

33 CALL CONTROL UNIT (UCC)
PARTS

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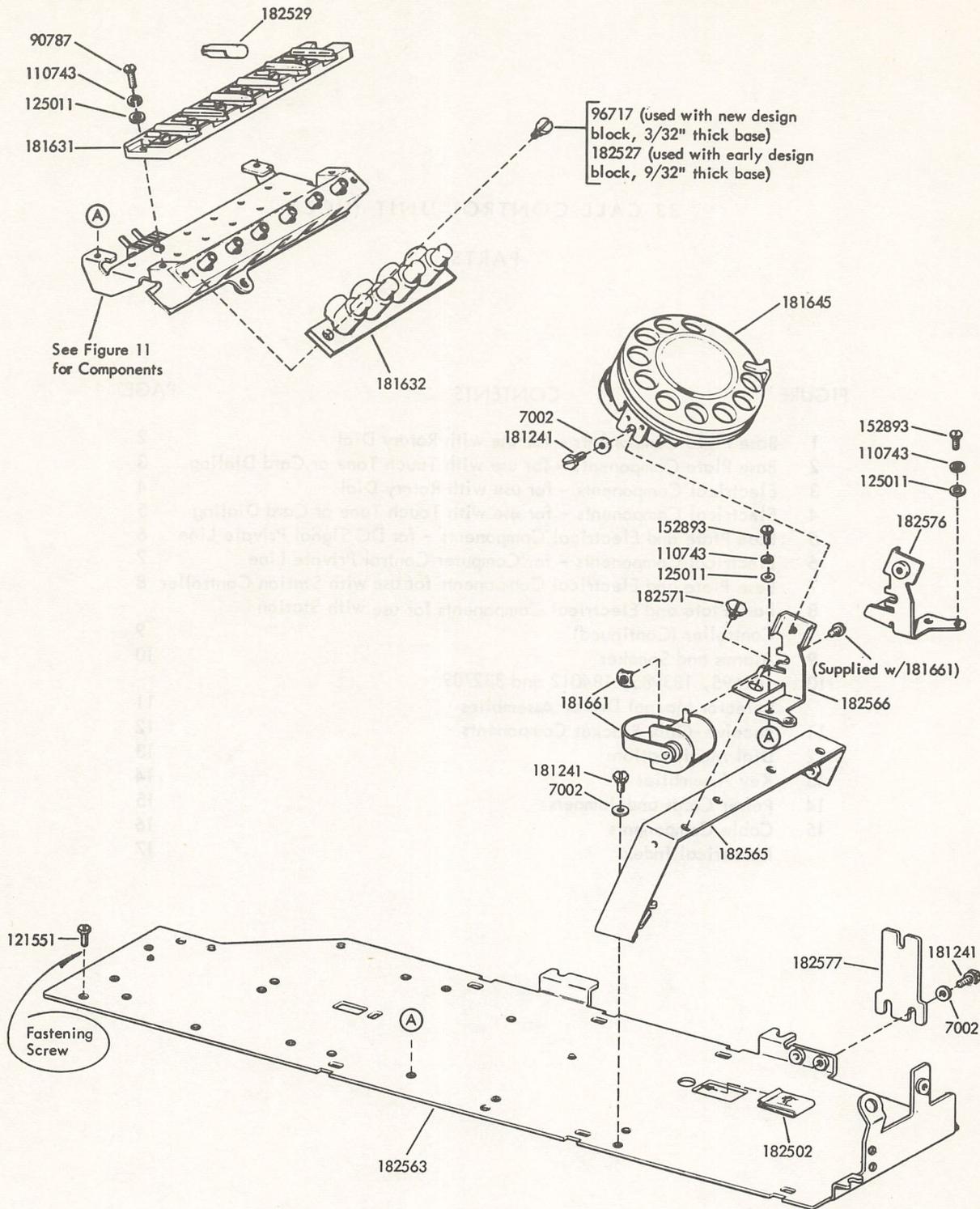


FIGURE 1. BASE PLATE COMPONENTS - FOR USE WITH ROTARY DIAL

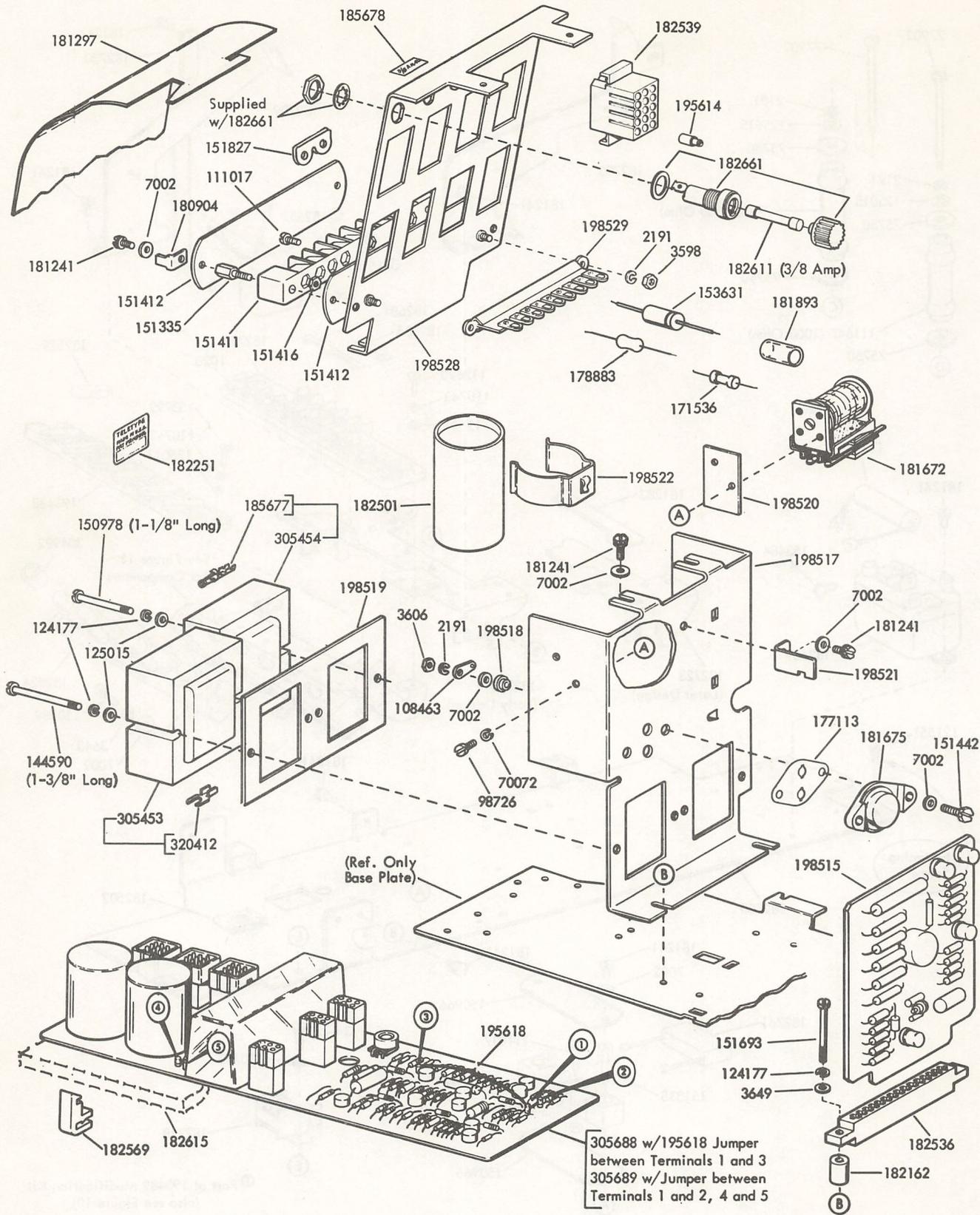


FIGURE 3. ELECTRICAL COMPONENTS - FOR USE WITH ROTARY DIAL

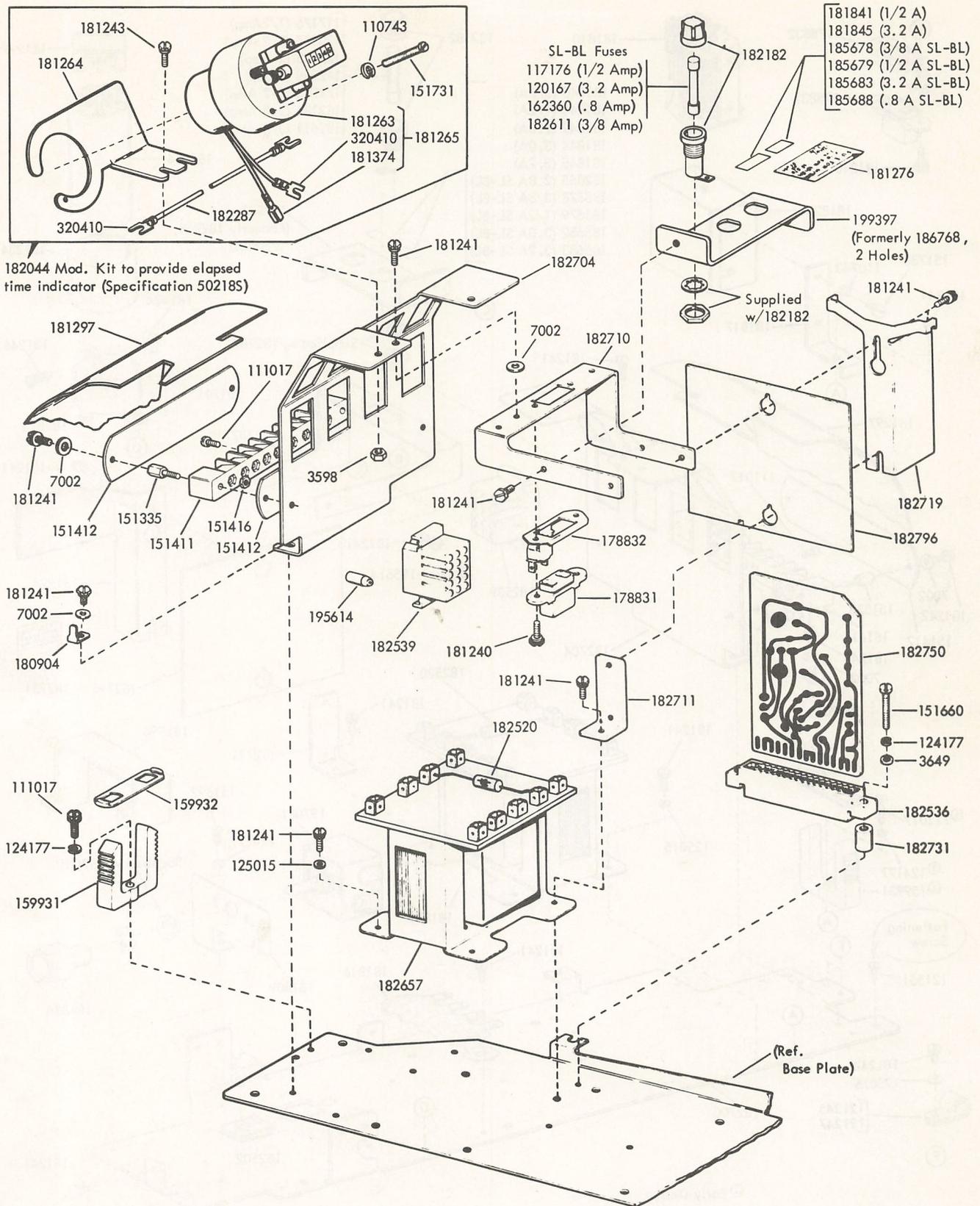


FIGURE 4. ELECTRICAL COMPONENTS - FOR USE WITH TOUCH TONE OR CARD DIALING

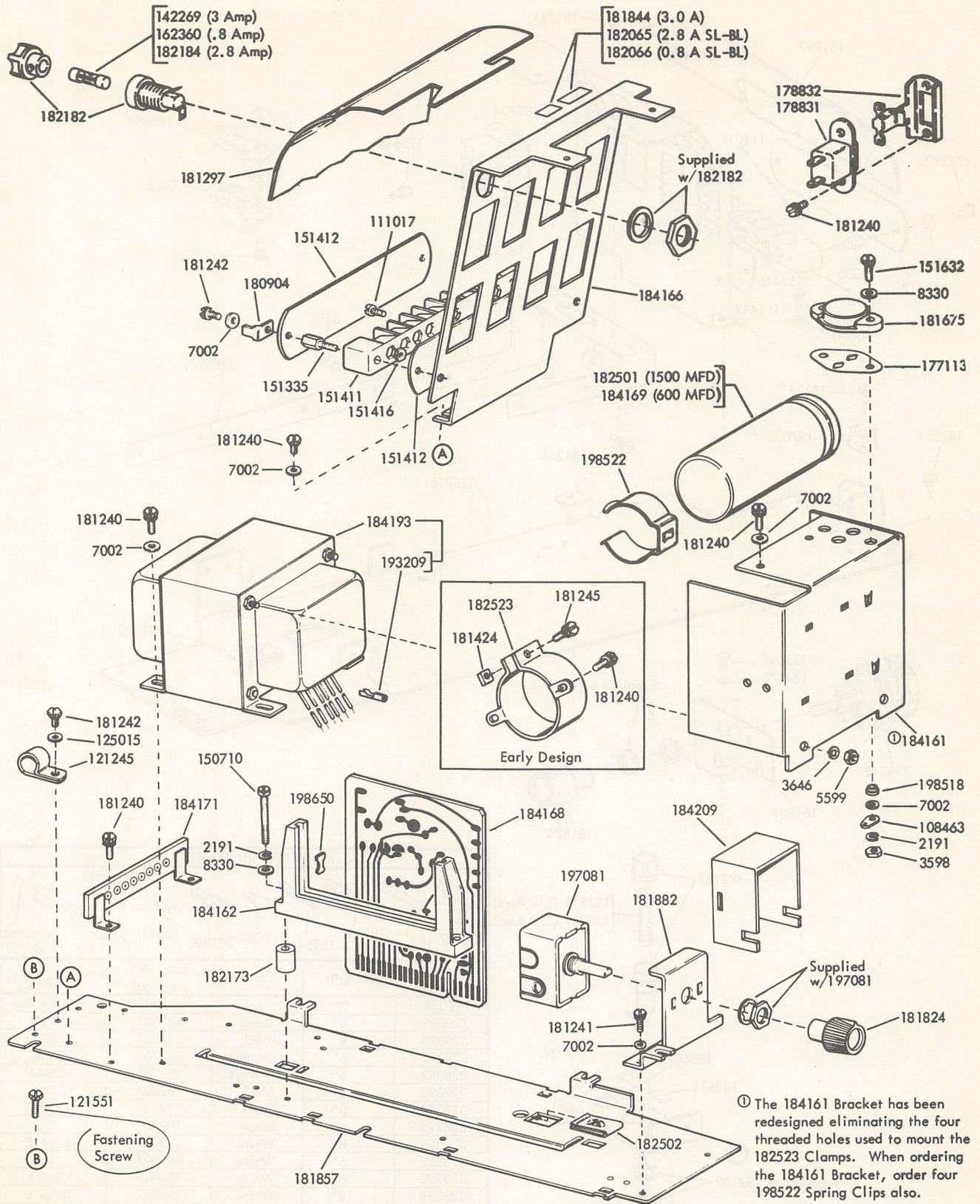


FIGURE 6. ELECTRICAL COMPONENTS - FOR COMPUTER CONTROL PRIVATE LINE

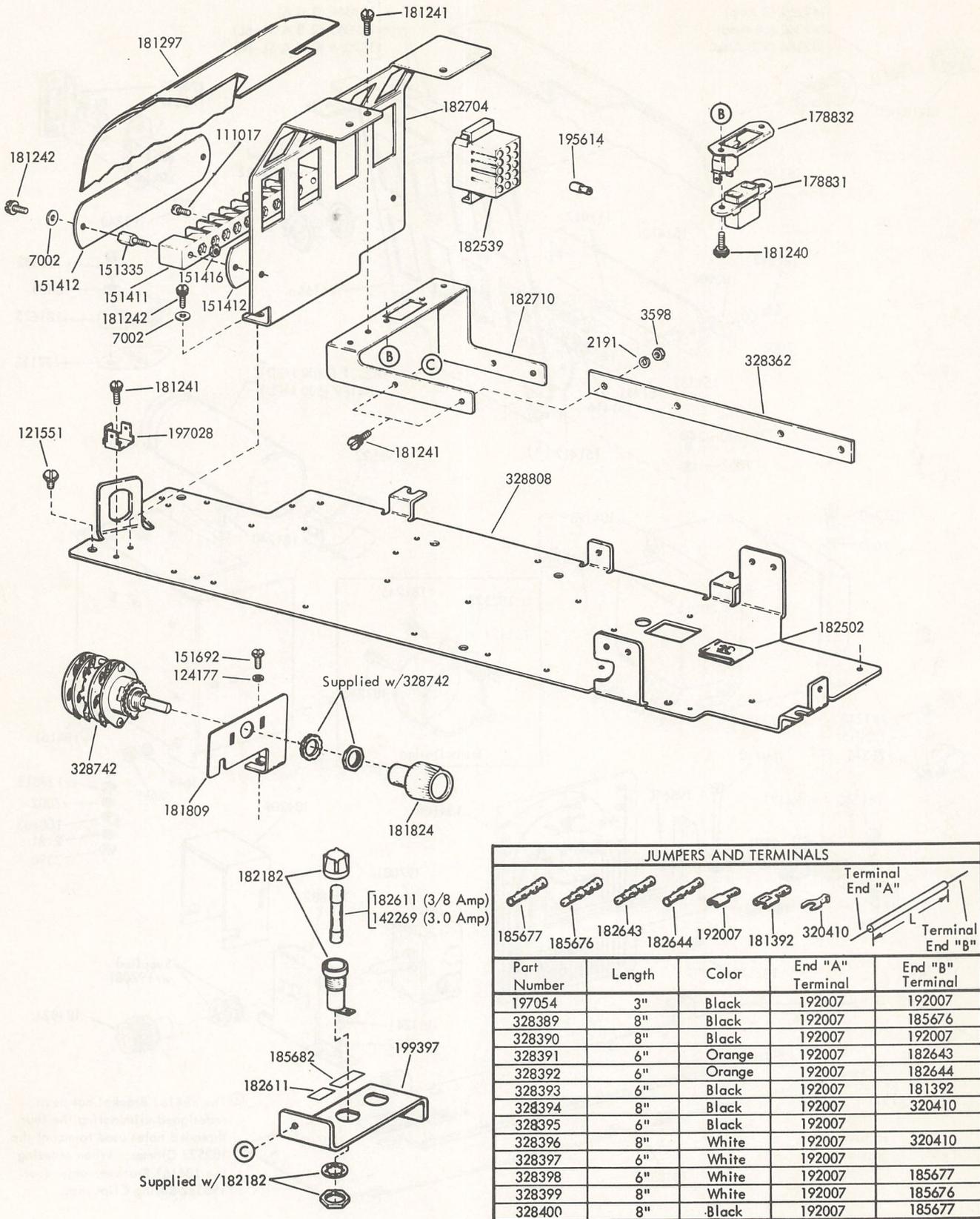


FIGURE 7. BASE PLATE AND ELECTRICAL COMPONENTS FOR USE WITH STATION CONTROLLER

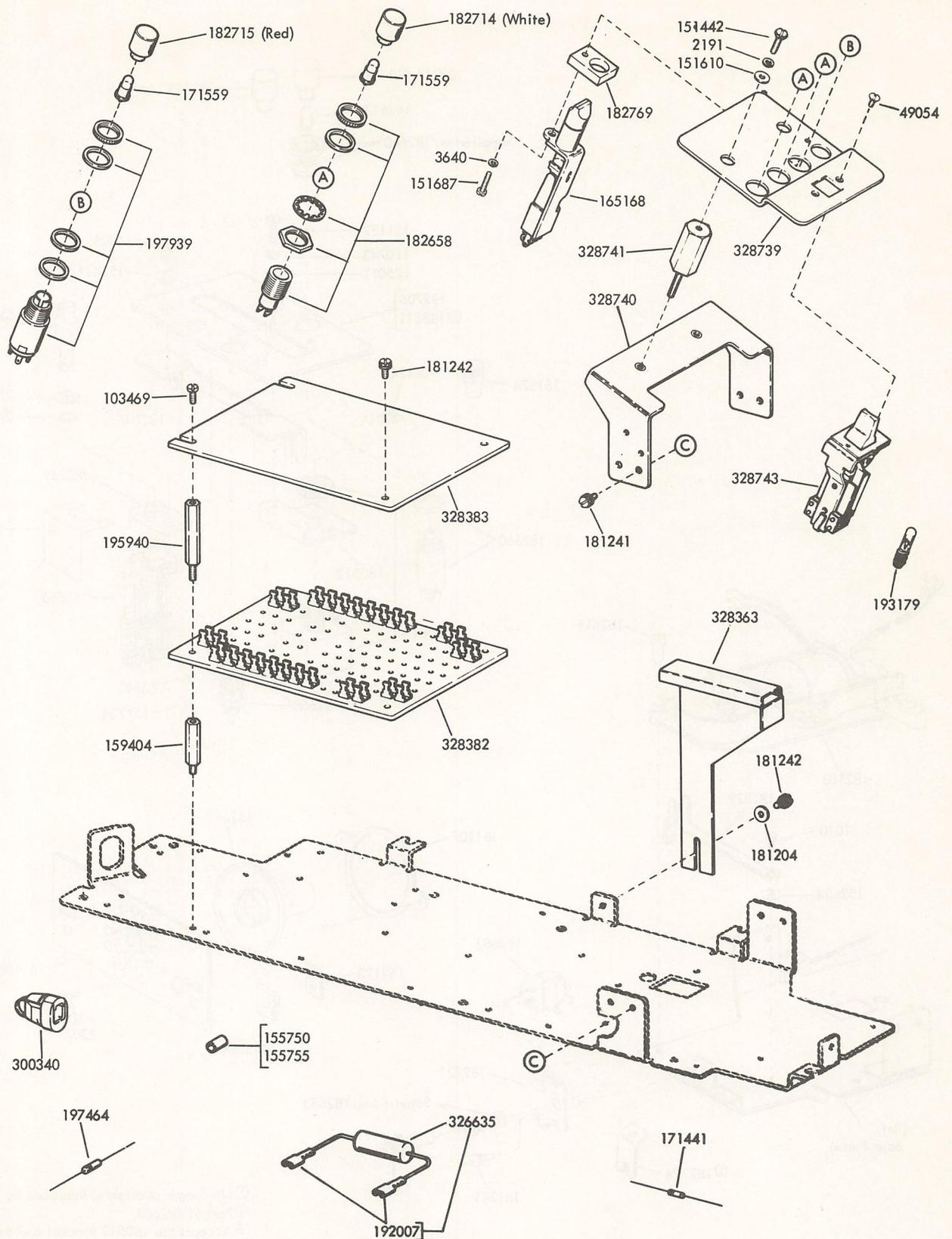


FIGURE 8. BASE PLATE AND ELECTRICAL COMPONENTS FOR USE WITH STATION CONTROLLER (Continued)

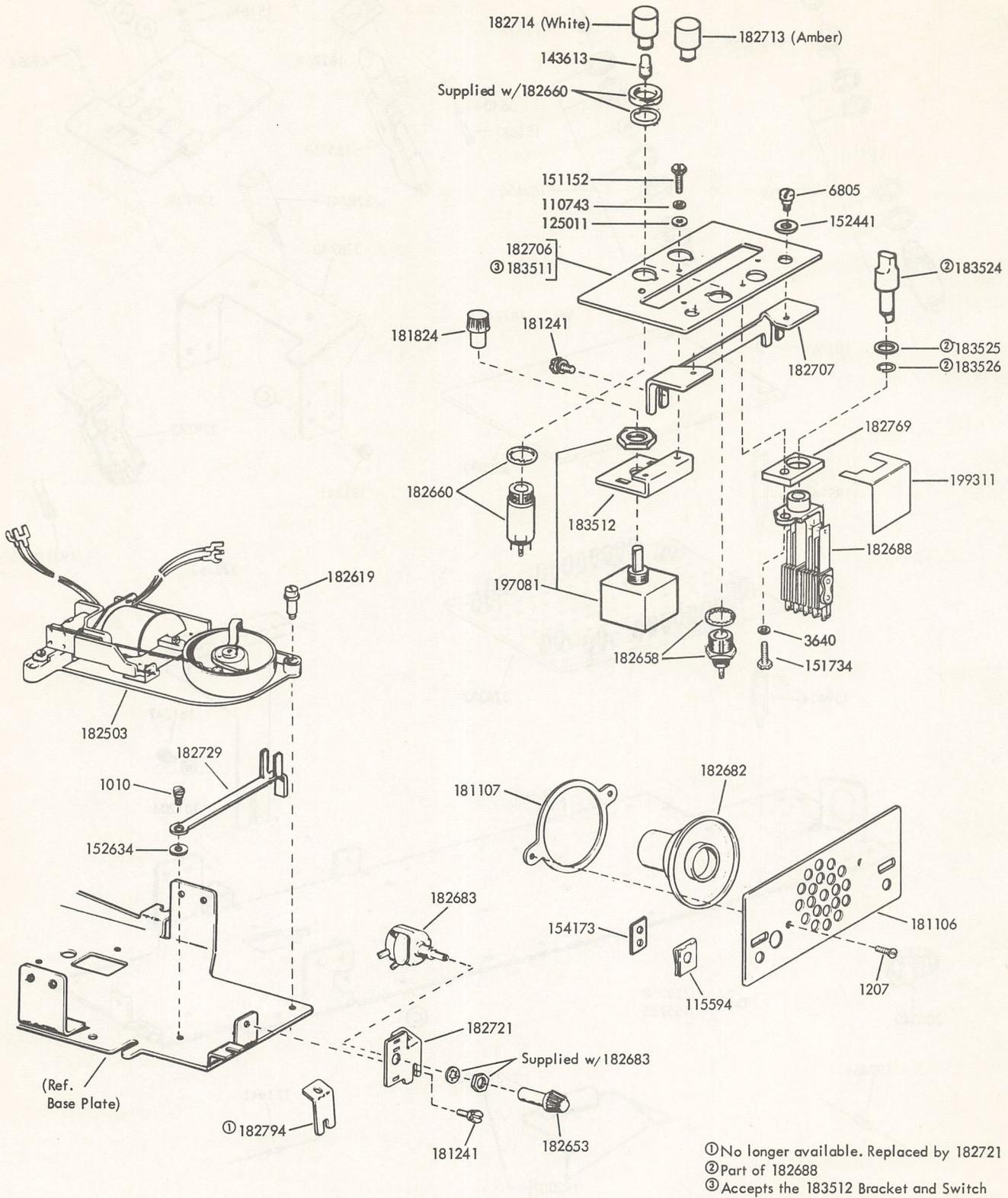


FIGURE 9. ALARMS AND SPEAKER

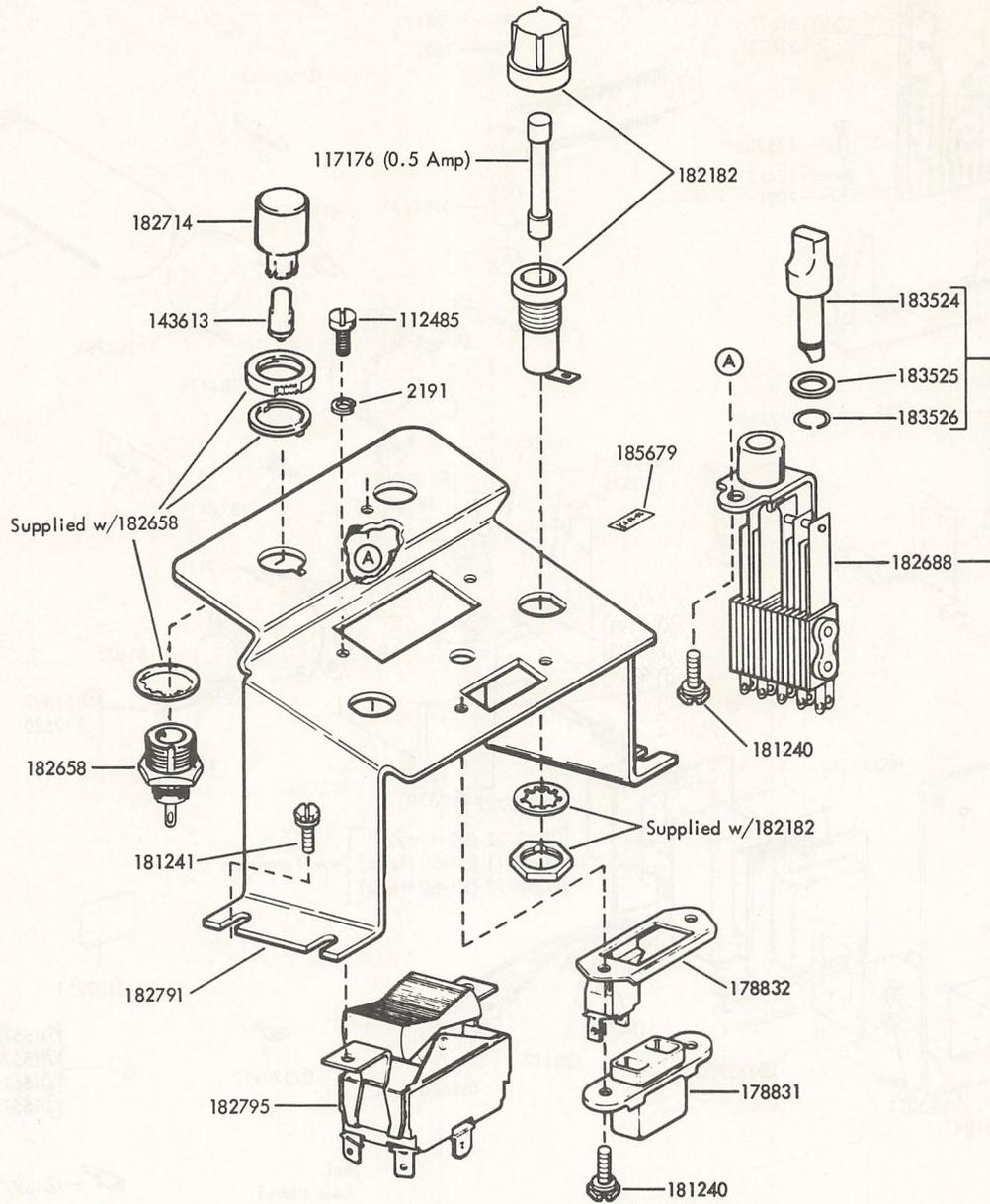


FIGURE 11. RECEIVE-ONLY BRACKET COMPONENTS

		KEY ASSEMBLY PART LOCATION TABLE						
POSITION		182581	182582					182589
F	Plunger Switch		182559 182562					182559
E	Plunger Switch	182667 182562	182559 182561					182559 182562
D	Plunger Switch	182667 181638	182559 182562					182559 182562
C	Plunger Switch	182667	182559 182562					182559
B	Plunger Switch	182667 182562	182559 182562					182559
A	Plunger Switch		182559 182562					182559 182562
Plunger Spring		182554	182554					182554
Lockout			182556					182556
Latch Bar			182666					182666
Latch Spring			182535					182535
Bracket		181637	182557					182557

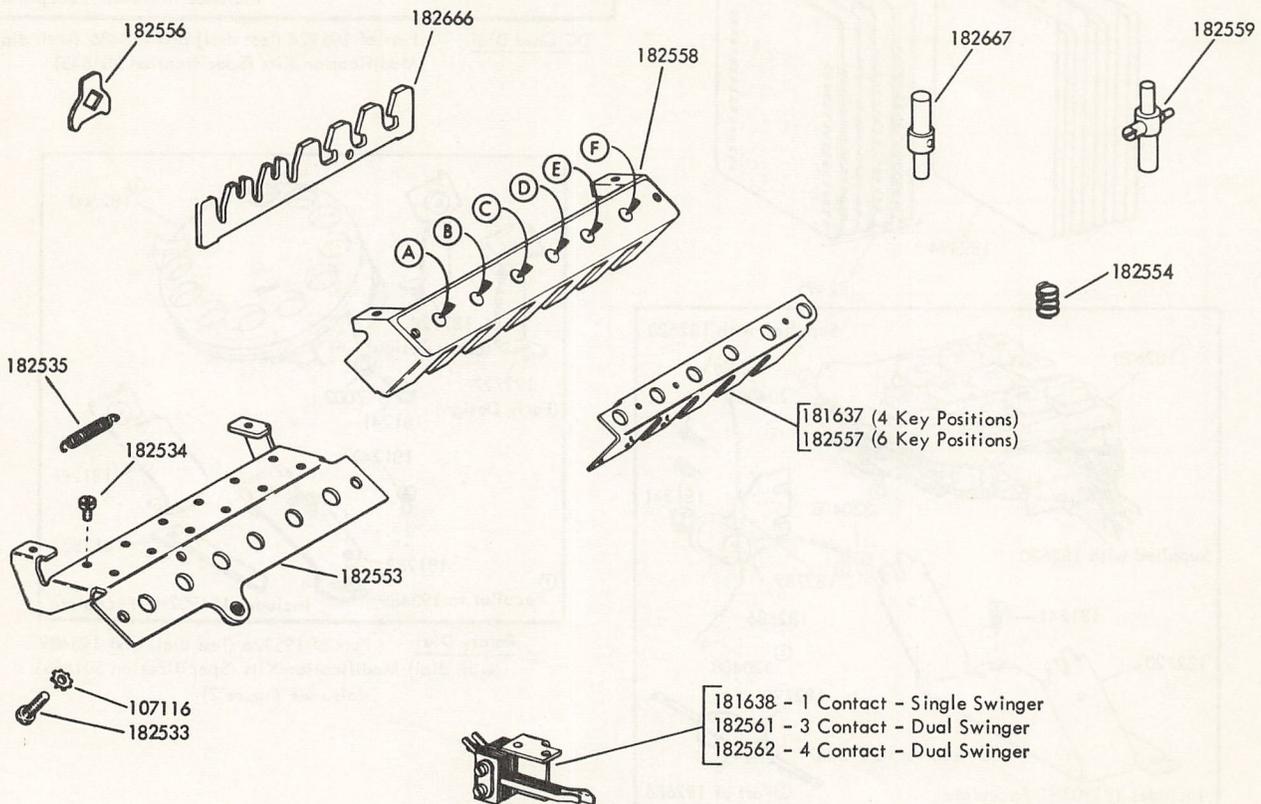


FIGURE 13. KEY ASSEMBLIES

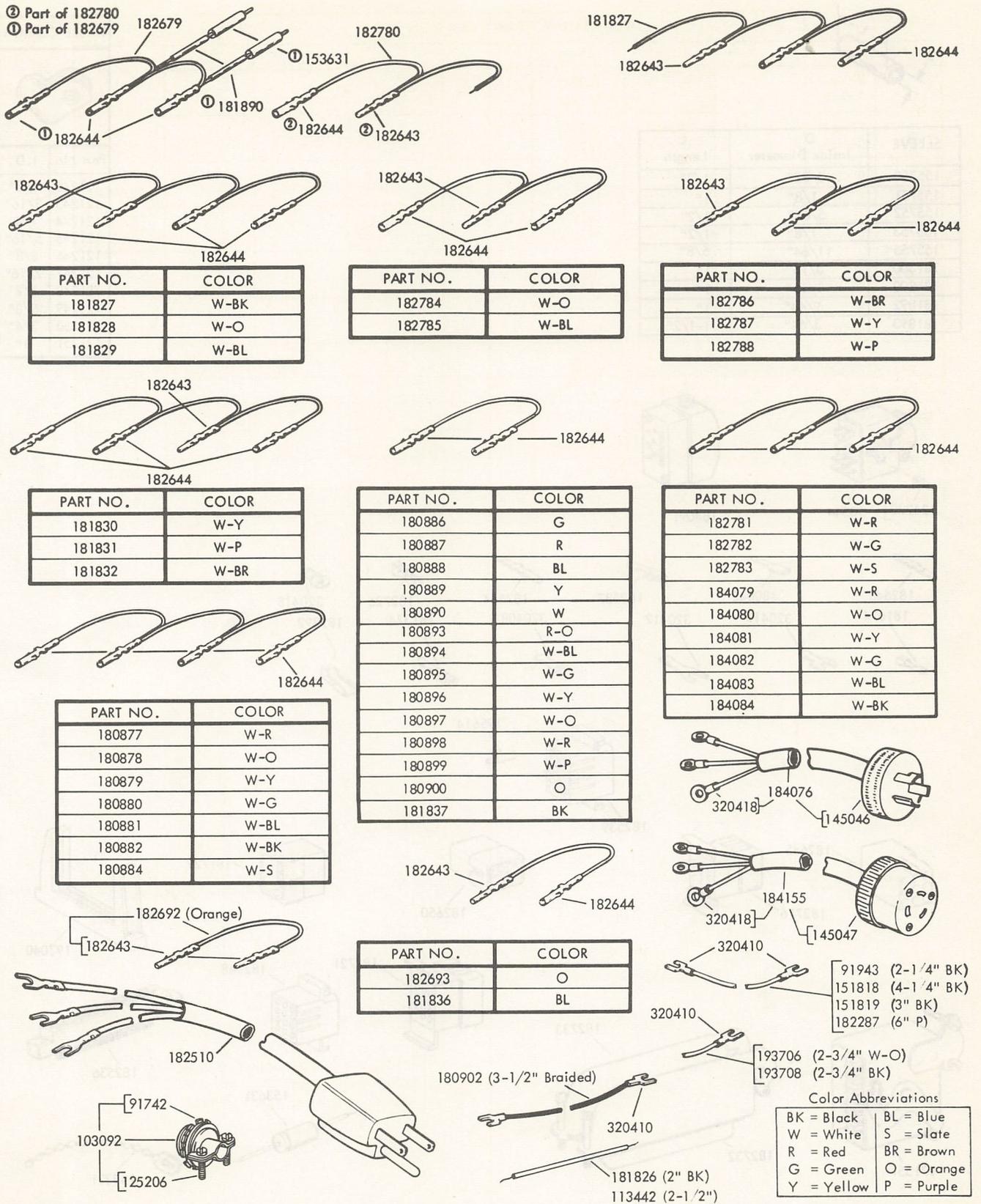


FIGURE 14. POWER CORDS AND JUMPERS



SLEEVE	D Inside Diameter	L Length
155750	3/32"	1/2"
155751	1/8"	1"
155752	5/64"	1/2"
155753	1/8"	1/2"
155755	11/64"	5/8"
181300	3/16"	1"
181890	1/16"	1"
181892	9/64"	1"
181893	3/64"	1-1/2"

CABLE CLAMPS



Part No.	I.D.
121242	1/8"
121243	3/16"
121244	1/4"
121245	5/16"
121246	3/8"
121247	7/16"
121248	1/2"
121249	5/8"
121250	3/4"
121251	1"

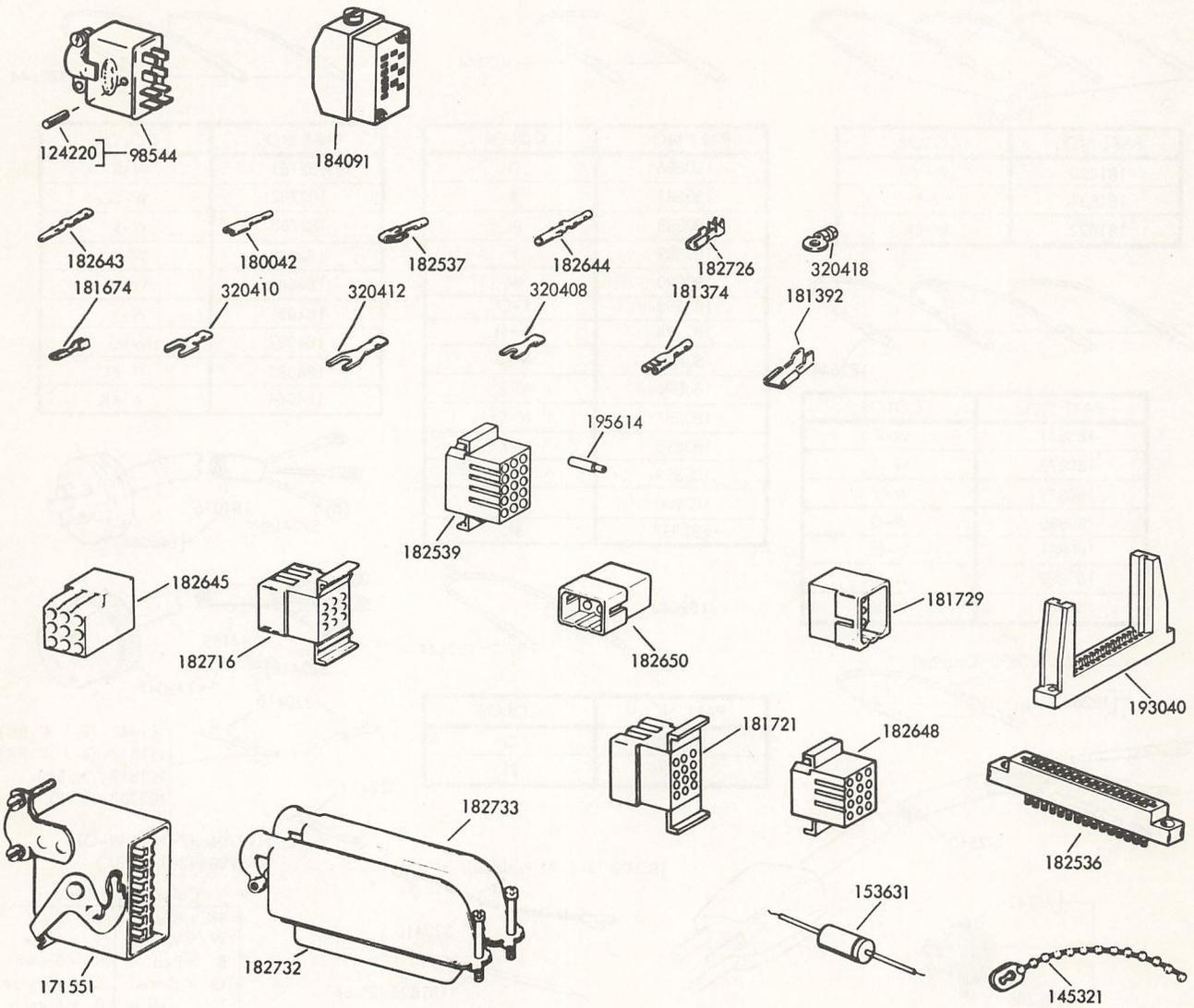


FIGURE 15. CABLE COMPONENTS

NUMERICAL INDEX

Part Number	Description and Page Number	Part Number	Description and Page Number	Part Number	Description and Page Number
1010	Screw, 6-40 Shoulder 10	150978	Screw, 6-40 x 1-1/8 Fil 4	180888	Jumper, 2-1/2" Blue 15
1028	Screw, 4-40 x 1/4 Fil 3	151073	Screw, 4-40 x 5/32 Fil 3	180889	Jumper, 2-1/2" Yellow 15
1207	Screw, 4-36 x 5/16 Flat 10	151152	Screw, 4-40 x 3/16 Hex 10	180890	Jumper, 2-1/2" White 15
2191	Washer, Lock 3,4,7,8,9,11,12	151335	Stud 3,4,5,6,7,8	180893	Jumper, 2-1/2" Red-Orange 15
3598	Nut, 6-40 Hex 4,5,7,8,11	151411	Block, Terminal 4,5,6,7,8	180894	Jumper, 2-1/2" White-Blue 15
3606	Nut, 6-40 Hex 4	151412	Insulator, Terminal 4,5,6,7,8	180895	Jumper, 2-1/2" White-Green 15
3640	Washer, Lock 3,9,10	151415	Block, Terminal 3	180896	Jumper, 2-1/2" White-Yellow 15
3646	Washer, Lock 7	151416	Nut, 6-40 Hex 3,4,5,6,7,8	180897	Jumper, 2-1/2" White-Orange 15
3649	Washer, Flat 4,5	151442	Screw, 6-40 x 1/2 Hex 4,9,11		
5599	Nut, 8-32 Hex 7	151610	Washer, Flat 9	180898	Jumper, 2-1/2" White-Red 15
6805	Screw, 6-40 Shoulder 10	151632	Screw, 6-40 x 3/8 Hex 7	180899	Jumper, 2-1/2" White-Purple 15
7001	Washer, Flat 11	151660	Screw, 6-40 x 7/8 Fil 5,11	180900	Jumper, 2-1/2" Orange 15
7002	Washer, Flat 2 to 8,11,13	151687	Screw, 4-40 x 7/16 Fil 9	180902	Jumper, 3-1/2" Braided 15
8330	Washer, Flat 7,11	151692	Screw, 6-40 x 3/16 Fil 6,8	180904	Tab, Terminal 4,5,6,7
49054	Screw, 2-56 x 3/16 Flat 9	151693	Screw, 6-40 x 9/16 Fil 4	181106	Plate, Baffle 10
70072	Washer, Lock 4	151731	Screw, 4-40 x 7/8 Fil 5	181107	Bracket 10
75750	Washing, Insulating 3	151734	Screw, 4-40 x 3/8 Hex 10	181204	Washer, Flat 9
77362	Resistor, 350 Ohm 3	151738	Screw, Identification 6	181240	Screw w/Lockwasher, 6-40 x 3/16 Hex 5,6,7,8,12,13
77902	Screw, 6-40 x 2-3/8 Rd 3	151818	Jumper, 4-1/4" Black 15	181241	Screw w/Lockwasher, 6-40 x 1/4 Hex 2 to 13
87993	Screw, 6-40 x 5/32 Fil 13	151819	Jumper, 3" Black 15	181242	Screw w/Lockwasher, 6-40 x 5/16 Hex 6,7,8,9,11
90787	Screw, 4-40 x 3/8 Hex 2	151827	Strap, Terminal 4	181243	Screw w/Lockwasher, 6-40 x 3/8 Hex 5
91742	Nut, Lock 15	152441	Washer, Flat 10	181245	Screw w/Lockwasher, 6-40 x 1/2 Hex 7
91943	Jumper, 2-1/4" Black 15	152634	Washer, Flat 10	181246	Screw w/Lockwasher, 6-40 x 5/8 Hex 6,11
96717	Screw, 4-40 Shoulder 2	152893	Screw, 4-40 x 1/4 Hex 2,3	181263	Timer, Hour 5
98544	Connector, 8Pt Plug 16	153484	Screw, 6-32 Spl 3	181264	Bracket 5
98726	Screw, 3-48 x 1/4 Fil 4	153631	Network, Spark Suppression 4,15,16	181265	Timer w/Terminals 5
103092	Connector, Cord 15	153799	Screw, 4-40 x 21/64 Hex 3	181266	Bushing, Insulating 11
103469	Screw, 4-40 Spl 9	154173	Plate 10	181276	Plate, Name 5
107116	Washer, Lock 14	155750	Sleeve, 3/32 ID x 1/2" Lg Insulating 9,11,16	181281	Bracket, Right 13
108463	Terminal 4,7			181282	Bracket, Left 13
110435	Nut, 4-40 Hex 11	155751	Sleeve, 1/8 ID x 1" Lg Insulating 16	181283	Spacer, .065" Thk 3,13
110743	Washer, Lock 2,3,5,6,10,11			181297	Cover, Insulating 4,5,6,7,8
111017	Screw, 6-40 x 5/16 Fil 3 to 8	155752	Sleeve, 5/64 ID x 1/2" Lg Insulating 11,16	181300	Sleeve, 3/16 ID x 1" Lg Insulating 16
111647	Resistor, 1,000 Ohm 3	155753	Sleeve, 1/8 ID x 1/2" Lg Insulating 11,16	181374	Terminal, Tab Type 5,16
112485	Screw, 6-32 x 1/4 Fil 12	155755	Sleeve, 11/64 ID x 5/8" Lg Insulating 9,11,16	181392	Terminal, Tab Type 8,16
112620	Screw, 4-40 x 1/2 Hex 3,11	159404	Post 9	181424	Nut, 6-40 Sq 6,7,11
113442	Jumper, 2-1/2" Brown 15	159931	Clamp 5,6	181631	Strip Assembly, Lamp 2
115594	Nut, Speed 10	159932	Keeper 5,6	181632	Button Assembly 2
117176	Fuse, SL-BL 0.5 Amp 5,6,12	160859	Terminal 11	181637	Bracket 14
120167	Fuse, SL-BL 3.2 Amp 5,6	162360	Fuse, SL-BL .8 Amp 5,7	181638	Contact, Assembly 14
121242	Clamp, 1/8 ID Cable 16	165168	Key 9	181645	Dial, Rotary 2
121243	Clamp, 3/16 ID Cable 16	171441	Resistor, 560 Ohm 9	181661	Buzzer, 115V AC 2
121244	Clamp, 1/4 ID Cable 16	171536	Resistor, 2,250 Ohm 4	181672	Relay, Power 4
121245	Clamp, 5/16 ID Cable 6,7,16	171551	Connector, 16 Pt Plug 16	181674	Terminal, Tab Type 16
121246	Clamp, 3/8 ID Cable 16	171559	Lamp, 28V Incandescent 9	181675	Transistor, Power 4,7,11
121247	Clamp, 7/16 ID Cable 6,16	171593	Fuse, .5 Amp 6	181721	Connector, 12 Pt Plug Type 16
121248	Clamp, 1/2 ID Cable 16	177113	Insulator 4,7,11	181729	Connector Assembly 16
121249	Clamp, 5/8 ID Cable 16	178535	Suppressor, Spark 3	181809	Bracket, Switch 6,8
121250	Clamp, 3/4 ID Cable 16	178831	Connector, 2 Pt Receptacle 5,6,7,8,12	181810	Relay 6
121251	Clamp, 1 ID Cable 16	178832	Plate, Adapter 5,6,7,8,12	181814	Capacitor, 250 MFD 6
121551	Screw, 8-32 x 1/4 Hex 2,3,6,7,8	178883	Resistor, 1,500 Ohm 4	181816	Resistor, 4,200 Ohm 6
124177	Washer, Lock 4,5,6,8,11,13	180042	Terminal, Tab Type 16	181817	Bracket 6
124220	Pin, Drive 16	180586	Sleeve, 5/32 ID x 21/32" Lg Insulating 11	181818	Cable Asm 11
125011	Washer, Flat 2,3,10,11	180877	Jumper, 2-3/4" White-Red 15	181819	Connector, 15 Pt Circuit Card 11
125015	Washer, Flat 3,4,5,6,7,11	180878	Jumper, 2-3/4" White-Orange 15	181821	Card, Circuit 11
125205	Screw, 6-40 x 7/16 Fil 11	180879	Jumper, 2-3/4" White-Yellow 15	181822	Bracket 11
125206	Screw, 6-32 x 5/8 Fil 15	180880	Jumper, 2-3/4" White-Green 15	181824	Knob, Gray Pointer 6,7,8,10
138538	Fuse, SL-BL 2 Amp 6	180881	Jumper, 2-3/4" White-Blue 15	181825	Cover, Relay 6
142269	Fuse, SL-BL 3 Amp 6,7,8	180882	Jumper, 2-3/4" White-Black 15	181826	Jumper, 2" Black 15
143613	Lamp, 14V Incandescent 10,12	180884	Jumper, 2-3/4" White-Slate 15	181827	Jumper, 2-3/4" White-Black 15
144590	Screw, 6-40 x 1-3/8 Fil 4,11	180886	Jumper, 2-1/2" Green 15		
145046	Connector, 3 Pt Plug 15	180887	Jumper, 2-1/2" Red 15		
145047	Connector, 3 Pt Receptacle 15				
145321	Tie, Cable 16				
150089	Screw, 4-40 x 1/2 Fil 3				
150710	Screw, 6-40 x 1-1/4 Fil 7,11				
150966	Insulator, Terminal 3				

NUMERICAL INDEX (Continued)

Part Number	Description and Page Number	Part Number	Description and Page Number	Part Number	Description and Page Number
181828	Jumper, 2-3/4" White-Orange 15	182562	Contact Assembly 14	182723	Bracket 3,13
181829	Jumper, 2-3/4" White-Blue 15	182563	Plate w/Bracket 2	182724	Plate, Dial 13
181830	Jumper, 2-3/4" White-Yellow 15	182565	Bracket 2	182725	Plate, Tone Dialer 13
181831	Jumper, 2-3/4" White-Purple 15	182566	Bracket, Left 2	182726	Terminal, Receptacle Type 11,16
181832	Jumper, 2-3/4" White-Brown 15	182569	Clamp 4	182727	Bracket, Left 13
181836	Jumper, 4-1/2" Blue 15	182571	Screw, 6-40 Shoulder 2	182728	Bracket, Right 13
181837	Jumper, 4-1/2" Black 15	182576	Bracket, Right 2	182729	Link, Ringer 10
181840	Plate, Name 6	182577	Bracket 2	182730	Bracket, Support 3
181841	Plate, Name 5,6	182581	Key Assembly 14	182731	Post 5,11
181842	Plate, Name 6	182582	Key Assembly 14	182732	Connector, 50 Pt Plug 16
181844	Plate, Name 6,7	182589	Key Assembly 14	182733	Connector, 50 Pt Receptacle 16
181845	Plate, Name 5,6	182611	Fuse, SL-BL 3/8 Amp 4,5,6,8	182750	Card, Amplifier Circuit 5
181857	Plate 7	182615	Pad 4	182761	Capacitor, 0.5 MFD 3
181879	Transformer, Power 6	182619	Screw, 6-40 Shoulder 10	182768	Bracket, Fuse 5,6
181882	Bracket, Switch 7	182620	Dial, Touch Tone 13	182769	Block 9,10
181890	Sleeve, 1/16 ID x 1" Lg	182621	Dial, Touch Tone Card 13	182780	Jumper, 2-1/4" White-Black 15
	Insulating 15,16	182622	Dial, DC Card 13	182781	Jumper, 2-3/4" White-Red 15
181892	Sleeve, 9/64 ID x 1" Lg	182630	Card, Circuit 11	182782	Jumper, 2-3/4" White-Green 15
	Insulating 16	182643	Terminal, Plug Type 8,11,15,16	182783	Jumper, 2-3/4" White-Slate 15
181893	Sleeve, 3/64 ID x 1-1/2" Lg Insulating 4,16	182644	Terminal, Receptacle Type 8,15,16	182784	Jumper, 2-1/4" White-Orange 15
181901HF	Faceplate 13	182645	Connector, 9 Pt Receptacle Type 16	182785	Jumper, 2-1/4" White-Blue 15
181902HF	Faceplate 13	182648	Connector, 12 Pt Receptacle Type 16	182786	Jumper, 2-1/4" White-Brown 15
181903HF	Faceplate 13			182787	Jumper, 2-1/4" White-Yellow 15
181904HF	Faceplate 13			182788	Jumper, 2-1/4" White-Purple 15
181994	Bracket, Guide 6	182650	Connector, 6 Pt Plug Type 16	182789	Resistor, 200 Ohm 13
181996	Insulator 6	182653	Knob 10	182791	Bracket 12
181999	Insulator 6,11	182657	Transformer, Power 5	182793	Plate, Heat Sink 11
182044	Modification Kit 5	182658	Socket, Lamp 9,10,12	182794	Bracket 10
182065	Plate, Identification 6,7	182660	Switch, Pushbutton 10	182795	Switch, DP-DT 12
182066	Plate, Identification 7	182661	Holder, Fuse 4	182796	Insulator, .032" Thk 5,6
182162	Post 4	182666	Bar, Latch 14	182799	Capacitor, 20-30 MFD 13
182173	Spacer 7	182667	Plunger 14	183111	Label 11
182182	Holder, Fuse 5,6,7,8,12	182669	Relay, Power 3	183511	Plate, Pilot 10
182184	Fuse, 2.8 Amp 6,7	182679	Jumper w/Spark Suppression 15	183512	Bracket, Switch 10
182251	Plate, Identification 4,6,11	182682	Speaker, 2" 10	183524	Button, Turn 10,12
182284	Insulator, .015" Thk 6,11	182683	Resistor, 50 Ohm 10	183525	Washer, Flat 10,12
182287	Jumper, 6" Purple 5,15	182684	Strap 3	183526	Ring, Retaining 10,12
182489	Modification Kit 13	182685	Strap 3	183985	Driver Assembly, Selector Magnet 1,11
182494	Card Set, Index 13	182686	Resistor Assembly 50,000 Ohm 13	184011	Transformer w/Terminals 11
182495	Card Set, Dialing 13			184012	Driver Assembly, Selector Magnet 1,11
182500	Dial, Rotary 13	182688	Switch, Turn Button 10,12	184076	Cable Assembly 15
182501	Capacitor, 1,500 MFD 4,7,11	182692	Jumper, 2-1/4" Orange 15	184079	Jumper, White-Red 15
182502	Nut, #14 Speed 2,3,6,7,8	182693	Jumper, 2-1/4" Orange 15	184080	Jumper, White-Orange 15
182503	Ringer w/Terminals 10	182695	Driver Assembly, Selector Magnet 1,11	184081	Jumper, White-Yellow 15
182510	Cord, Power 15			184082	Jumper, White-Green 15
182520	Rectifier 5,6	182696	Cable Assembly 11	184083	Jumper, White-Blue 15
182523	Clamp, 1-3/8" ID Mounting 6,7,11	182700	Plate, Base 3,6	184084	Jumper, White-Black 15
182524	Button Assembly 3	182703	Bracket 11	184091	Connector, 12 Pt Plug 16
182527	Screw, 4-40 Shoulder 2	182704	Bracket 5,6,8	184155	Cable Assembly 15
182529	Lamp, 10V 2,3	182706	Plate, Pilot 10	184161	Bracket 7
182532	Filter 3	182707	Bracket, Pilot 10	184162	Connector, 22 Pt Circuit Card 7
182533	Screw, 6-32 x 5/16 Rd 14	182708	Bracket, Left 3	184166	Bracket 7
182534	Screw, 4-40 Spl 14	182709	Bracket, Right 3	184168	Card, Circuit 7
182535	Spring 14	182710	Bracket, Upper 5,6,8	184169	Capacitor, 500-600 MFD 7
182536	Connector, 15 Pt Circuit Card 4,5,11,16	182711	Bracket, Lower 5,6	184171	Strip, Terminal 7
182537	Terminal, Tab Type 16	182713	Cap, Amber Lens 10	184193	Transformer 7
182539	Connector, 15 Pt Receptacle Type 4,5,6,8,16	182714	Cap, White Lens 9,10,12	184209	Insulator 7
182553	Plate, Base 14	182715	Cap, Red Lens 9	185676	Terminal, Plug Type 8,11
182554	Spring, Compression 14	182716	Connector, 9 Pt Plug Type 11,16	185677	Terminal, Receptacle Type 4,8
182556	Lockout 14	182717	Board, Terminal 3	185678	Plate, Identification 4,5,6
182557	Bracket 14	182718	Buzzer, 10V AC 3	185679	Plate, Identification 5,6,12
182558	Frame 14	182719	Bracket, Guide 5	185682	Plate, Identification 6,8
182559	Plunger 14	182720	Bracket, Dial 13	185683	Plate, Identification 5,6
182561	Contact Assembly 14	182721	Bracket 10	185688	Plate, Identification 5
		182722	Transformer w/Terminals 11	192007	Terminal, Tab Type 8,9

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Part Number	Description and Page Number	Part Number	Description and Page Number	Part Number	Description and Page Number
193040	Connector w/Guide Slot 16	198520	Insulator, .062" Thk 4	328383	Board, Cover 9
193179	Lamp, 28V 9	198521	Bracket 4	328389	Jumper, 8" Black 8
193209	Connector, Receptacle Type 7	198522	Clip, Spring 4,7	328390	Jumper, 8" Black 8
193438	Strip, Lamp 3	198528	Bracket 4	328391	Jumper, 6" Orange 8
193486	Modification Kit 13	198529	Strip, Terminal 4	328392	Jumper, 6" Orange 8
193487	Modification Kit 13	198650	Key, Polarizing 7,11	328393	Jumper, 6" Black 8
193488	Modification Kit 13	199311	Insulator 10	328394	Jumper, 8" Black 8
193489	Modification Kit 3,13	199397	Bracket, Fuse 5,6,8	328395	Jumper, 6" Black 8
193706	Jumper, 3" White-Orange 15	300340	Bushing 9	328396	Jumper, 8" White 8
193708	Jumper, 3" Black 15	304992	Bushing, Blocking 3	328397	Jumper, 6" White 8
195614	Pin, Key 4,5,6,8,16	305453	Transformer w/Terminals 4	328398	Jumper, 6" White 8
195618	Jumper, 5-1/4" White-Purple 4	305454	Transformer 4	328399	Jumper, 8" White 8
195924	Modification Kit 13	305688	Card, Circuit 4	328400	Jumper, 8" Black 8
195926	Modification Kit 13	305689	Card, Circuit 4	328739	Plate, Switch 9
195927	Modification Kit 13	311406	Terminal, Receptacle Type 11	328740	Bracket, Mounting 9
195940	Stud 9	320408	Terminal, Spade Type 13,16	328741	Post 9
197028	Terminal 8	320410	Terminal, Spade Type 5,8,15,16	328742	Switch, Rotary 8
197054	Jumper, 3 IN Black 8	320412	Terminal, Spade Type 4,11,16	328743	Switch, Lever 9
197081	Switch, 3 Positions 6,7,10	320418	Terminal, Ring Type 15,16	328808	Plate, Base 8
197464	Diode 9	326635	Network, Spark Suppression 9	330782	Shield, Transformer 11
197939	Switch, Pushbutton 9	328362	Bar, Mounting 8	330793	Transformer 11
198515	Card, Circuit 4	328363	Bracket, Guide 9	332709	Driver Assembly, Selector Magnet 1,11
198517	Bracket 4	328382	Board, Terminal 9	333515	Shield, Transformer 11
198518	Bushing, Insulating 4,7,11				
198519	Insulator 4				