

33 CALL CONTROL UNIT (UCC)

PARTS

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** Denotes a painted part
HF-Light Olive Gray Smooth Vinyl

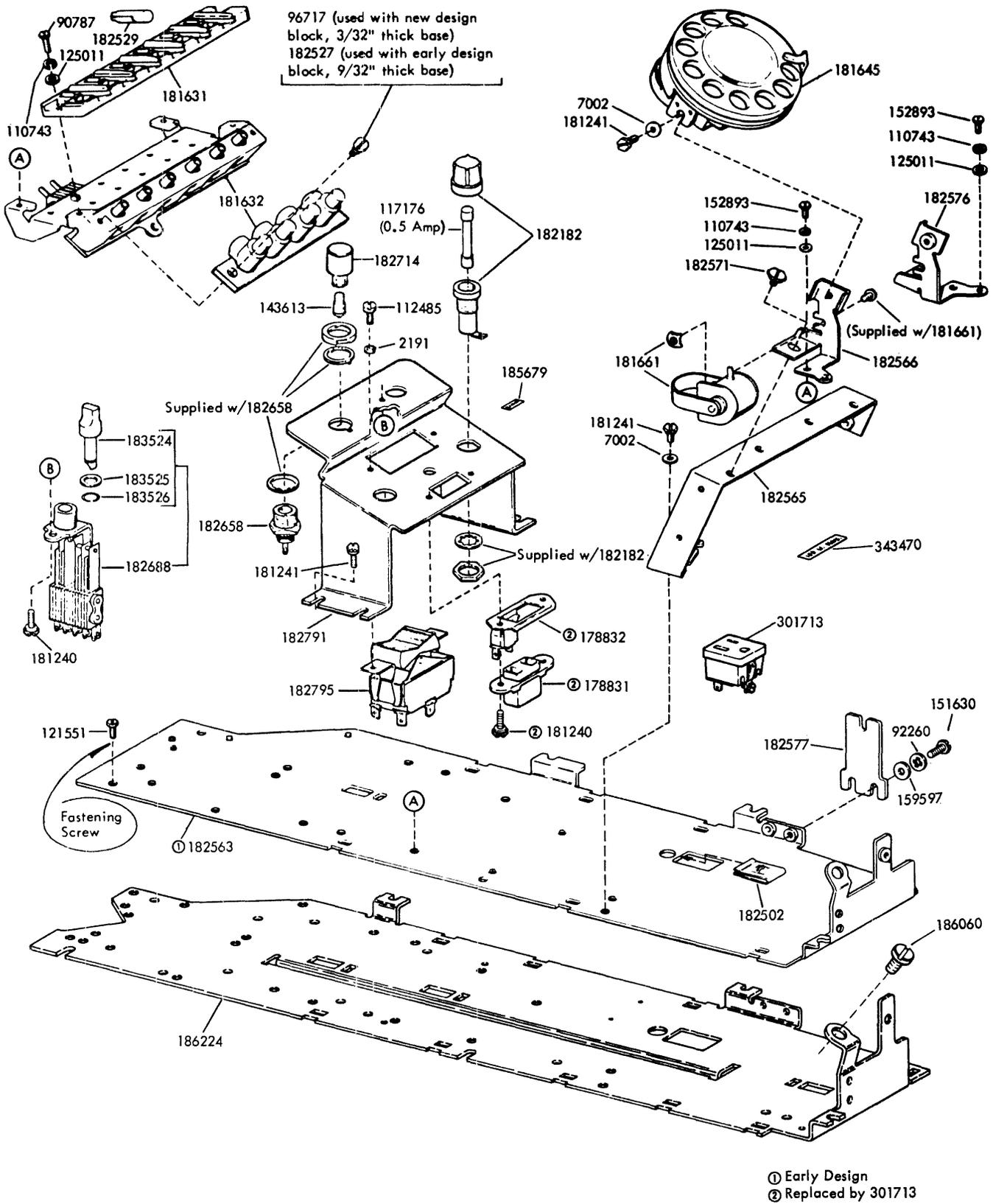


FIGURE 1. BASE PLATE COMPONENTS FOR USE WITH ROTARY DIAL

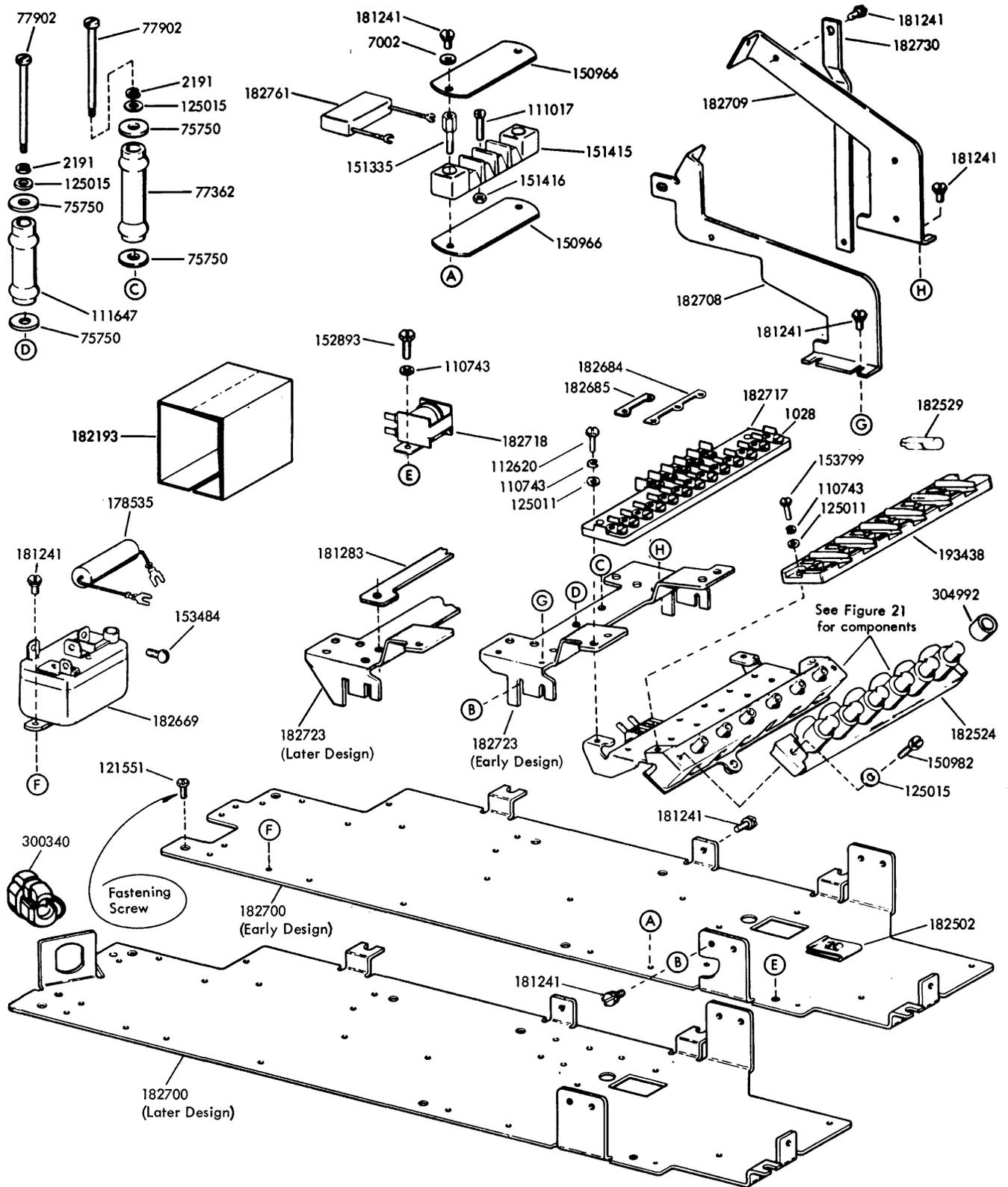


FIGURE 2. BASE PLATE COMPONENTS FOR USE WITH TOUCH-TONE OR CARD DIALING

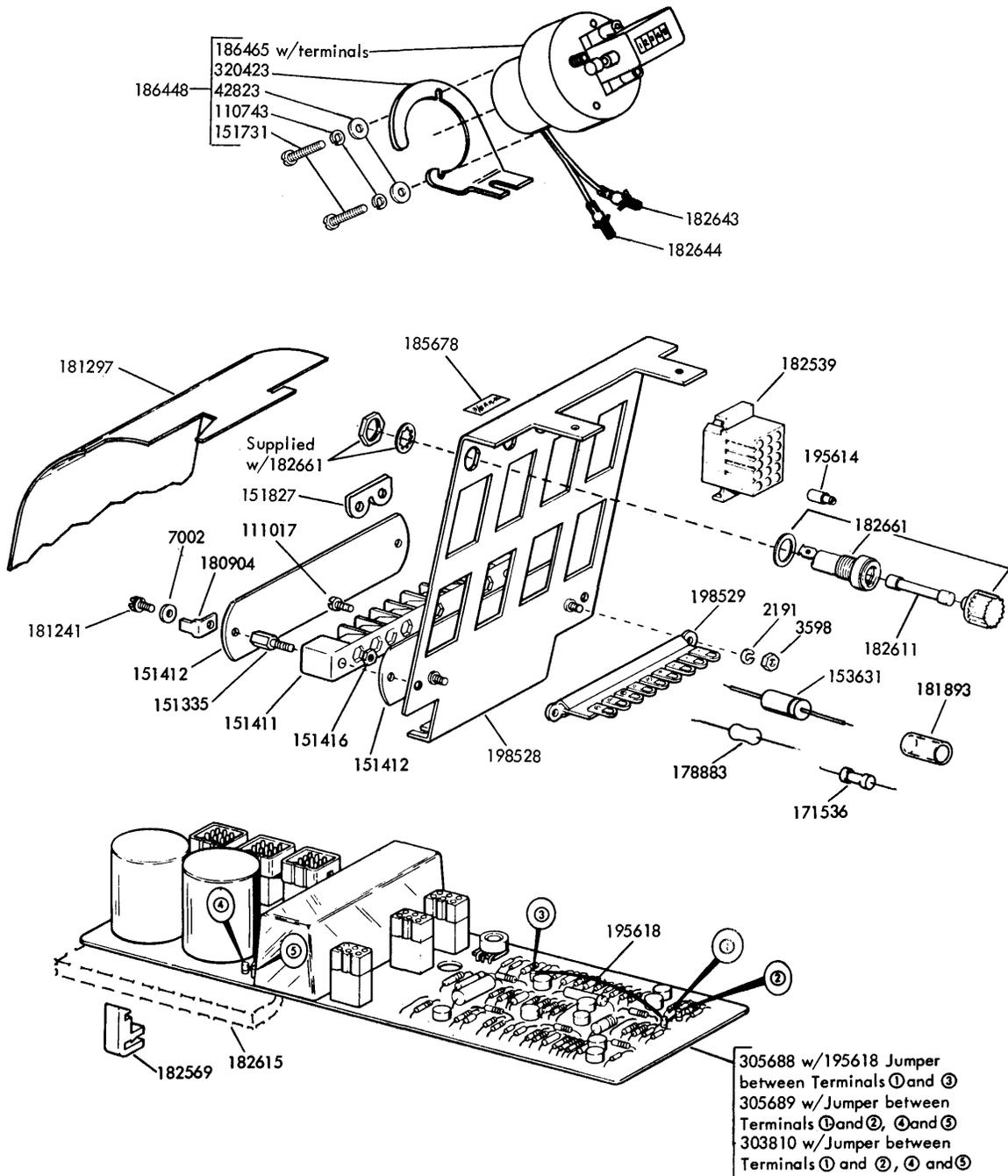


FIGURE 4. ELECTRICAL COMPONENTS FOR USE WITH ROTARY DIAL (Continued)

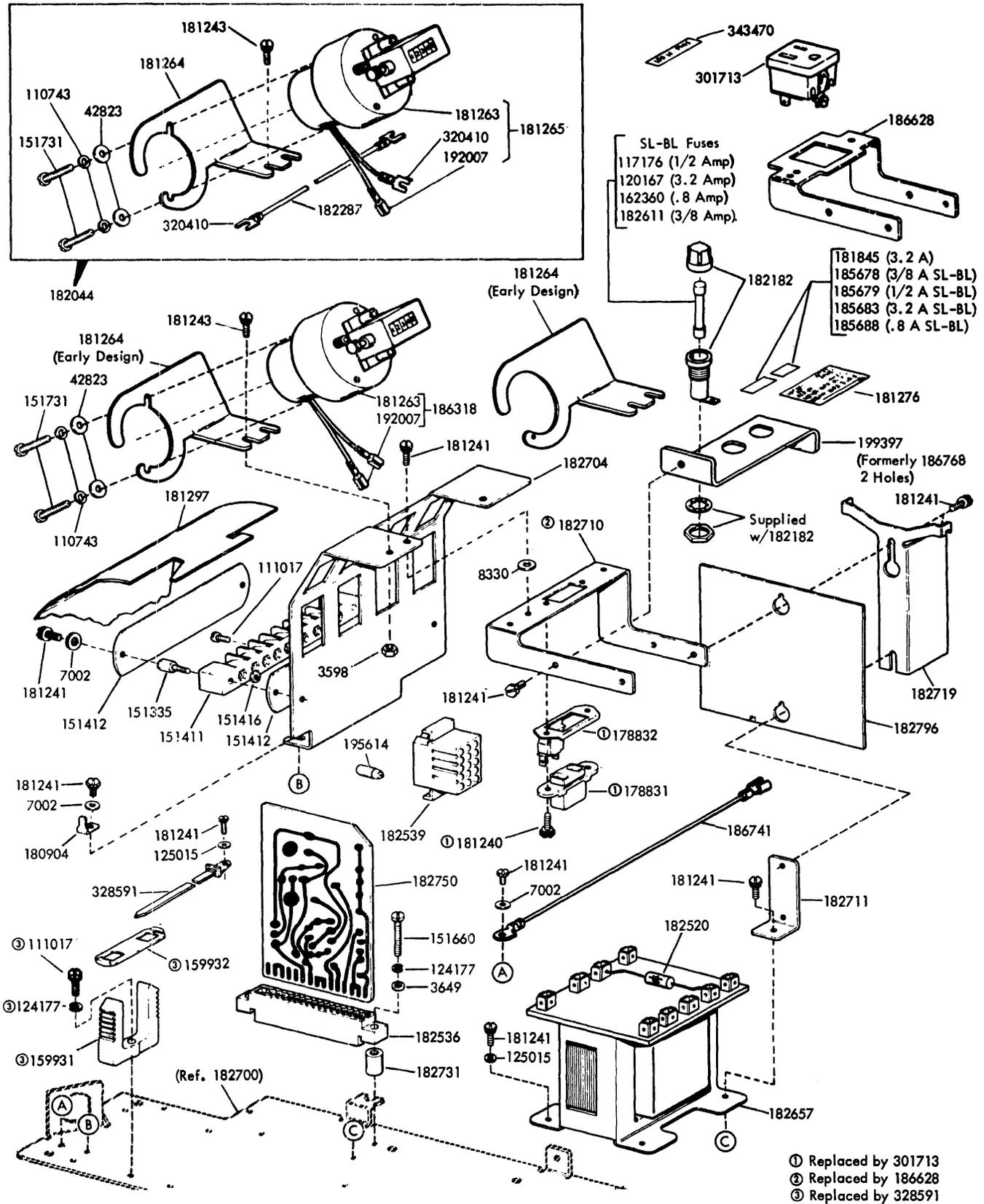


FIGURE 5. ELECTRICAL COMPONENTS FOR USE WITH TOUCH-TONE OR CARD DIALING

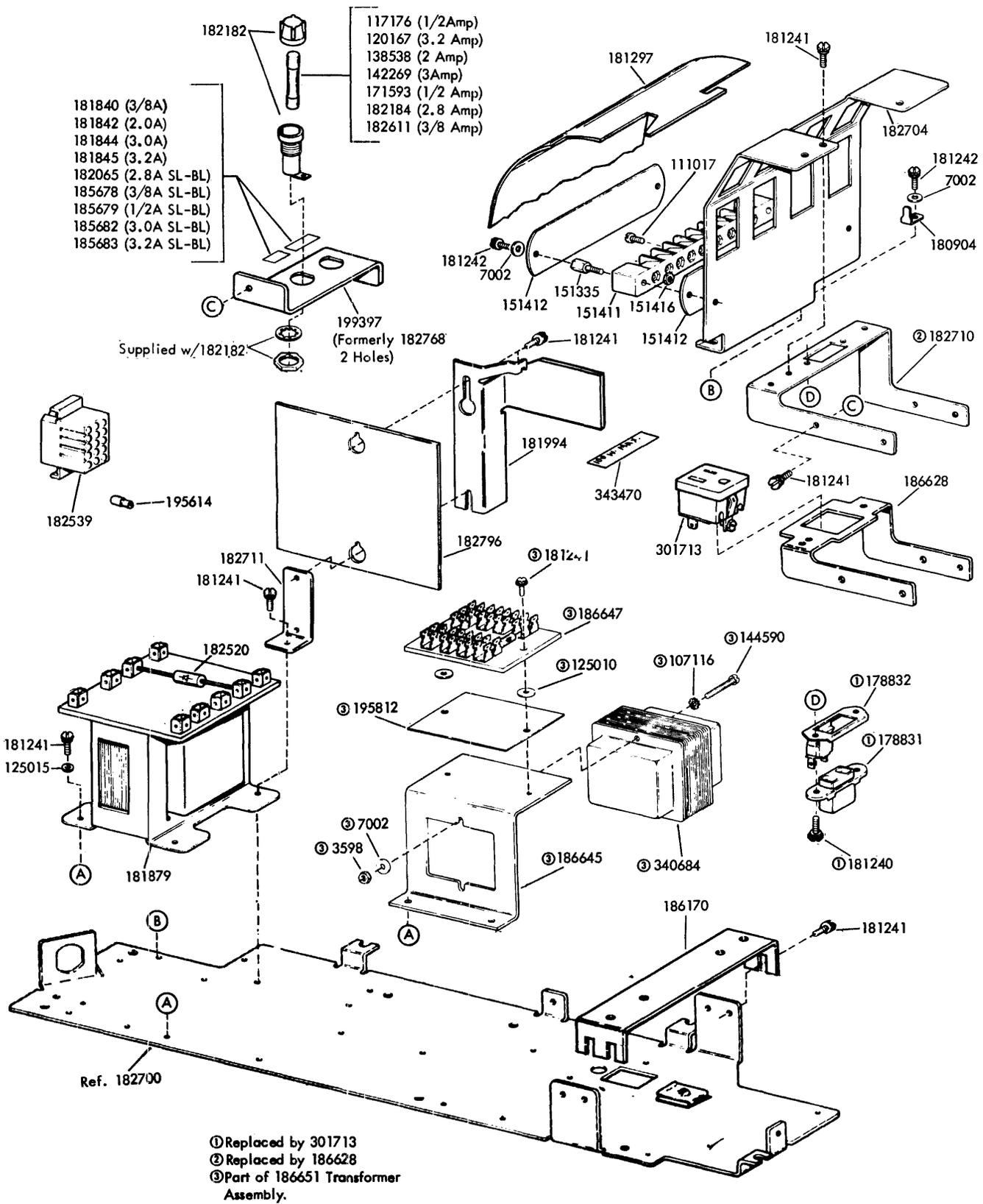


FIGURE 7. BASE PLATE AND ELECTRICAL COMPONENTS FOR D.C. PRIVATE LINE (Continued)

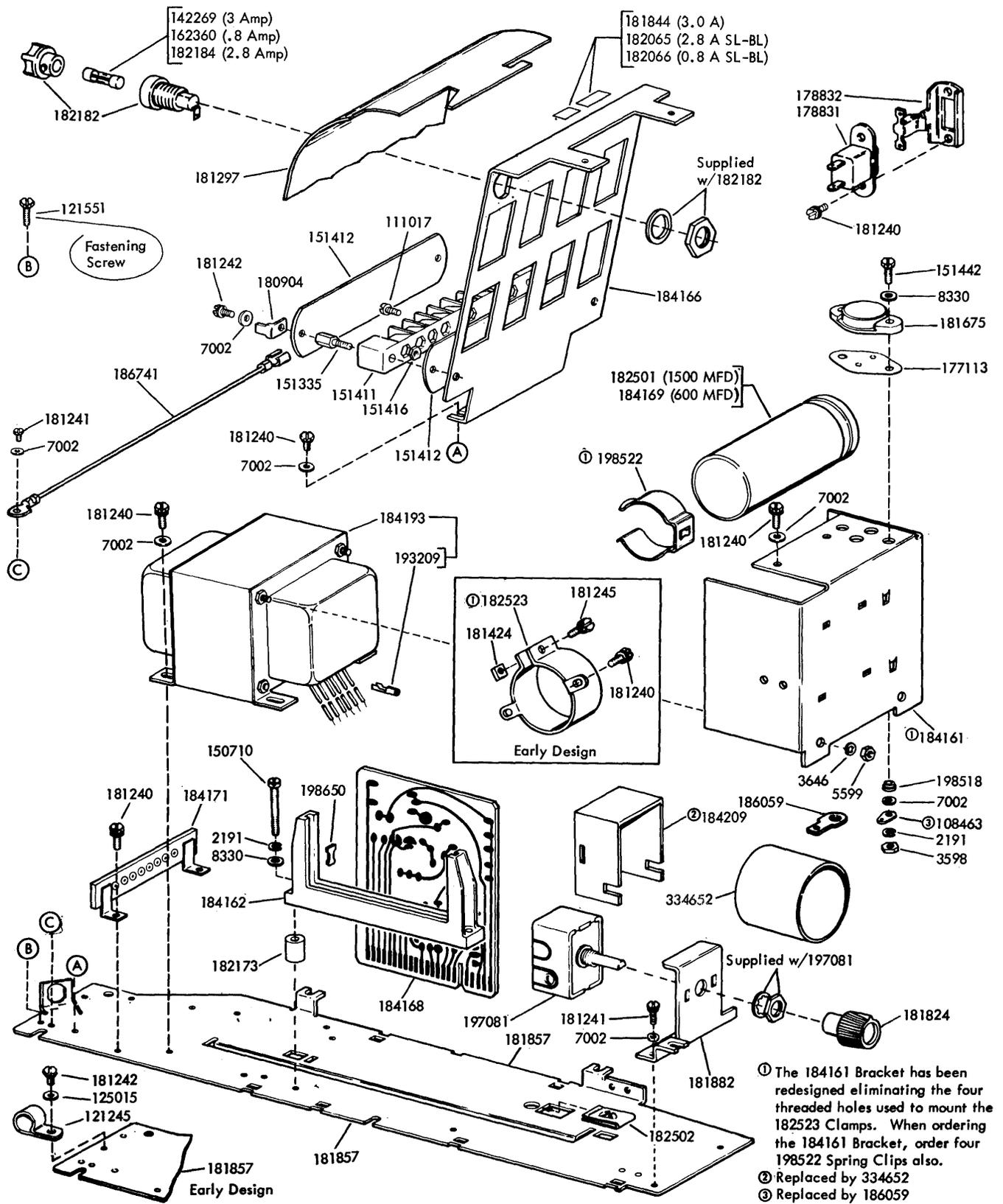
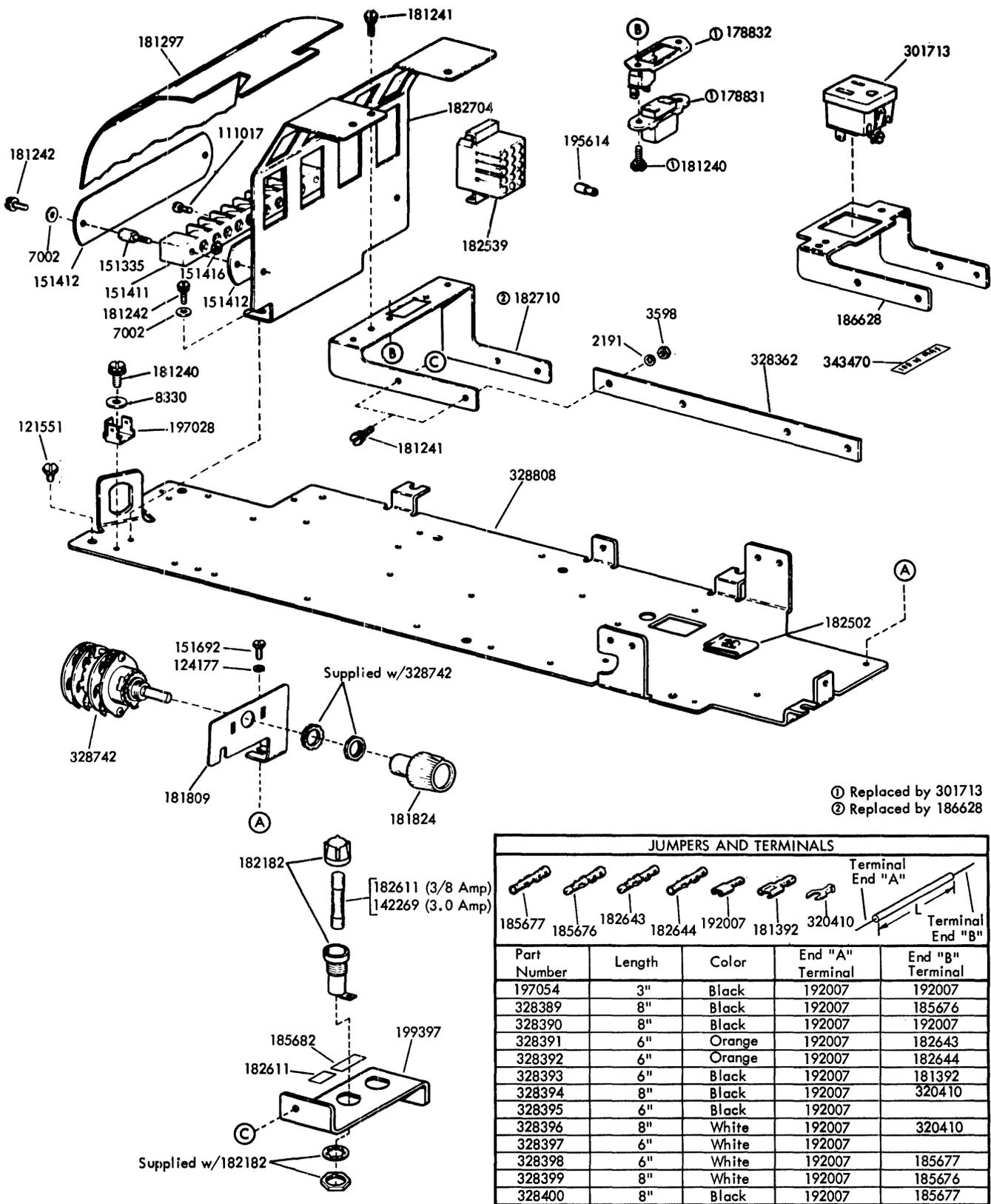


FIGURE 8. ELECTRICAL COMPONENTS FOR COMPUTER CONTROL PRIVATE LINE



① Replaced by 301713
 ② Replaced by 186628

FIGURE 9. BASE PLATE AND ELECTRICAL COMPONENTS FOR USE WITH STATION CONTROLLERS

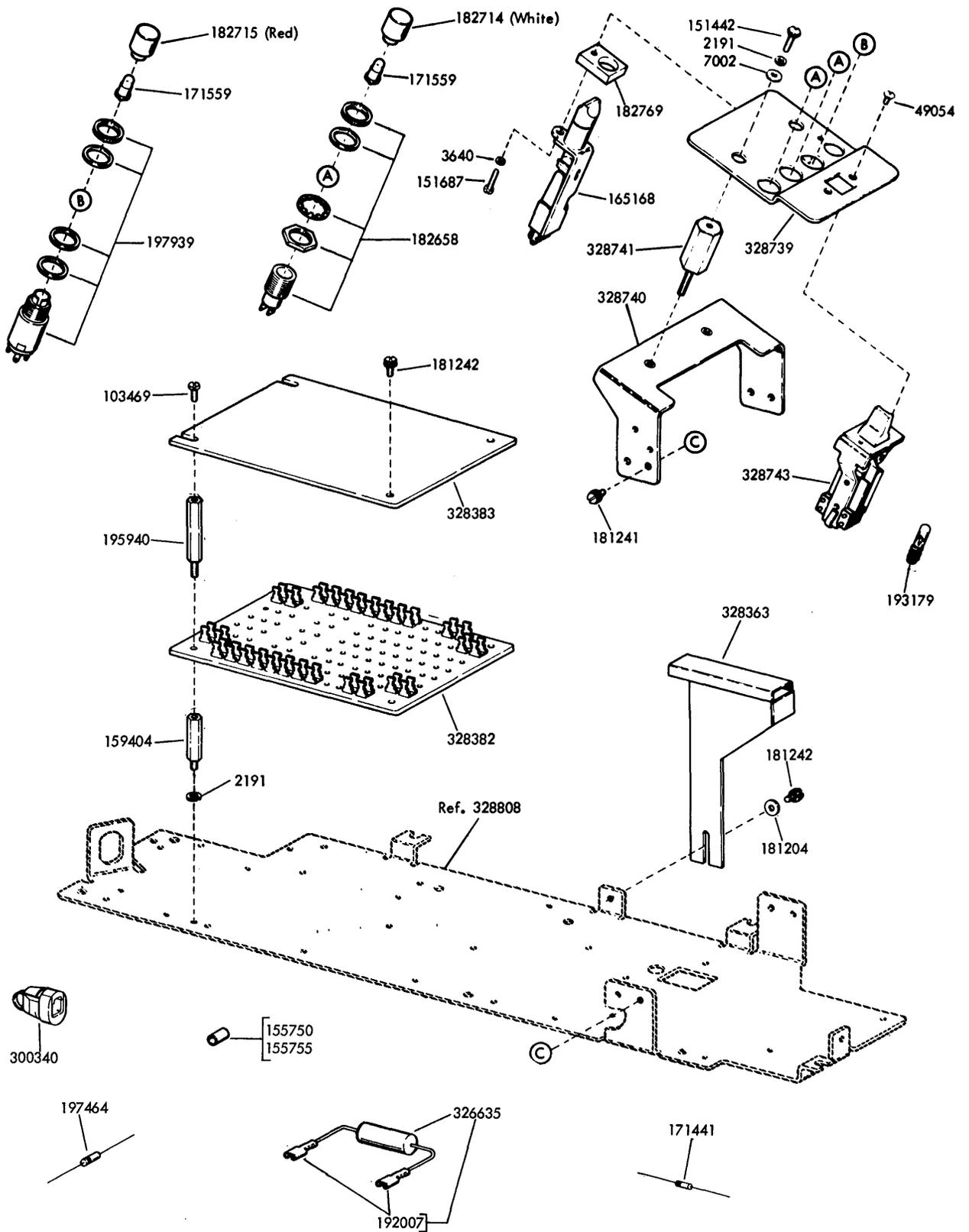


FIGURE 10. BASE PLATE AND ELECTRICAL COMPONENTS FOR USE WITH STATION CONTROLLER (Continued)

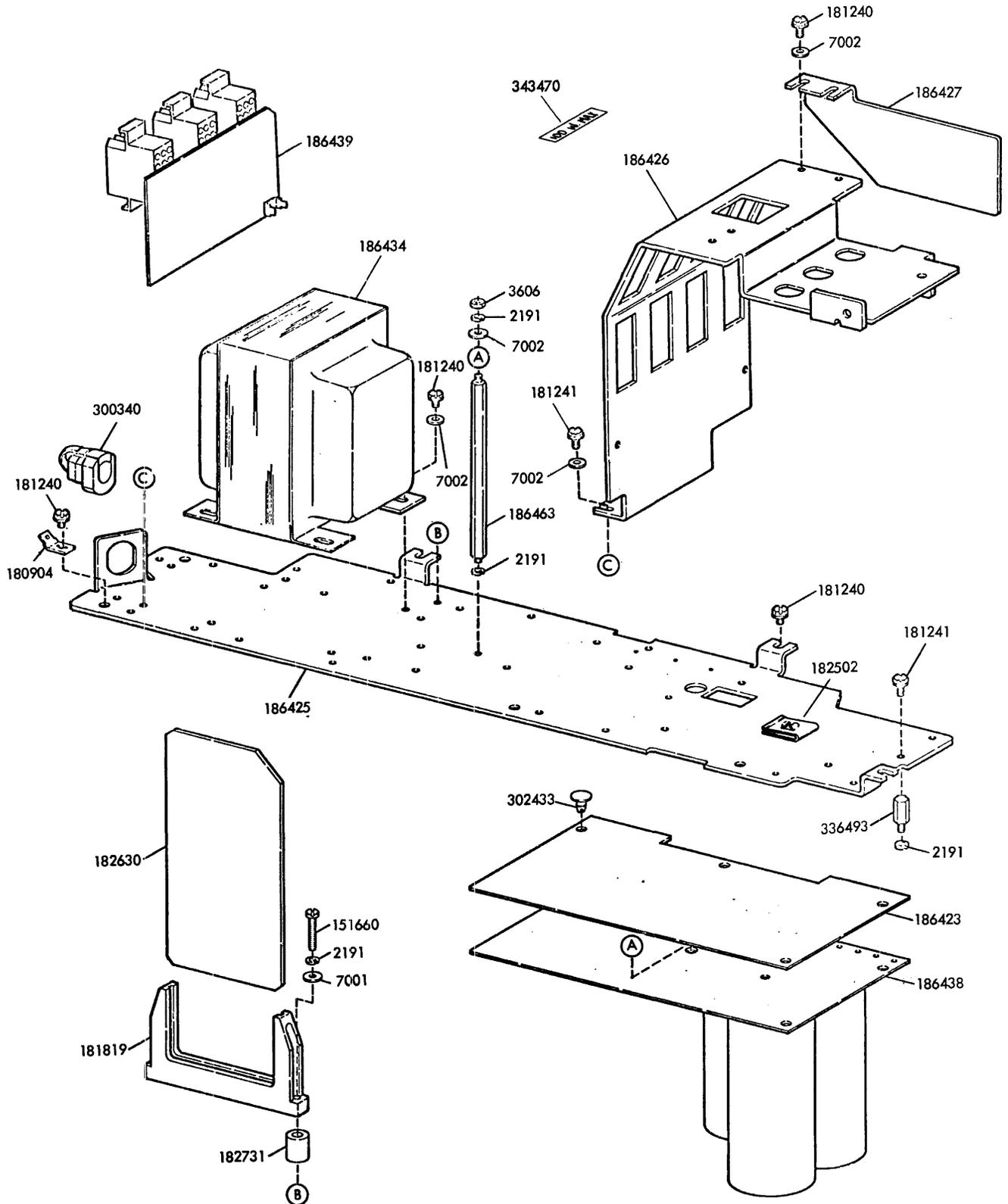


FIGURE 11. BASE PLATE AND ELECTRICAL COMPONENTS

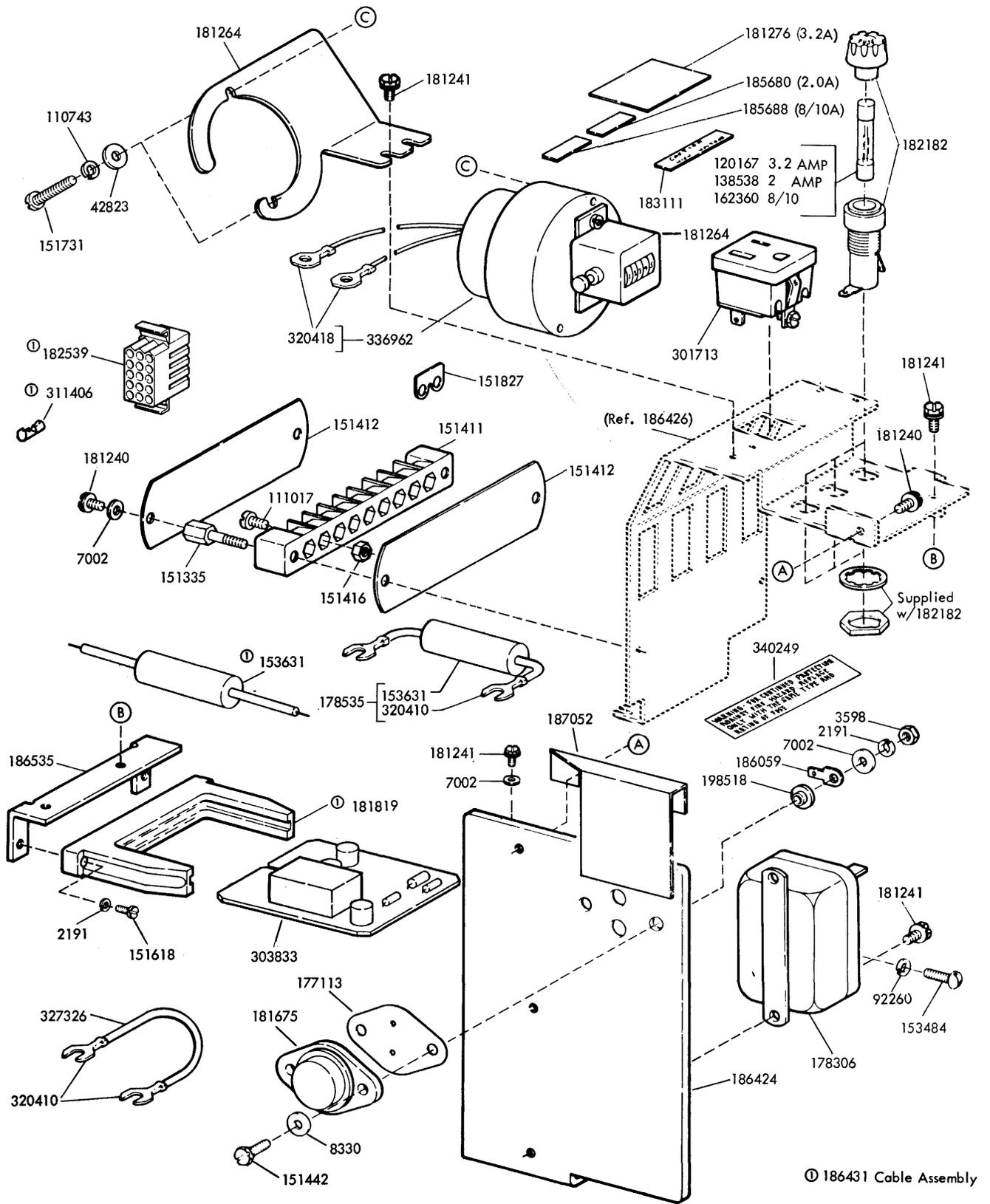


FIGURE 12. BASE PLATE AND ELECTRICAL COMPONENTS (Continued)

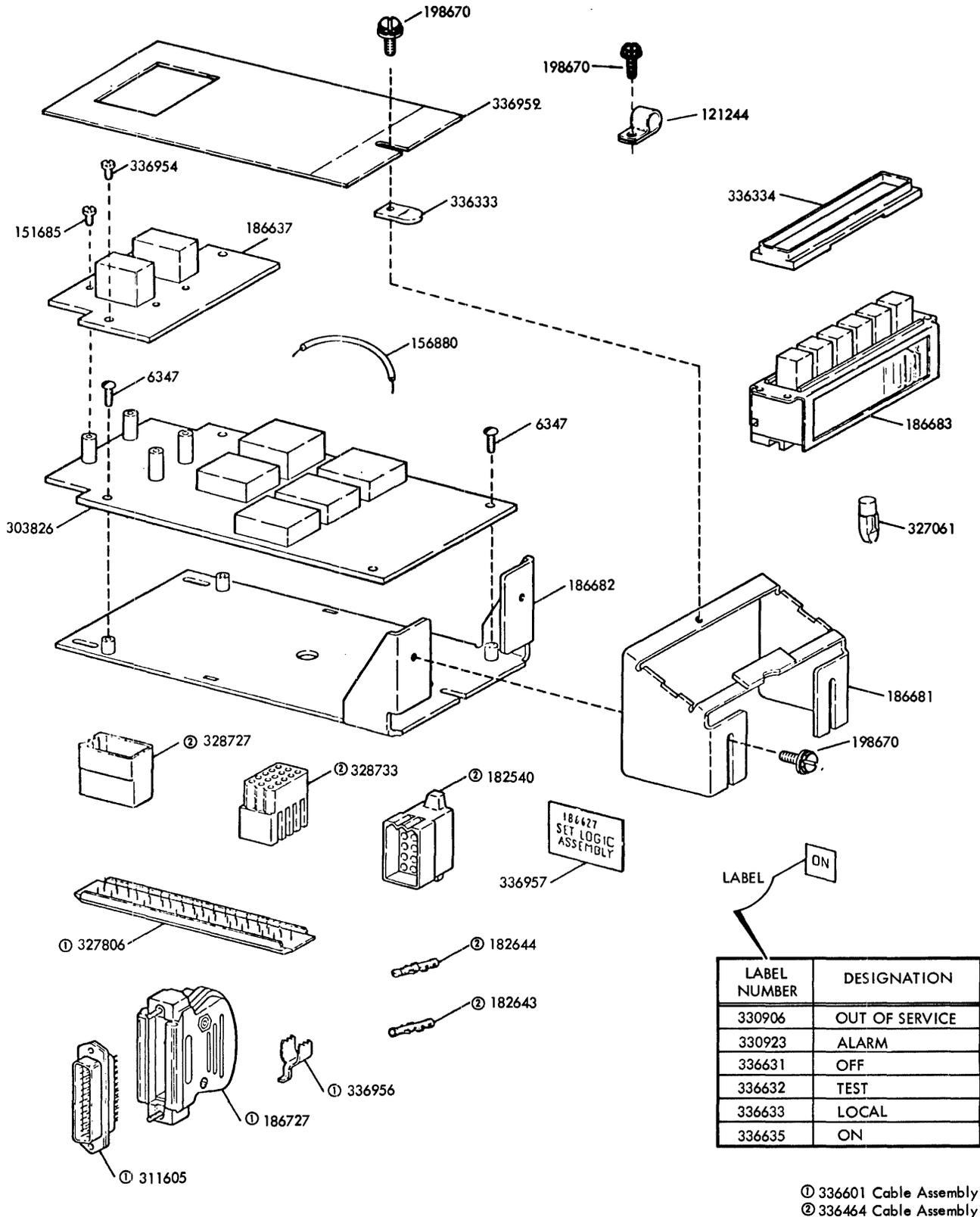
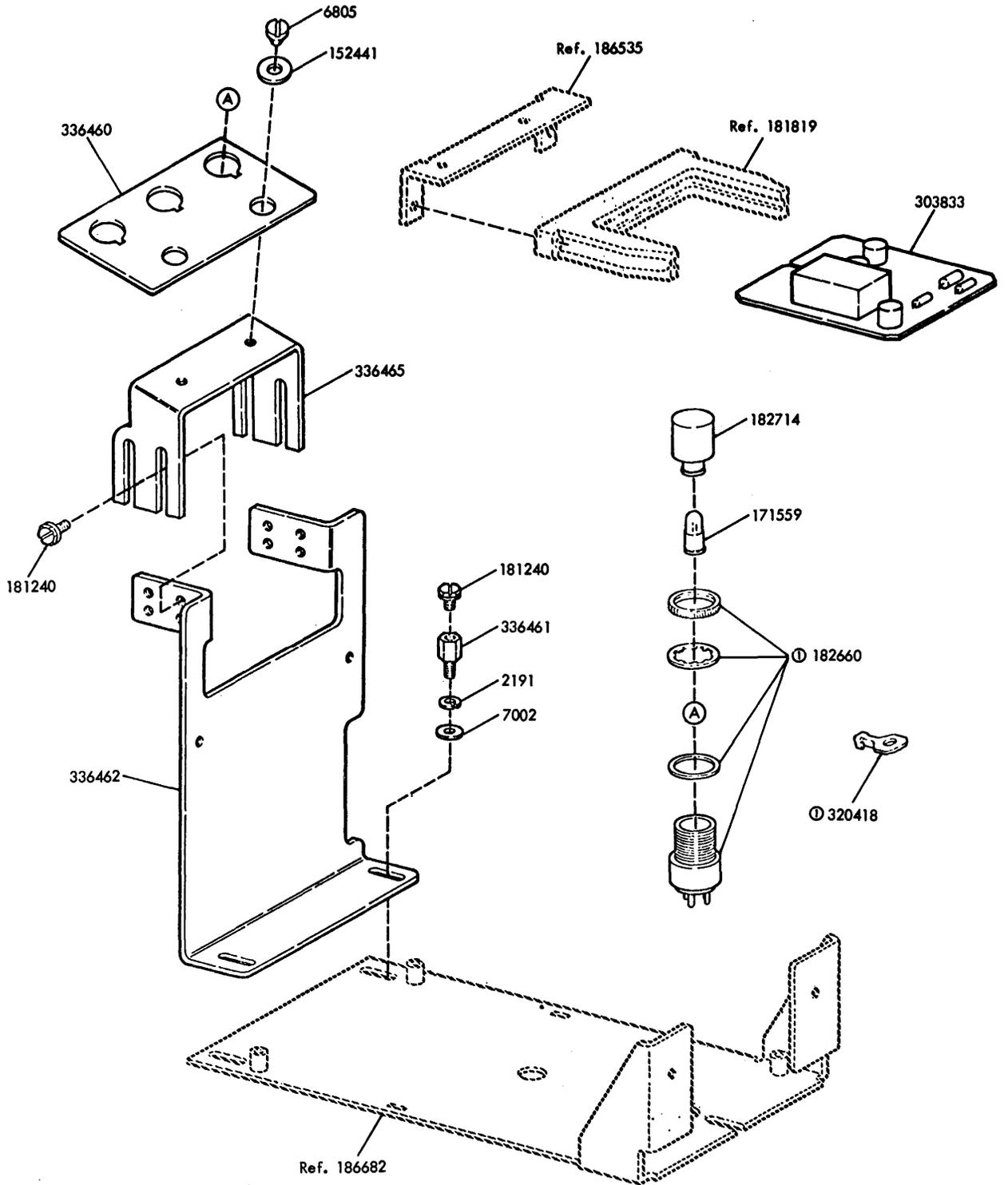
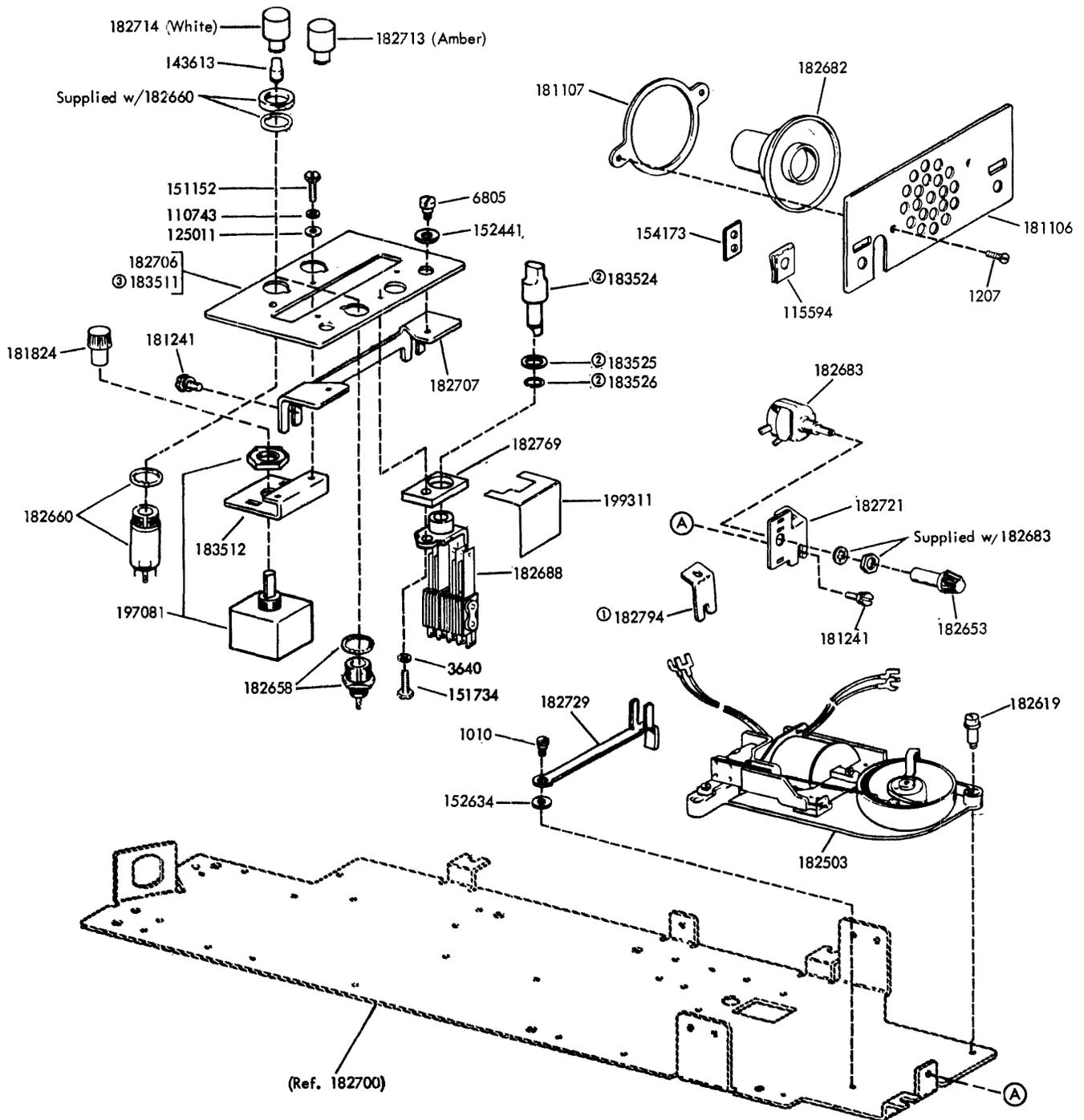


FIGURE 13. 186627 SET INTERFACE LOGIC ASSEMBLY



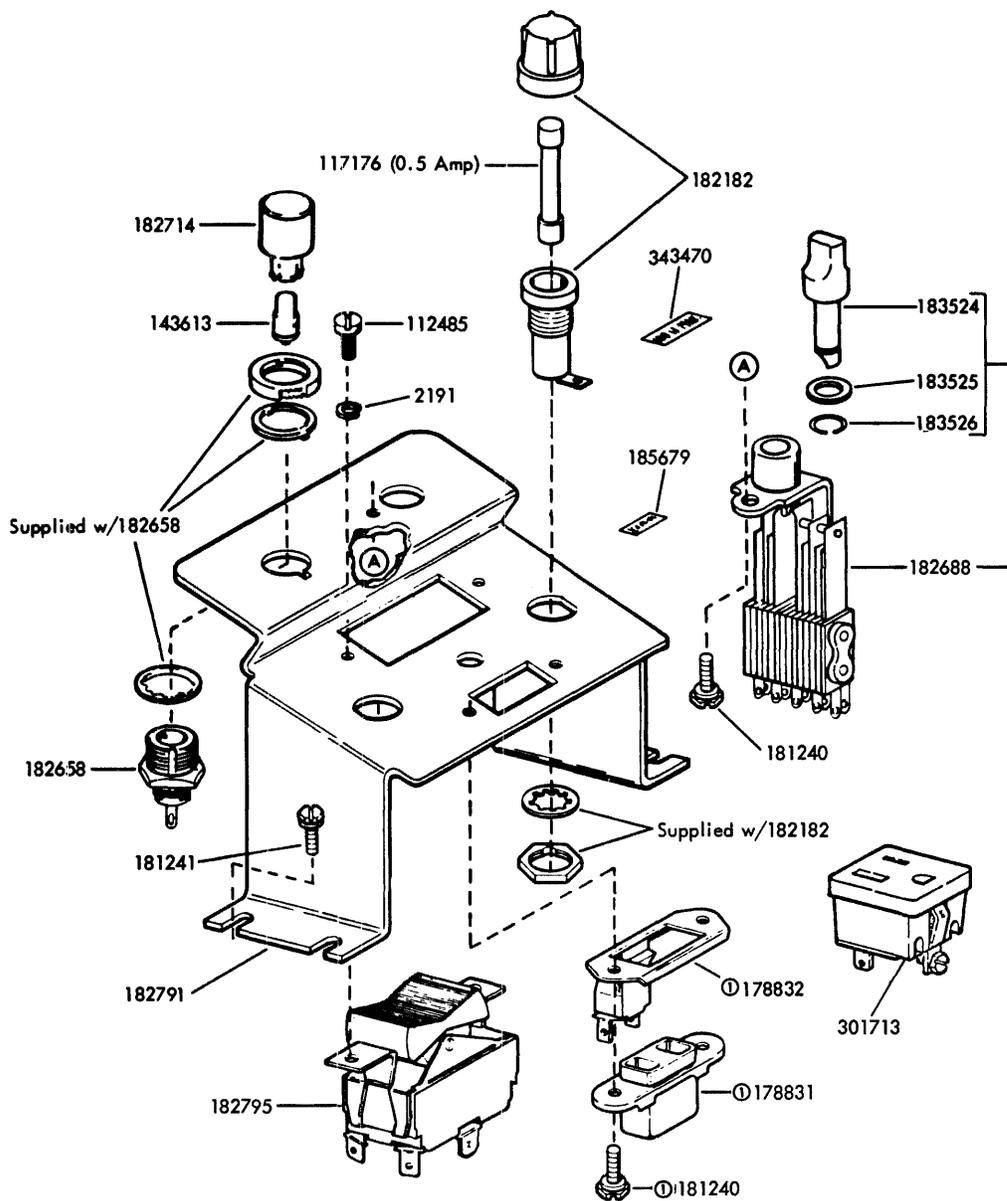
ⓐ 336471 Cable Assembly

FIGURE 14. 186630 MODIFICATION KIT TO PROVIDE BREAK DETECTION AND INDICATION



- ① No longer available. Replaced by 182721
- ② Part of 182688
- ③ Accepts the 183512 Bracket and Switch

FIGURE 15. ALARMS AND SPEAKER



Ⓐ Replaced by 301713

FIGURE 17. RECEIVE-ONLY BRACKET COMPONENTS

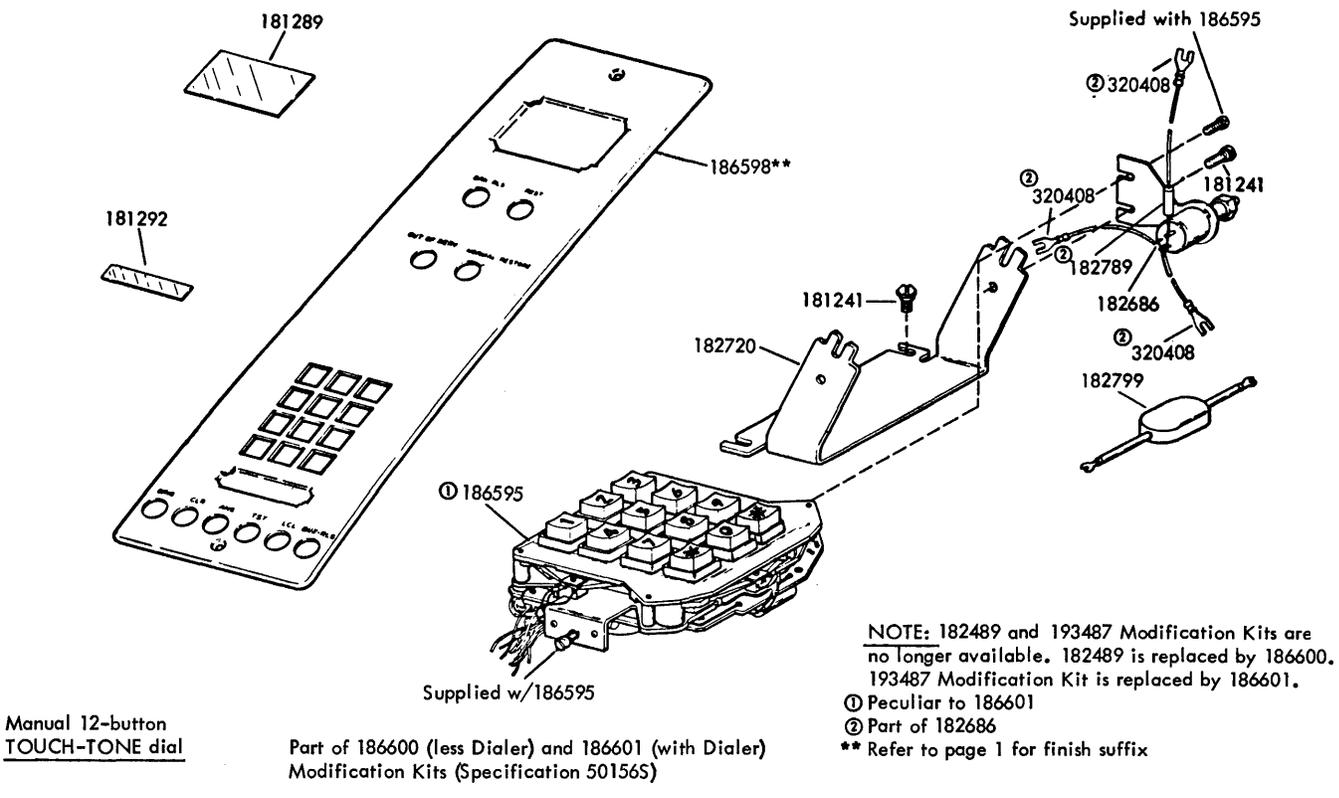
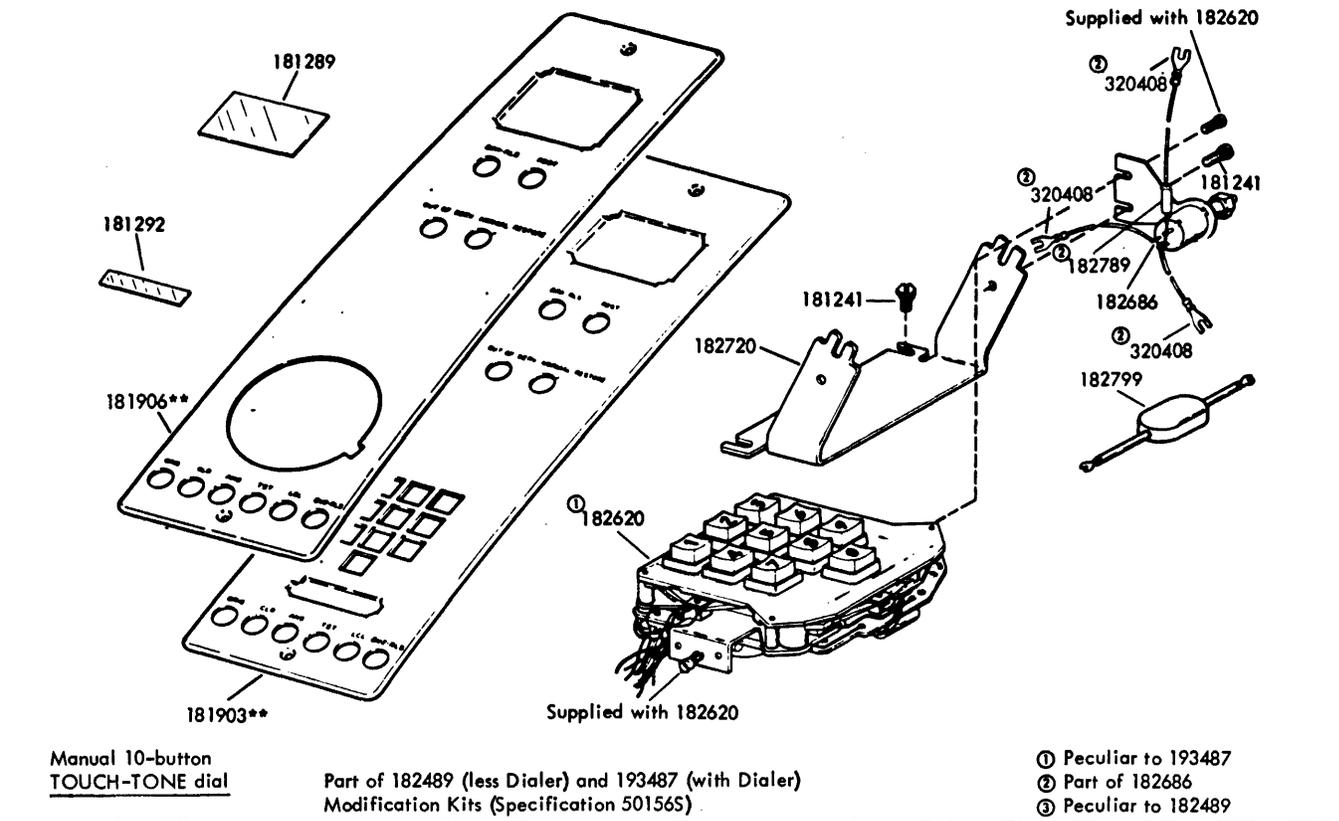
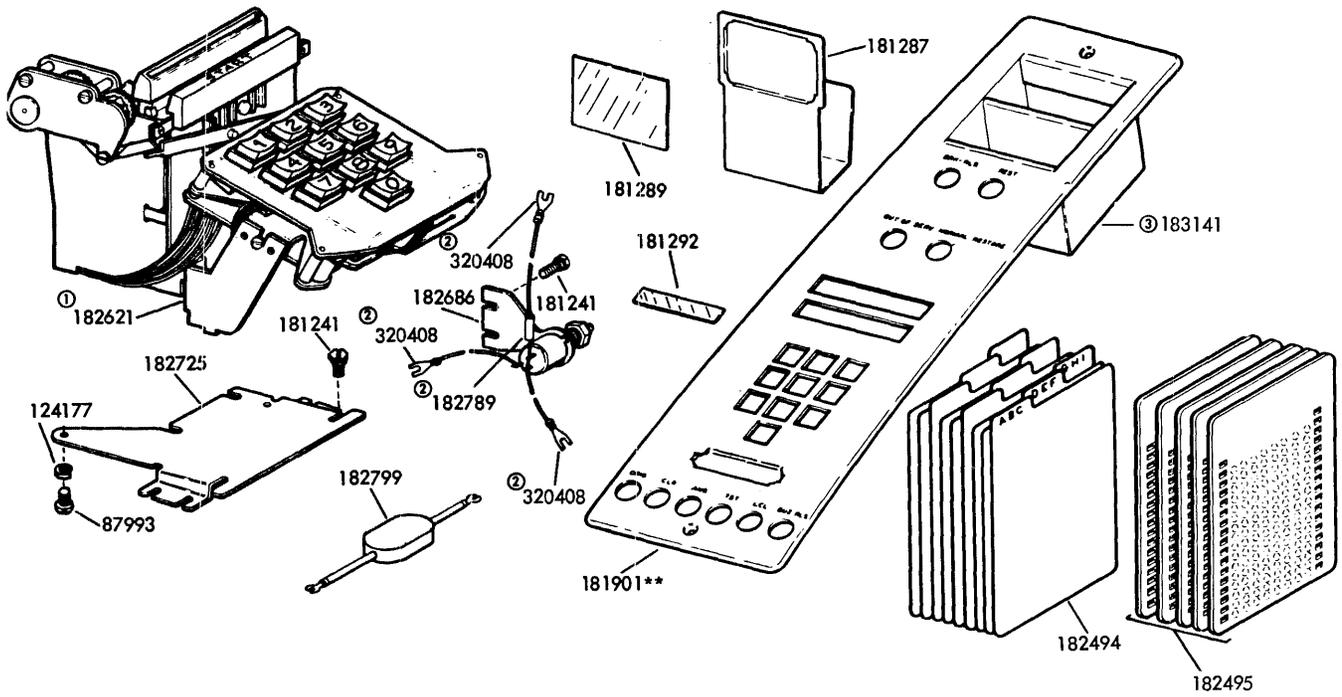


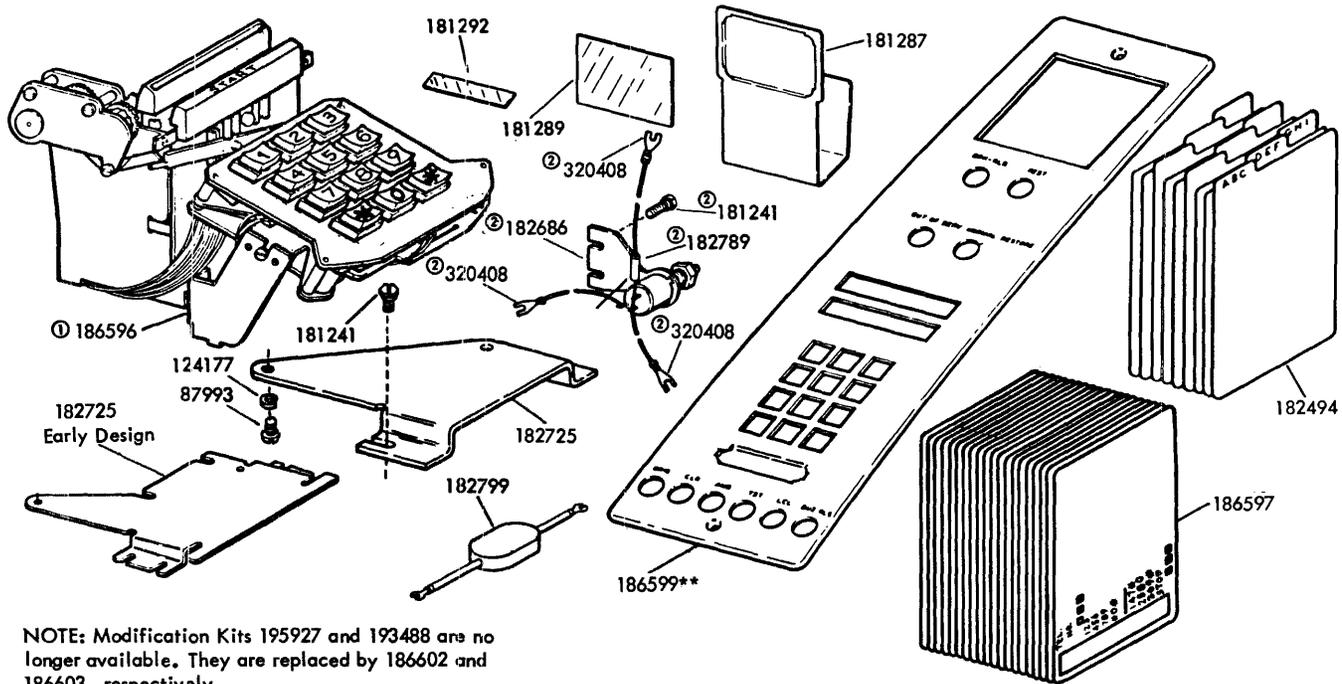
FIGURE 18. 182489, 193487, 186600 AND 186601 DIAL MODIFICATIONS



Manual 10-button
TOUCH-TONE and Card Dial

Part of 195927 (less Dialer) and 193488 (with Dialer)
Modification Kits (Specification 501405)

- ① Peculiar to 193488
- ② Part of 182686
- ③ Supplied as part of faceplate or can be ordered separately



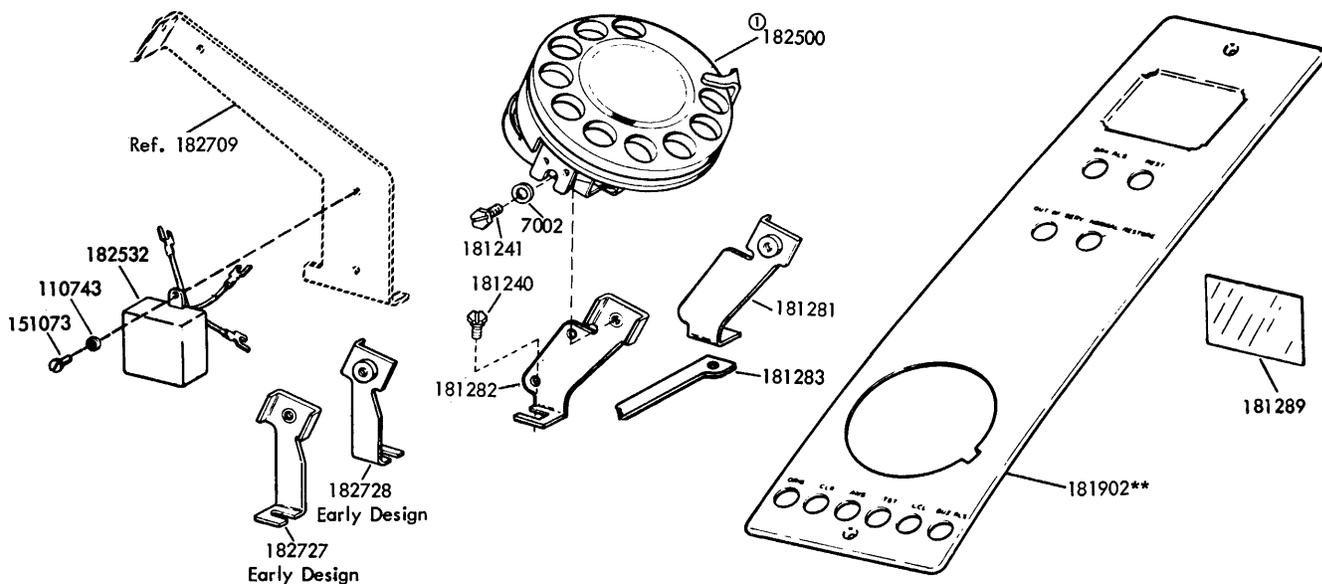
NOTE: Modification Kits 195927 and 193488 are no longer available. They are replaced by 186602 and 186603, respectively.

Manual 12-button
TOUCH-TONE and Card Dial

Part of 186602 (less Dialer) and 186603 (with Dialer)
Modification Kits (Specification 501405)

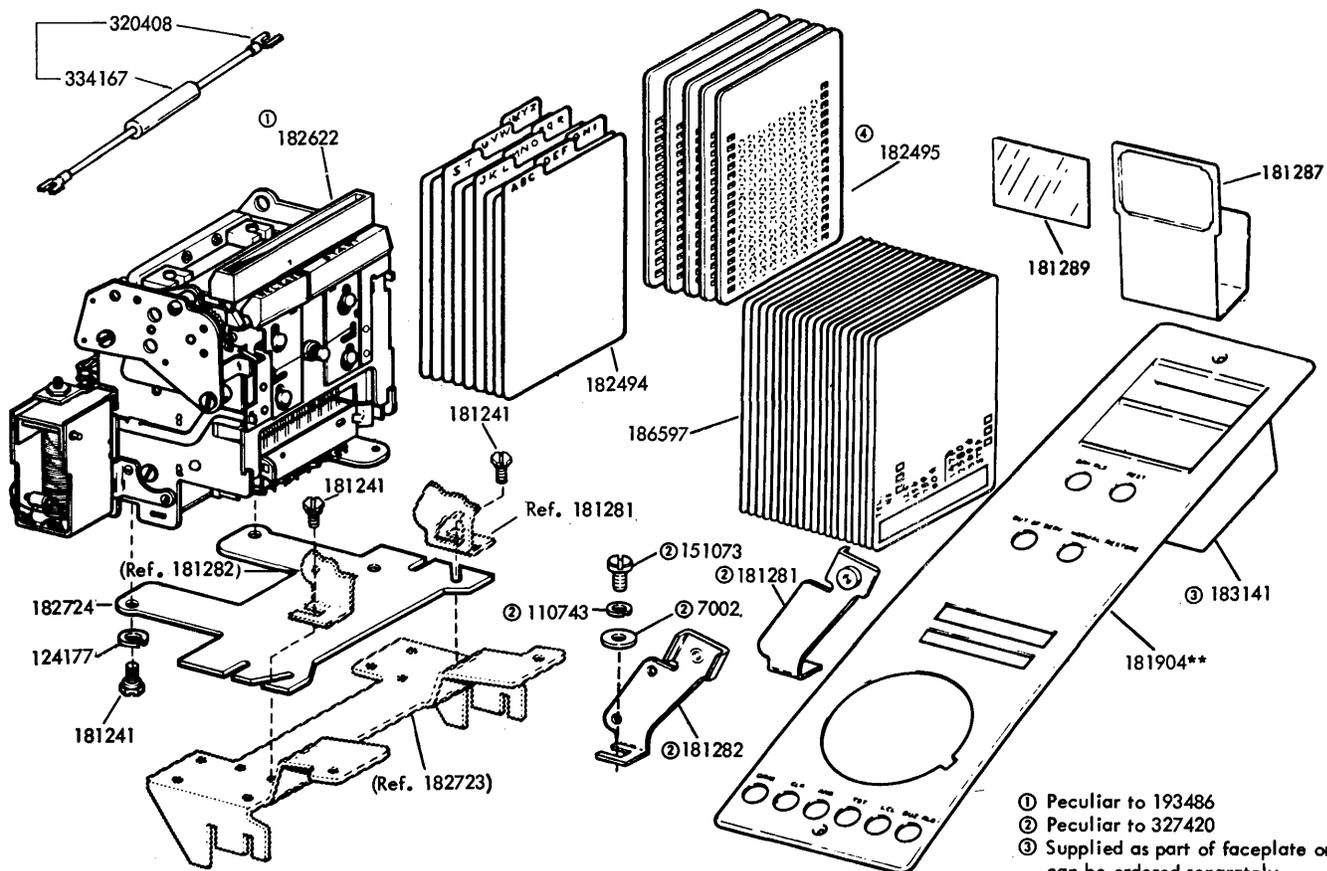
- ① Peculiar to 186603
- ② Part of 182686
- **Refer to page 1 for finish suffix

FIGURE 19. 186602, 186603, 193488 AND 195927 DIAL MODIFICATIONS



Rotary Dial Part of 193489 (with Dialer) and 195926 (less Dialer) Modification Kits (Specification 501565)

① Peculiar to 193489



DC Card Dial Part of 193486 (with Dial) and 195924 (less Dial) Modification Kits (Specification 501645) and 327420 (less Dial) Modification Kit (Specification 501565)

- ① Peculiar to 193486
- ② Peculiar to 327420
- ③ Supplied as part of faceplate or can be ordered separately
- ** Refer to page 1 for finish suffix
- ④ Replaced by 186597

FIGURE 20. 193486, 193489, 195924, 195926 AND 327420 DIAL MODIFICATIONS

		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

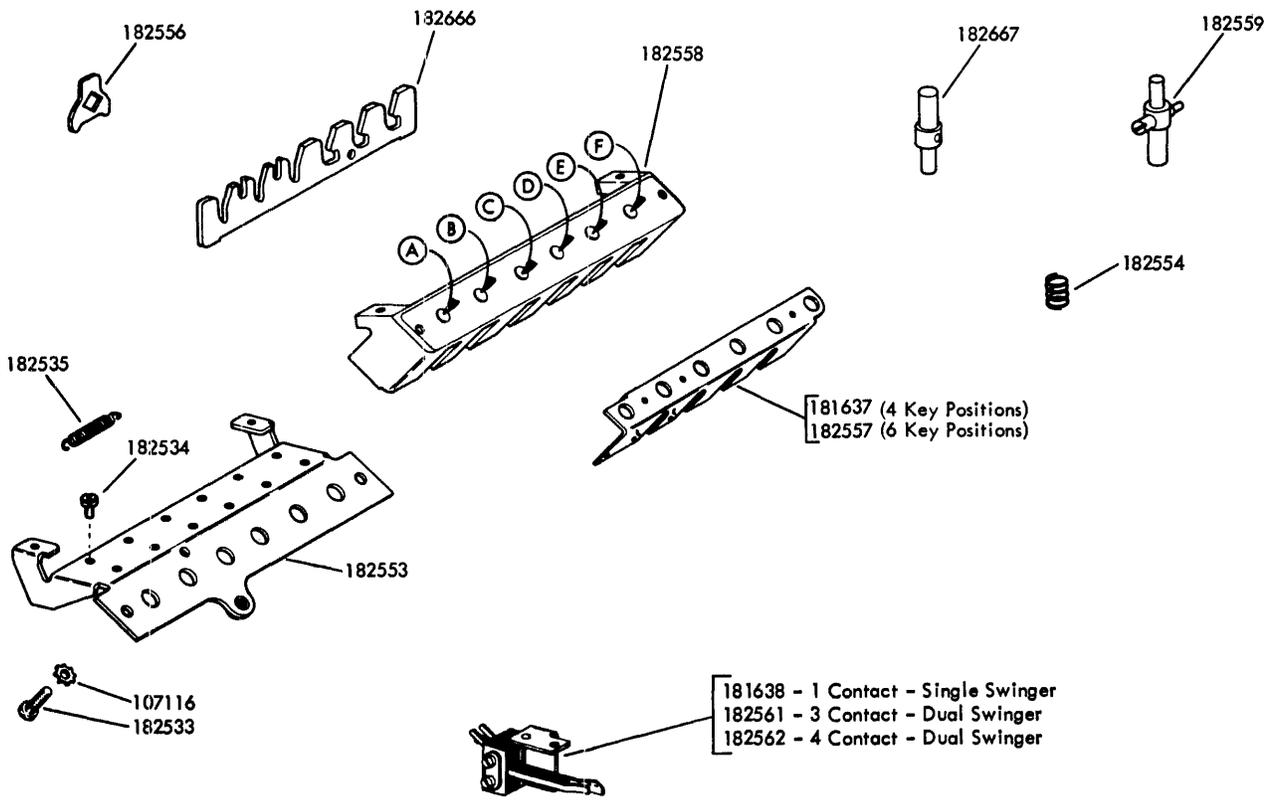
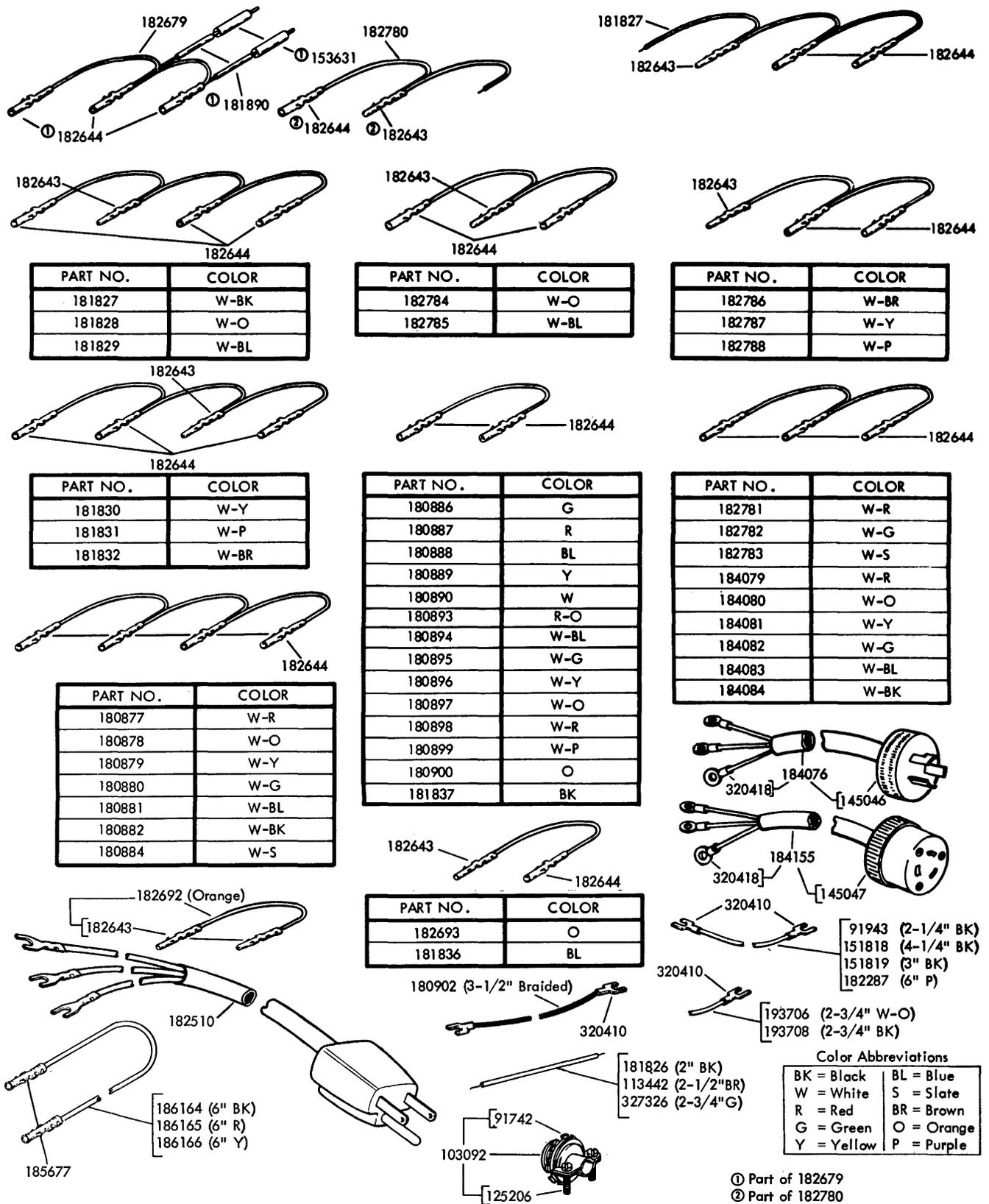


FIGURE 21. KEY ASSEMBLIES



PART NO.	COLOR
181827	W-BK
181828	W-O
181829	W-BL

PART NO.	COLOR
182784	W-O
182785	W-BL

PART NO.	COLOR
182786	W-BR
182787	W-Y
182788	W-P

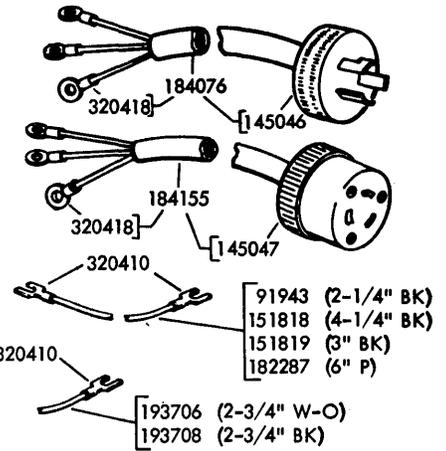
PART NO.	COLOR
181830	W-Y
181831	W-P
181832	W-BR

PART NO.	COLOR
180886	G
180887	R
180888	BL
180889	Y
180890	W
180893	R-O
180894	W-BL
180895	W-G
180896	W-Y
180897	W-O
180898	W-R
180899	W-P
180900	O
181837	BK

PART NO.	COLOR
182781	W-R
182782	W-G
182783	W-S
184079	W-R
184080	W-O
184081	W-Y
184082	W-G
184083	W-BL
184084	W-BK

PART NO.	COLOR
180877	W-R
180878	W-O
180879	W-Y
180880	W-G
180881	W-BL
180882	W-BK
180884	W-S

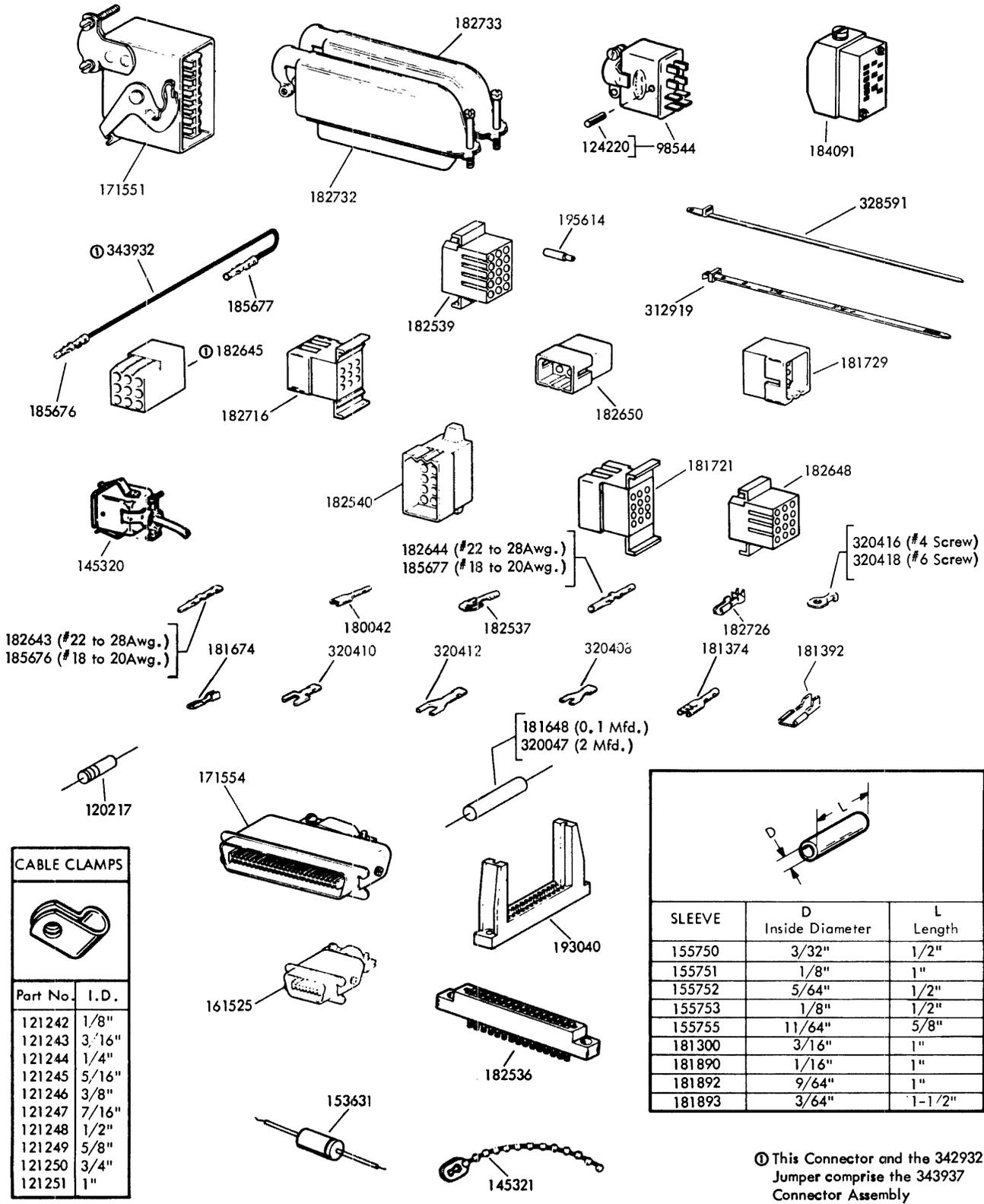
PART NO.	COLOR
182693	O
181836	BL



Color Abbreviations			
BK = Black	BL = Blue	W = White	S = Slate
R = Red	BR = Brown	G = Green	O = Orange
Y = Yellow	P = Purple		

ⓐ Part of 182679
 ⓑ Part of 182780

FIGURE 22. POWER CORDS AND JUMPERS



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"

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"

Ⓢ This Connector and the 342932 Jumper comprise the 342932 Connector Assembly

FIGURE 23. CABLE COMPONENTS

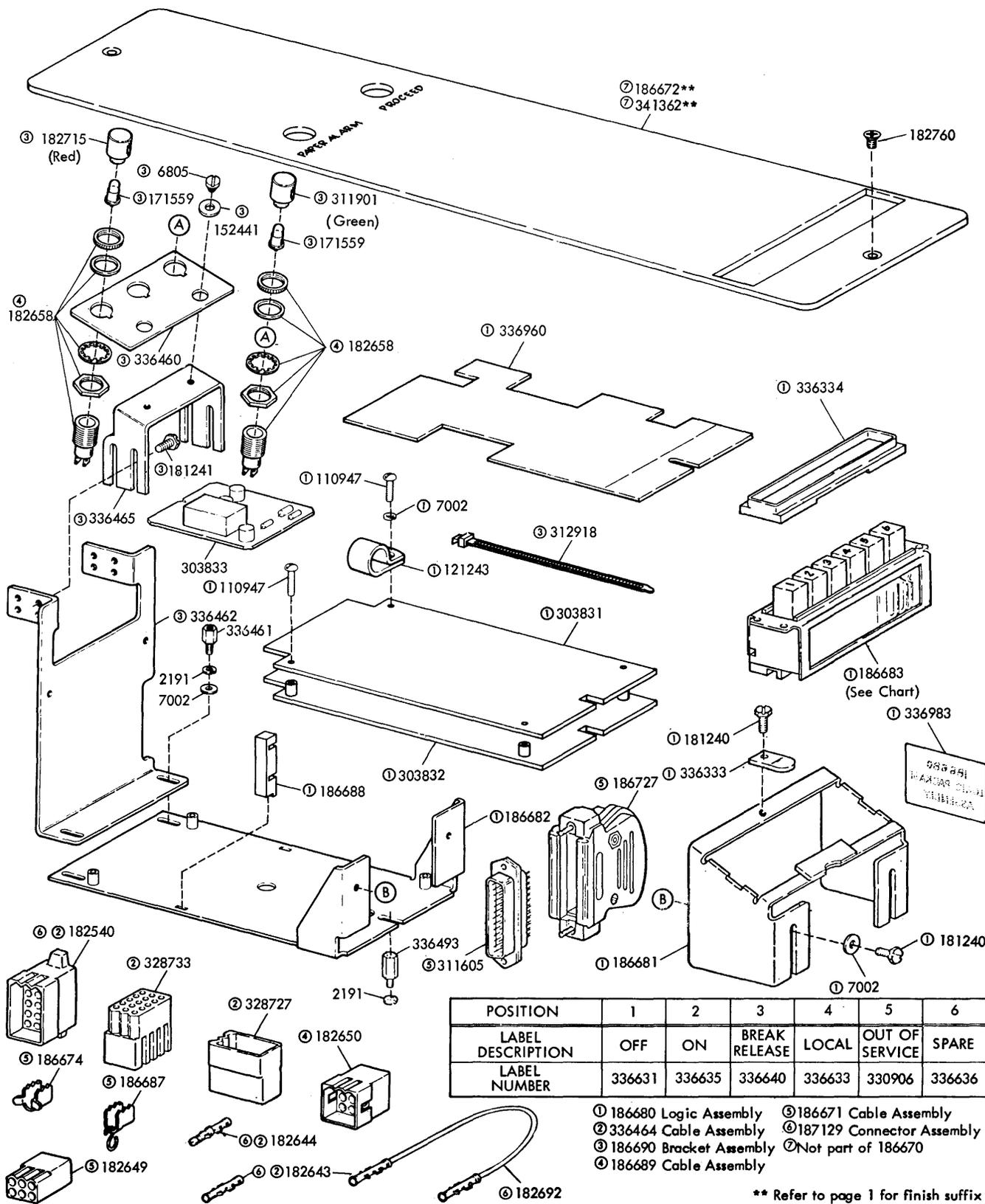


FIGURE 24. 186670 MODIFICATION KIT TO PROVIDE PRIVATE LINE

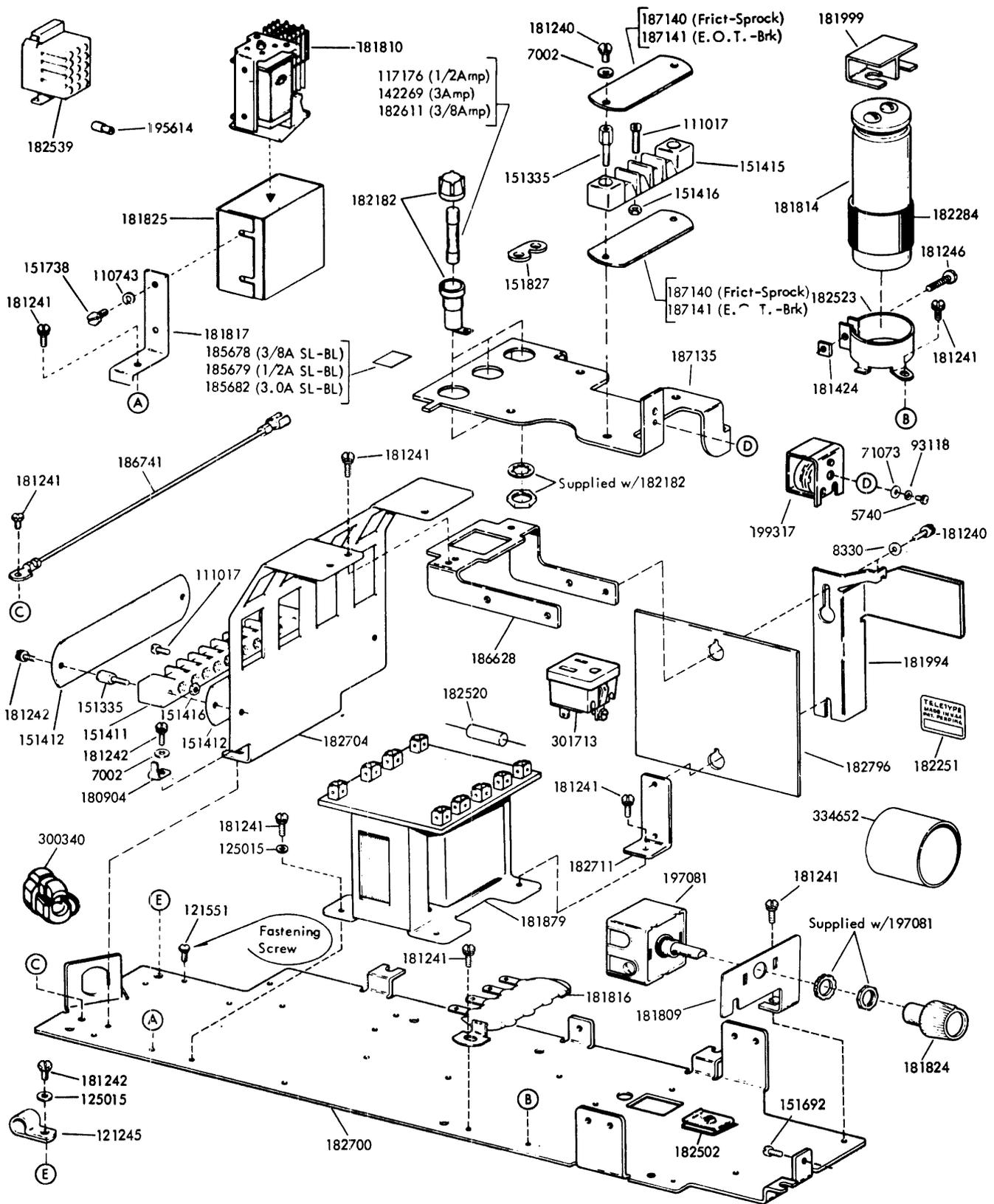


FIGURE 25. BASE PLATE AND ELECTRICAL COMPONENTS FOR PRIVATE WIRE SERVICE

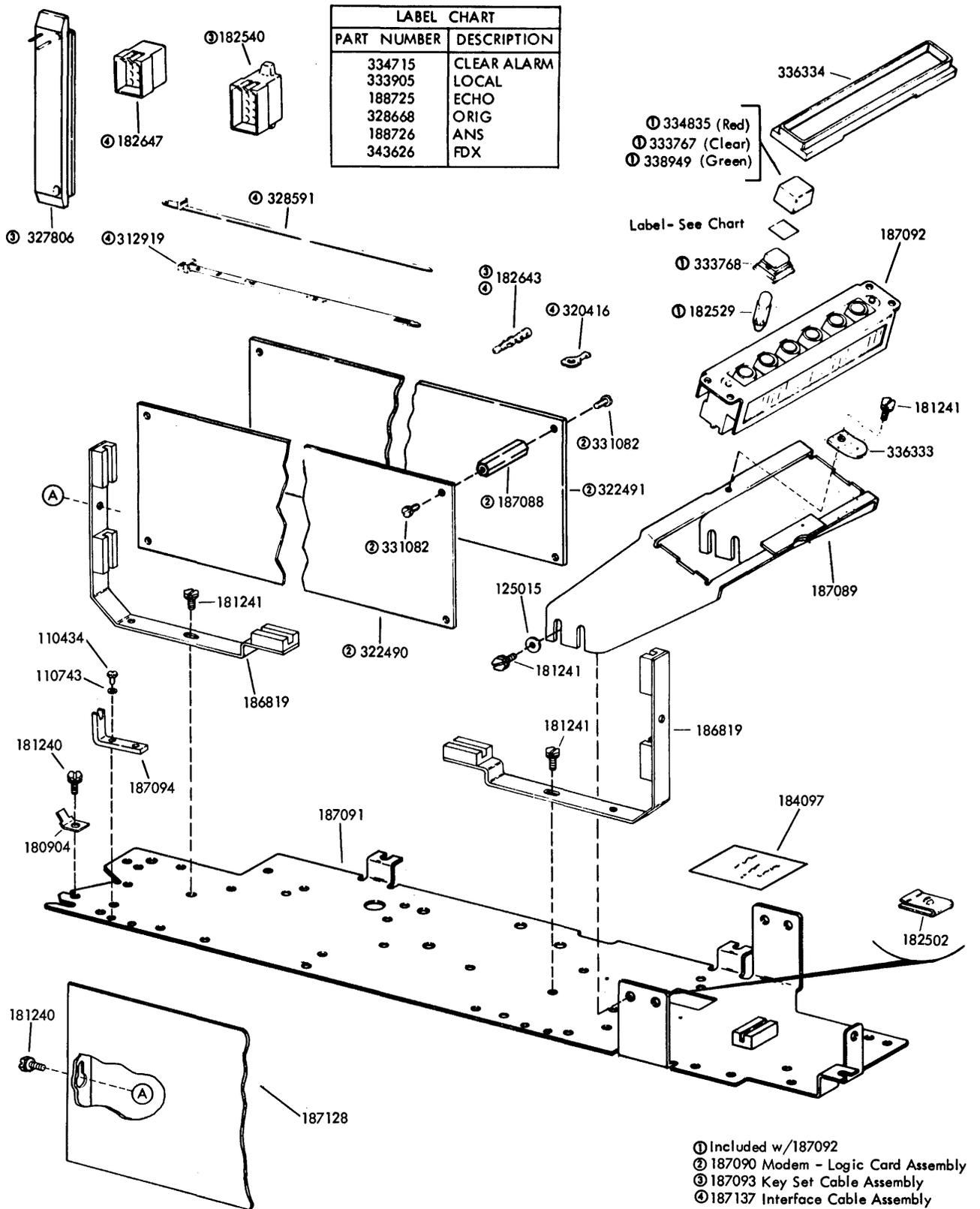


FIGURE 26. CALL CONTROL W/MODEM - LOGIC CARDS

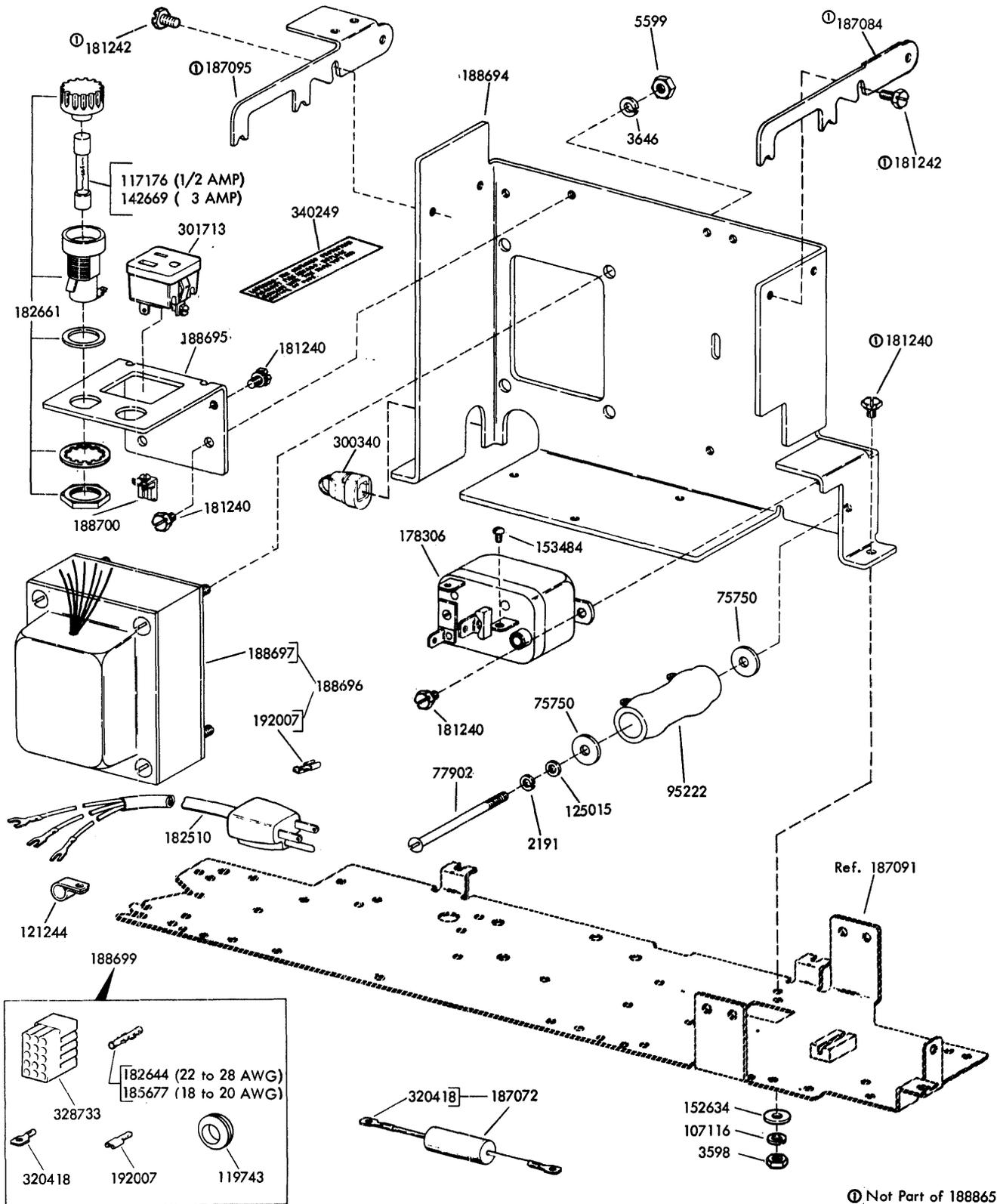
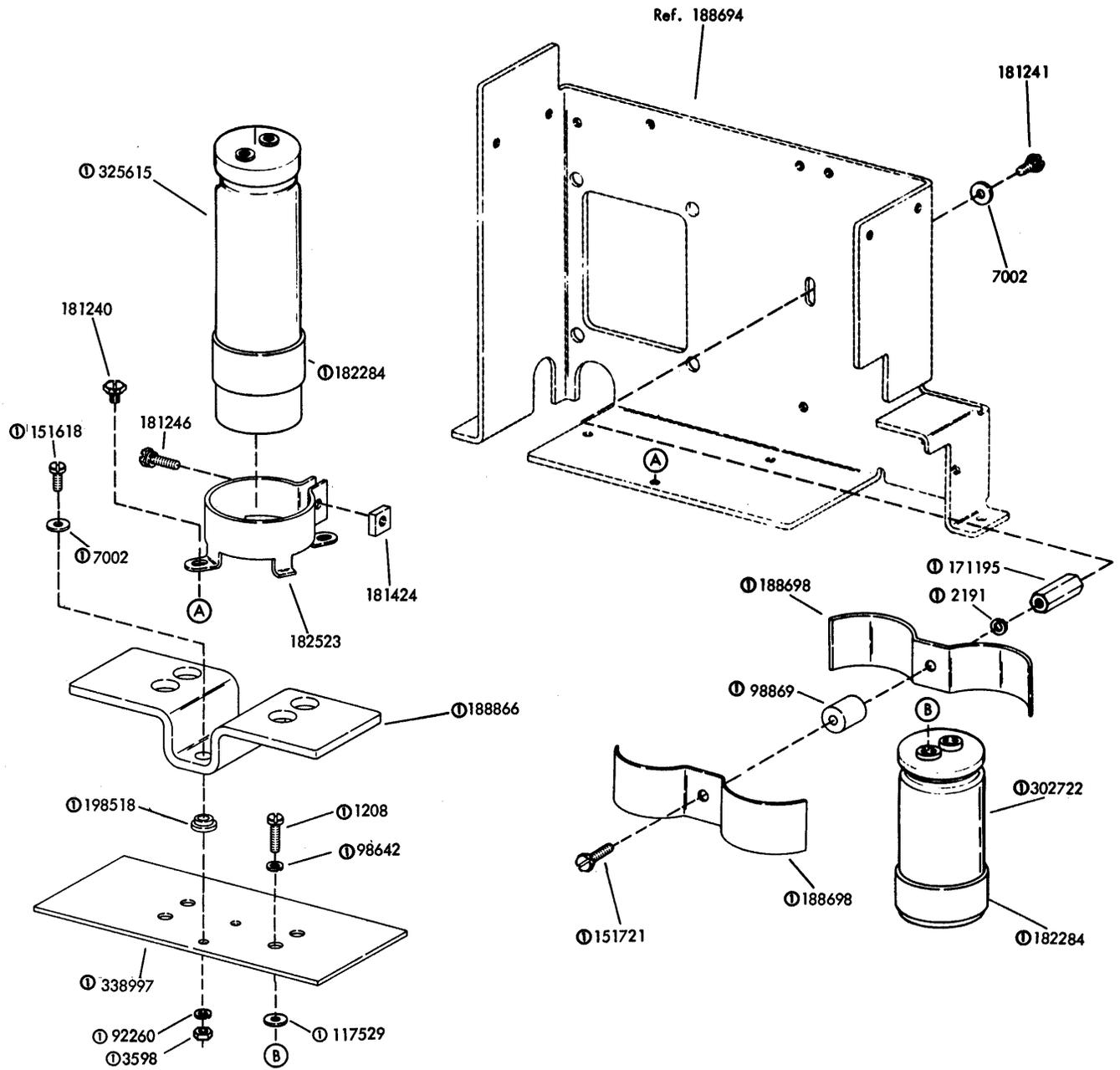


FIGURE 27. 188865 POWER SUPPLY ASSEMBLY



① 303846 Circuit Card Assembly

FIGURE 28. 188865 POWER SUPPLY ASSEMBLY (Continued)

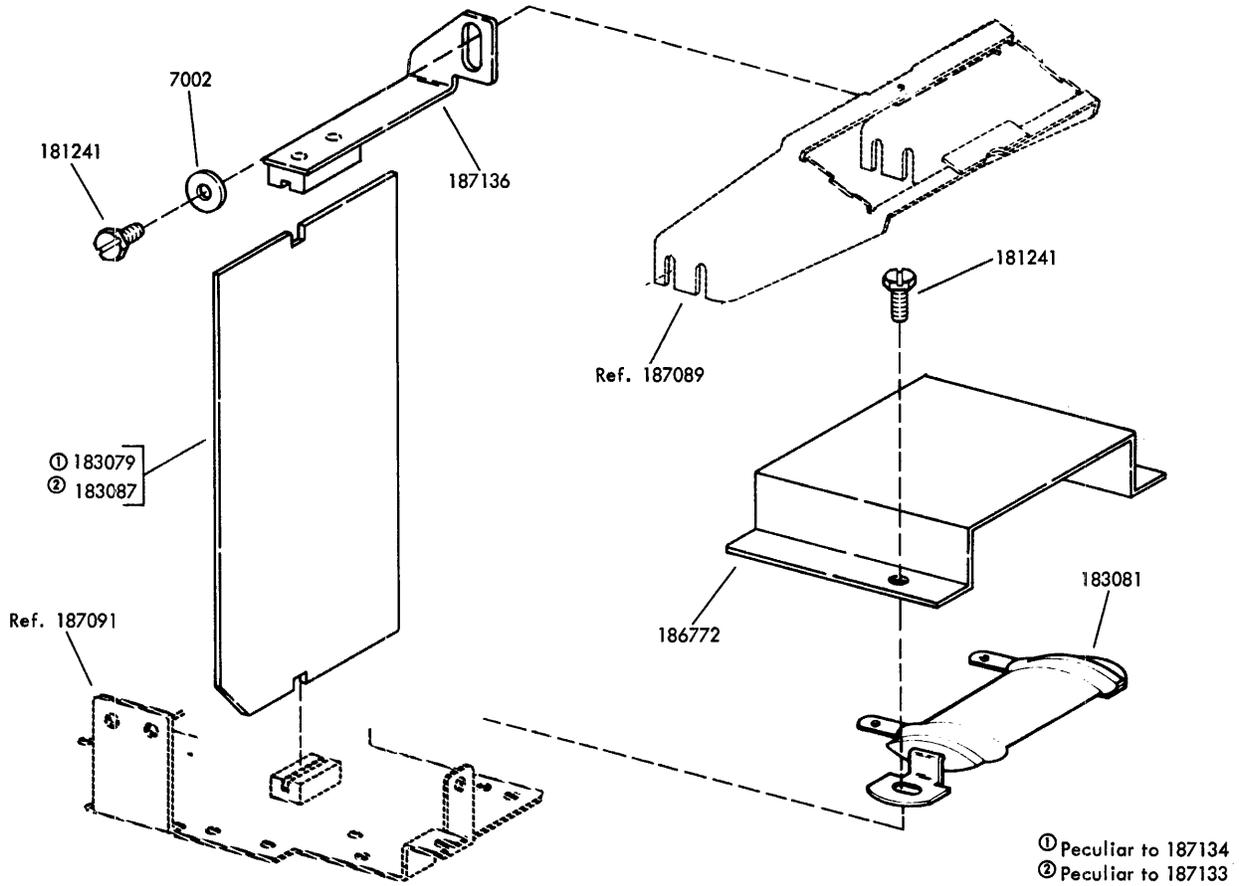


FIGURE 29. 187133 (MANUAL) AND 187134 (AUTOMATIC) READER CARD SET OF PARTS

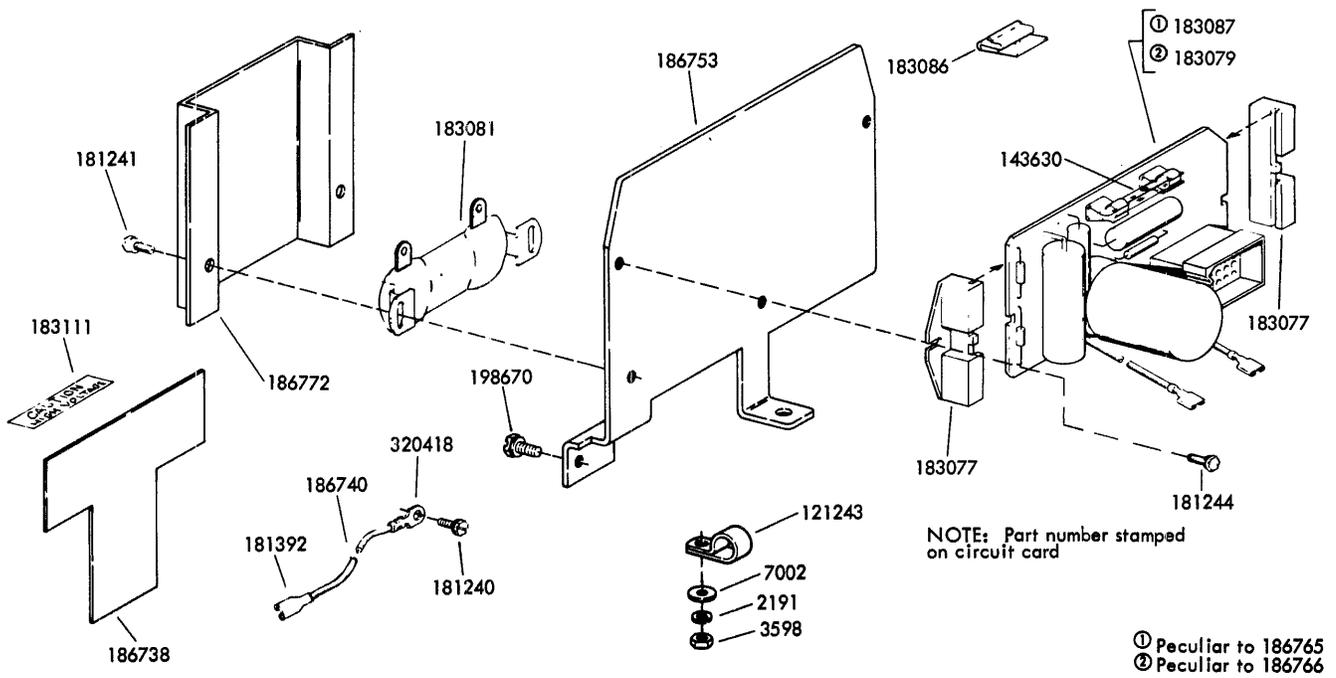


FIGURE 30. 186765 (MANUAL) AND 186766 (AUTOMATIC) READER POWER PACK ASSEMBLIES

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 16	110743	Lockwasher 2,3,5,6,7,13, 16,17,21,26,27	145047	Connector, 3 Pt Receptacle 23
1018	Screw, 3-48 x 5/16 Fil 4	110947	Screw, 6-32 x 13/16 Rd 25	145320	Connector, 4 Pt Receptacle 24
1028	Screw, 4-40 x 1/4 Fil 3	111017	Screw, 6-40 x 5/16 Fil 3, 5,6,7,8,9,10,13,26	145321	Tie, Cable 24
1207	Screw, 4-36 x 5/16 Flat 16	111647	Resistor, 1,000 Ohm 3	150710	Screw, 6-40 x 1-1/4 Fil 9 17
1208	Screw, 10-32 x 5/8 Fil 29	112485	Screw, 6-32 x 1/4 Fil 2,18	150966	Insulator, Terminal 3
2191	Lockwasher 2,3,4,5,9, 10,11,12,13,15,17,18,25, 28,29,30	112620	Screw, 4-40 x 1/2 Hex 3, 17	150978	Screw, 6-40 x 1-1/8 Fil 4
3598	Nut, 6-40 Hex 4,5,6,8,9, 10,13,17,28,29,30	113442	Jumper, 2-1/2" Brown 23	150982	Screw, 4-40 x 7/16 Fil 3
3606	Nut, 6-40 Hex 4,12	115594	Nut, Speed 16	151073	Screw, 4-40 x 5/32 Fil 21
3640	Lockwasher 11,16	117176	Fuse, SL-BL 0.5 Amp 2,6, 8,18,26,28	151152	Screw, 4-40 x 3/16 Hex 16
3646	Lockwasher 9,28	117529	Spacer, .281" Thk 29	151335	Stud 3,5,6,8,9,10,13,26
3649	Washer, Flat 4,6	119743	Grommet, Rubber 28	151411	Block, Terminal 5,6,8,9, 10,13,26
5599	Nut, 8-32 Hex 9,28	120167	Fuse, SL-BL 3.2 Amp 6,8,13	151412	Insulator, Terminal 5,6, 8,9,10,13,26
5740	Screw, 2-56 x 1/4 Fil 26	120217	Resistor, 1200 Ohm 24	151415	Block, Terminal 3,26
6347	Screw, 6-32 x 3/8 Rd 14	121242	Clamp, 1/8 ID Cable 7,24	151416	Nut, 6-40 Hex 3,5,6,8, 9,10,13,26
6805	Screw, 6-40 Shoulder 15, 16,25	121243	Clamp, 3/16 ID Cable 24, 25,30	151442	Screw, 6-40 x 1/2 Hex 4, 9,11,13,17
7001	Washer, Flat 12,17	121244	Clamp, 1/4 ID Cable 14,24 28	151618	Screw, 6-40 x 7/16 Fil 13, 29
7002	Washer, Flat 2 to 13, 15, 17,21,25,26,29,30	121245	Clamp, 5/16 ID Cable 7,9, 24,26	151630	Screw, 6-40 x 1/4 Hex 2
8330	Washer, Flat 6,9,10,13, 17,26	121246	Clamp, 3/8 ID Cable 24	151660	Screw, 6-40 x 7/8 Fil 6, 12
42823	Washer, Flat 5,6,13	121247	Clamp, 7/16 ID Cable 7,24	151685	Screw, 4-40 x 5/16 Fil 14
49054	Screw, 2-56 x 3/16 Flat 11	121248	Clamp, 1/2 ID Cable 24	151687	Screw, 4-40 x 7/16 Fil 11
70072	Lockwasher 4	121249	Clamp, 5/8 ID Cable 24	151692	Screw, 6-40 x 3/16 Fil 7,10,26
71073	Washer, Flat 17,26	121250	Clamp, 3/4 ID Cable 24	151693	Screw, 6-40 x 9/16 Fil 4
75750	Washer, Insulating 3,28	121251	Clamp, 1 ID Cable 24	151721	Screw, 6-40 x 3/4 Hex 29
77362	Resistor, 350 Ohm 3	121551	Screw, 8-32 x 1/4 Hex 2, 3,7,9,10,26	151731	Screw, 4-40 x 7/8 Fil 5, 6,13
77902	Screw, 6-40 x 2-3/8 Rd 3, 28	124177	Lockwasher 4,6,7,10,17,20, 21,26	151734	Screw, 4-40 x 3/8 Hex 16
87993	Screw, 6-40 x 5/32 Fil 20	124220	Pin, Drive 24	151738	Screw, Spl 7,26
90787	Screw, 4-40 x 3/8 Hex 2	125010	Washer, Insulating 8	151818	Jumper, 4-1/4" Black 23
91742	Locknut 23	125011	Washer, Flat 2,3,16,17	151819	Jumper, 3" Black 23
91943	Jumper, 2-1/4" Black 23	125015	Washer, Flat 3,4,6,7,8,9, 17,26,27,28	151827	Strap, Terminal 5,13,26
92260	Lockwasher 2,13,29	125205	Screw, 6-40 x 7/16 Fil 17	152441	Washer, Flat 15,16,25
93117	Lockwasher 17	125206	Screw, 6-32 x 5/8 Fil 23	152634	Washer, Flat 16,28
93118	Lockwasher 26	138538	Fuse, SL-BL 2 Amp 8,13	152893	Screw, 4-40 x 1/4 Hex 2,3
95222	Resistor, 40 Ohm 28	142269	Fuse, SL-BL 3 Amp 8,9,10, 26	153484	Screw, 6-32 Spl 3,13,28
96717	Screw, 4-40 Shoulder 2	142669	Fuse, SL-BL 3 Amp 28	153631	Network, Spark Suppression 5,13,23,24
98544	Connector, 8 Pt Plug 24	143613	Lamp, 14V Incandescent 2,16,18	153799	Screw, 4-40 x 21/64 Hex 3
98642	Lockwasher 29	143630	Fuse, .75 Amp 30	154173	Plate 16
98726	Screw, 3-48 x 1/4 Fil 4	144590	Screw, 6-40 x 1-3/8 Fil 4,8,17	155750	Sleeve, 3/32 ID x 1/2" Lg Insulating 11,17,24
98869	Spacer 29	145046	Connector, 3 Pt Plug 23		
103092	Connector, Cord 23				
103469	Screw, 4-40 Spl 11				
107116	Lockwasher 4,8,17,22,28				
108463	Terminal 4,9				
110434	Screw, 4-40 x 3/16 Fil 27				
110435	Nut, 4-40 Hex 17				

NUMERICAL INDEX (Continued)

Part Number	Description and Page Number	Part Number	Description and Page Number	Part Number	Description and Page Number
155751	Sleeve, 1/8 ID x 1" Lg Insulating 24	180886	Jumper, 2-1/2" Green 23	181281	Bracket, Right 21
155752	Sleeve, 5/64 ID x 1/2" Lg Insulating 24	180887	Jumper, 2-1/2" Red 23	181282	Bracket, Left 21
155753	Sleeve, 1/8 ID x 1/2" Lg Insulating 24	180888	Jumper, 2-1/2" Blue 23	181283	Spacer, .065" Thk 3,21
155755	Sleeve, 11/64 ID x 5/8" Lg Insulating 11,17,24	180889	Jumper, 2-1/2" Yellow 23	181287	Holder, Card 20,21
156450	Screw, 2-56 x 1/2 Fil 17	180890	Jumper, 2-1/2" White 23	181289	Window, Plastic 19,20,21
156880	Jumper, 2-3/8" Black 14	180893	Jumper, 2-1/2" Red-Orange 23	181292	Window, Plastic 19,20
159404	Post 11	180894	Jumper, 2-1/2" White-Blue 23	181297	Cover, Insulating 5,6,8,9,10
159597	Washer, Flat 2	180895	Jumper, 2-1/2" White-Green 23	181300	Sleeve, 3/16 ID x 1" Lg Insulating 24
159931	Clamp 6,7	180896	Jumper, 2-1/2" White-Yellow 23	181374	Terminal, Tab Type 24
159932	Keeper 6,7	180897	Jumper, 2-1/2" White-Orange 23	181392	Terminal, Tab Type 10,24,30
160859	Terminal 17	180898	Jumper, 2-1/2" White-Red 23	181424	Nut, 6-40 Sq 7,9,17,26,29
161525	Connector, 14 Pt Plug 24	180899	Jumper, 2-1/2" White-Purple 23	181631	Strip Assembly, Lamp 2
162360	Fuse, SL-BL .8 Amp 6,9,13	180900	Jumper, 2-1/2" Orange 23	181632	Button Assembly 2
165168	Key 11	180902	Jumper, 3-1/2" Braided 23	181637	Bracket 22
171195	Post 29	180904	Tab, Terminal 5,6,8,9,12,26,27	181638	Contact Assembly 22
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