

STROBOSCOPIC TEST SET (LSS)

PARTS

FIGURE	CONTENTS	PAGE
1	Cabinet Shell and Component Parts	2
2	Cabinet Shell with Control Box and Components Parts	3
3	Electrical Components	4
4	Base Plate, Bracket and Electrical Components	5
5	Gear Shift Mechanism	6
6	Gear Shift Bracket with Distributor Disk Mechanism	7
7	161200 Motor and Cable Assembly	8
8	161198 Hub Assembly	9
9	161217 500MA Rectifier and Cable Assembly	10
10	145891 and 161207 Cable Assemblies	11
11	161199 and 163651 Cable Assemblies	11
12	Cables for the LSS201** Test Set	12
13	Cables for the LSS201** Test Set (Continued)	13
14	Adapter Cables for the LSS202** Test Set	14
15	Cables for the LSS202** Test Set	15
	Numerical Index	16

PAINT FINISH COLOR CODE CHART (for parts and assemblies requiring a paint finish)				
Color	Finish Suffixes			
	Wrinkle Finish	Smooth Finish	Textured Vinyl	Smooth Vinyl
Black	AA (37)	BA (34)		
Black, High Gloss	AD (38)			
Brown, Dark	AC (39)			
Brown, Light				
Gray, Green	AB (40)		GA (45)	
Gray, Light				HB (68)
Gray, Olive				HF (46)
Green, Gray	AB (40)		GA (45)	

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

NOTE:

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

TELETYPE CODE BELL SYSTEM CODE

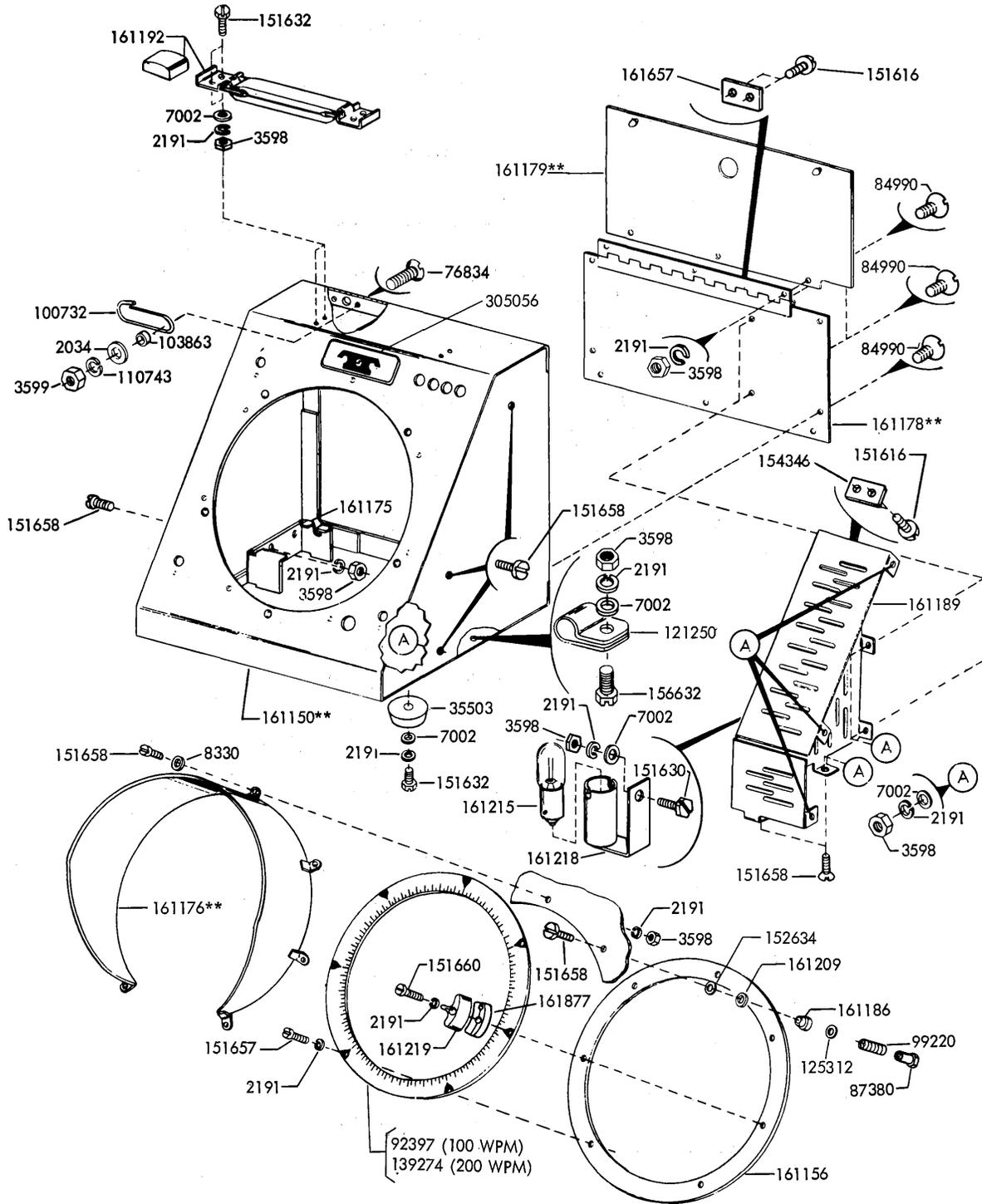
LSS200** 28A**
LSS202** 28B**

Prepared for American Telephone and Telegraph by Teletype Corporation.

© 1959 and 1961 by Teletype Corporation.

All rights reserved.

Printed in U.S.A.



**Refer to page 1 for finish suffix

FIGURE 1. CABINET SHELL AND COMPONENT PARTS

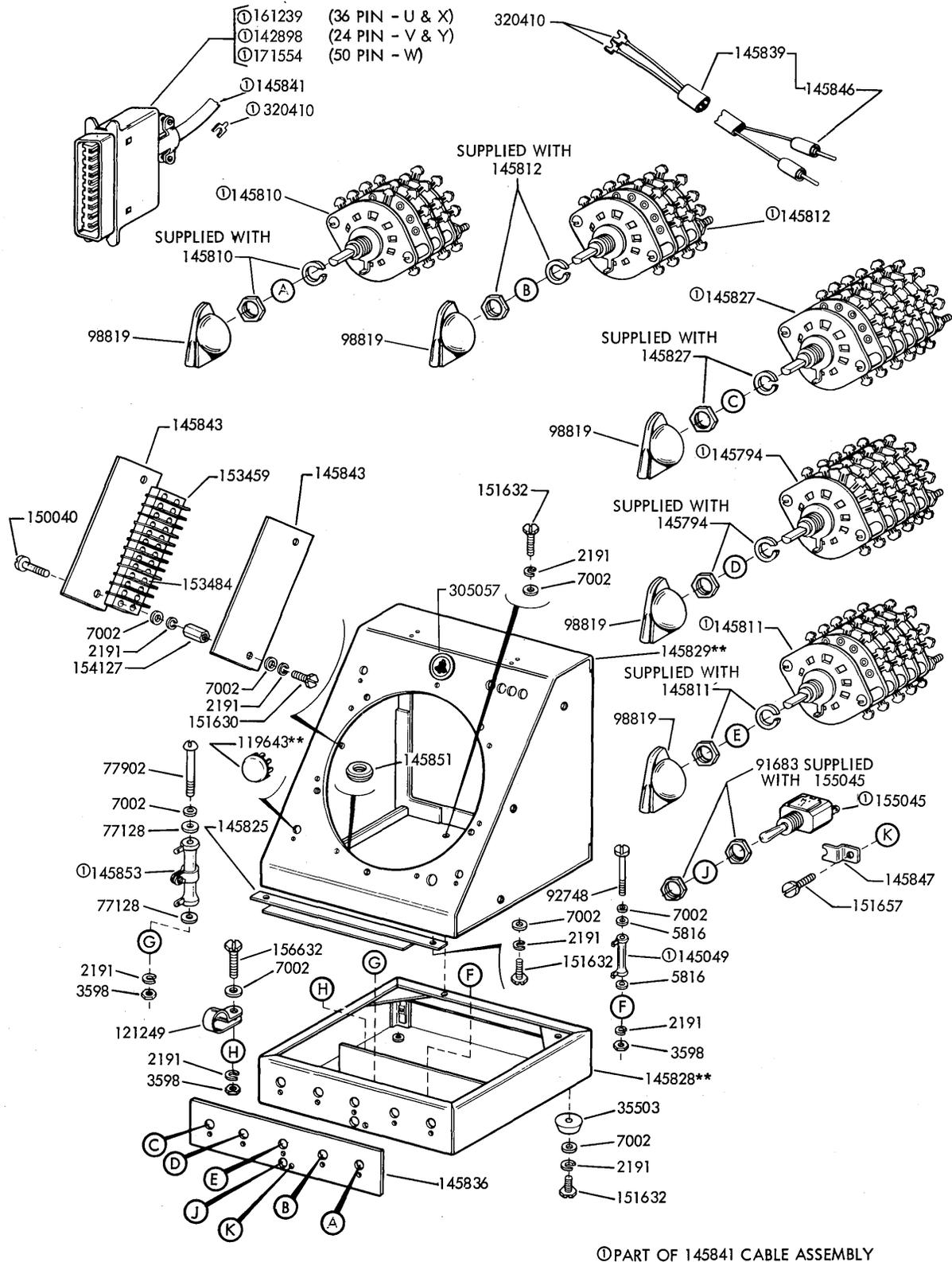
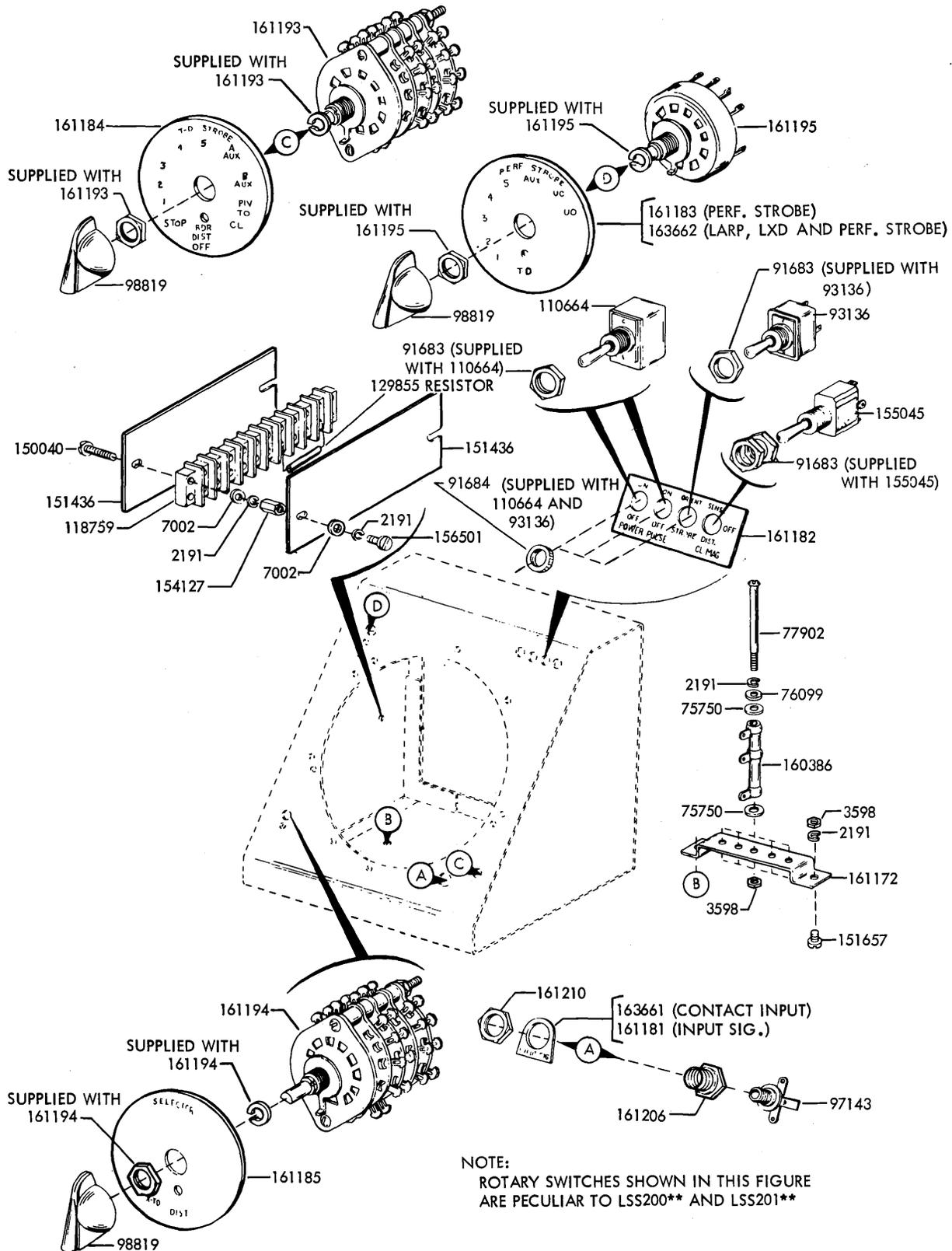


FIGURE 2. CABINET SHELL WITH CONTROL BOX AND COMPONENT PARTS



**Refer to page 1 for finish suffix

FIGURE 3. ELECTRICAL COMPONENTS

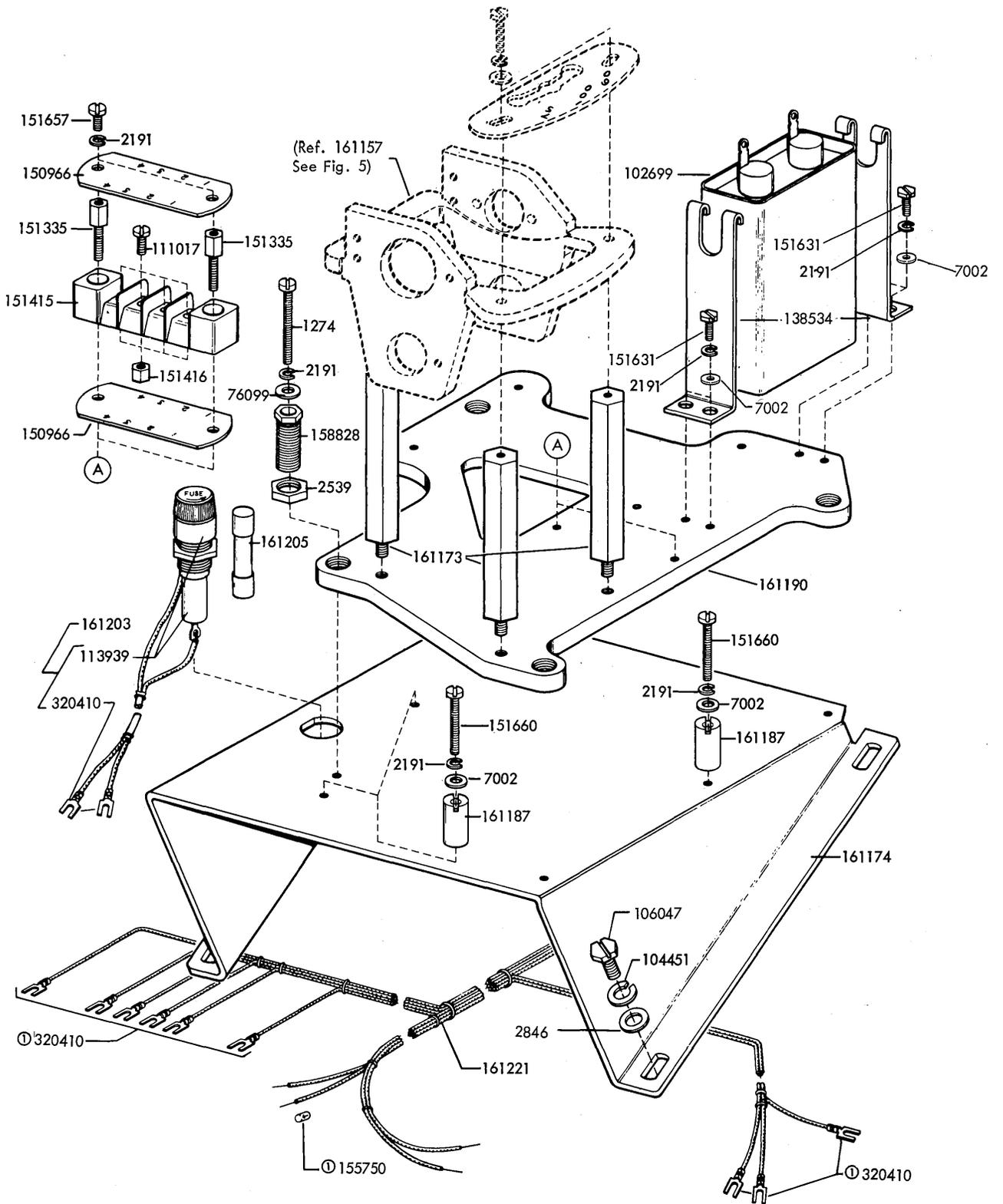


FIGURE 4. BASE PLATE, BRACKET AND ELECTRICAL COMPONENTS

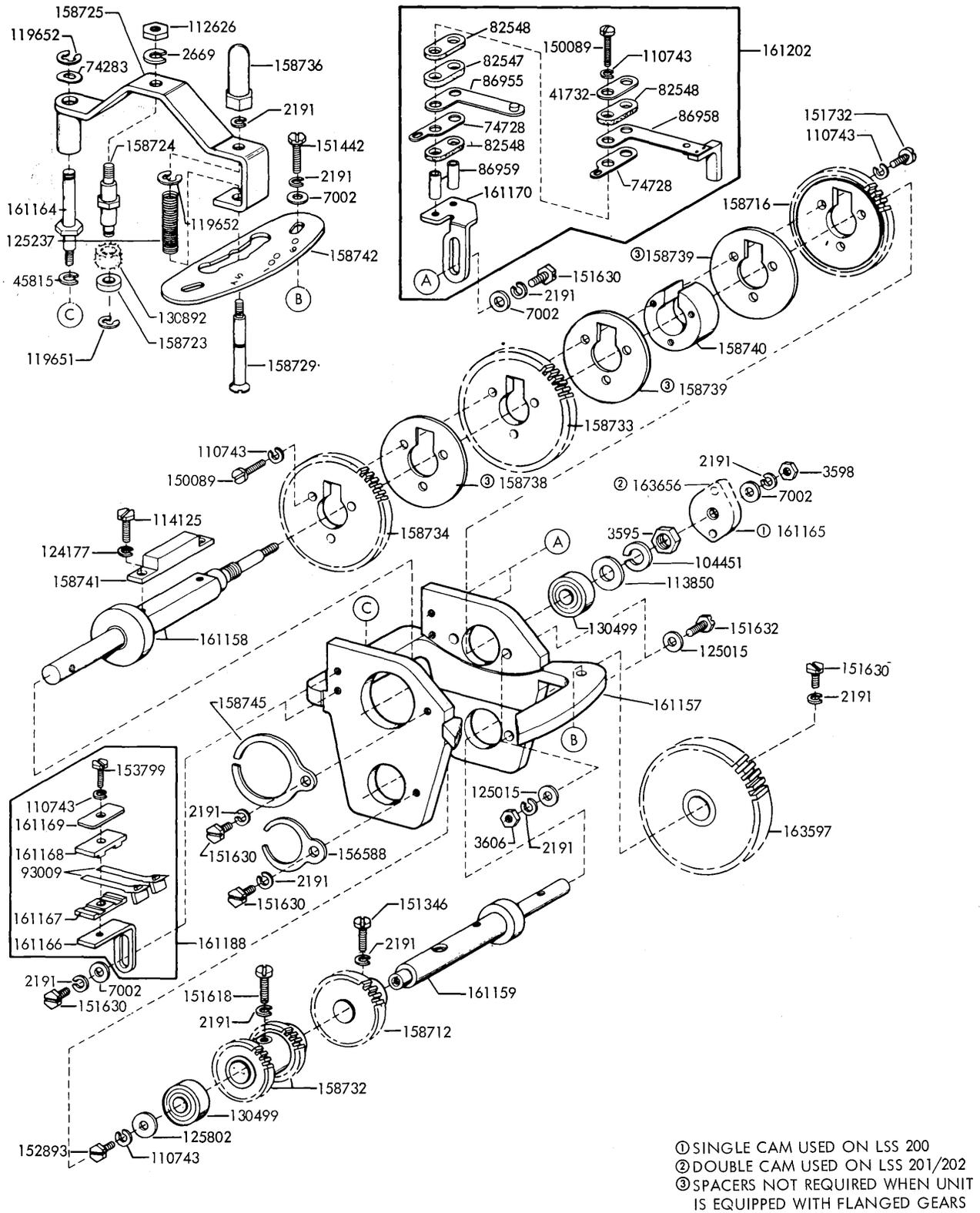


FIGURE 5. GEAR SHIFT MECHANISM

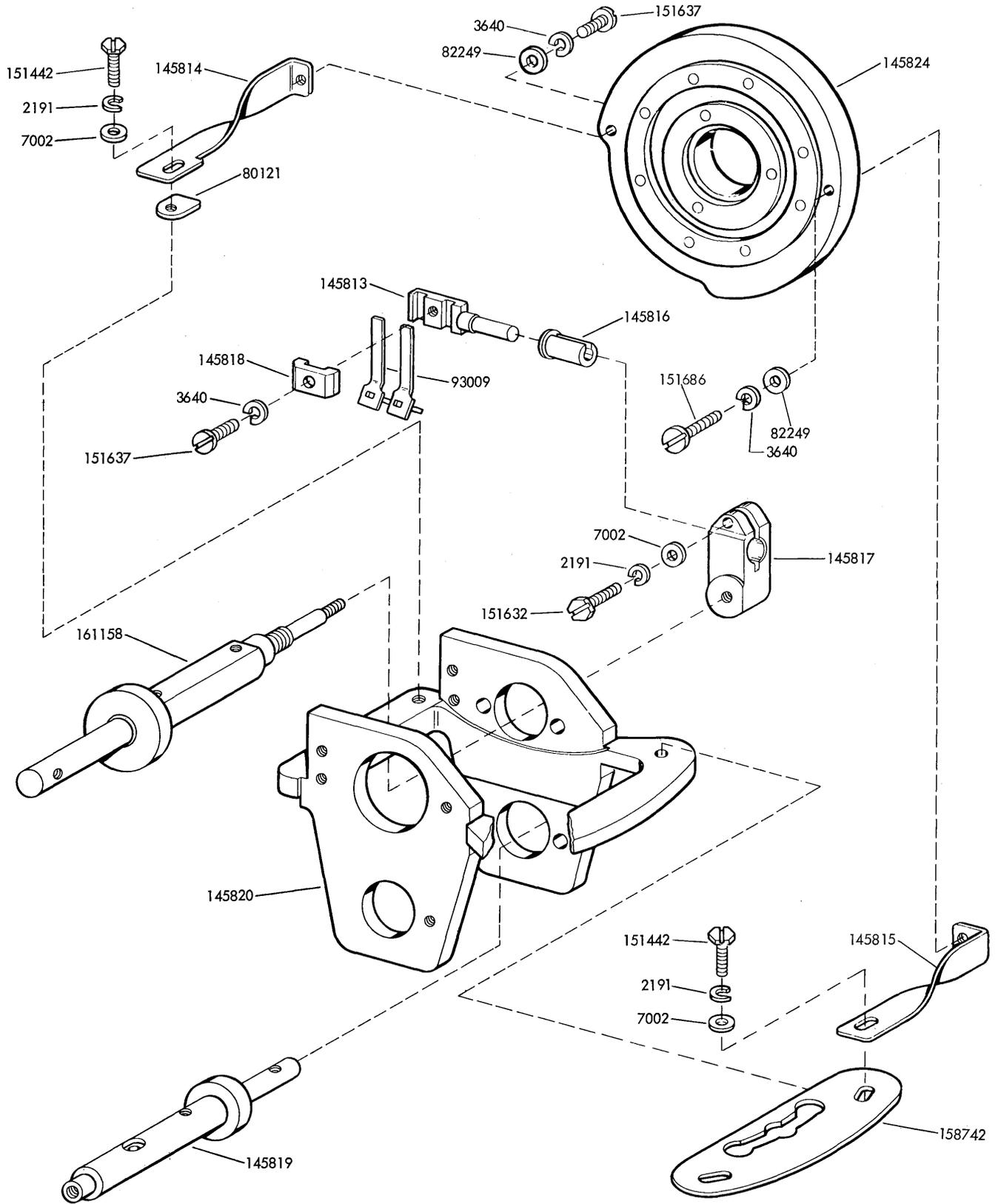
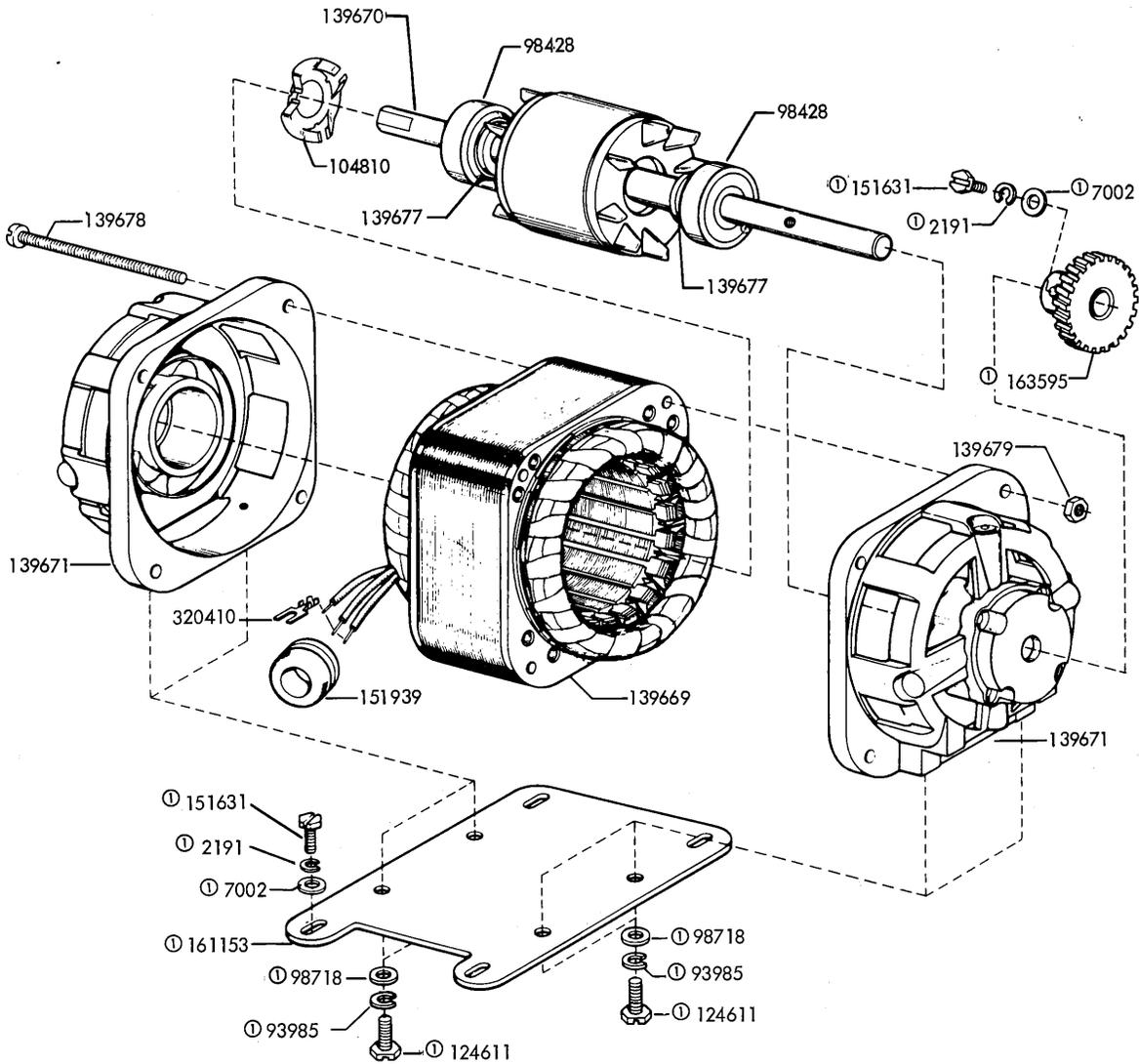
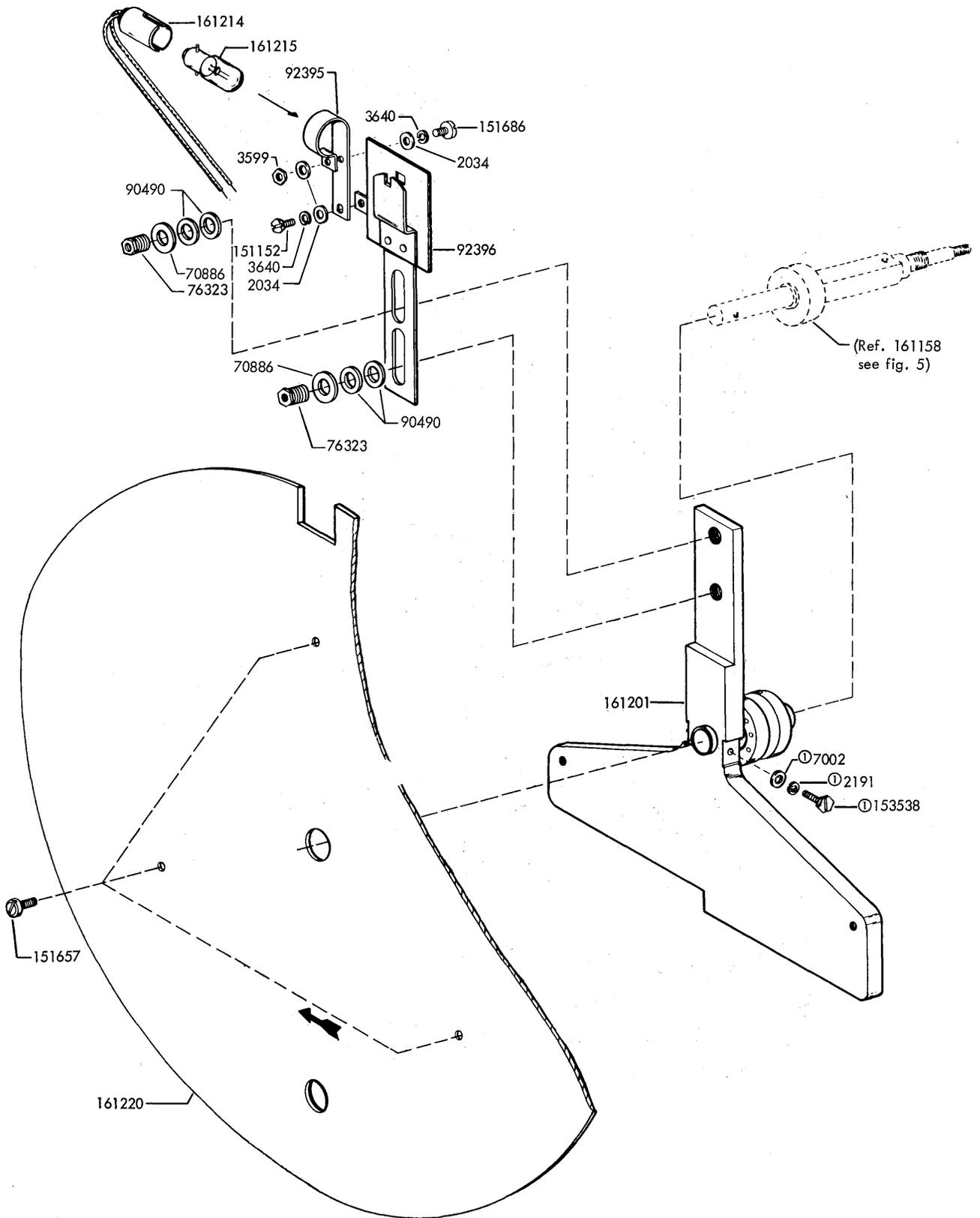


FIGURE 6. GEAR SHIFT BRACKET WITH DISTRIBUTOR DISK MECHANISM



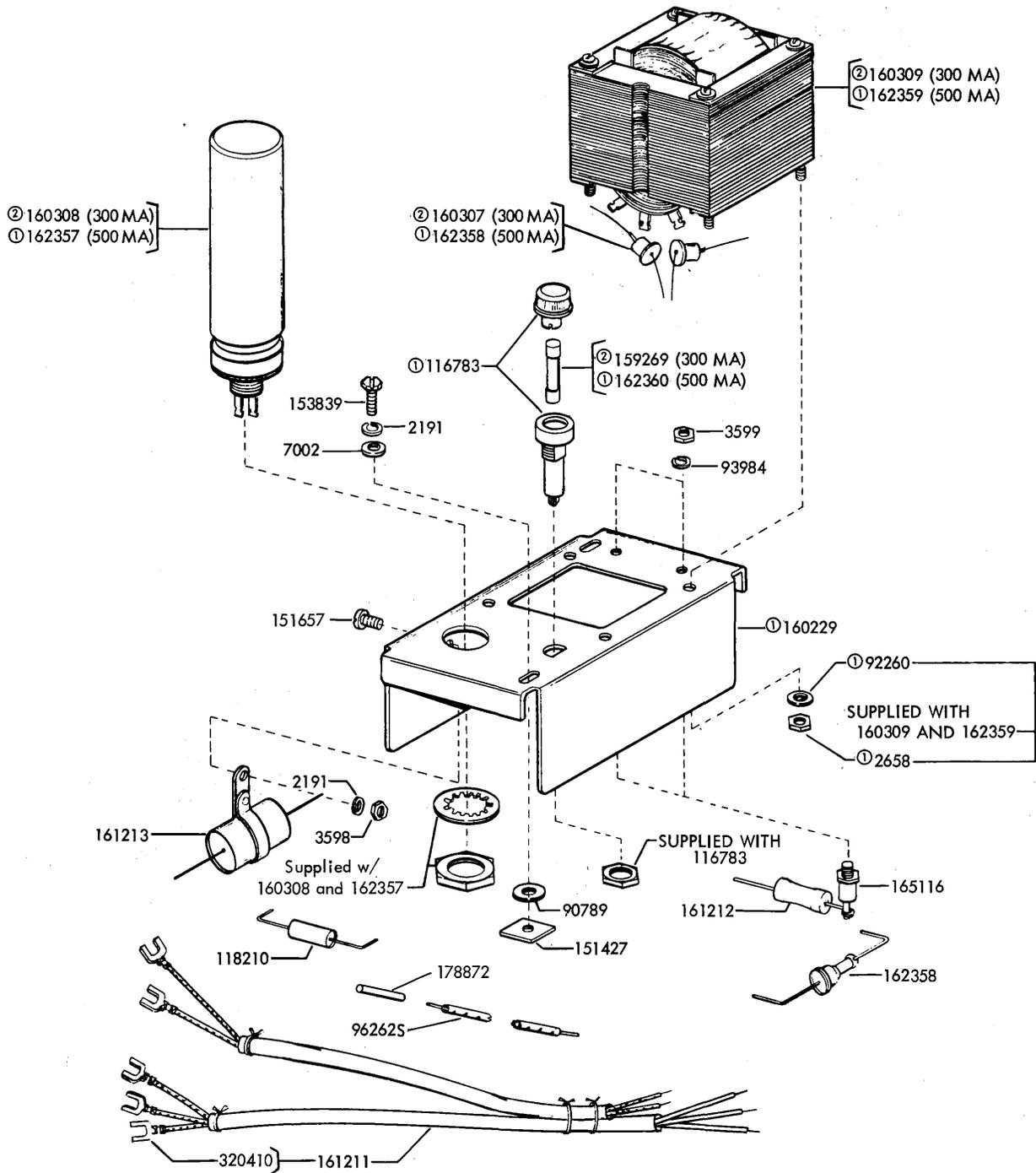
Ⓢ NOT PART OF 161200

FIGURE 7. 161200 MOTOR AND CABLE ASSEMBLY



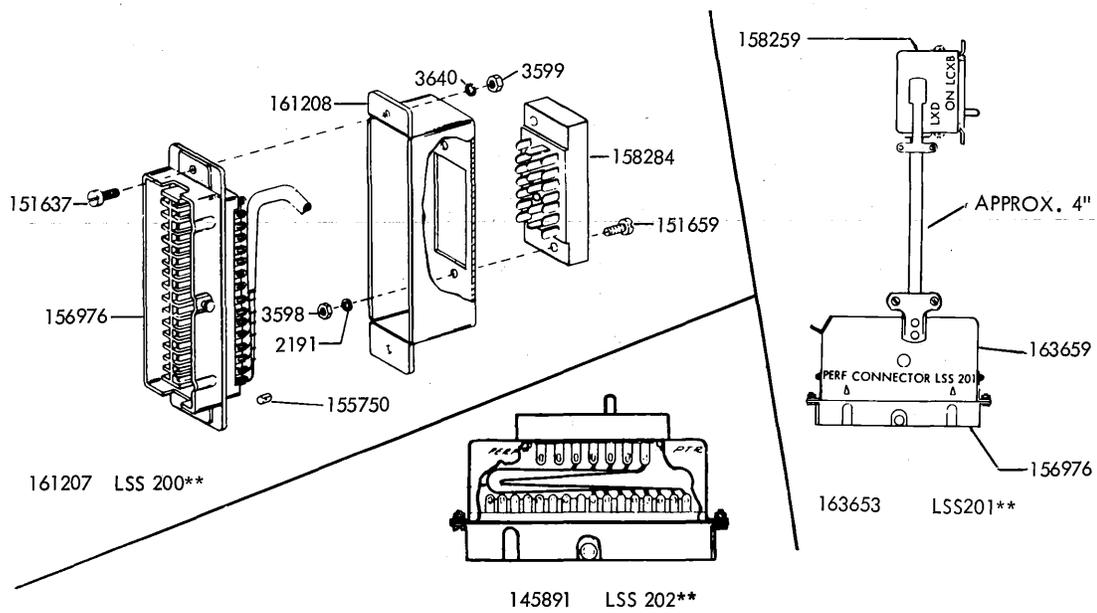
Ⓞ NOT PART OF 161198

FIGURE 8. 161198 HUB ASSEMBLY



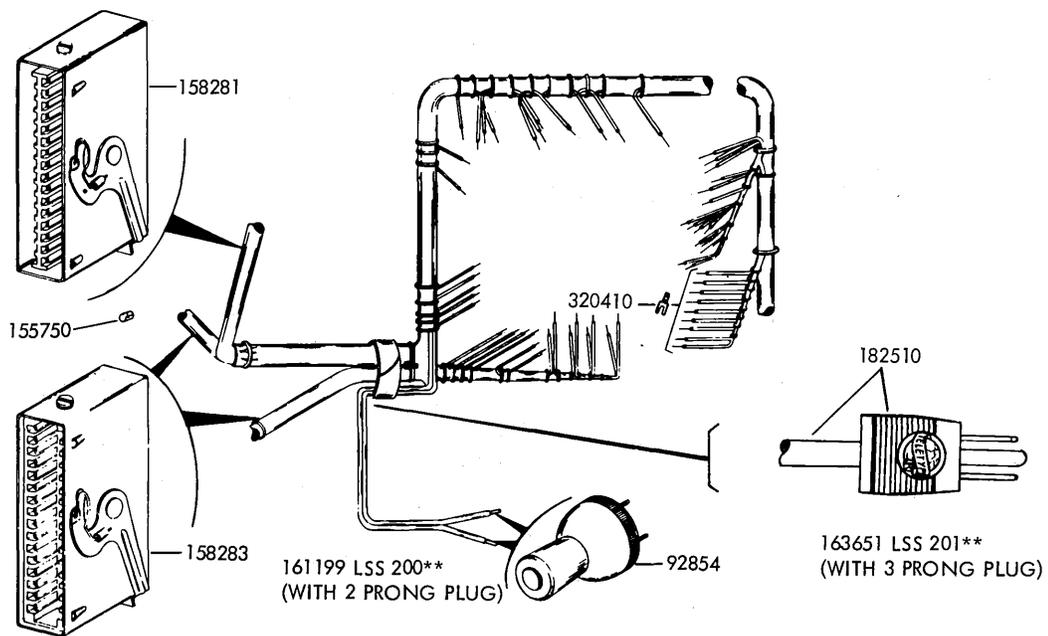
① 162356 Rectifier (500MA)
 ② Early Design (300MA) Rectifier

FIGURE 9. 161217 500 MA RECTIFIER AND CABLE ASSEMBLY



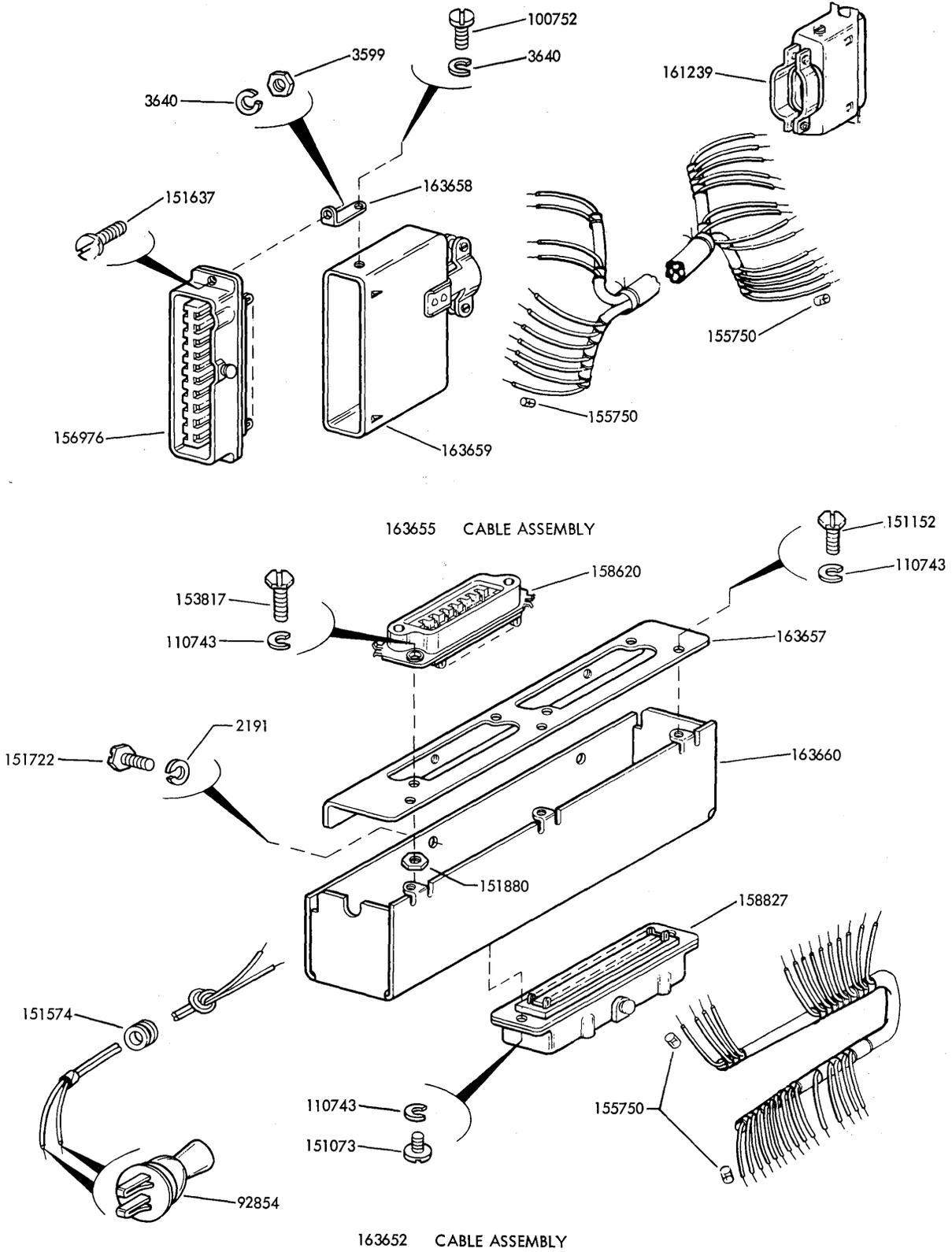
**Refer to page 1 for finish suffix

FIGURE 10. 145891, 161207 AND 163653 CABLE ASSEMBLIES



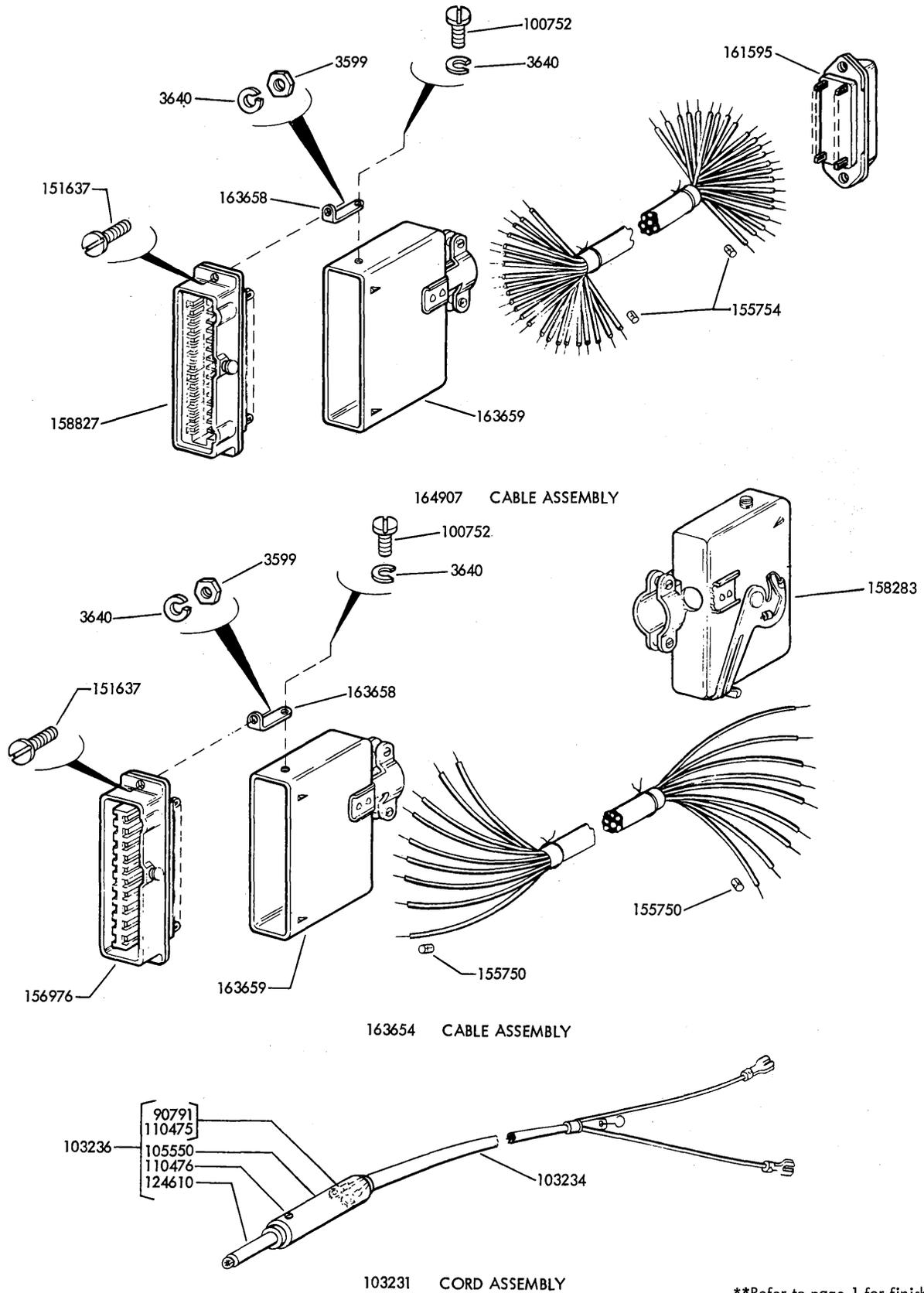
**Refer to page 1 for finish suffix

FIGURE 11. 161199 AND 163651 CABLE ASSEMBLIES



**Refer to page 1 for finish suffix

FIGURE 12. CABLES FOR THE LSS201** TEST SET



**Refer to page 1 for finish suffix

FIGURE 13. CABLES FOR THE LSS201** TEST SET (CONTINUED)

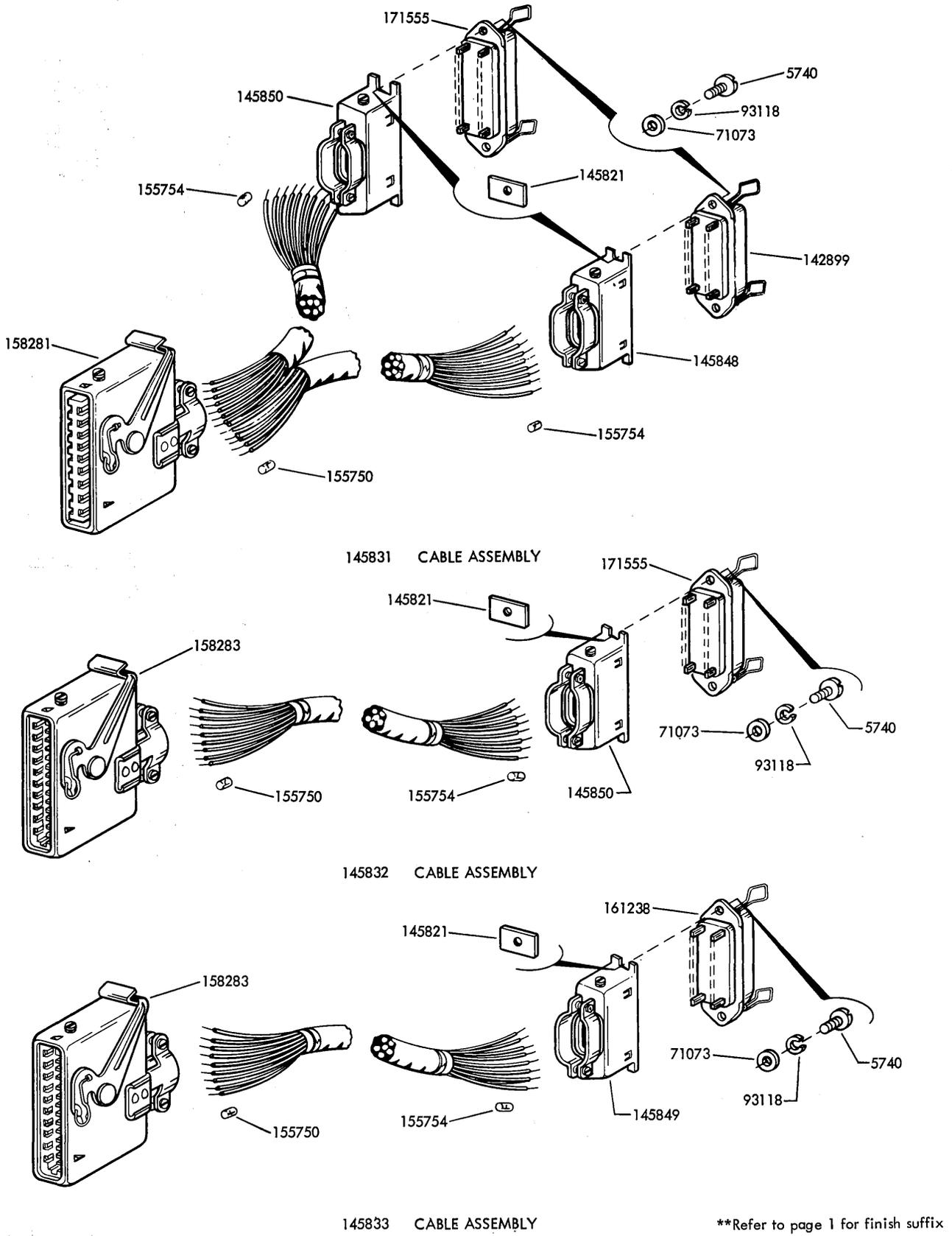
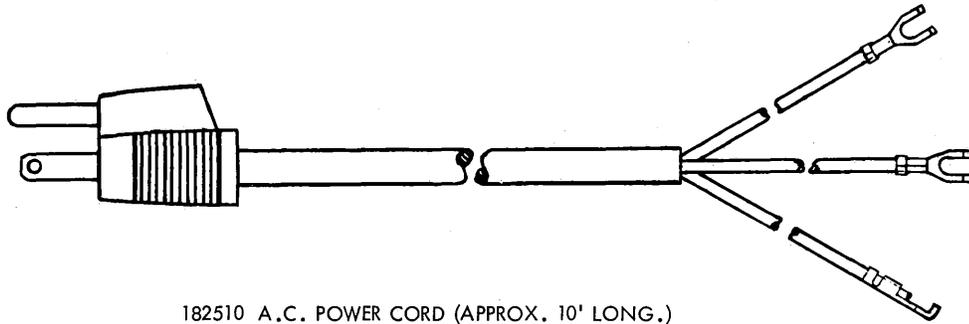
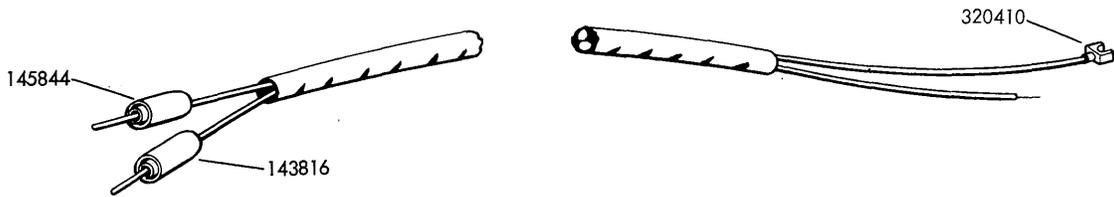


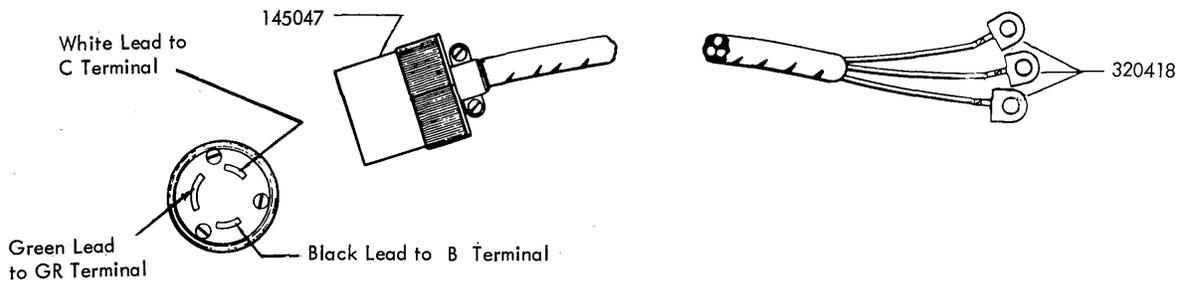
FIGURE 14. ADAPTER CABLES FOR THE LSS202** TEST SET



182510 A.C. POWER CORD (APPROX. 10' LONG.)



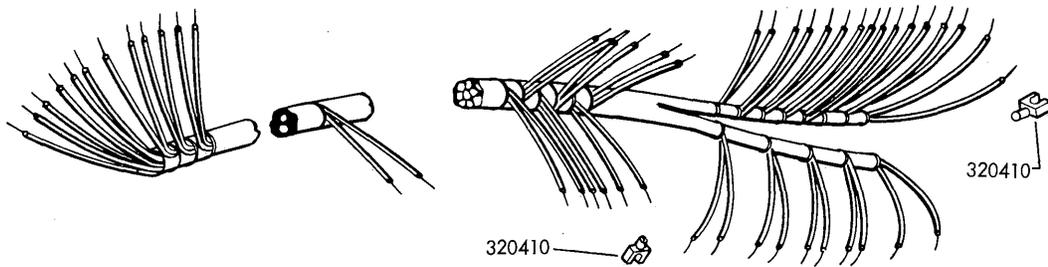
145838 D.C. POWER CORD (APPROX. 6' 8" LONG.)



145401 A.C. CABLE ASSEMBLY (APPROX. 9' LONG.)



145845 CABLE ASSEMBLY (APPROX. 17" LONG).



145842 CABLE ASSEMBLY (APPROX. 3-3/4' LONG).

**Refer to page 1 for finish suffix

FIGURE 15. CABLES FOR THE LSS202** TEST SET

NUMERICAL INDEX

Part Number	Description and Page Number	Part Number	Description and Page Number	Part Number	Description and Page Number
1274	Screw, 6-40 x 1-1/8 Fil 5	103236	Plug, Black 13	145836	Plate, Designation 3
2034	Washer, Flat 2, 9	103863	Spacer, .055" Thk 2	145838	Cord 15
2191	Washer, Lock 2 to 12	104451	Washer, Lock 5, 6	145839	Cord, Test 3
2539	Nut, 3/8-32 Hex 5	104810	Spring, Washer 8	145841	Cable Assembly 3
2658	Nut, 6-32 Hex 10	105550	Shell, Black 13	145842	Cable w/Terminals 15
2669	Washer, Lock 6	106047	Screw, 1/4-32 x 1/2 Hex 5	145843	Insulator, .062" Thk 3
2846	Washer, Flat 5	110475	Screw, 2-64 x 5/64 Rd 13	145844	Plug, Tip 15
3595	Nut, 1/4-32 Hex 6	110476	Screw, 4-48 x 5/64 Fil 13	145845	Cable w/Terminals 15
3598	Nut, 6-40 Hex 2, 3, 4, 6, 10, 11	110664	Switch, SP-ST Toggle 4	145846	Plug, Tip 3
3599	Nut, 4-40 Hex 2, 9 to 13	110743	Washer, Lock 2, 6, 12	145847	Bracket, Stop 3
3606	Nut, 6-40 Hex 6	111017	Screw, 6-40 x 5/16 Fil 5	145848	Cover, Connector 14
3640	Washer, Lock 7, 9, 11, 12, 13	112626	Nut, 10-32 Hex 6	145849	Cover, Connector 14
5740	Screw, 2-56 x 1/4 Fil 14	113850	Washer, Flat 6	145850	Cover, Connector 14
5816	Washer, Insulating 3	113939	Holder, Fuse 5	145851	Grommet, Rubber 3
7002	Washer, Flat 2 to 10	114125	Screw, 6-40 x 3/8 Hex 6	145853	Resistor, 100 Ohm 3
8330	Washer, Flat 2	116783	Holder, Fuse 10	145891	Cable Adapter Assembly 1, 11
35503	Foot, Rubber 2, 3	118210	Resistor, 22,000 Ohm 10	150040	Screw, 6-40 x 5/8 Fil 3, 4
41732	Plate, Clamp 6	118759	Block, Terminal 4	150089	Screw, 4-40 x 1/2 Fil 6
45815	Washer, Lock 6	119643**	Button, Plug 3	150966	Insulator, Terminal 5
70886	Washer, Flat 9	119651	Ring, Retaining 6	151073	Screw, 4-40 x 5/32 Fil 12
71073	Washer, Flat 14	119652	Ring, Retaining 6	151152	Screw, 4-40 x 3/16 Hex 9, 12
74283	Washer, Spring 6	121249	Clamp, 5/8 ID Cable 3	151335	Stud 5
74728	Terminal, Contact 6	121250	Clamp, 3/4 ID Cable 2	151346	Screw, 6-40 x 3/8 Fil 6
75750	Washer, Insulating 4	124177	Washer, Lock 6	151415	Block, Terminal 5
76099	Washer, Flat 4, 5	124610	Plug 13	151416	Nut, 6-40 Hex 5
76323	Bushing 9	124611	Screw, 8-32 x 3/8 Hex 8	151427	Plate, Clamp 10
76834	Screw, 4-40 x 3/8 Flat 2	125015	Washer, Flat 6	151436	Cover 4
77128	Washer, Insulating 3	125237	Spring, Compression 6	151442	Screw, 6-40 x 1/2 Hex 6, 7
77902	Screw, 6-40 x 2-3/8 Rd 3, 4	125312	Washer, Flat 2	151574	Grommet, Rubber 12
80121	Shim, .095" Thk 7	125802	Washer, Flat 6	151616	Screw, #2 Self-Tapping 2
82249	Washer, Flat 7	129855	Resistor, 51,000 Ohms 4	151618	Screw, 6-40 x 7/16 Fil 6
82547	Insulator, .094" Thk 6	130499	Bearing, Ball 6	151630	Screw, 6-40 x 1/4 Hex 2, 3, 6
82548	Insulator, .062" Thk 6	130892	Washer, Felt 6	151631	Screw, 6-40 x 5/16 Hex 5, 8
84990	Screw, 6-40 x 1/4 Flat 2	138534	Bracket, Capacitor Mounting 5	151632	Screw, 6-40 x 3/8 Hex 2, 3, 6, 7
86955	Spring, Contact 6	139274	Scale, Signal Measuring 2	151637	Screw, 4-40 x 1/4 Fil 7, 11, 12, 13
86958	Spring, Contact 6	139669	Stator 8	151657	Screw, 6-40 x 1/4 Fil 2 to 5, 9, 10
86959	Bushing, Insulating 6	139670	Rotor 8	151658	Screw, 6-40 x 5/16 Fil 2
87380	Bushing 2	139671	Shield, End 8	151659	Screw, 6-40 x 1/2 Fil 11
90490	Shim, .005" Thk 9	139677	Washer, Flat 8	151660	Screw, 6-40 x 7/8 Fil 2, 5
90789	Washer, Flat 10	139678	Screw, 8-32 x 2 Fil 8	151686	Screw, 6-40 x 5/16 Fil 7, 9
90791	Washer, Lock 13	139679	Nut, 8-32 Hex 8	151722	Screw, 6-40 x 3/16 Hex 12
91683	Nut, 15/32-32 Hex 3, 4	142898	Connector, 24 Pt Plug 3	151732	Screw, 4-40 x 11/32 Fil 6
91684	Nut, 15/32-32 Ring 4	142899	Connector, 24 Pt Receptacle 14	151880	Nut, 4-40 Hex 12
92260	Washer, Lock 10	143816	Plug, Tip 15	151939	Grommet, Rubber 8
92395	Clamp, Lamp 9	145047	Connector, 3 Pt Receptacle 15	152634	Washer, Flat 2
92396	Arm, Lamp Indicator 9	145049	Resistor, 200 Ohm 3	152893	Screw, 4-40 x 1/4 Hex 6
92397	Scale, Signal Measuring 2	145401	Cable Assembly 15	153459	Block, Terminal 3
92748	Screw, 6-40 x 1-7/16 Fil 3	145794	Switch, Rotary 3	153484	Screw, 6-32 Spl 3
92854	Connector, 2 Pt Plug 11, 12	145810	Switch, Rotary 3	153538	Screw, 6-40 x 7/16 Hex 9
93009	Brush, Spring 6, 7	145811	Switch, Rotary 3	153799	Screw, 4-40 x 21/64 Hex 6
93118	Washer, Lock 14	145812	Switch, Rotary 3	153817	Screw, 4-40 x 3/8 Hex 12
93136	Switch, DP-DT Toggle 4	145813	Arm, Brush 7	153839	Screw, 6-40 x 5/8 Hex 10
93984	Washer, Lock 10	145814	Bracket, Mounting 7	154127	Nut, 6-40 Hex 3, 4
93985	Washer, Lock 8	145815	Bracket, Mounting 7	154346	Plate, Instruction 2
96262S	Jumper, 4" Slate 10	145816	Bushing, Insulating 7	155045	Switch, Toggle 3, 4
97143	Jack 4	145817	Arm, Brush Holder 7	155750	Sleeve, 3/32 ID x 1/2" Lg Insulating 5, 11, 12, 13, 14
98428	Bearing, Ball 8	145818	Clamp, Brush Holder 7	155754	Sleeve, 1/16 ID x 1/2" Lg Insulating 13, 14
98718	Washer, Flat 8	145819	Shaft, Lower 7	156501	Screw, 6-40 x 7/32 Fil 4
98819	Knob 3, 4	145820	Bracket 7	156588	Ring, Retaining 6
99220	Spring, Compression 2	145821	Plate, Nut 14	156632	Screw, 6-40 x 13/32 Hex 2, 3
100732	Spring, Clip 2	145824	Disk 7	156976	Connector, 32 Pt Plug 11, 12, 13
100752	Screw, 4-40 x 3/16 Rd 12, 13	145825	Catch, Mounting 3		
102699	Capacitor, 2 MFD 5	145827	Switch, Rotary 3		
103231	Cord Assembly 13	145828**	Box 3		
103234	Cord 13	145829**	Cabinet 3		
		145831	Cable Assembly 14		
		145832	Cable Assembly 14		
		145833	Cable Assembly 14		

**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
158259	Connector, 20 Pt Receptacle 11	161167	Strip, .062" Thk Insulating 6	161213	Capacitor, 16 MFD. 10
158281	Connector, 32 Pt Plug 11, 14	161168	Strip, .125" Thk Insulating 6	161214	Socket, Lamp 9
158283	Connector, 32 Pt Receptacle 11, 13, 14	161169	Plate 6	161215	Lamp, 110V Neon 2, 9
158284	Connector, 20 Pt Receptacle 11	161170	Bracket, Contact 6	161217	Rectifier 1, 10
158620	Connector, 24 Pt Receptacle 12	161172	Bracket, Resistor 4	161218	Holder, Bulb 2
158712	Gear, 26T 6	161173	Post 5	161219	Knob, Finger 2
158716	Gear, 39T 6	161174	Bracket 5	161220	Disk, Dial 9
158723	Roller 6	161175	Bracket, Rectifier 2	161221	Cable w/Terminals 5
158724	Stud 6	161176**	Shield 2	161238	Connector, 36 Pt Receptacle 14
158725	Arm 6	161178**	Panel, Rear 2	161239	Connector, 36 Pt Plug 3, 12
158729	Stud 6	161179**	Panel, Rear 2	161595	Connector, 36 Pt Receptacle 13
158732	Gear, 18T and 24T 6	161181	Plate 4	161657	Plate, Identification 2
158733	Gear, 44T 6	161182	Plate 4	161877	Plate 2
158734	Gear, 47T 6	161183	Plate 4	162356	Rectifier Assembly 10
158736	Nut, 6-40 Cap 6	161184	Plate, Dial 4	162357	Capacitor, 500 MFD 10
158738	Spacer, .032" Thk 6	161185	Plate 4	162358	Diode 10
158739	Disk 6	161186	Bushing, Guide 2	162359	Transformer, Power 10
158740	Block 6	161187	Bushing, Eccentric 5	162360	Fuse, .8 Amp SL-BL 10
158741	Bar 6	161188	Brush Assembly 6	163595	Gear, 24T 8
158742	Plate, Locating 6, 7	161189	Bracket, Cable Storage 2	163597	Gear, 48T 6
158745	Clamp, Bearing 6	161190	Plate 5	163651	Cable Assembly 1, 11
158827	Connector, 32 Pt Plug 12, 13	161192	Handle 2	163652	Cable Assembly 12
158828	Bushing, Mounting 5	161193	Switch, Rotary 4	163653	Cable Assembly 11
159269	Fuse, 3/8 Amp 10	161194	Switch, Rotary 4	163654	Cable Assembly 13
160229	Plate, Mounting 10	161195	Switch, Rotary 4	163655	Cable Assembly 12
160307	Diode 10	161198	Hub Assembly 1, 9	163656	Cam, Contact 6
160308	Capacitor, 300 MFD 10	161199	Cable Assembly 1, 11	163657	Bracket 12
160309	Transformer 10	161200	Motor, 115V, 60 Cycle Synchronous 1, 8	163658	Bracket 12, 13
160386	Resistor, 1000 Ohm 4	161201	Hub w/Ring 9	163659	Cover 11, 12, 13
161150**	Cabinet 2	161202	Contact Assembly 6	163660	Cover 12
161153	Plate, Motor 8	161203	Cable Assembly 5	163661	Plate 4
161156	Ring w/Pins 2	161205	Fuse, 1 Amp 5	163662	Plate 4
161157	Bracket w/Bearing 5, 6	161206	Bushing, Insulating 4	164907	Cable Assembly 13
161158	Shaft, Upper 6, 7, 9	161207	Cable Assembly 1, 11	165116	Terminal 10
161159	Shaft, Lower 6	161208	Cover 11	171554	Connector, 50 Pt Plug 3
161164	Post 6	161209	Washer, Flat 2	171555	Connector, 50 Pt Receptacle 14
161165	Cam, Contact 6	161210	Nut, 11/16-32 Hex 4	178872	Sleeve, 1/16 ID x 1-1/4"
161166	Bracket, Brush 6	161211	Cable w/Terminals 10		Lg Insulating 10
		161212	Resistor, 22,000 Ohm 10	182510	Cord, Power 11, 15
				305056	Plate, Identification 2
				305057	Plate, Identification 3
				320410	Terminal, Spade Type 3,5, 8,10,11,15
				320418	Terminal, Ring Type 15

**Refer to page 1 for finish suffix