171447	Switch, Rotary 13	172323	Card, EC323 Circuit 11	177543	Card, EC543 Circuit 9
171448	Resistor, 10 Ohm 13	172324	Card, EC324 Circuit 12	177560	Card, EC560 Circuit 12
171449	Voltmeter 13	172325	Card, EC325 Circuit 12	179495	Screw, 10-24 x 1/2 Hex 5
171450	Capacitor, .5 MFD 13	172347	Card, EC347 Circuit 11	193040	Connector w/Guide Slot 9, 11, 12
171451	Capacitor, 3500 MFD 13	172359	Card, EC359 Circuit 11	193220	Clip, Jumper 11, 12
171452	Capacitor, 17,000 MFD 13	172361	Card, EC361 Circuit 12	198650	Key, Polarizing 11, 12
171453	Capacitor, 6200 MFD 13	172363	Card, EC363 Circuit 11, 12	199609	Switch, SP-ST Toggle 10
171454	Capacitor, 48,000 MFD 13	172365	Card, EC365 Circuit 11	199630**	Panel 4
171500	Fastener 11, 12, 13	172375	Card, EC375 Circuit 11, 12	199901	Reel, Tape 6
171502	Relay 9	172385	Card, EC385 Circuit 12	305056	Plate, Identification 5
171531	Resistor, 3000 Ohm 13	172391	Card, EC391 Circuit 11	309512	Suppressor, Spark 7, 10

\*\*Refer to page 2 for finish suffix