

33 CALL CONTROL UNIT (UCC)

PARTS

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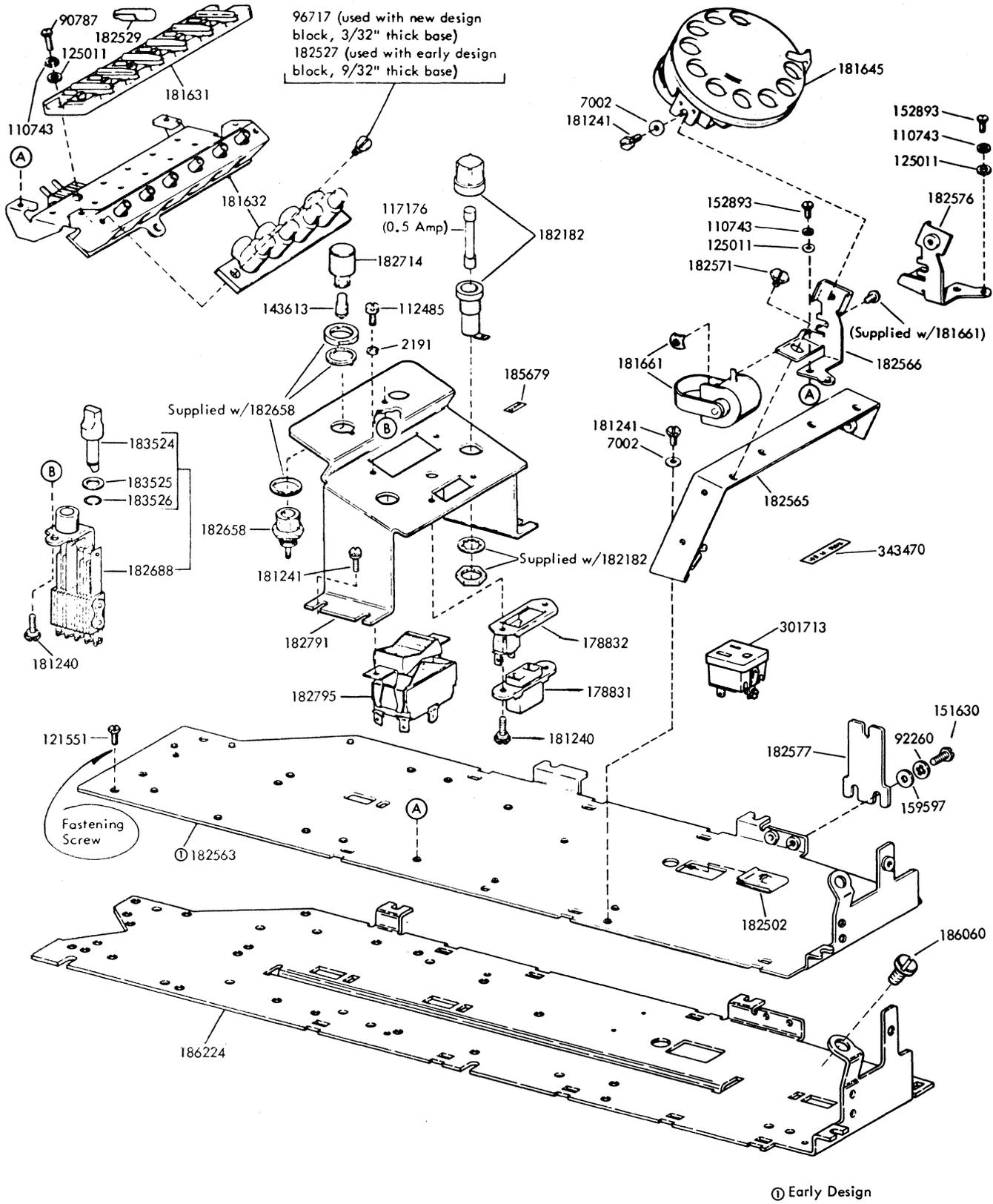


FIGURE 1. BASE PLATE COMPONENTS FOR USE WITH ROTARY DIAL





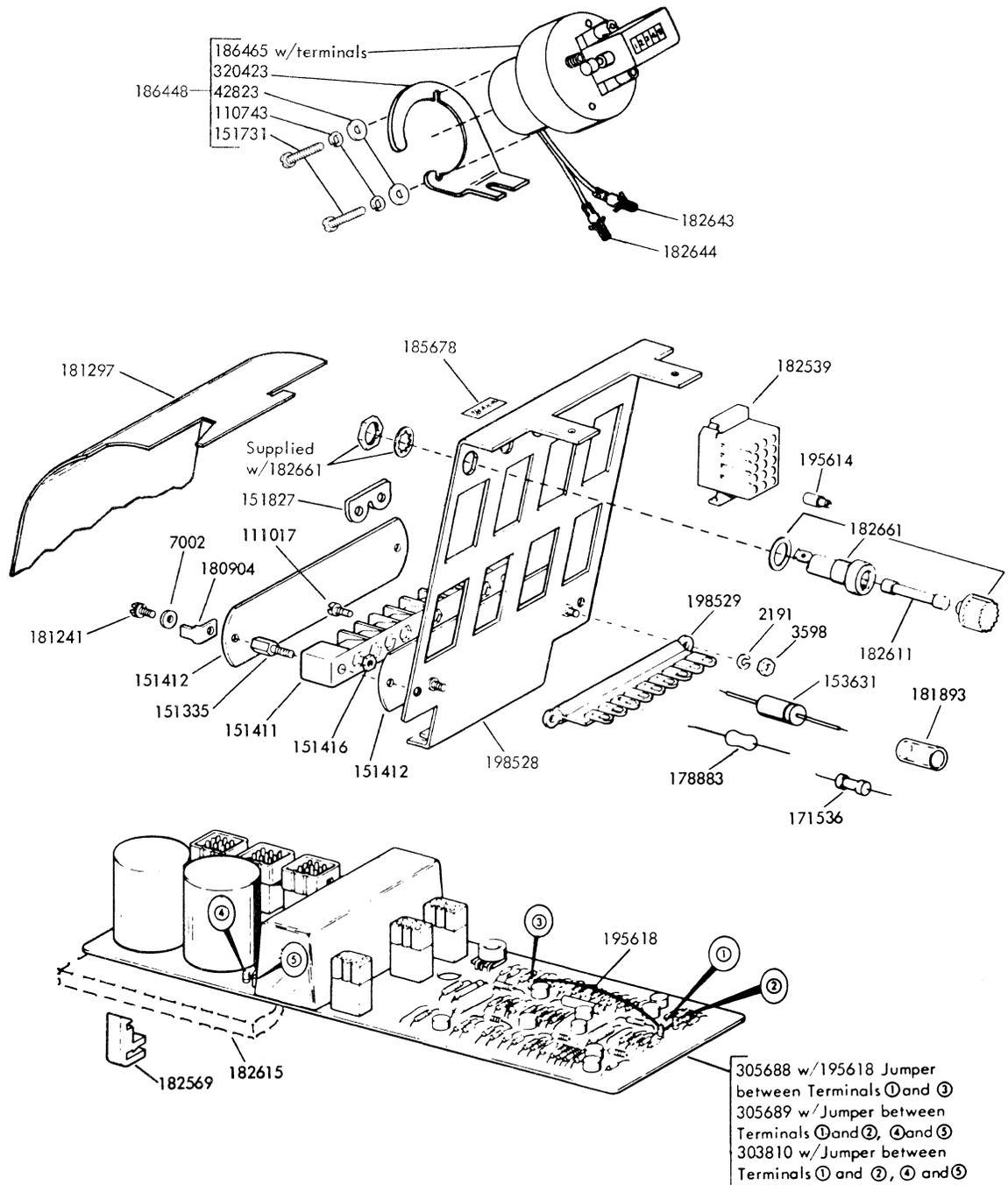


FIGURE 4. ELECTRICAL COMPONENTS FOR USE WITH ROTARY DIAL (Continued)



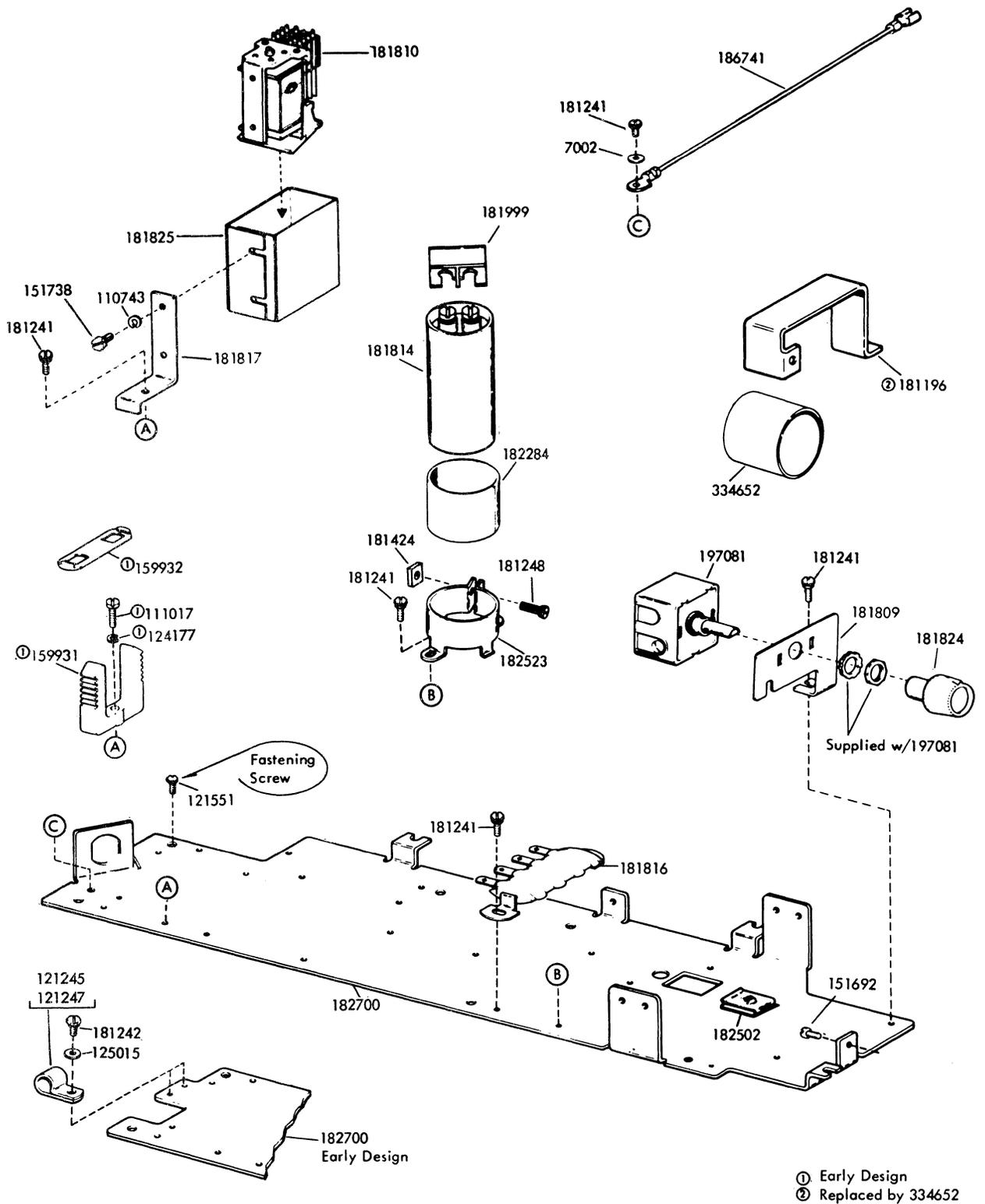


FIGURE 6. BASE PLATE AND ELECTRICAL COMPONENTS FOR DC SIGNAL PRIVATE LINE

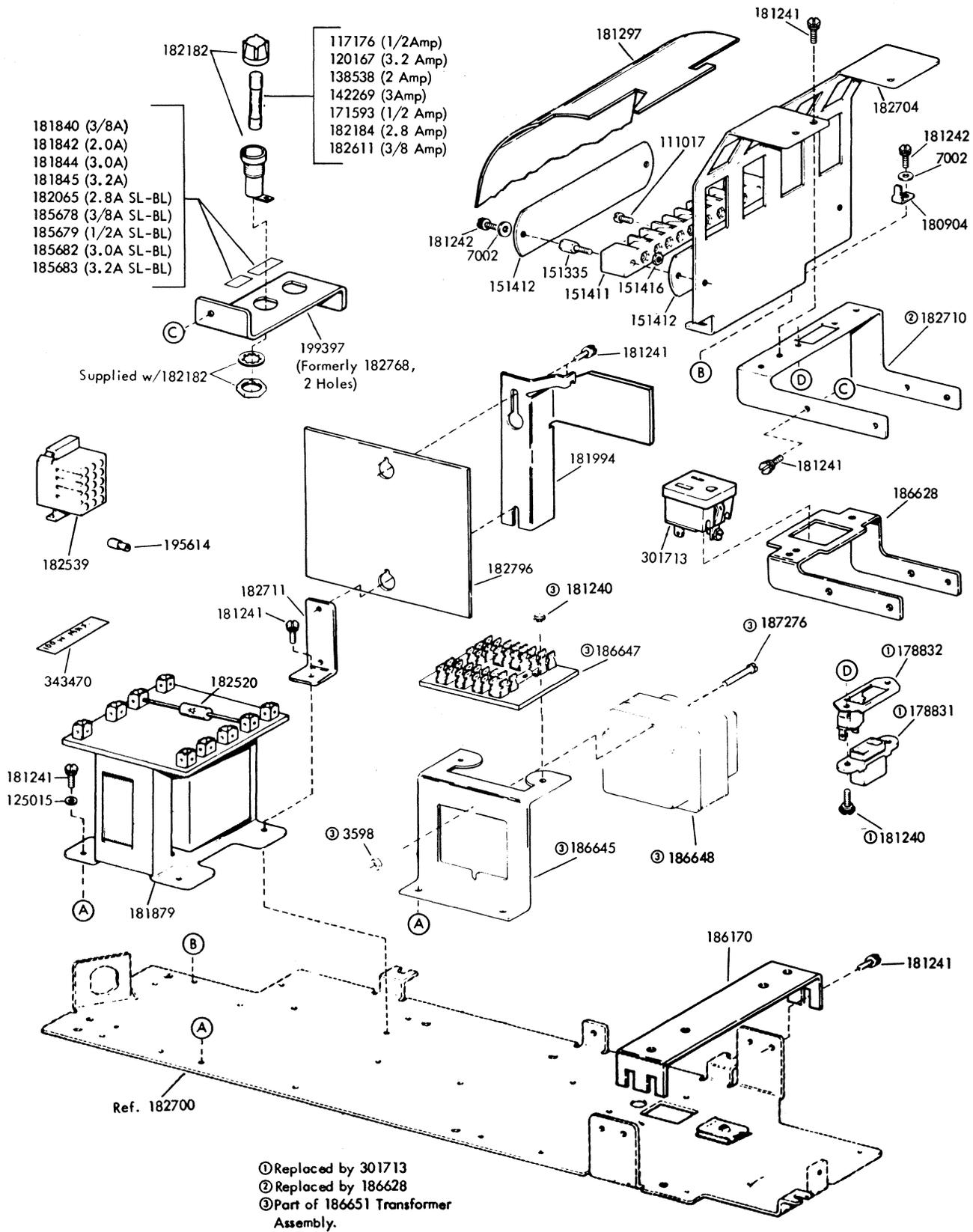


FIGURE 7. BASE PLATE AND ELECTRICAL COMPONENTS FOR D.C. PRIVATE LINE (Continued)



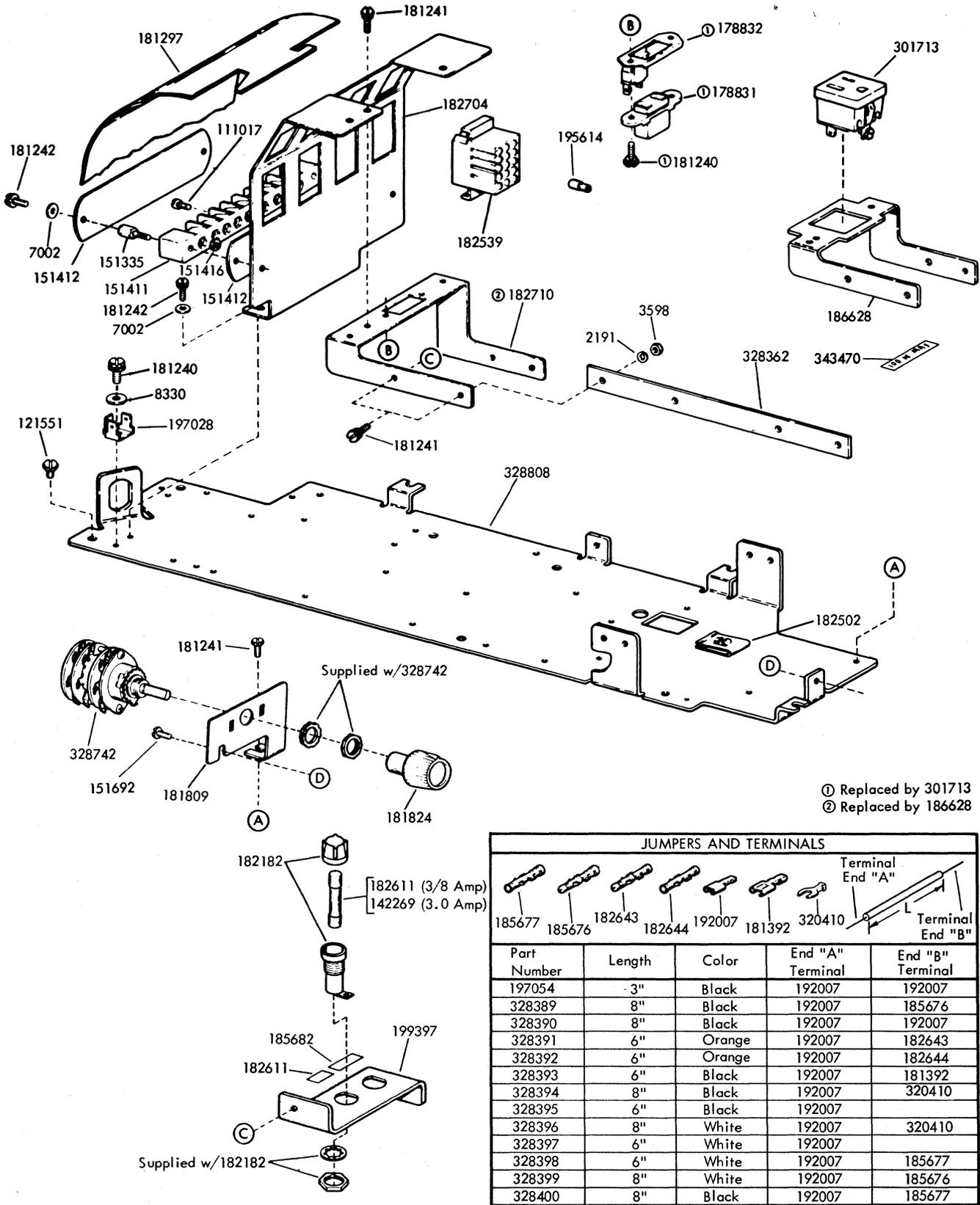


FIGURE 9. BASE PLATE AND ELECTRICAL COMPONENTS FOR USE WITH STATION CONTROLLERS

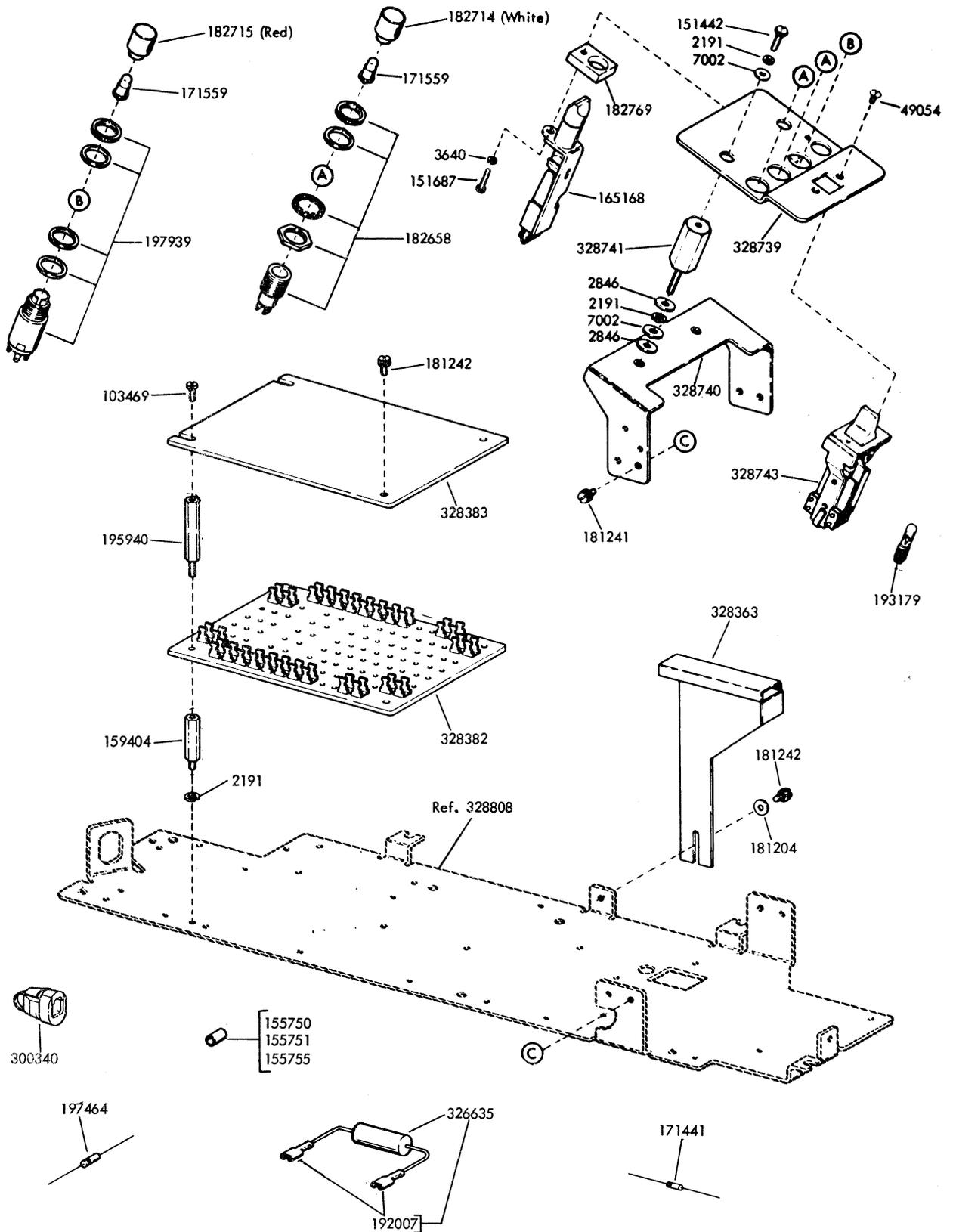


FIGURE 10. BASE PLATE AND ELECTRICAL COMPONENTS FOR USE WITH STATION CONTROLLER (Continued)

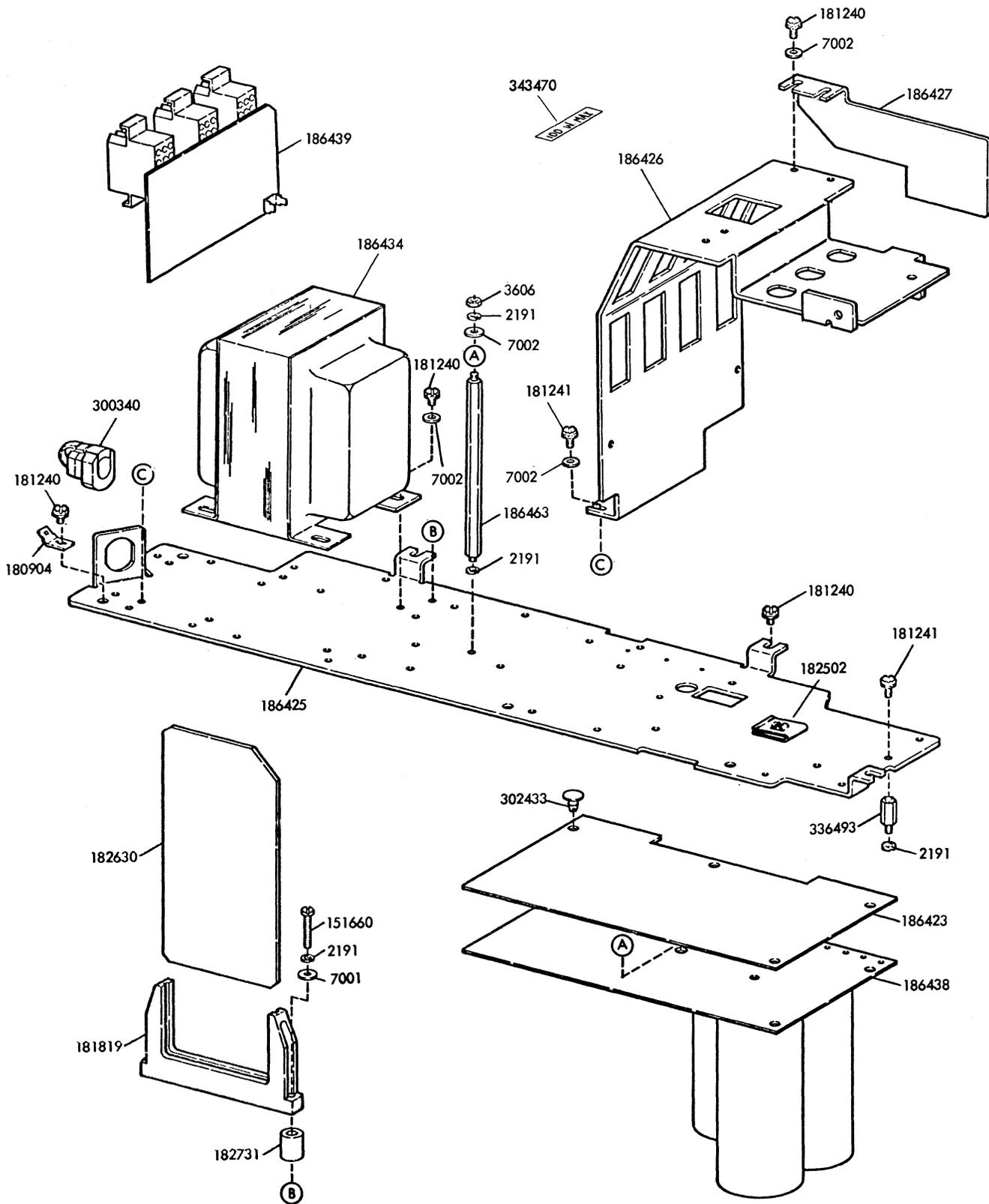


FIGURE 11. BASE PLATE AND ELECTRICAL COMPONENTS

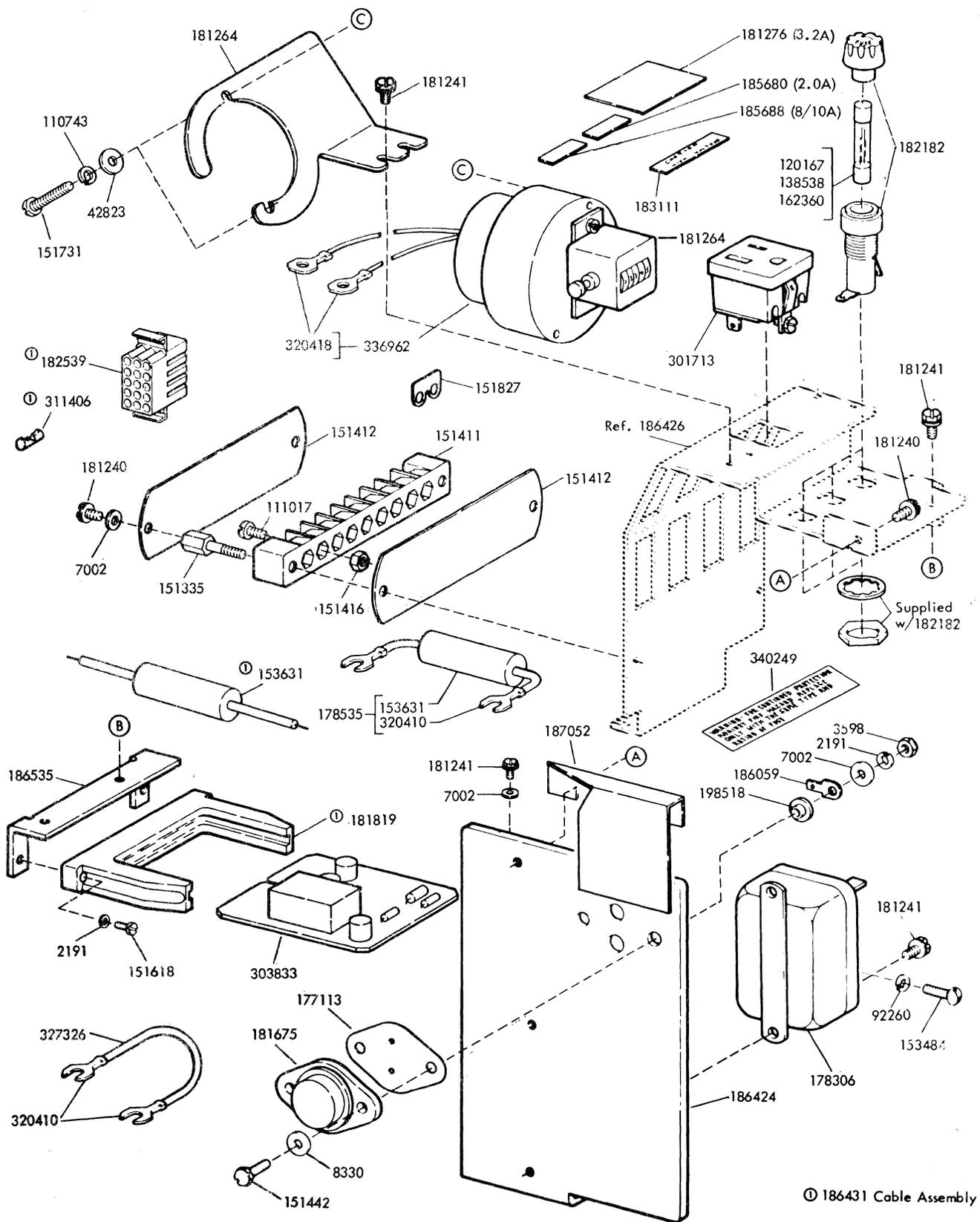


FIGURE 12. BASE PLATE AND ELECTRICAL COMPONENTS (Continued)

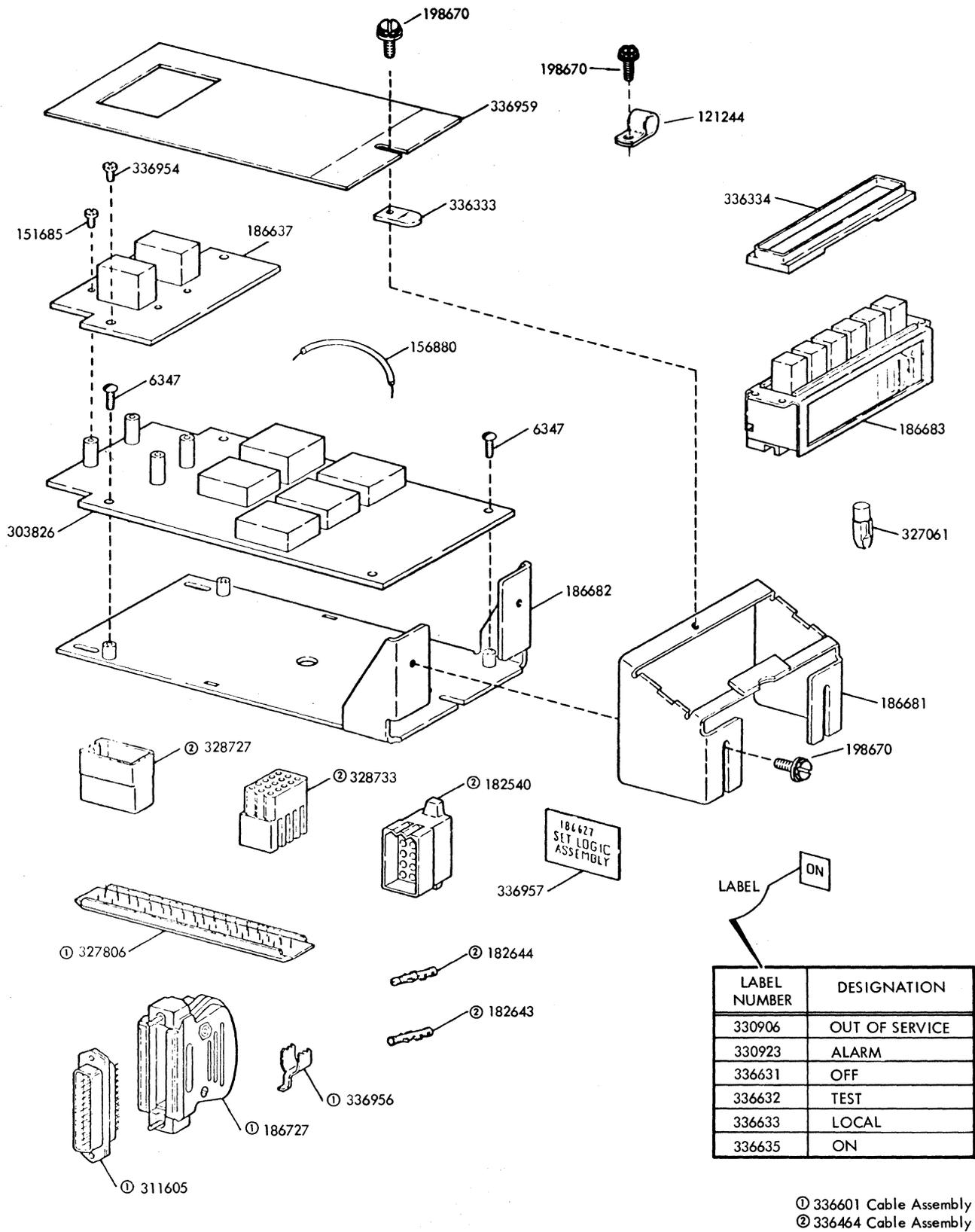
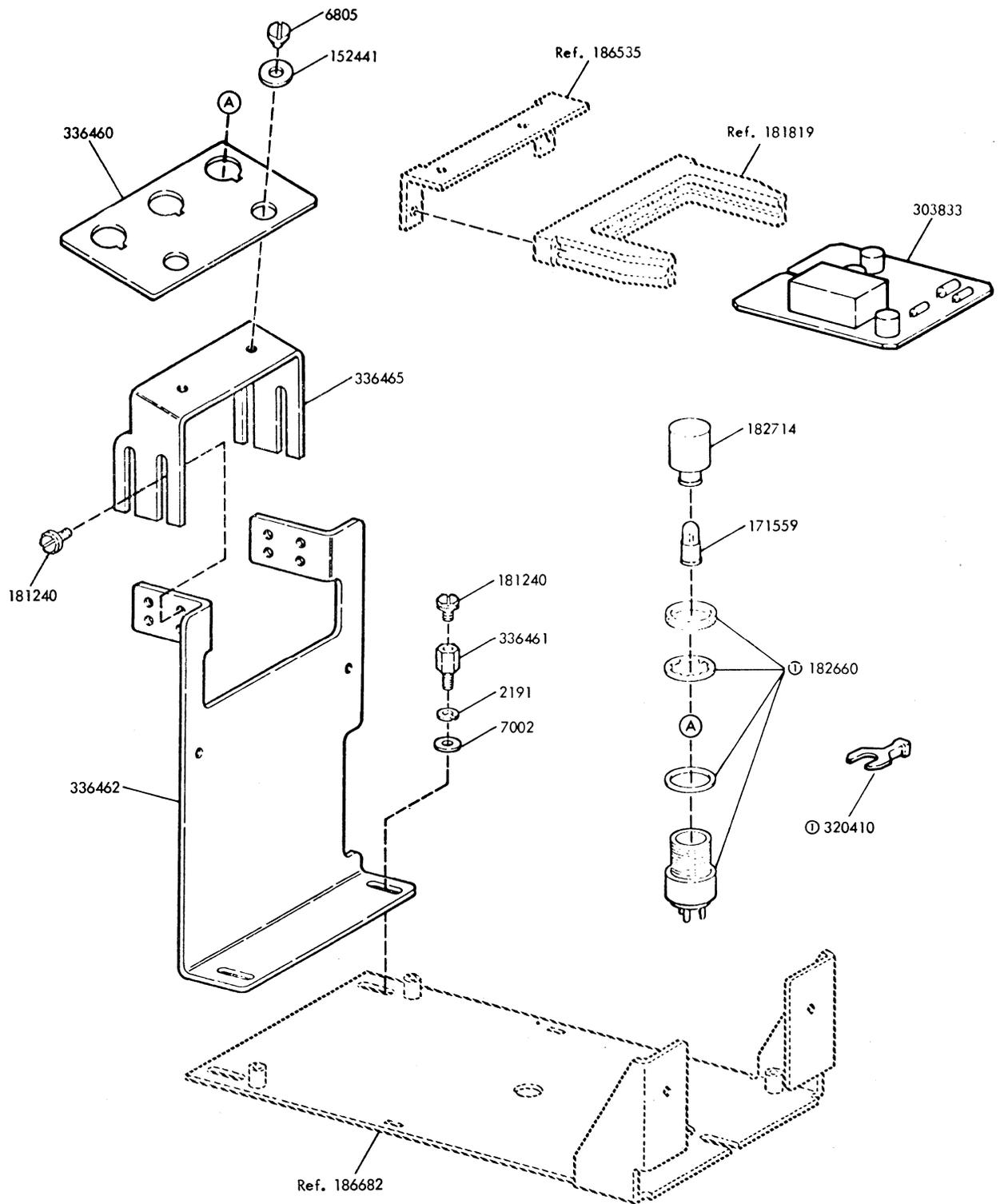
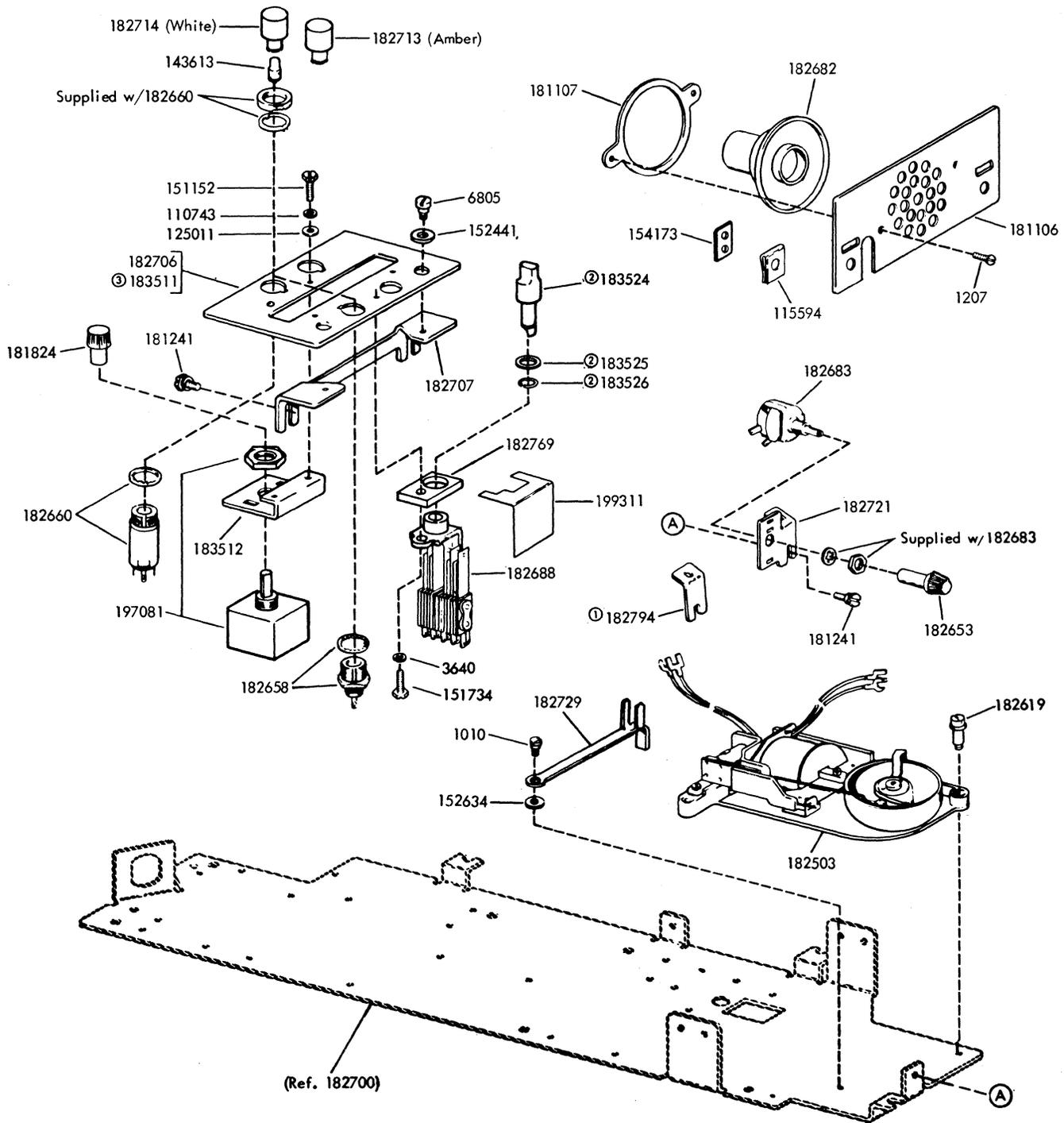


FIGURE 13. 186627 SET INTERFACE LOGIC ASSEMBLY



Ⓢ 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

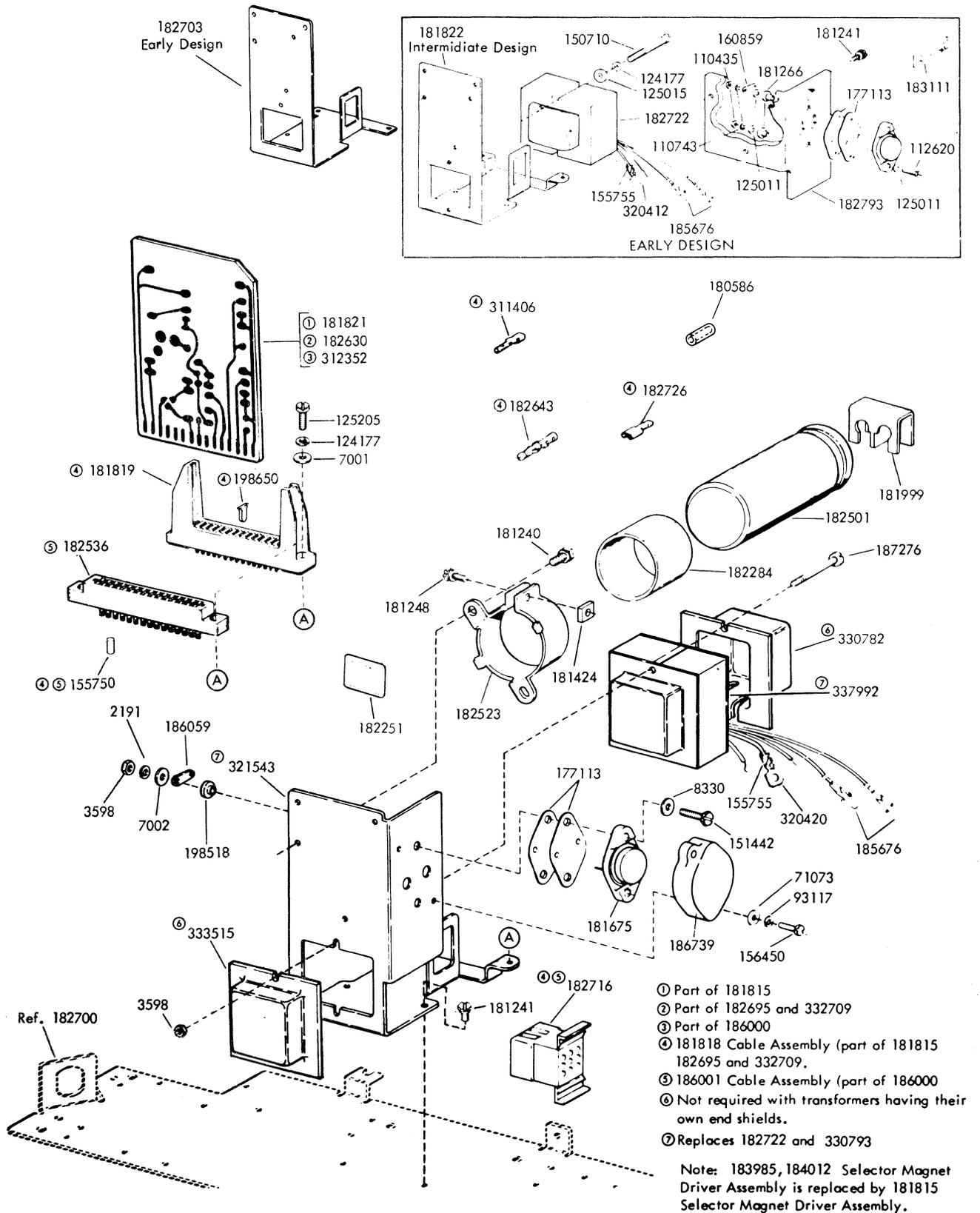
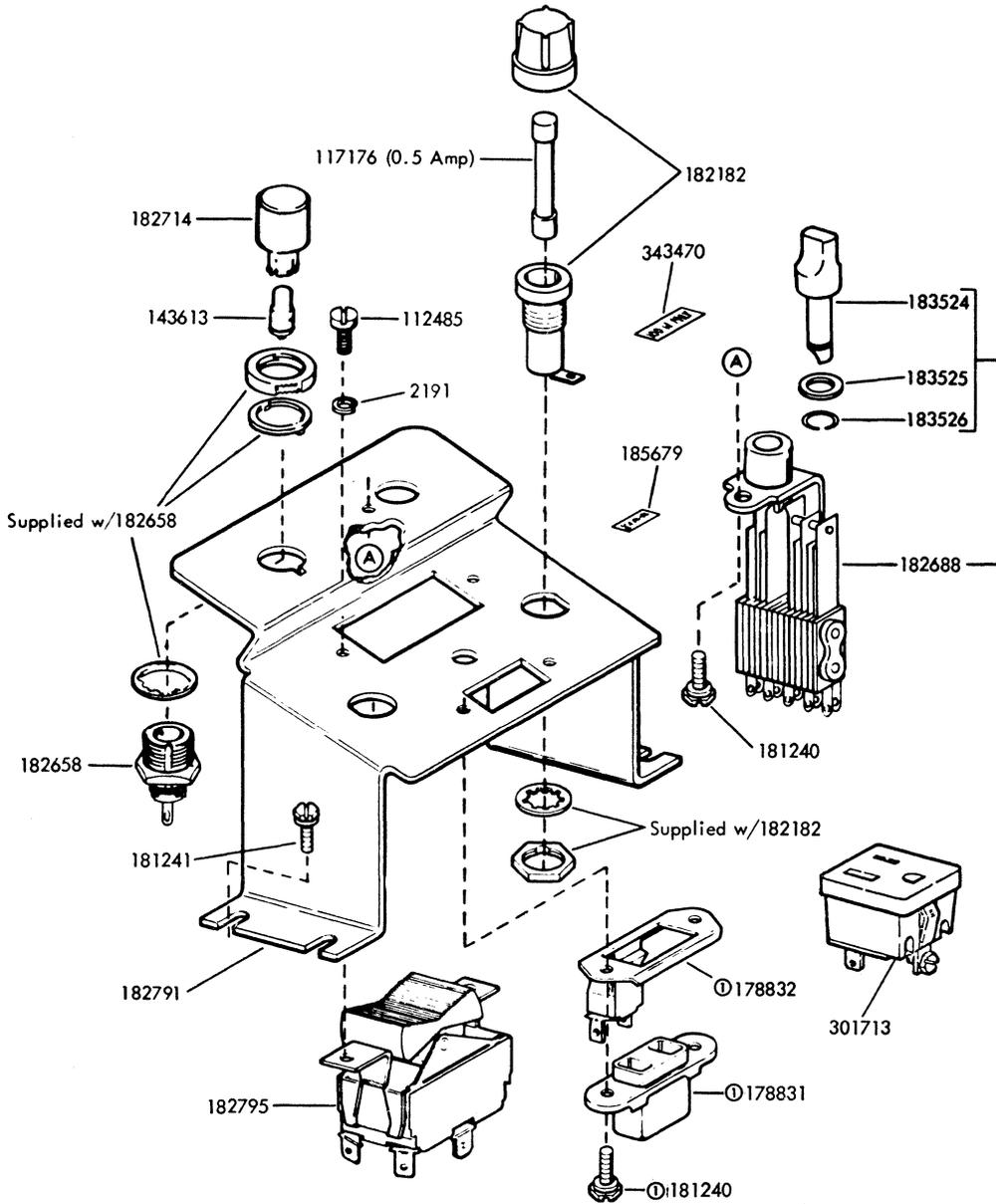


FIGURE 16. 181815, 182695, 186000 AND 332709 SELECTOR MAGNET DRIVER ASSEMBLIES



ⓐ Replaced by 301713

FIGURE 17. RECEIVE-ONLY BRACKET COMPONENTS

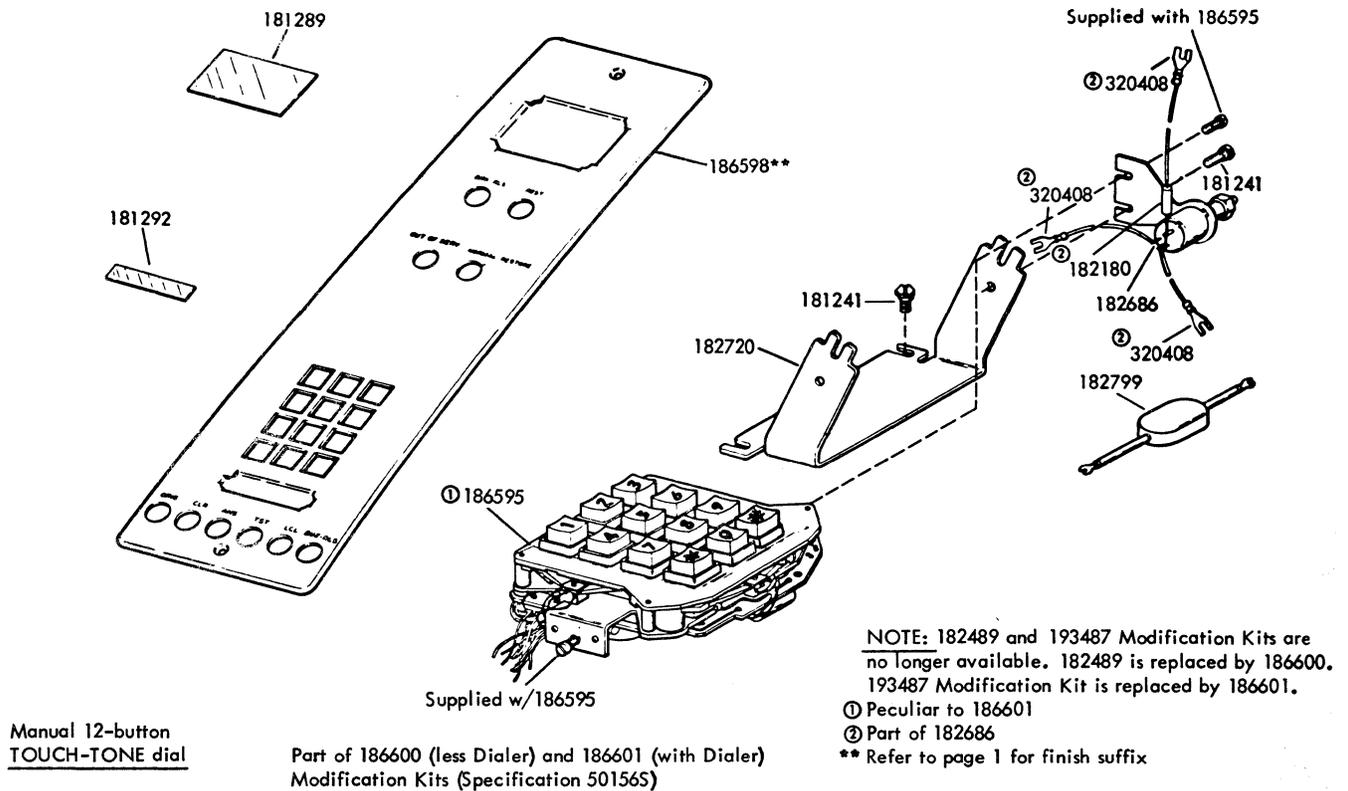
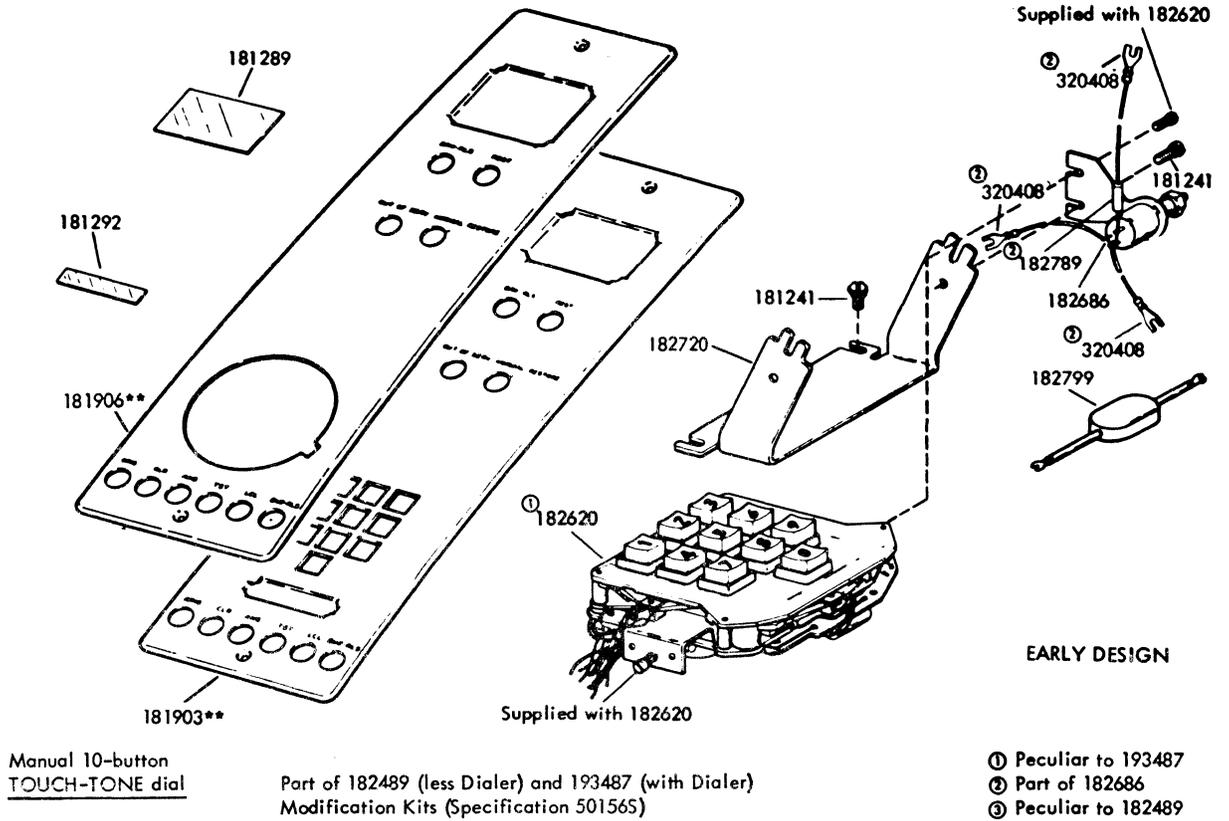
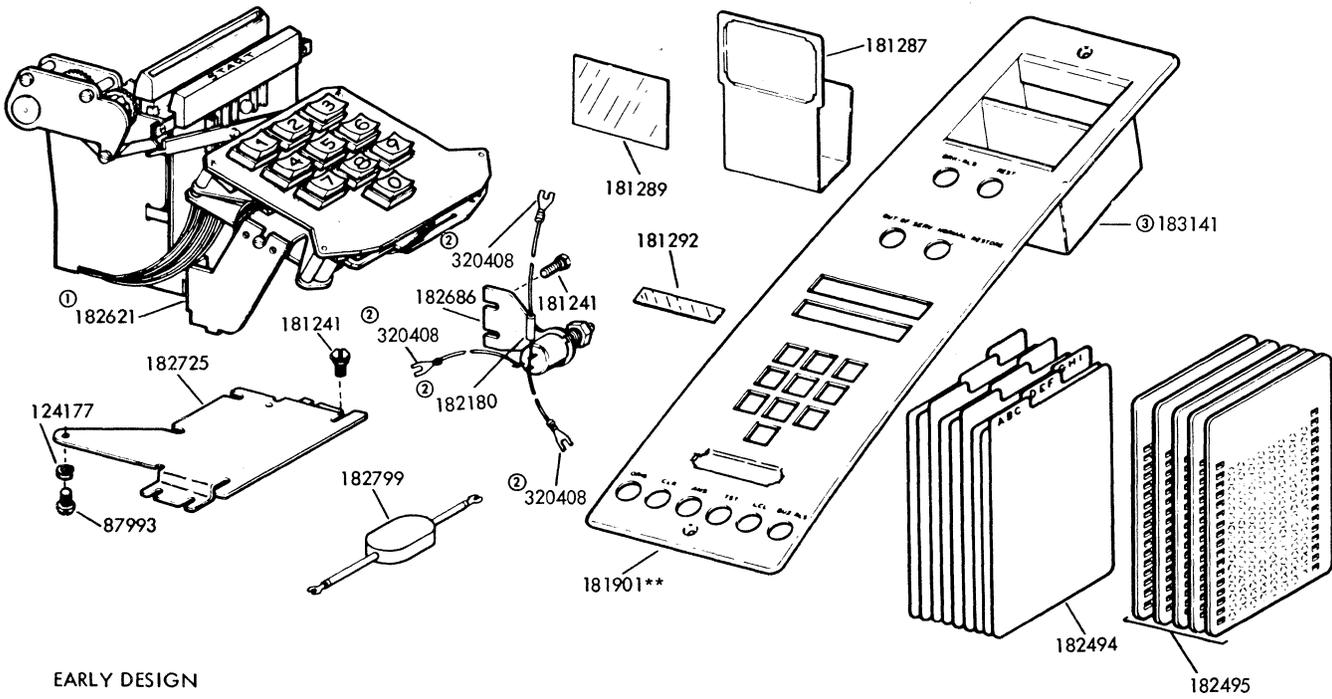


FIGURE 18. 182489, 193487, 186600 AND 186601 DIAL MODIFICATIONS

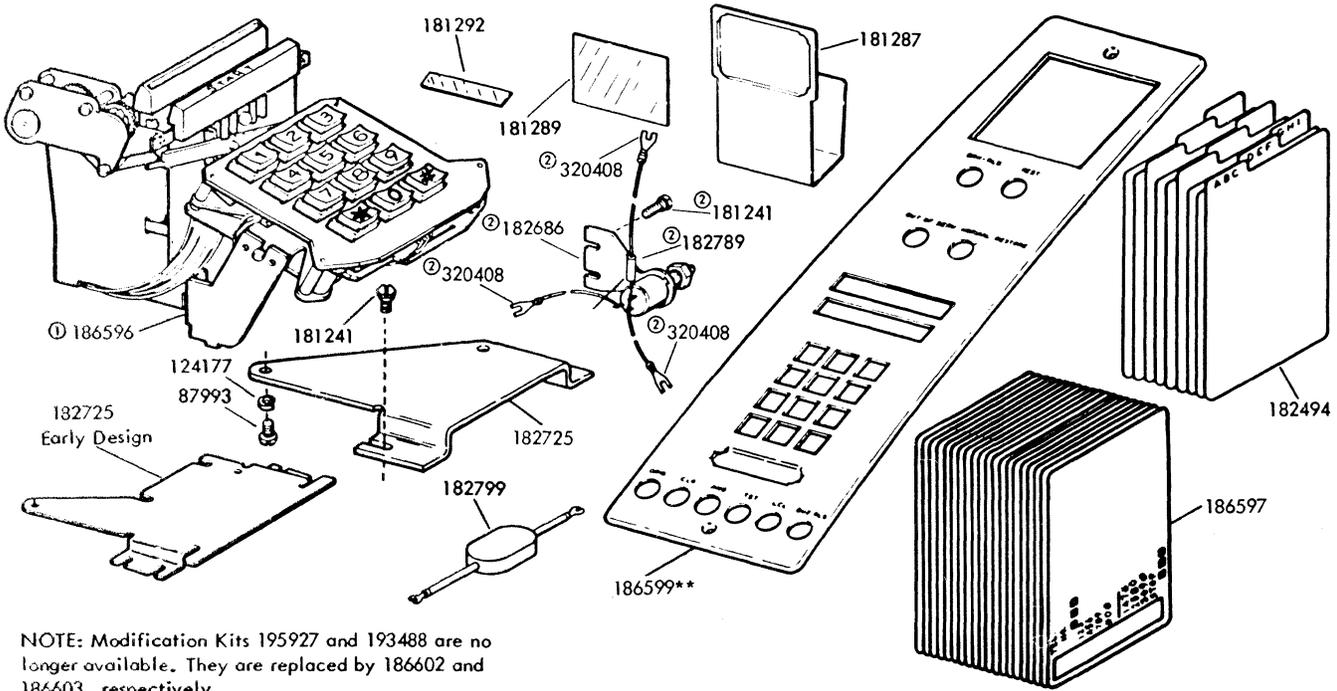


EARLY DESIGN

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



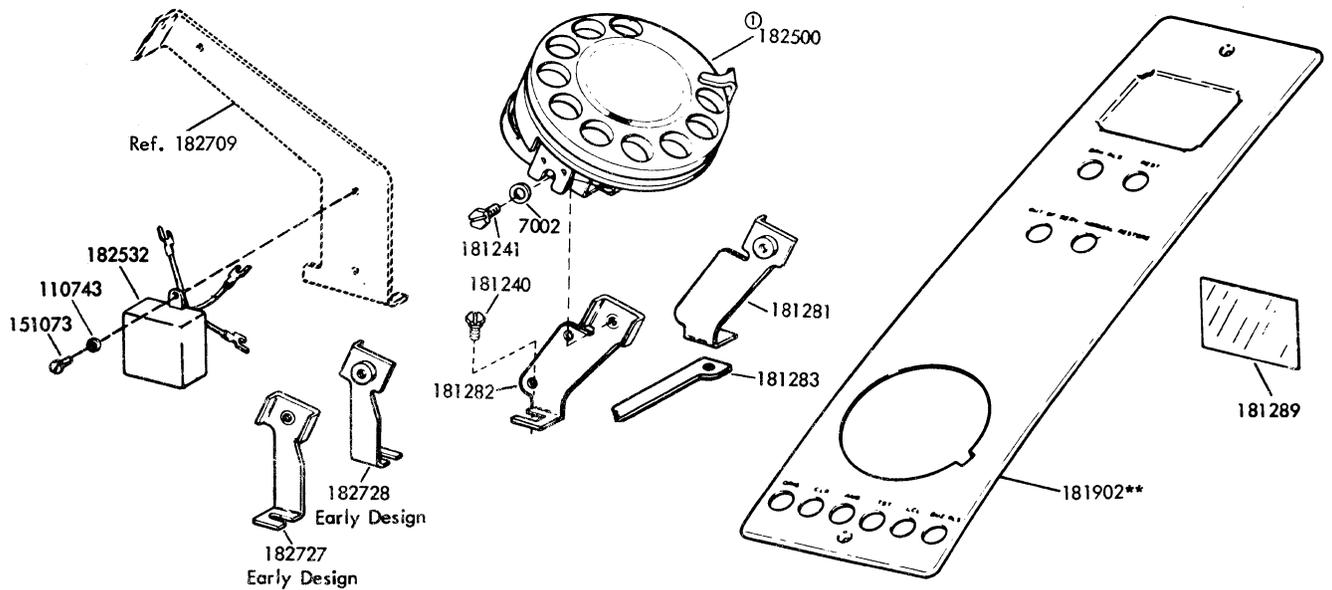
NOTE: Modification Kits 195927 and 193488 are no longer available. They are replaced by 186602 and 186603, respectively.

Manual 12-button  
TOUCH-TONE and Card Dial

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

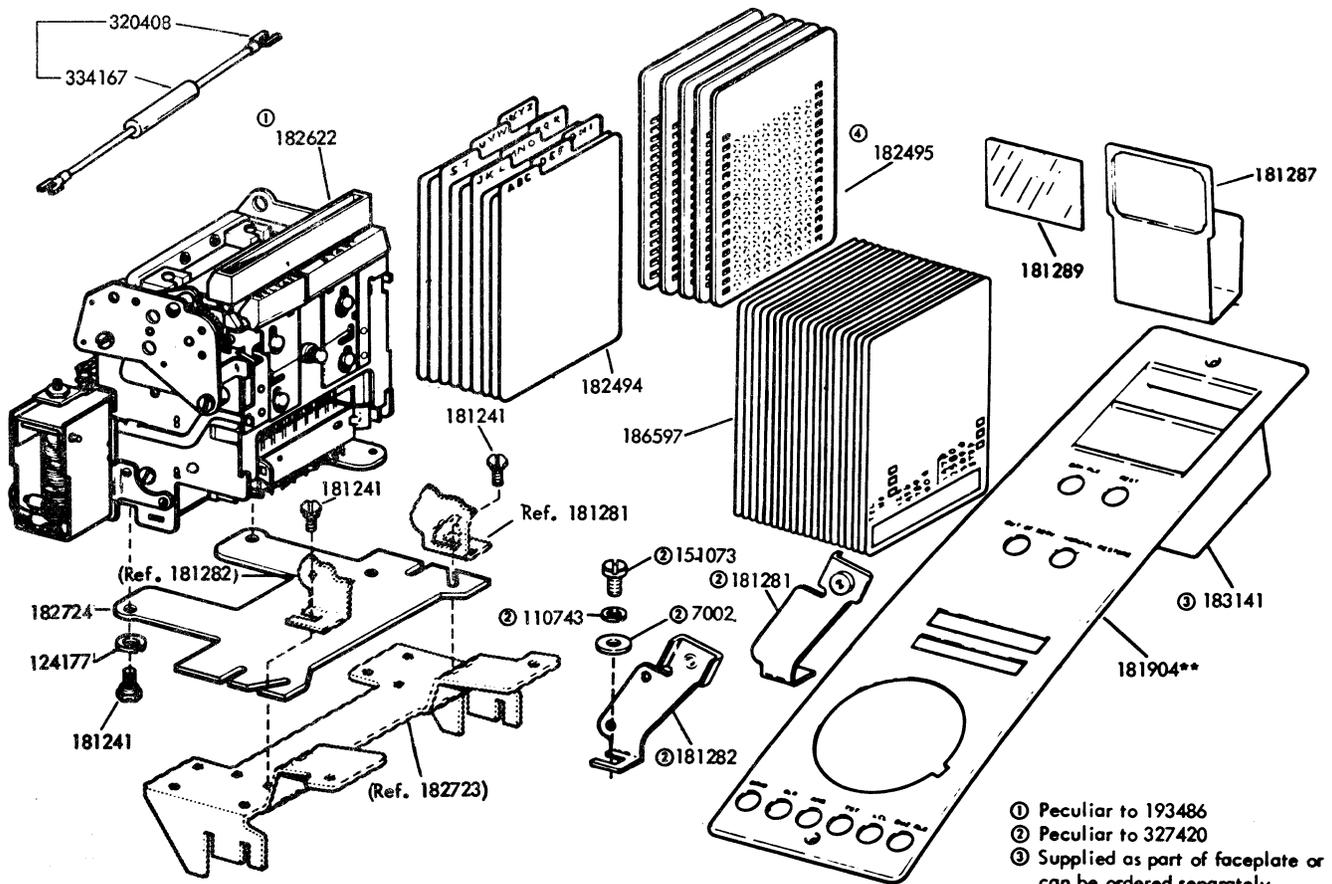
- ① Peculiar to 186603
- ② Part of 182686
- \*\*Refer to page 1 for finish suffix

FIGURE 19. 186602 AND 186603 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

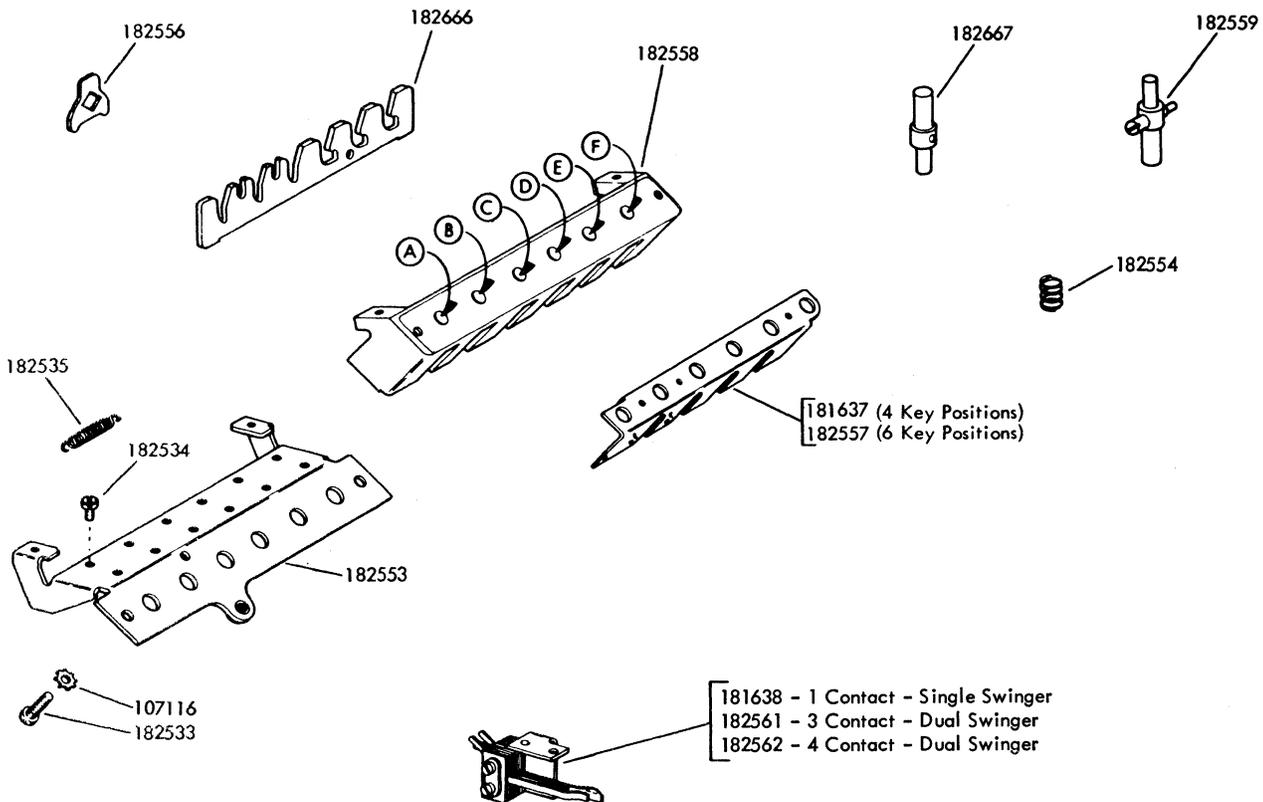


FIGURE 21. KEY ASSEMBLIES

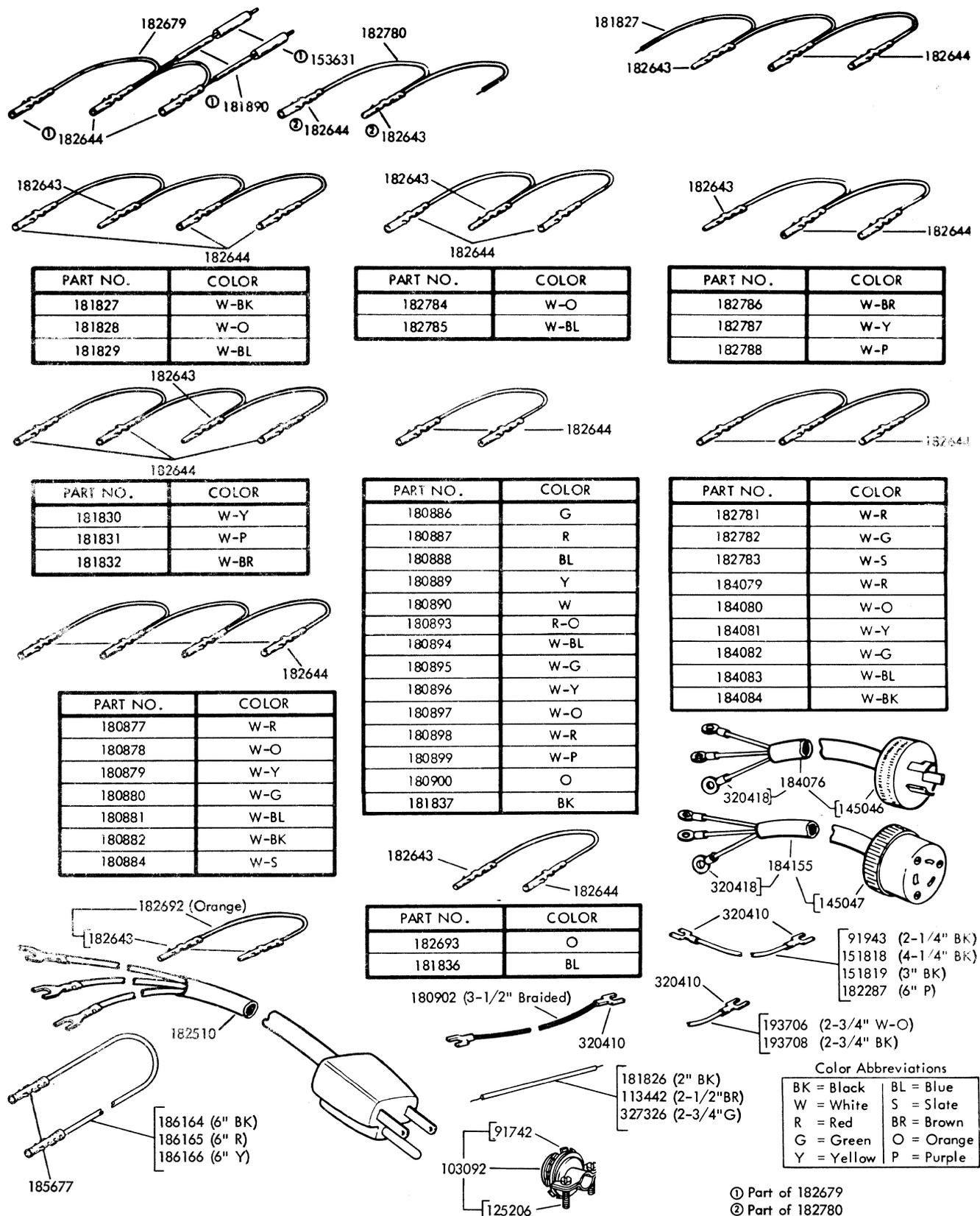
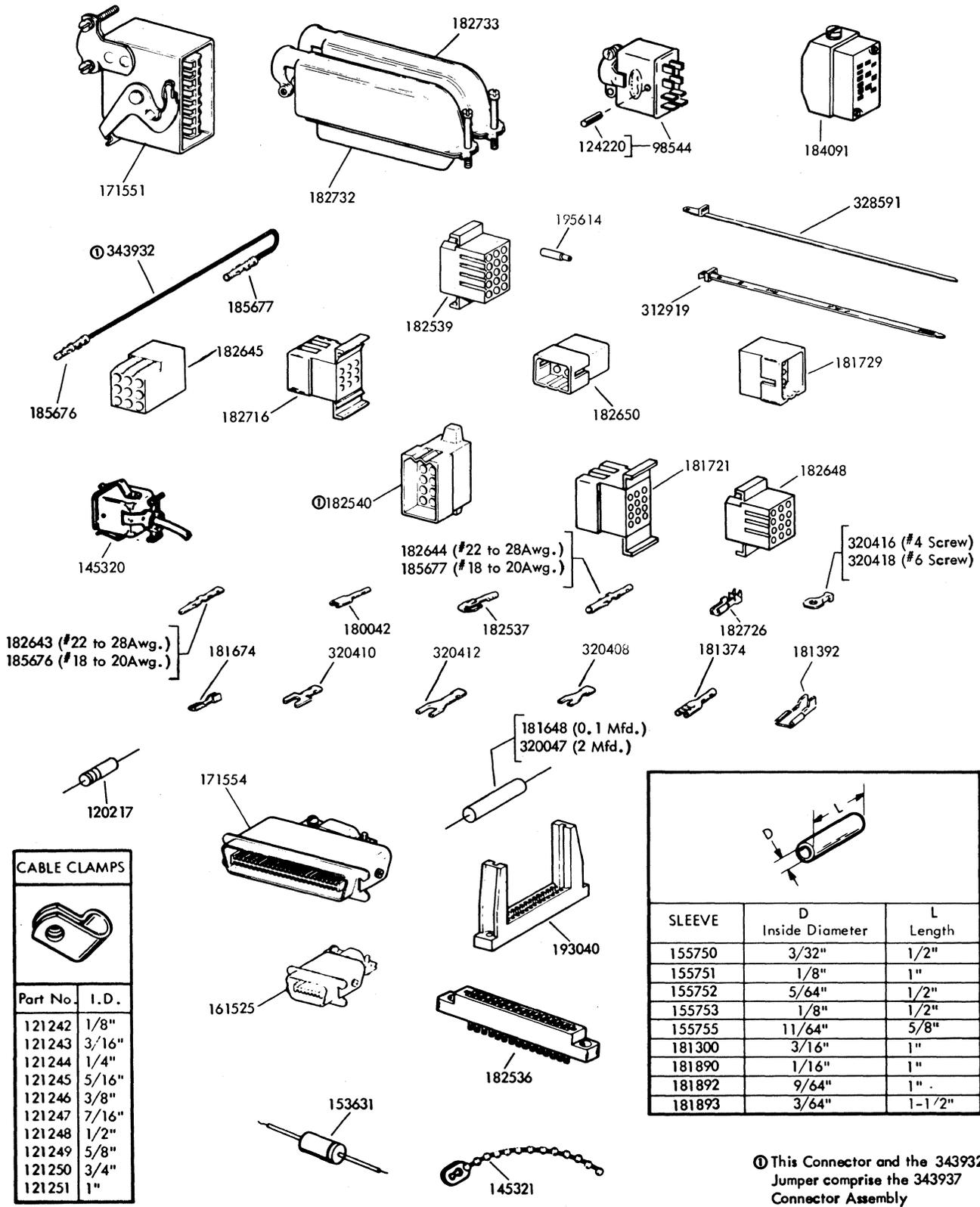


FIGURE 22. POWER CORDS AND JUMPERS



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"

⓪ This Connector and the 343932 Jumper comprise the 343937 Connector Assembly

FIGURE 23. CABLE COMPONENTS

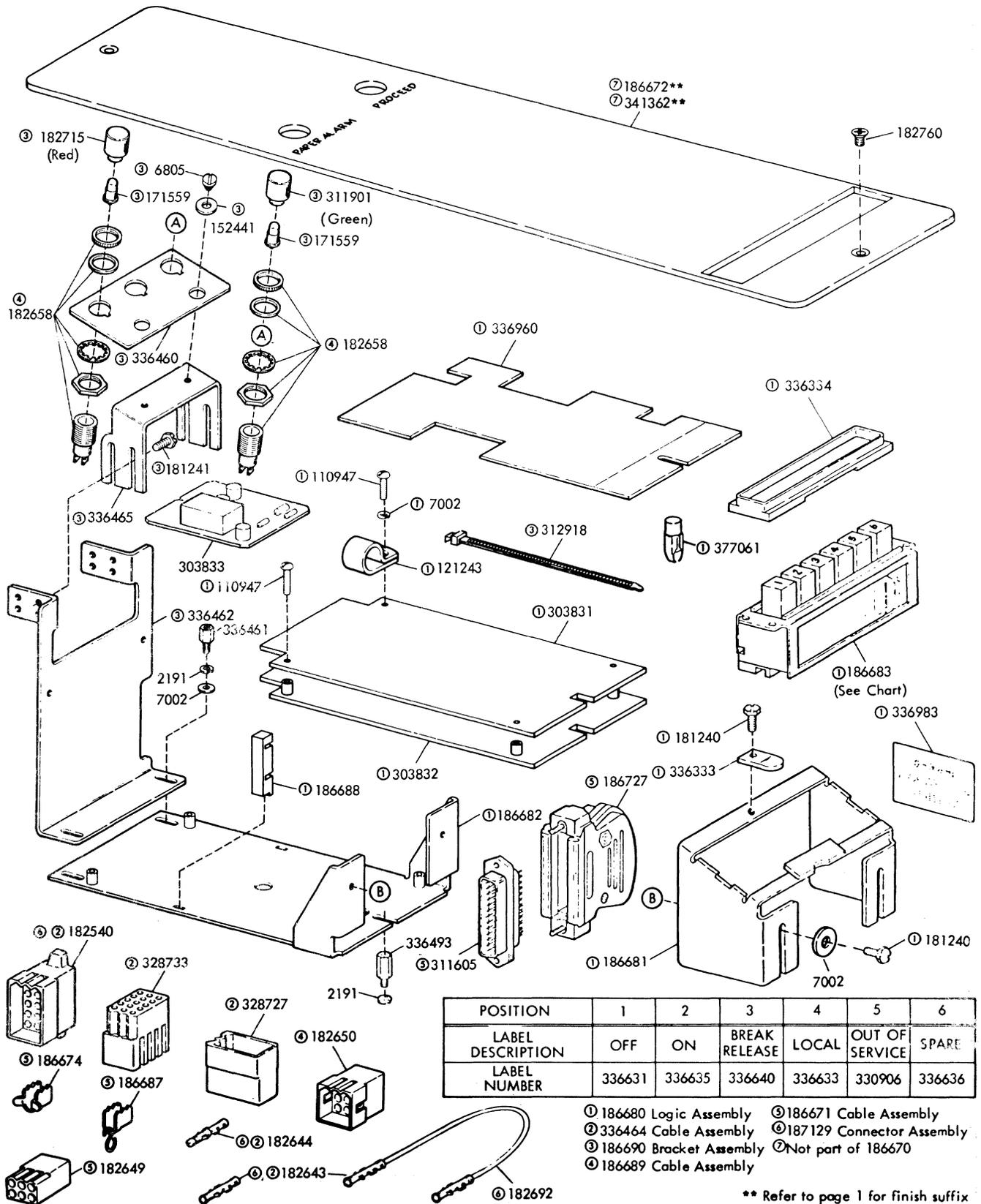


FIGURE 24. 186670 MODIFICATION KIT TO PROVIDE PRIVATE LINE



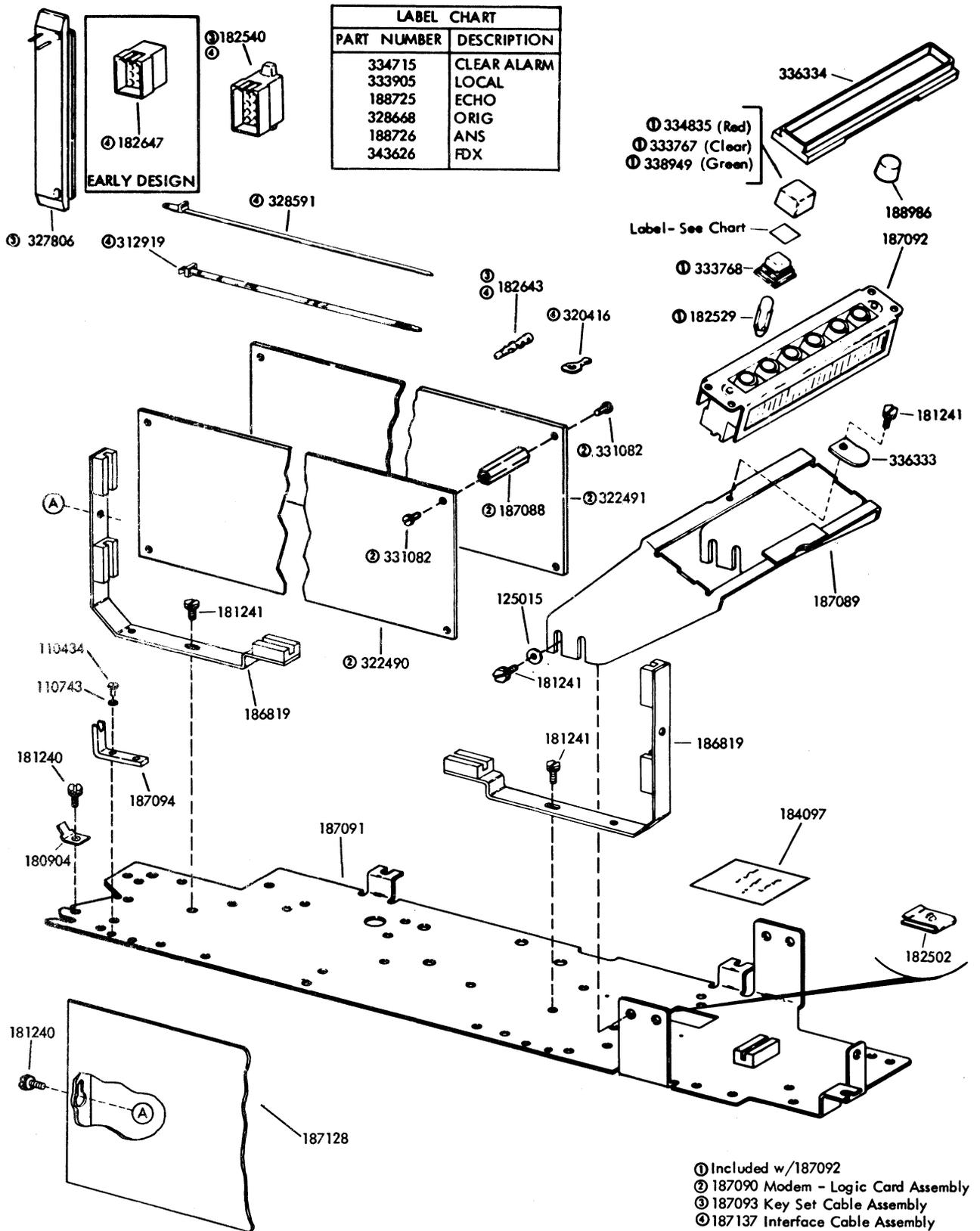


FIGURE 26. CALL CONTROL W/MODEM - LOGIC CARDS

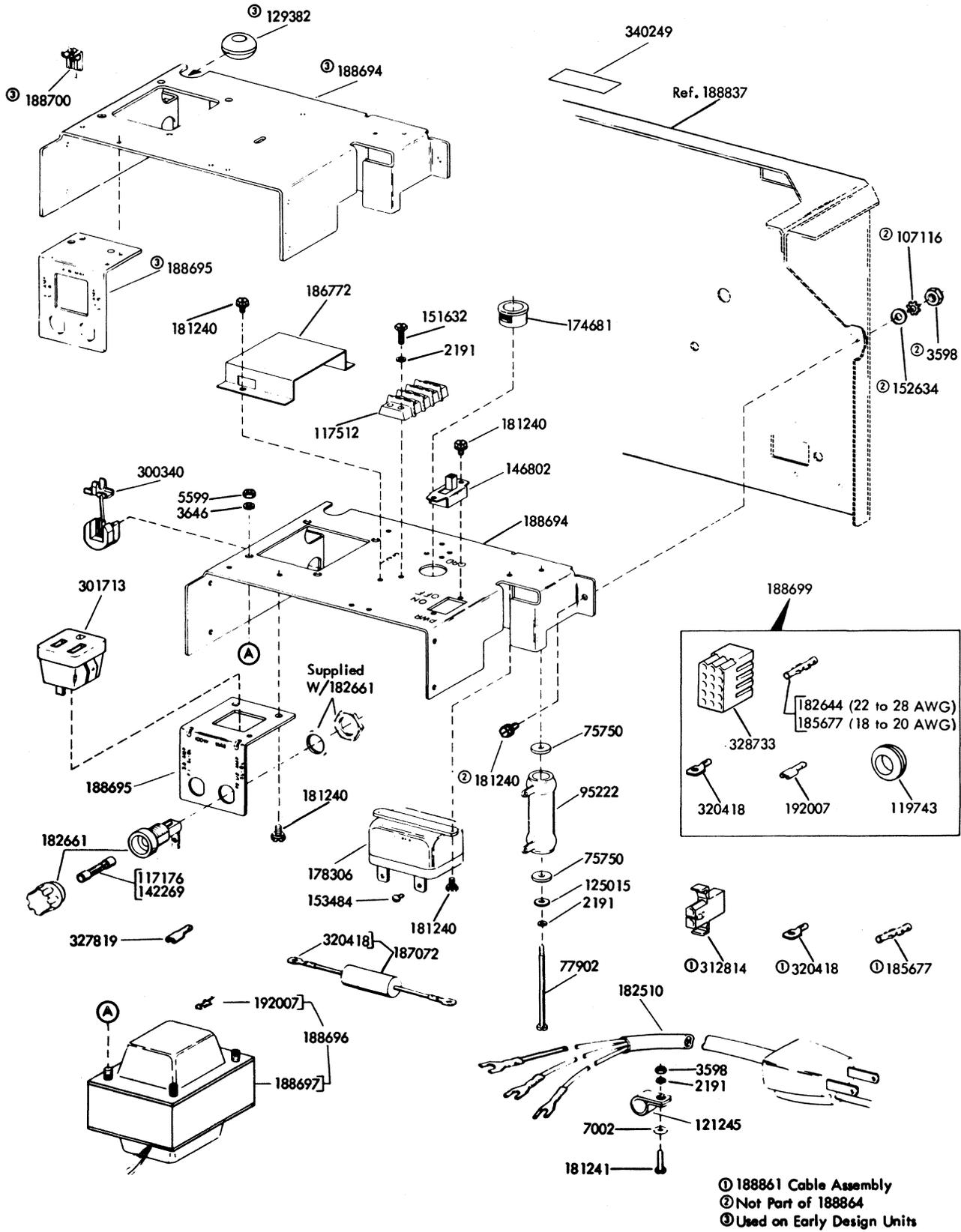


FIGURE 27. 188865 POWER SUPPLY ASSEMBLY

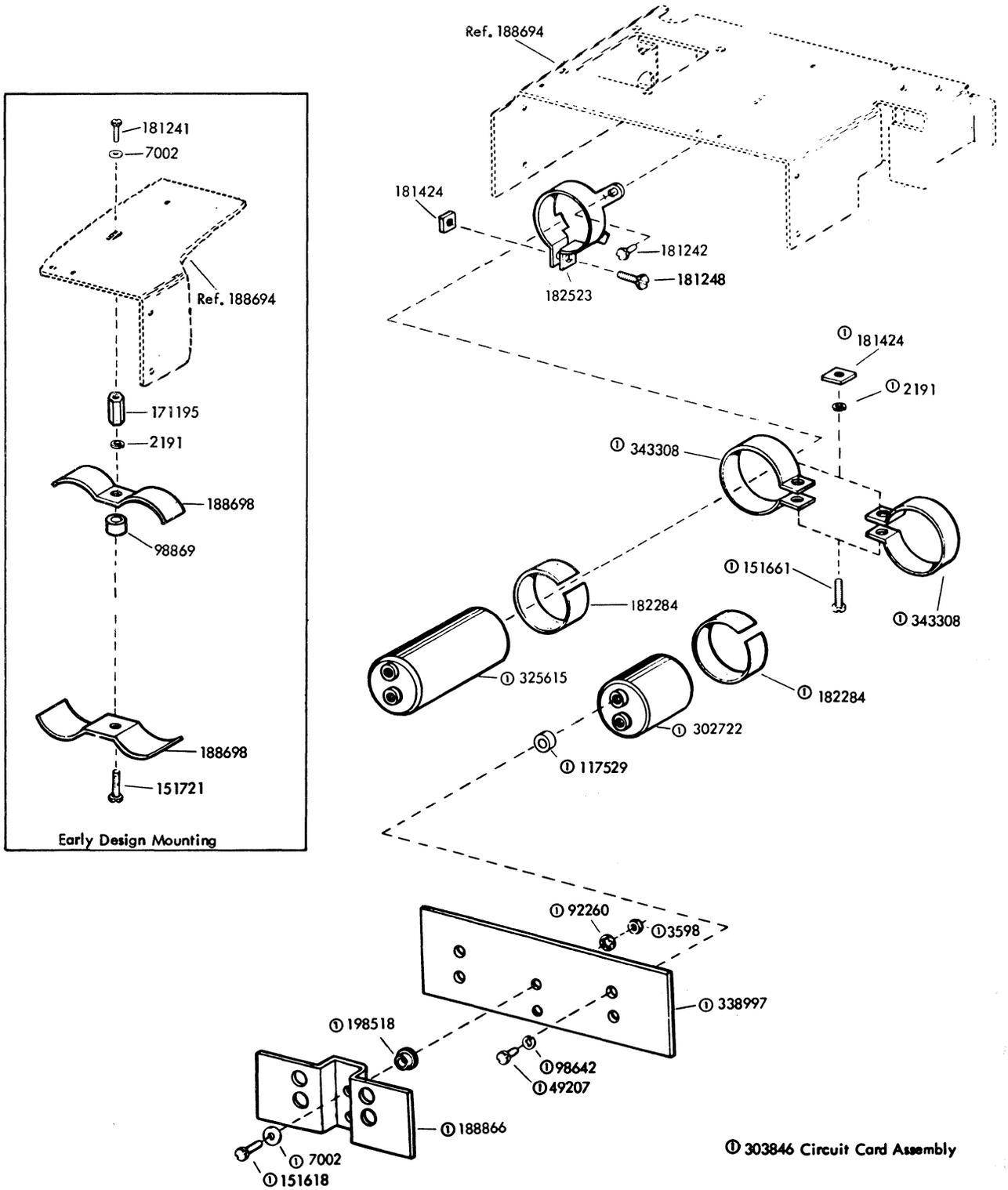


FIGURE 28. 188865 POWER SUPPLY ASSEMBLY (Continued)

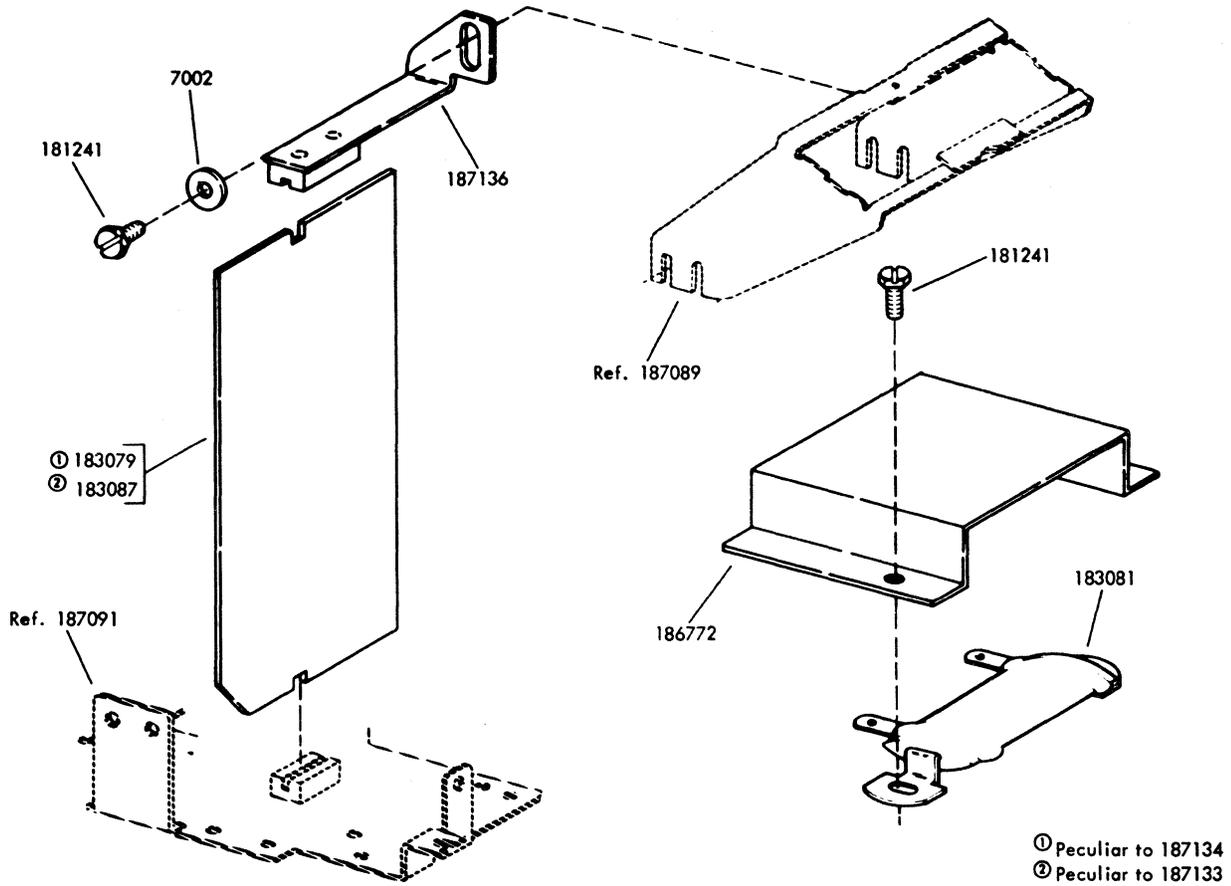


FIGURE 29. 187133 (MANUAL) AND 187134 (AUTOMATIC) READER CARD SET OF PARTS

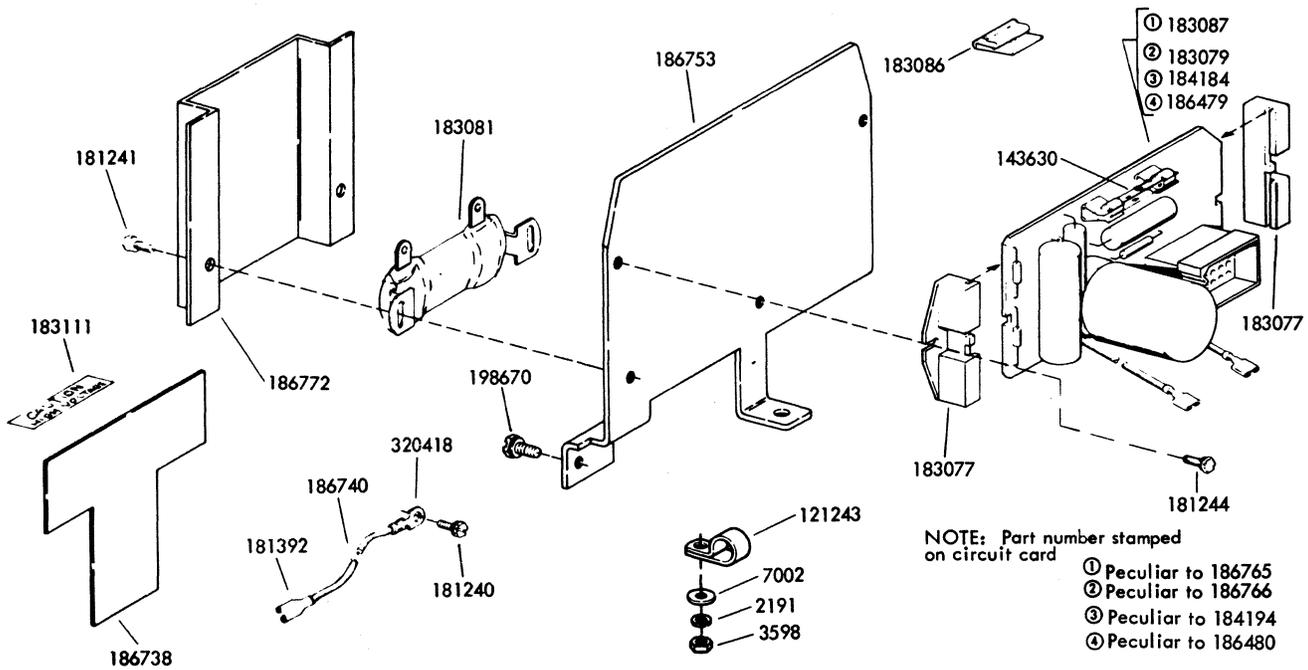


FIGURE 30. 186765 (MANUAL), 186766 (AUTOMATIC), 184194 AND 186480 POWER PACK ASSEMBLIES

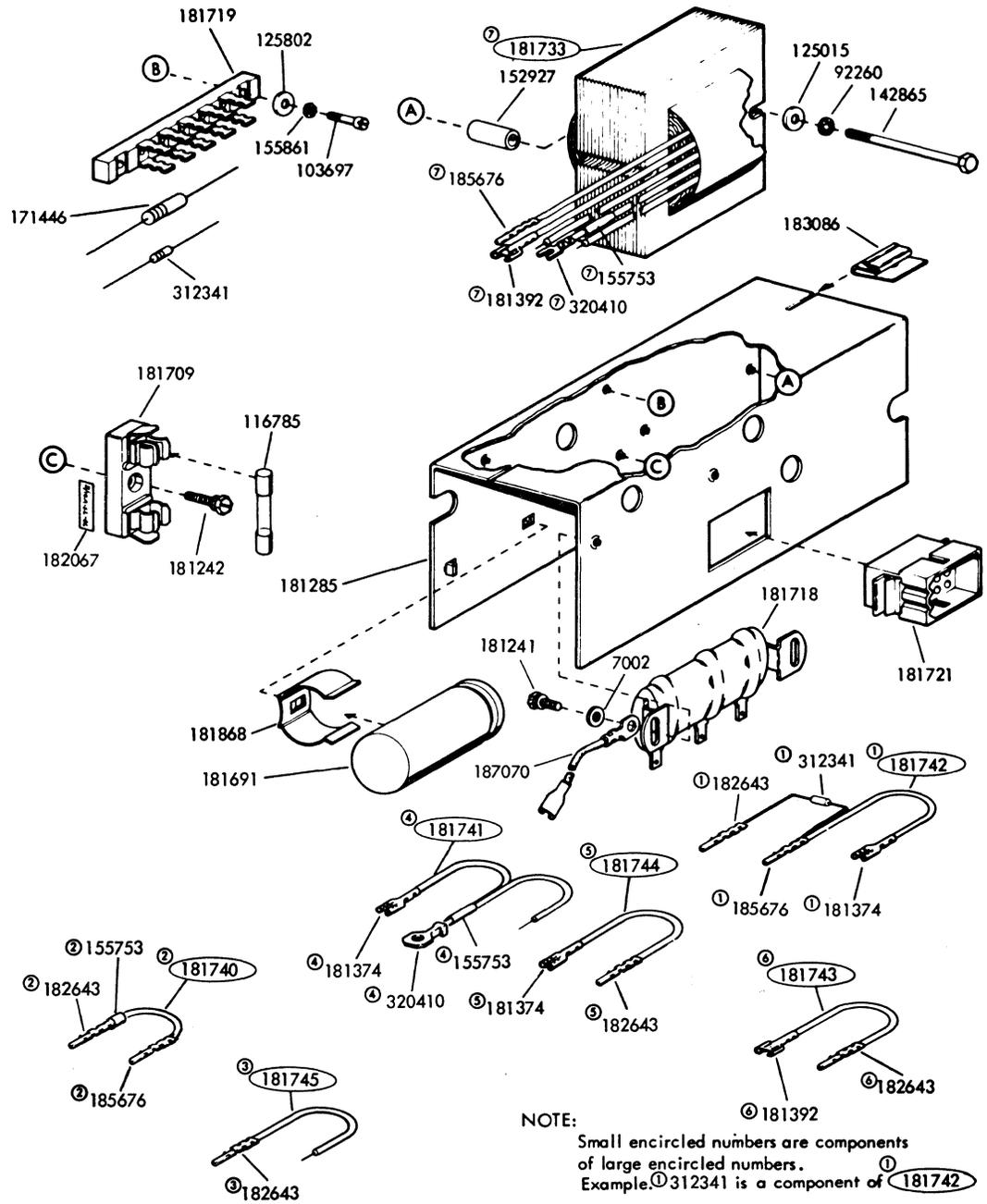


FIGURE 31. 181720 POWER PACK ASSEMBLY

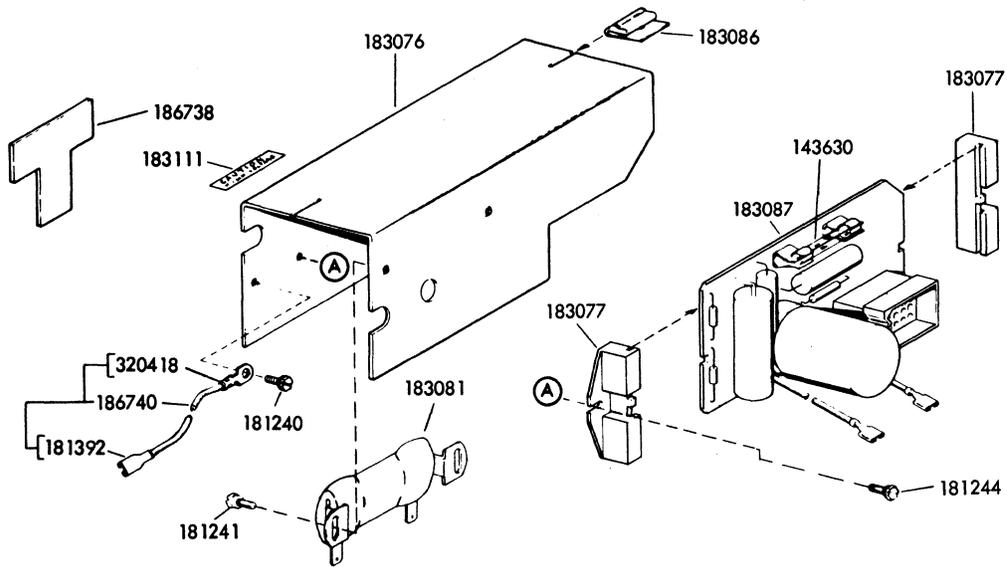


FIGURE 32. 182134 AND 182149 READER POWER PACK ASSEMBLY

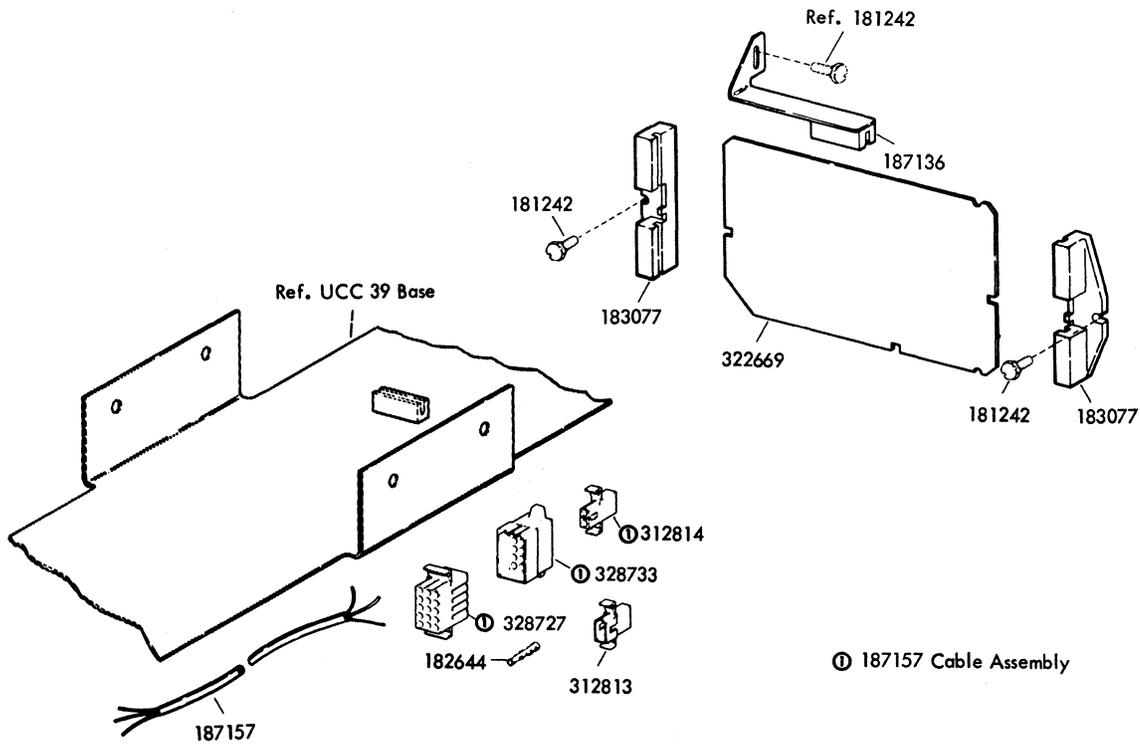


FIGURE 33. 187156 MODIFICATION KIT TO ADD 20/60 MA DC INTERFACE

## 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	110434	Screw, 4-40 x 3/16 Fil 27	143613	Lamp, 14V Incandescent 2,16,18
1018	Screw, 3-48 x 5/16 Fil 4	110435	Nut, 4-40 Hex 17	143630	Fuse, .75 Amp 30,32
1028	Screw, 4-40 x 1/4 Fil 3	110743	Lockwasher 2,3,5,6,7,13, 16,17,21,26,27	144590	Screw, 6-40 x 1-3/8 Fil 4
1207	Screw, 4-36 x 5/16 Flat 16	110947	Screw, 6-32 x 13/16 Rd 25	145046	Connector, 3 Pt Plug 23
2191	Lockwasher 2 to 5,9 to 13, 15,17,18,25,28,29,30	111017	Screw, 6-40 x 5/16 Fil 3, 5 to 10,13,26	145047	Connector, 3 Pt Receptacle 23
2846	Washer, Flat 11	111647	Resistor, 1,000 Ohm 3	145320	Connector, 4 Pt Receptacle 24
3598	Nut, 6-40 Hex 4,5,6,8,9 10,13,17,28,29,30	112485	Screw, 6-32 x 1/4 Fil 2,18	145321	Tie, Cable 24
3606	Nut, 6-40 Hex 4,12	112620	Screw, 4-40 x 1/2 Hex 3,17	146802	Switch SP-ST Slide 28
3640	Lockwasher 11,16	113442	Jumper, 2-1/2" Brown 23	150710	Screw, 6-40 x 1-1/4 Fil 9 17
3646	Lockwasher 9,28	115594	Nut, Speed 16	150966	Insulator, Terminal 3
3649	Washer, Flat 4,6	116785	Fuse, 3 Amp 31	150978	Screw, 6-40 x 1-1/8 Fil 4
5599	Nut, 8-32 Hex 9,28	117176	Fuse, SL-BL 0.5 Amp 2,6, 8,18,26,28	150982	Screw, 4-40 x 7/16 Fil 3
5740	Screw, 2-56 x 1/4 Fil 26	117512	Block, Terminal 28	151073	Screw, 4-40 x 5/32 Fil 21
6347	Screw, 6-32 x 3/8 Rd 14	117529	Spacer, .281" Thk 29	151152	Screw, 4-40 x 3/16 Hex 16
6805	Screw, 6-40 Shoulder 15, 16,25	119743	Grommet, Rubber 28	151335	Stud 3,5,6,8,9,10,13,26
7001	Washer, Flat 12,17	120167	Fuse, SL-BL 3.2 Amp 6,8,13	151411	Block, Terminal 5,6,8,9, 10,13,26
7002	Washer, Flat 2 to 13,15, 17,21,25,26,28,29,30,31	120217	Resistor, 1200 Ohm 24	151412	Insulator, Terminal 5,6, 8,9,10,13,26
8330	Washer, Flat 6,9,10,13, 17,26	121242	Clamp, 1/8 ID Cable 24	151415	Block, Terminal 3,26
42823	Washer, Flat 5,6,13	121243	Clamp, 3/16 ID Cable 24, 25,30	151416	Nut, 6-40 Hex 3,5,6,8,9, 10,13,26
49054	Screw, 2-56 x 3/16 Flat 11	121244	Clamp, 1/4 ID Cable 14,24	151442	Screw, 6-40 x 1/2 Hex 4, 9,11,13,17
49207	Screw, 10-32 x 9/16 Rd 29	121245	Clamp, 5/16 ID Cable 7,9, 24,26,28	151618	Screw, 6-40 x 7/16 Fil 13, 29
70072	Lockwasher 4	121246	Clamp, 3/8 ID Cable 24	151630	Screw, 6-40 x 1/4 Hex 2
71073	Washer, Flat 17,26	121247	Clamp, 7/16 ID 7,24	151632	Screw, 6-40 x 3/8 Hex 8
75750	Washer, Insulating 3,28	121248	Clamp, 1/2 ID Cable 24	151660	Screw, 6-40 x 7/8 Fil 6, 12
77362	Resistor, 350 Ohm 3	121249	Clamp, 5/8 ID Cable 24	151661	Screw, 6-40 x 1 Fil 29
77902	Screw, 6-40 x 2-3/8 Rd 3, 28	121250	Clamp, 3/4 ID Cable 24	151685	Screw, 4-40 x 5/16 Fil 14
87993	Screw, 6-40 x 5/32 Fil 20	121251	Clamp, 1 ID Cable 24	151687	Screw, 4-40 x 7/16 Fil 11
90787	Screw, 4-40 x 3/8 Hex 2	121551	Screw, 8-32 x 1/4 Hex 2, 3,7,9,10,26	151692	Screw, 6-40 x 3/16 Fil 7,10,26
91742	Locknut 23	124177	Lockwasher 4,6,7,17,20,21	151693	Screw, 6-40 x 9/16 Fil 4
91943	Jumper, 2-1/4" Black 23	124220	Pin, Drive 24	151721	Screw, 6-40 x 3/4 Hex 29
92260	Lockwasher 2,13,29,31	125011	Washer, Flat 2,3,16,17	151731	Screw, 4-40 x 7/8 Fil 5, 6,13
93117	Lockwasher 17	125015	Washer, Flat 3,4,6 to 9,17, 26,27,28,31	151734	Screw, 4-40 x 3/8 Hex 16
93118	Lockwasher 26	125205	Screw, 6-40 x 7/16 Fil 17	151738	Screw, Spl 7,26
95222	Resistor, 40 Ohm 28	125206	Screw, 6-32 x 5/8 Fil 23	151818	Jumper, 4-1/4" Black 23
96717	Screw, 4-40 Shoulder 2	125802	Washer, Flat 31	151819	Jumper, 3" Black 23
98544	Connector, 8 Pt Plug 24	129382	Grommet, Rubber 28	151827	Strap, Terminal 5,13,26
98642	Lockwasher 29	138538	Fuse, SL-BL 2 Amp 8,13		
98726	Screw, 3-48 x 1/4 Fil 4	142269	Fuse, SL-BL 3 Amp 8,9,10 26,28		
98869	Spacer 29	142669	Fuse, SL-BL 3 Amp 28		
103092	Connector, Cord 23	142865	Screw, 6-40 x 2-1/32 Hex 31		
103469	Screw, 4-40 Spl 11				
103697	Screw, 4-40 x 7/16 Fil 31				
107116	Lockwasher 4,22,28				

## NUMERICAL INDEX (Continued)

Part Number	Description and Page Number	Part Number	Description and Page Number	Part Number	Description and Page Number
152441	Washer, Flat 15,16,25	180042	Terminal, Tab Type 24	181241	Screw w/Lockwasher, 6-40 x 1/4 Hex 2 to 13,16 to 21, 25 to 32
152634	Washer, Flat 16,28	180586	Sleeve, 5/32 ID x 21/32" Lg Insulating 17	181242	Screw w/Lockwasher, 6-40 x 5/16 Hex 7 to 11, 26, 29,31,32
152893	Screw, 4-40 x 1/4 Hex 2,3	180877	Jumper, 2-3/4" White-Red 23	181243	Screw w/Lockwasher, 6-40 x 3/8 Hex 6
152927	Bushing 31	180878	Jumper, 2-3/4" White-Orange 23	181244	Screw w/Lockwasher, 6-40 x 7/16 Hex 30,32
153484	Screw, 6-32 Spl 3,13,28	180879	Jumper, 2-3/4" White-Yellow 23	181245	Screw w/Lockwasher, 6-40 x 3/8 Hex 9
153631	Network, Spark Suppression 5,13,23,24	180880	Jumper, 2-3/4" White-Green 23	181248	Screw w/Lockwasher, 6-40 x 7/8 Hex 7,17,26,29
153799	Screw, 4-40 x 21/64 Hex 3	180881	Jumper, 2-3/4" White-Blue 23	181263	Timer, Hour 6
154173	Plate 16	180882	Jumper, 2-3/4" White-Black 23	181264	Bracket 6,13
155750	Sleeve, 3/32 ID x 1/2" Lg Insulating 11,17,24	180884	Jumper, 2-3/4" White-Slate 23	181265	Timer w/Terminals 6
155751	Sleeve, 1/8 ID x 1" Lg Insulating 11,24	180886	Jumper, 2-1/2" Green 23	181266	Bushing, Insulating 17
155752	Sleeve, 5/64 ID x 1/2" Lg Insulating 24	180887	Jumper, 2-1/2" Red 23	181276	Nameplate 6,13
155753	Sleeve, 1/8 ID x 1/2" Lg Insulating 24,31	180888	Jumper, 2-1/2" Blue 23	181281	Bracket, Right 21
155755	Sleeve, 11/64 ID x 5/8" Lg Insulating 11,17,24	180889	Jumper, 2-1/2" Yellow 23	181282	Bracket, Left 21
155861	Lockwasher 31	180890	Jumper, 2-1/2" White 23	181283	Spacer, .065" Thk 3,21
156450	Screw, 2-56 x 1/2 Fil 17	180893	Jumper, 2-1/2" Red-Orange 23	181285	Cover, Mounting 31
156880	Jumper, 2-3/8" Black 14	180894	Jumper, 2-1/2" White-Blue 23	181287	Holder, Card 20,21
159404	Post 11	180895	Jumper, 2-1/2" White-Green 23	181289	Window, Plastic 19,20,21
159597	Washer, Flat 2	180896	Jumper, 2-1/2" White-Yellow 23	181292	Window, Plastic 19,20
159931	Clamp 6,7	180897	Jumper, 2-1/2" White-Orange 23	181297	Cover, Insulating 5,6,8, 9,10
159932	Keeper 6,7	180898	Jumper, 2-1/2" White-Red 23	181300	Sleeve, 3/16 ID x 1" Lg Insulating 24
160859	Terminal 4,9,17	180899	Jumper, 2-1/2" White-Purple 23	181374	Terminal, Tab Type 24,31
161525	Connector, 14 Pt Plug 24	180900	Jumper, 2-1/2" Orange 23	181392	Terminal, Tab Type 10,24, 30,31,32
162360	Fuse, SL-BL .8 Amp 6,9,13	180902	Jumper, 3-1/2" Braided 23	181424	Nut, 6-40 Sq 7,9,17,26,29
165168	Key 11	180904	Tab, Terminal 5,6,8,9, 12,26,27	181631	Strip Assembly, Lamp 2
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