

33 CALL CONTROL UNIT (UCC)

PARTS

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**Denotes a printed part.

HF - Light Olive Gray Smooth Vinyl

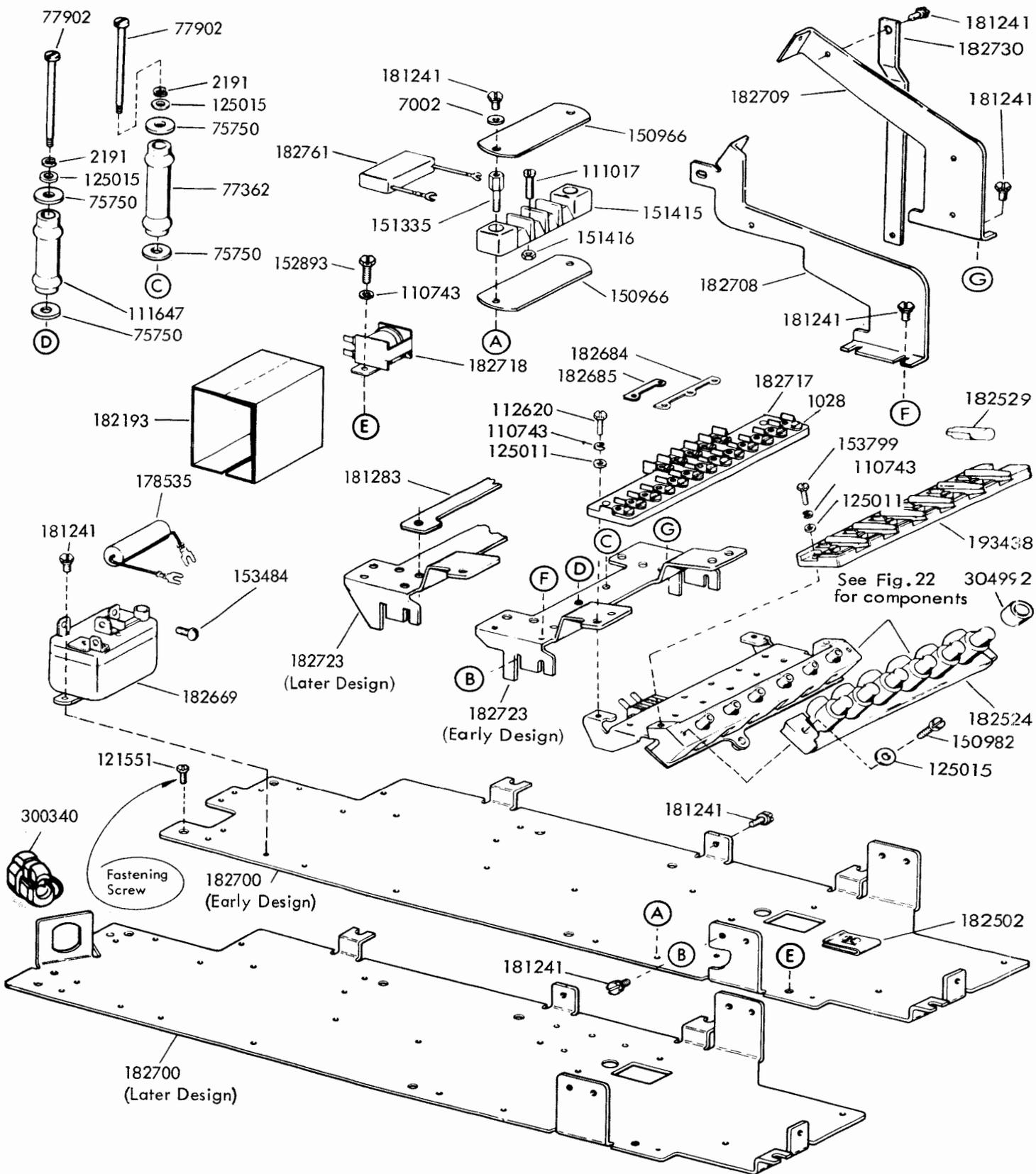


Fig. 2 - Baseplate Components For Use With Touch-Tone or Card Dialing

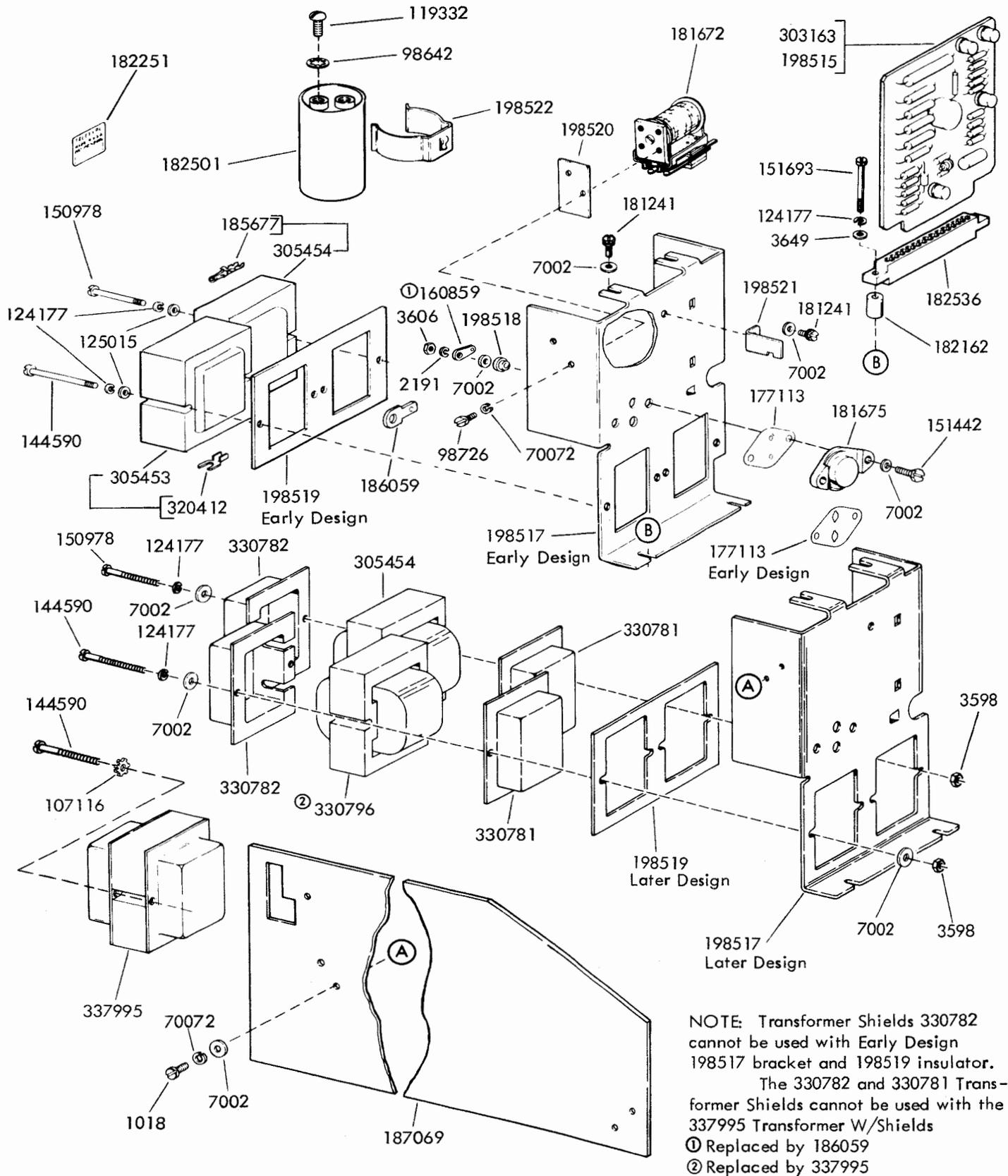


Fig. 3 - Electrical Components For Use With Rotary Dial

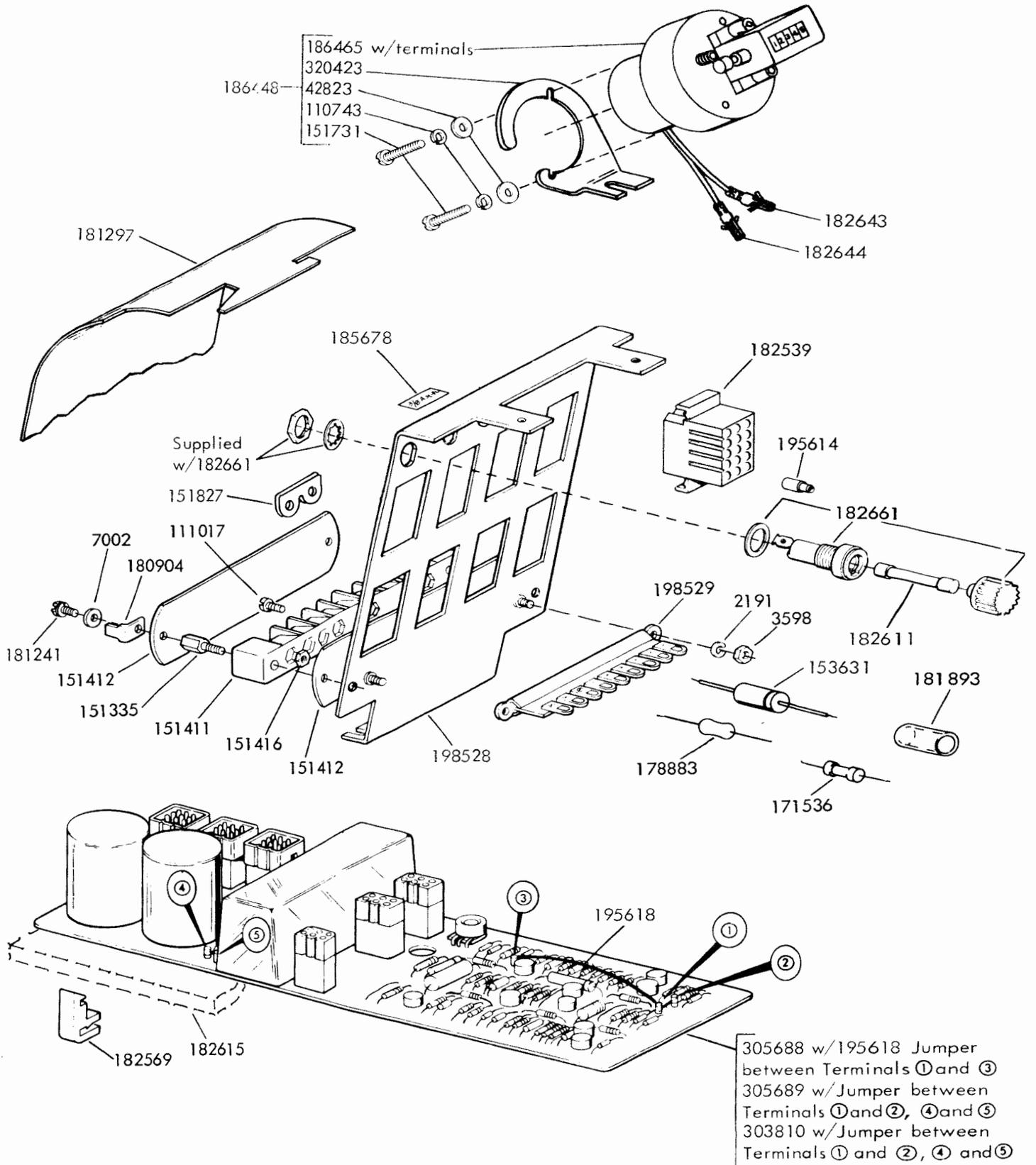


Fig. 3 - Electrical Components For Use With Rotary Dial (Cont)

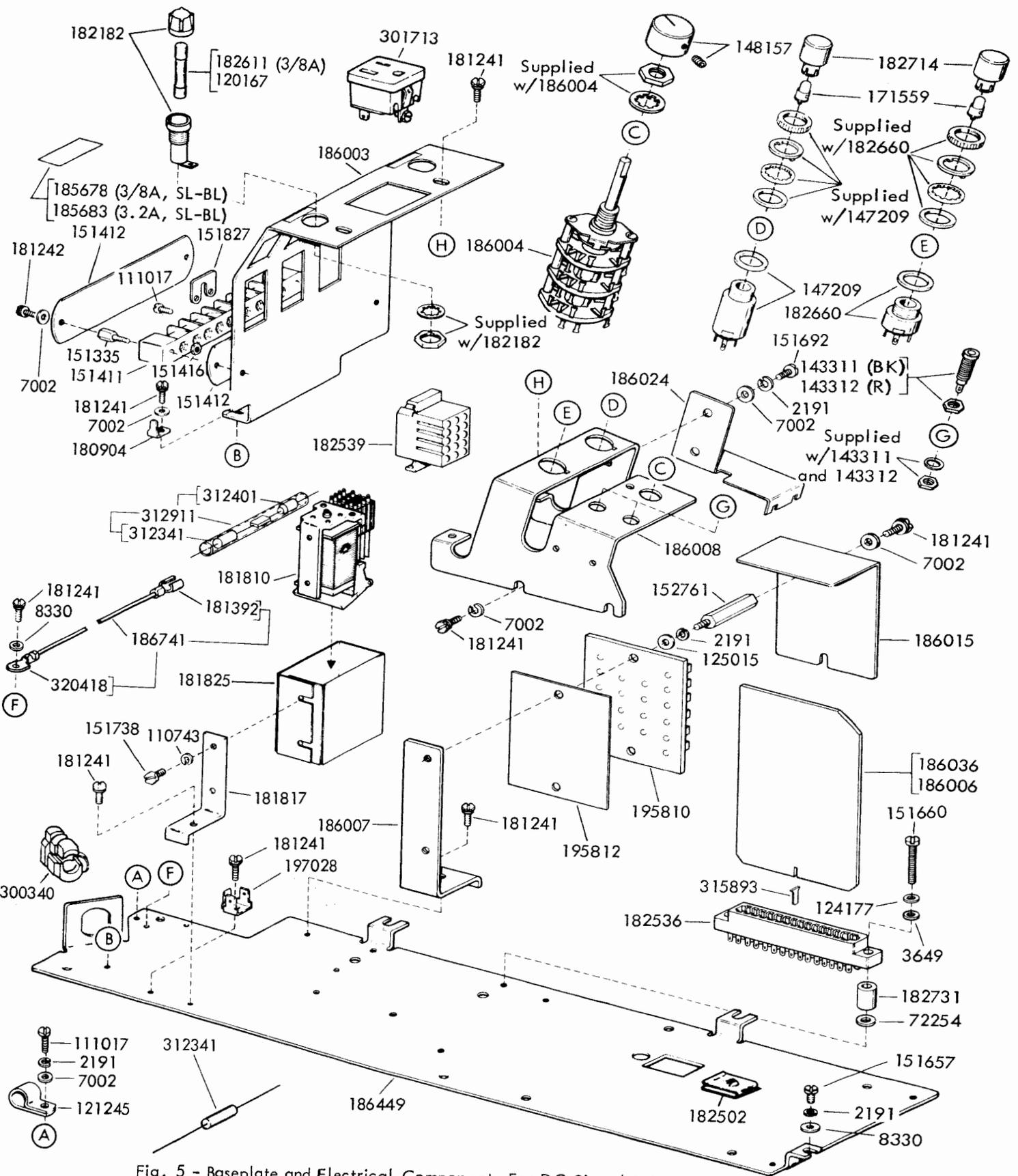


Fig. 5 - Baseplate and Electrical Components For DC Signal Private Line

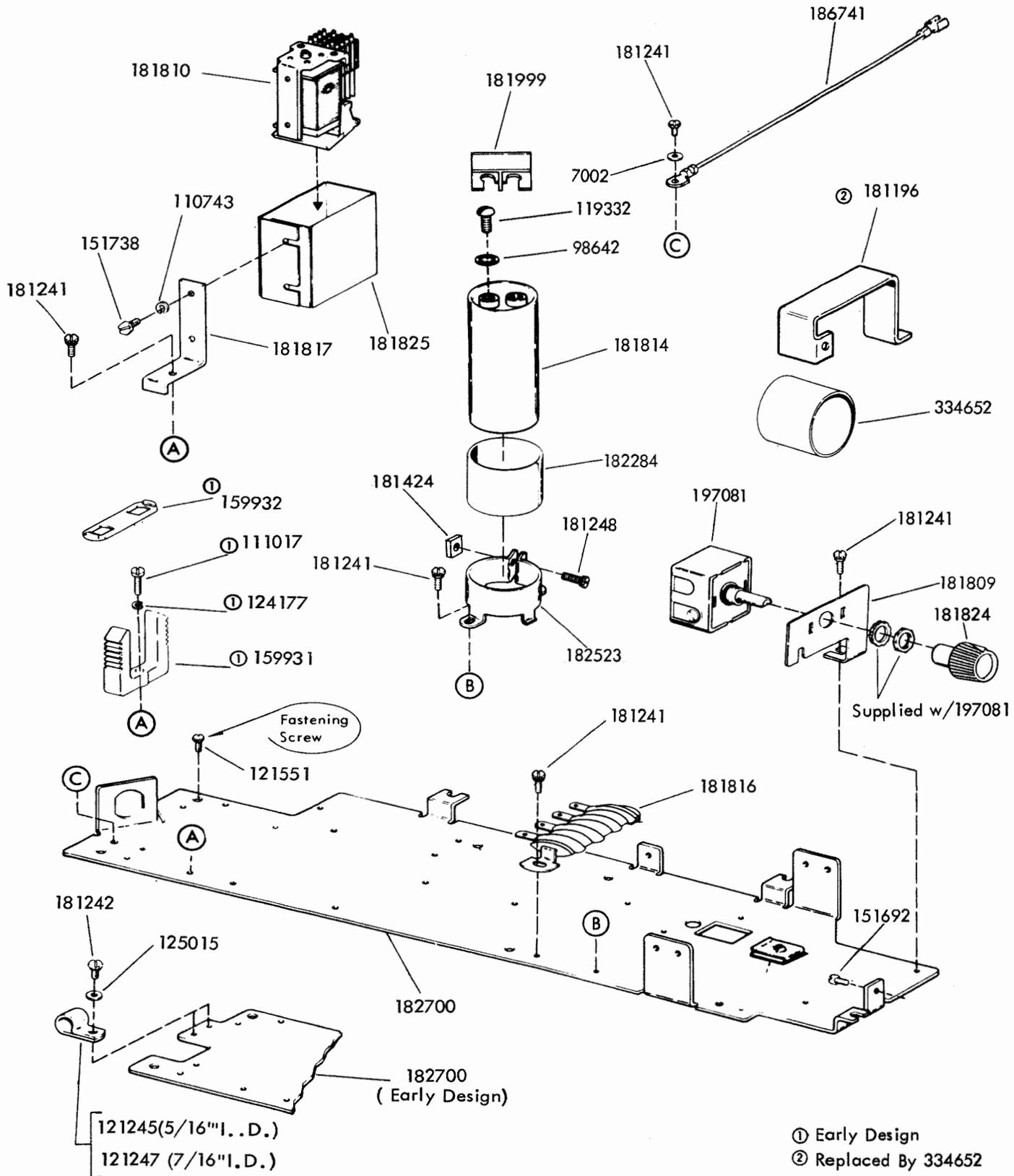


Fig. 5 - Baseplate and Electrical Components For DC Signal Private Line (Cont)

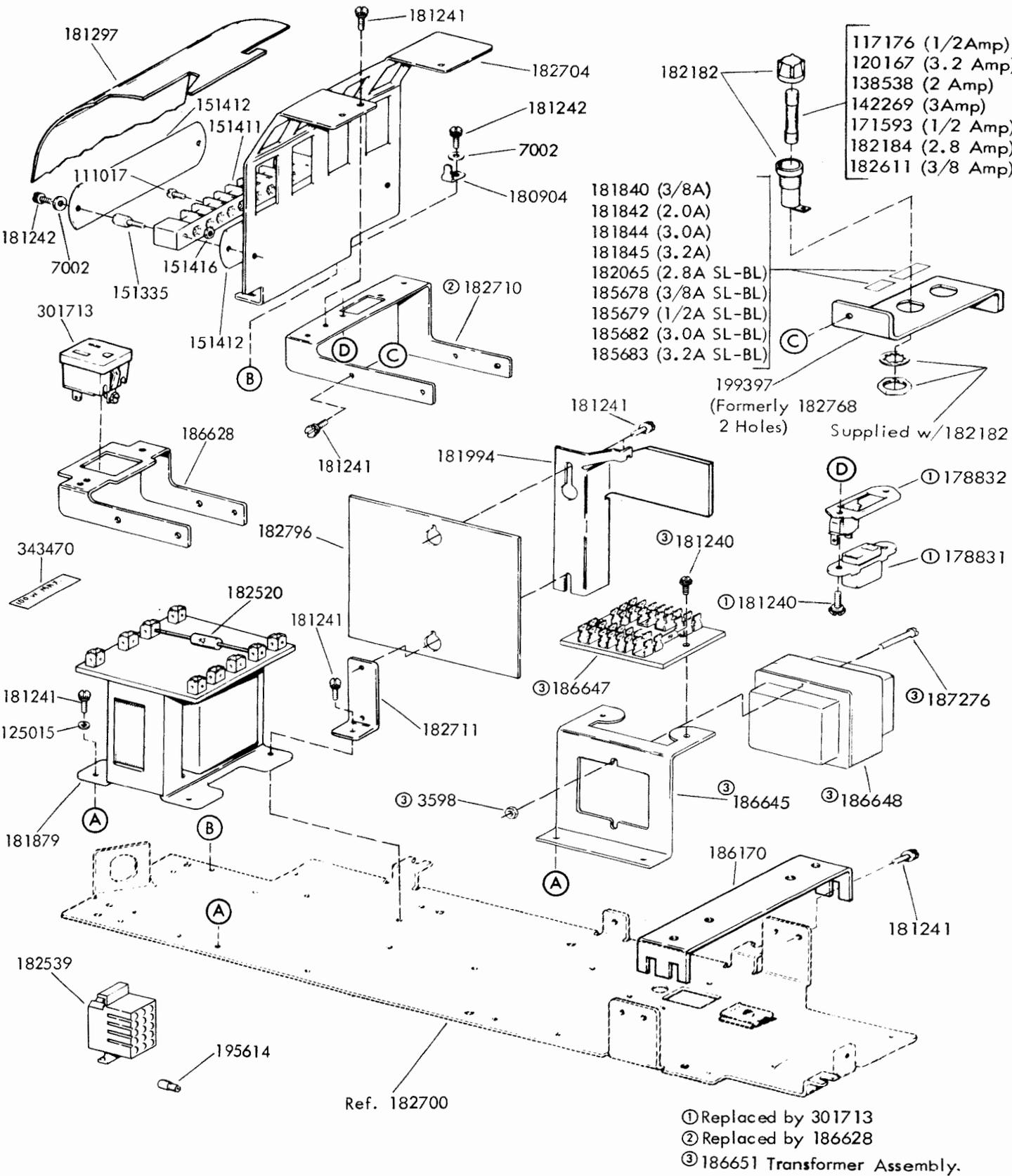


Fig. 5 - Baseplate and Electrical Components For DC Signal Private Line (Cont)

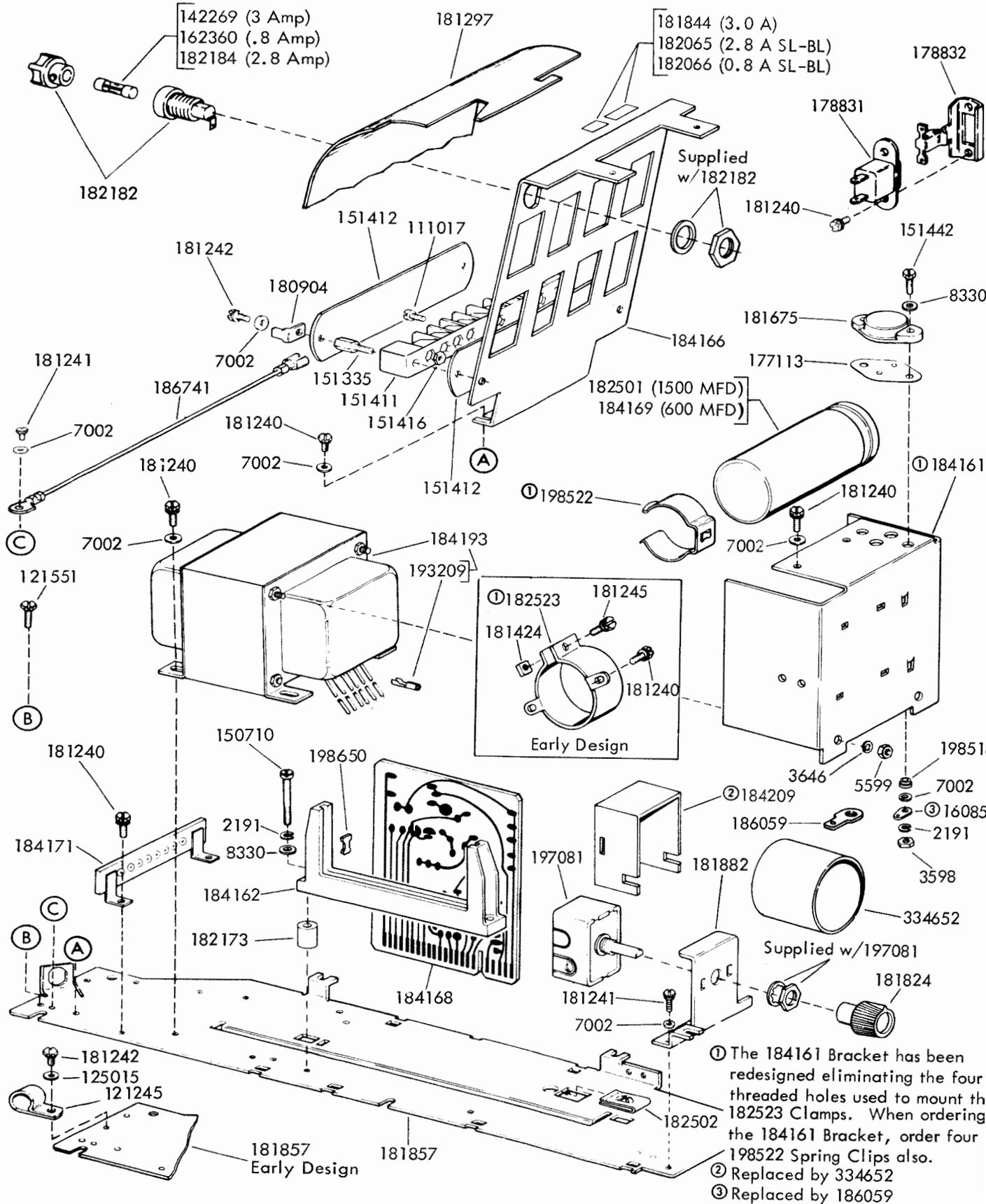
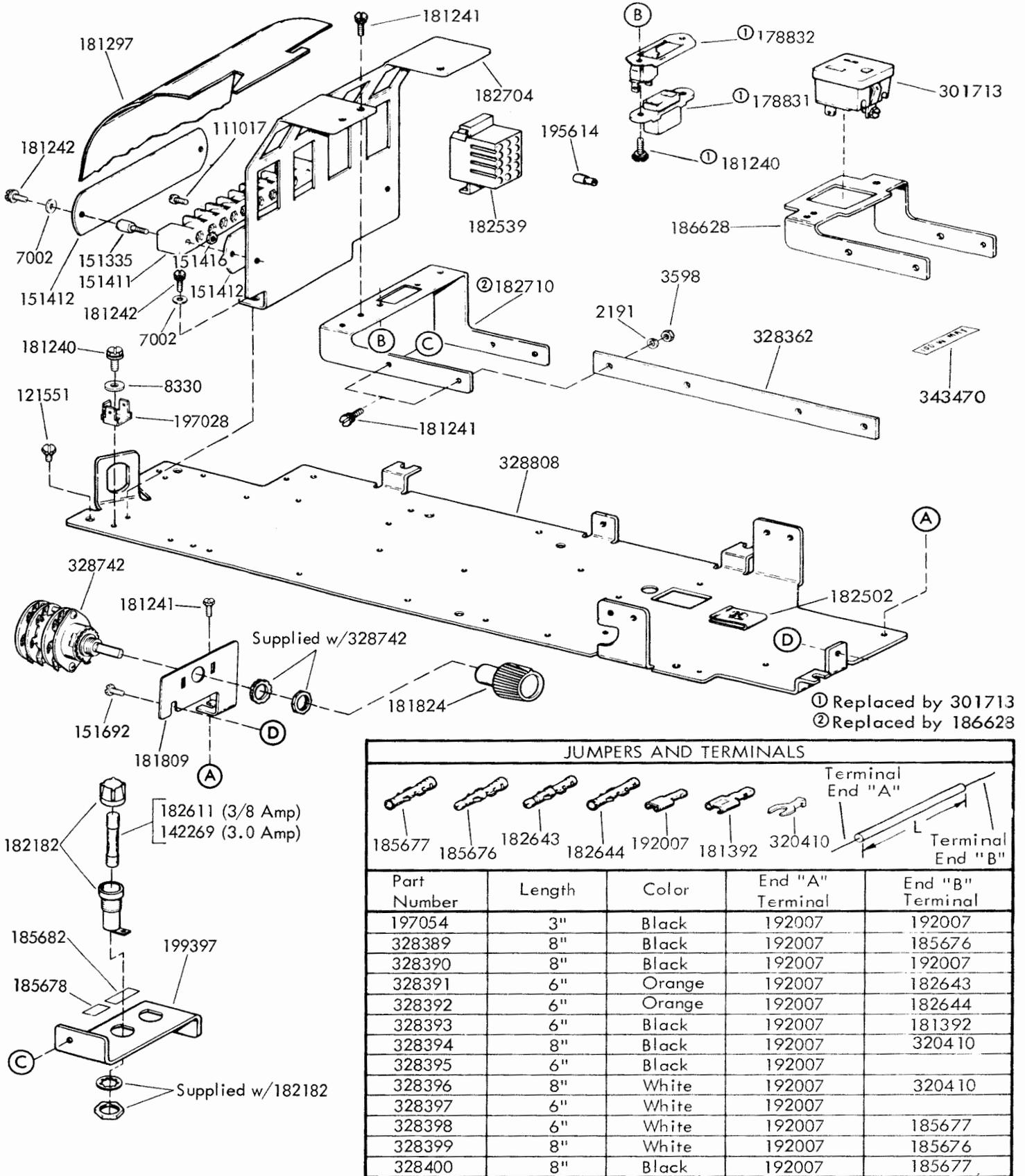


Fig. 6 - Electrical Components For Computer Control Private Line



JUMPERS AND TERMINALS				
Part Number	Length	Color	End "A" Terminal	End "B" Terminal
185677				
185676				
182643				
182644				
192007				
181392				
320410				
197054	3"	Black	192007	192007
328389	8"	Black	192007	185676
328390	8"	Black	192007	192007
328391	6"	Orange	192007	182643
328392	6"	Orange	192007	182644
328393	6"	Black	192007	181392
328394	8"	Black	192007	320410
328395	6"	Black	192007	
328396	8"	White	192007	320410
328397	6"	White	192007	
328398	6"	White	192007	185677
328399	8"	White	192007	185676
328400	8"	Black	192007	185677

Fig. 7 - Baseplate and Electrical Components For Use With Station Controller

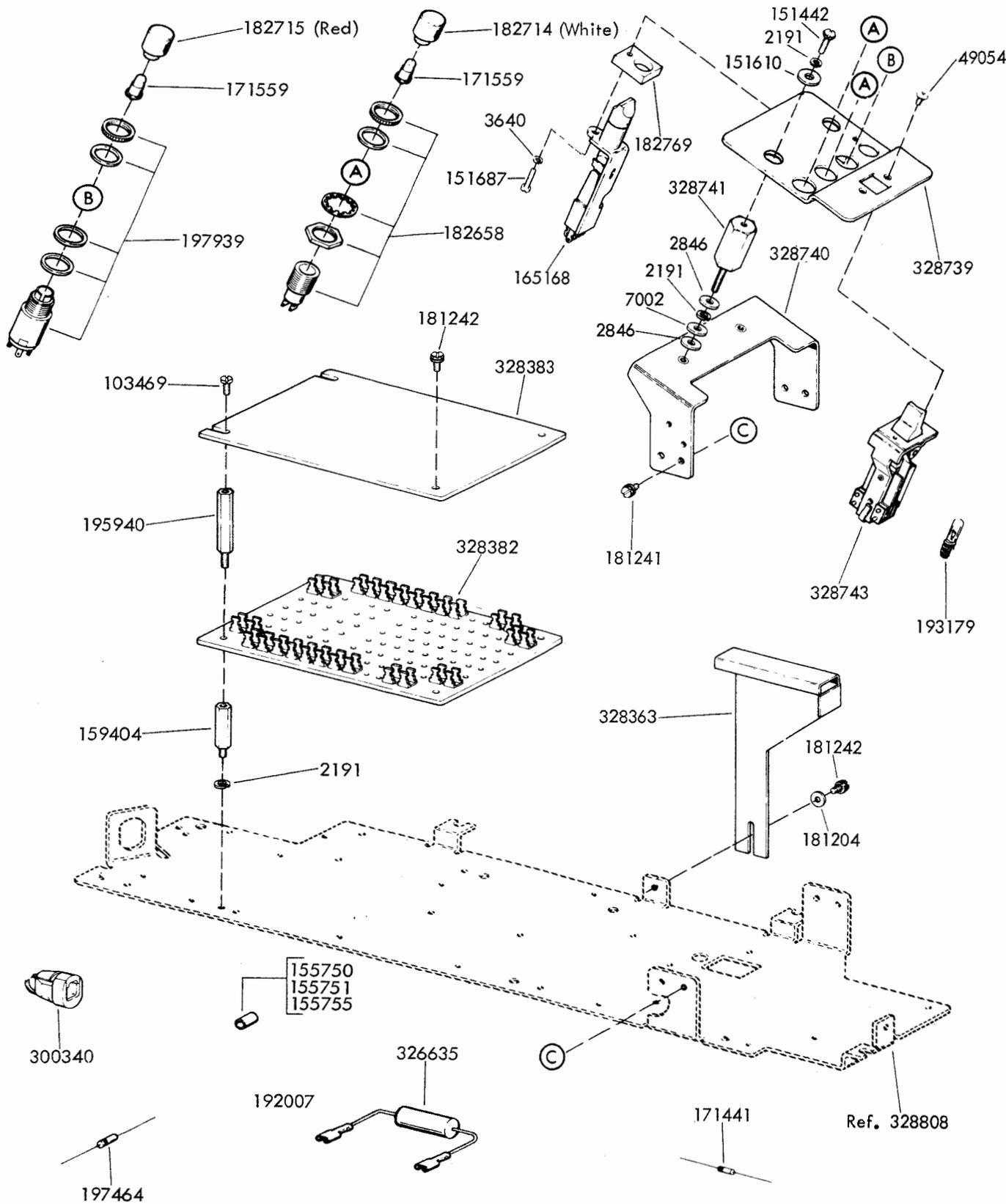


Fig. 7 - Baseplate and Electrical Components For Use With Station Controller (Cont)

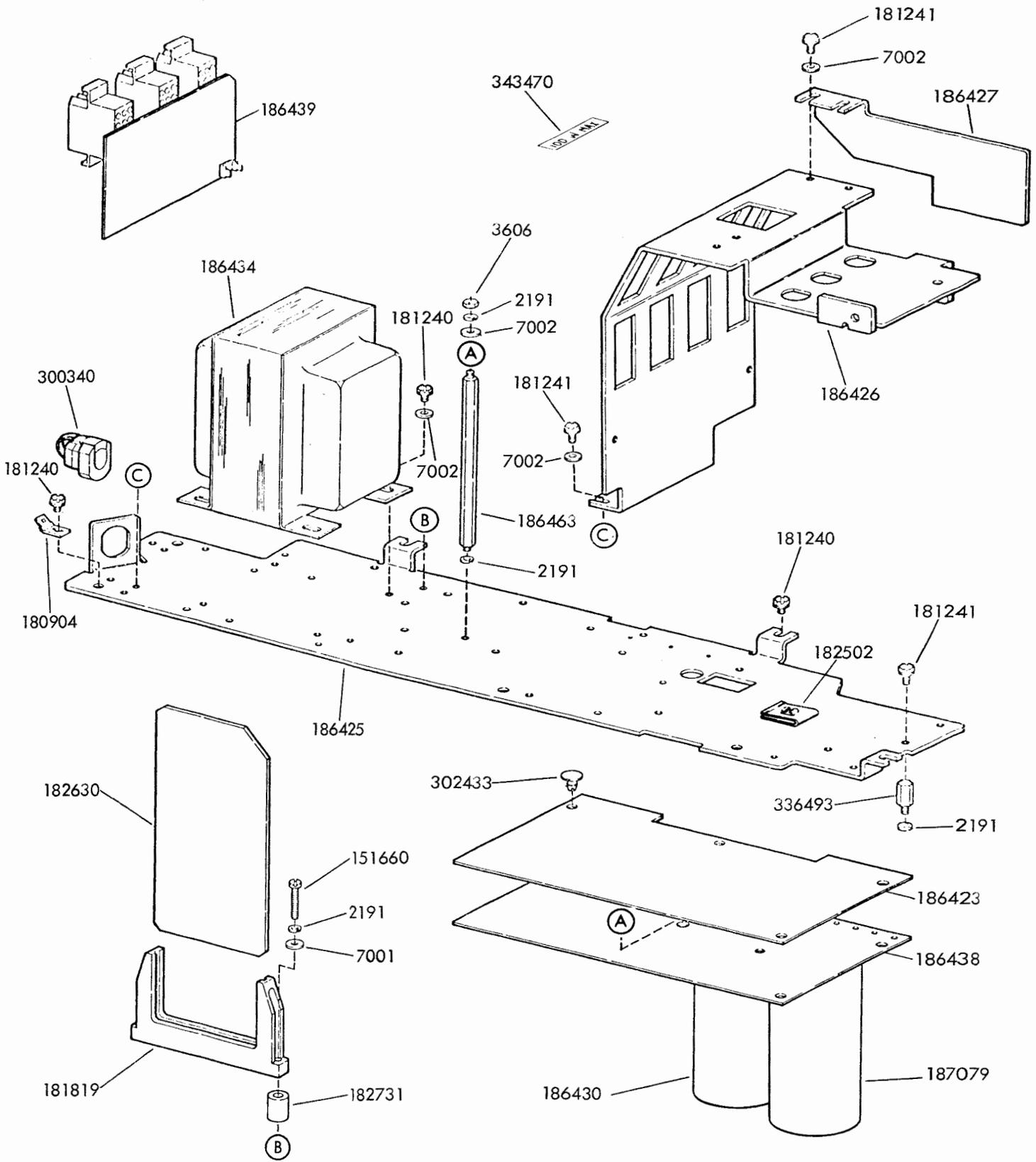


Fig. 8 - Baseplate and Electrical Components

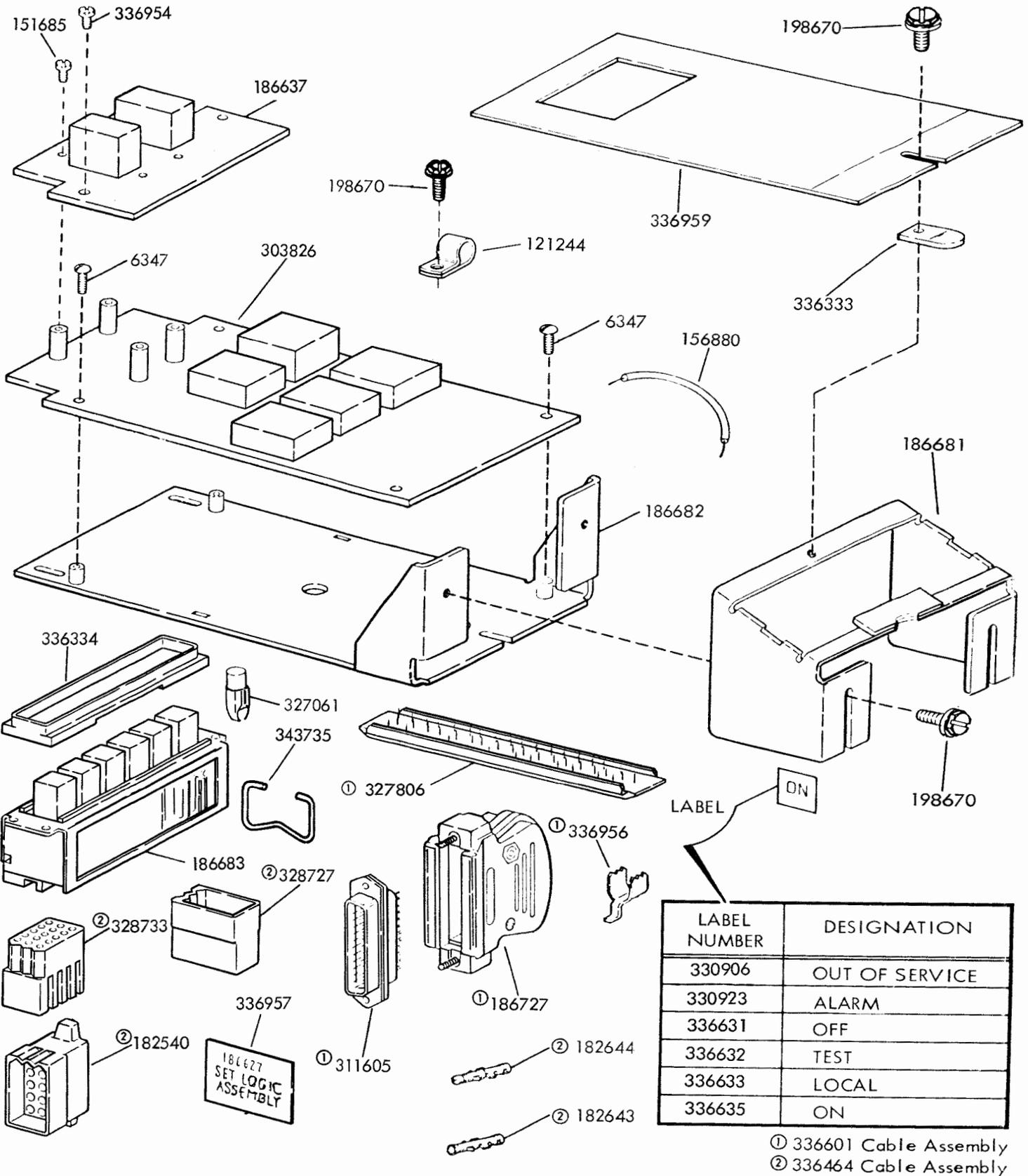


Fig. 9 - 186627 Set Interface Logic Assembly

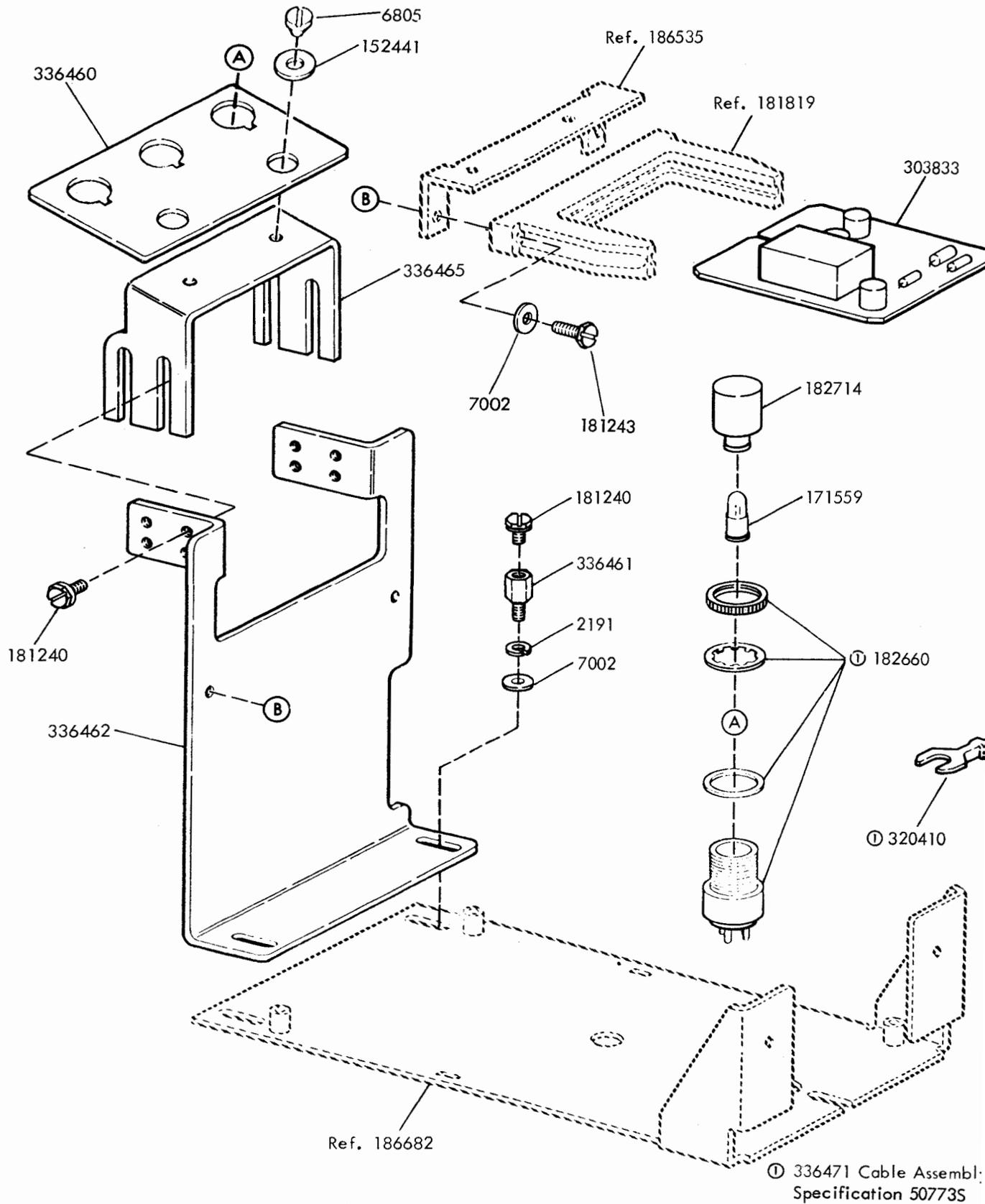


Fig. 10 - 186630 Modification Kit To Provide Break Detection and Indication

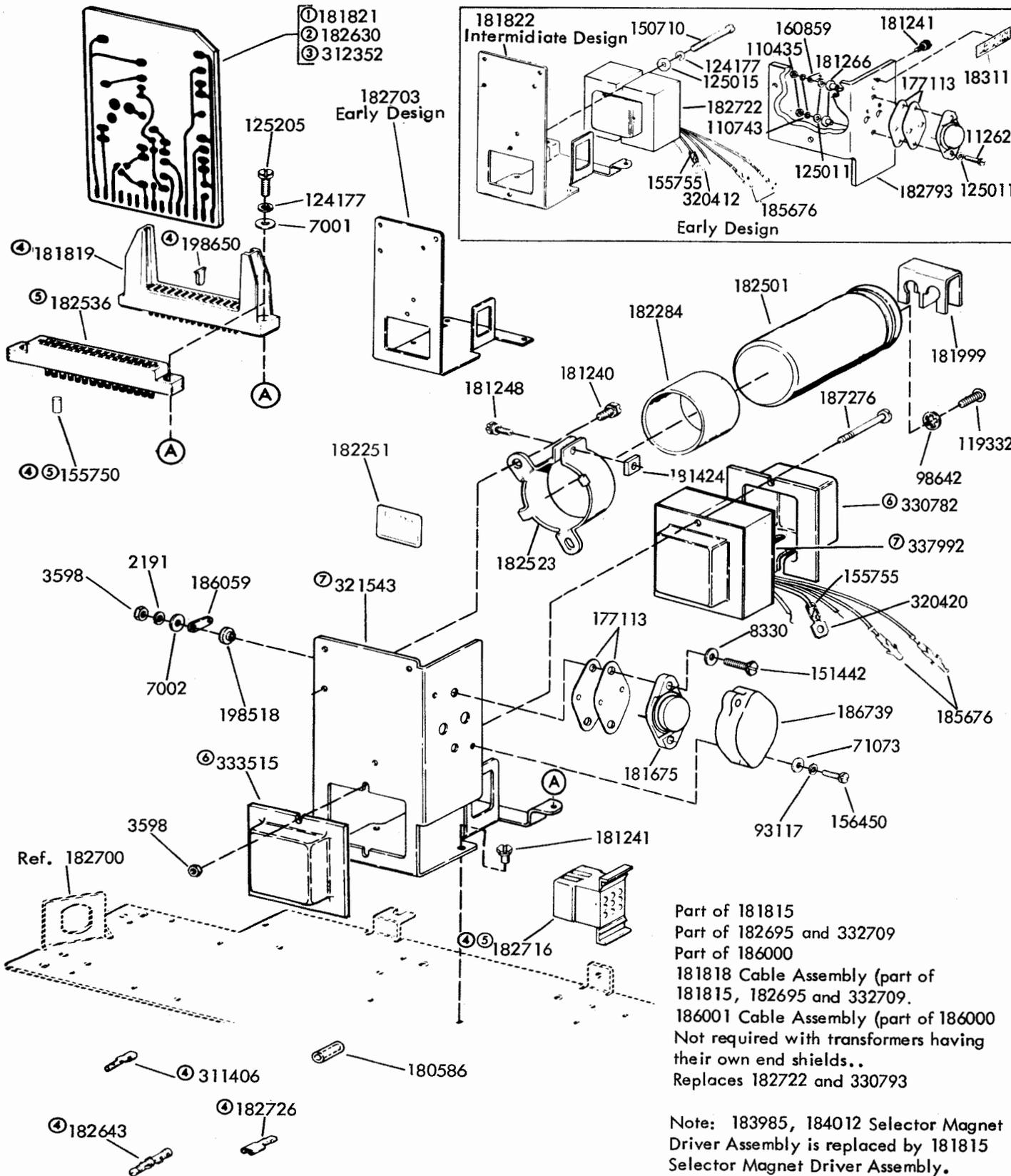


Fig. 12 - 181815, 182695, 186000 and 332709 Selector Magnet Driver Assemblies

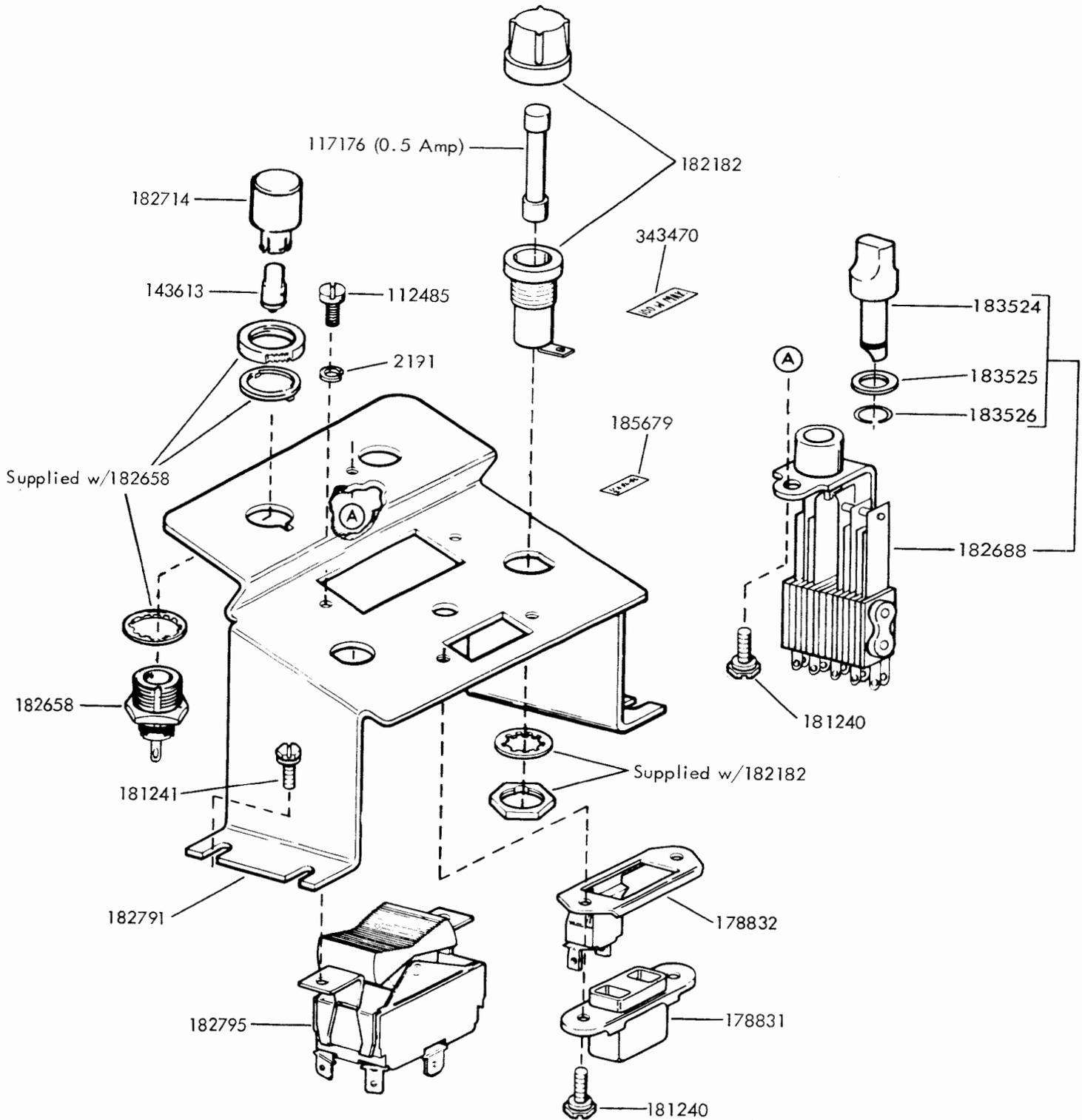


Fig. 13 - Receive-Only Bracket Components

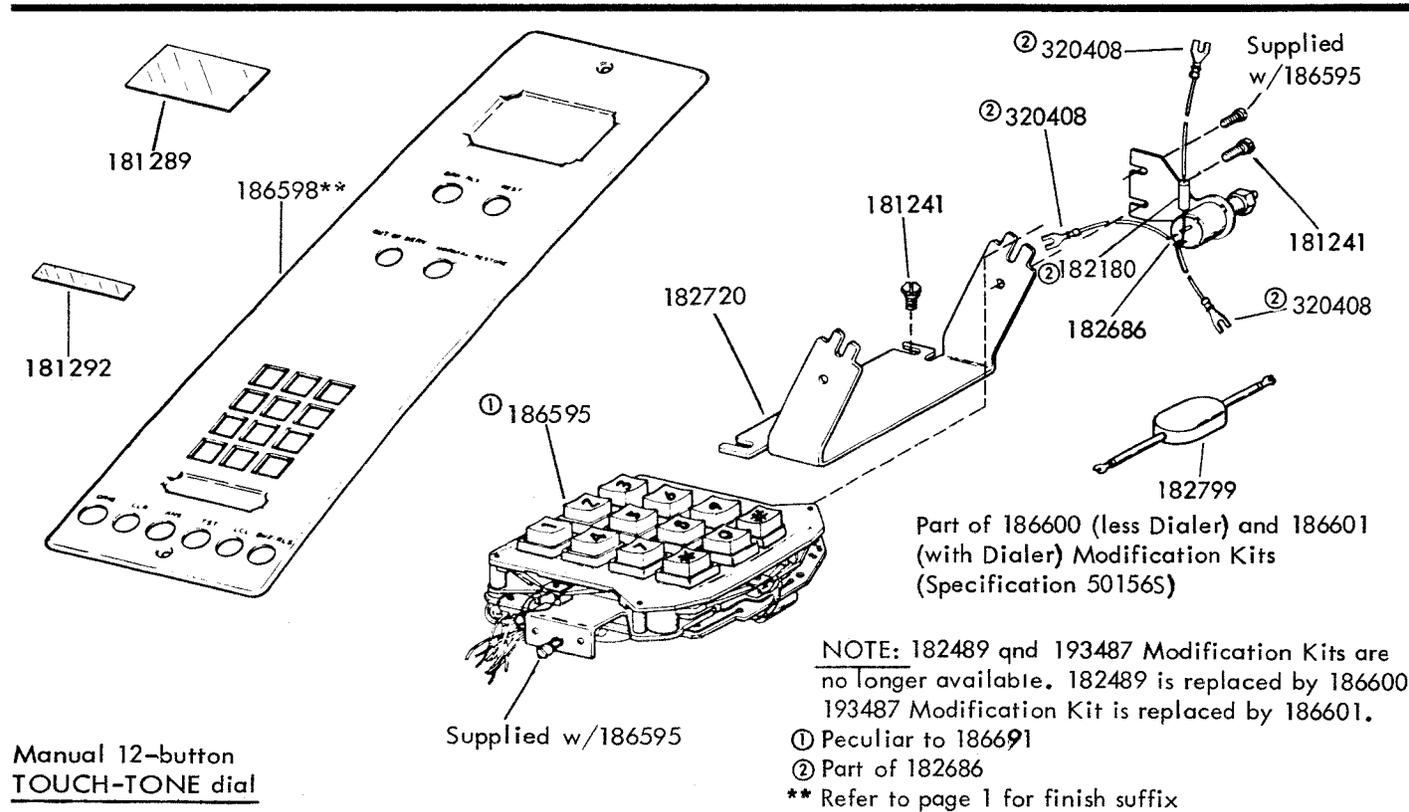
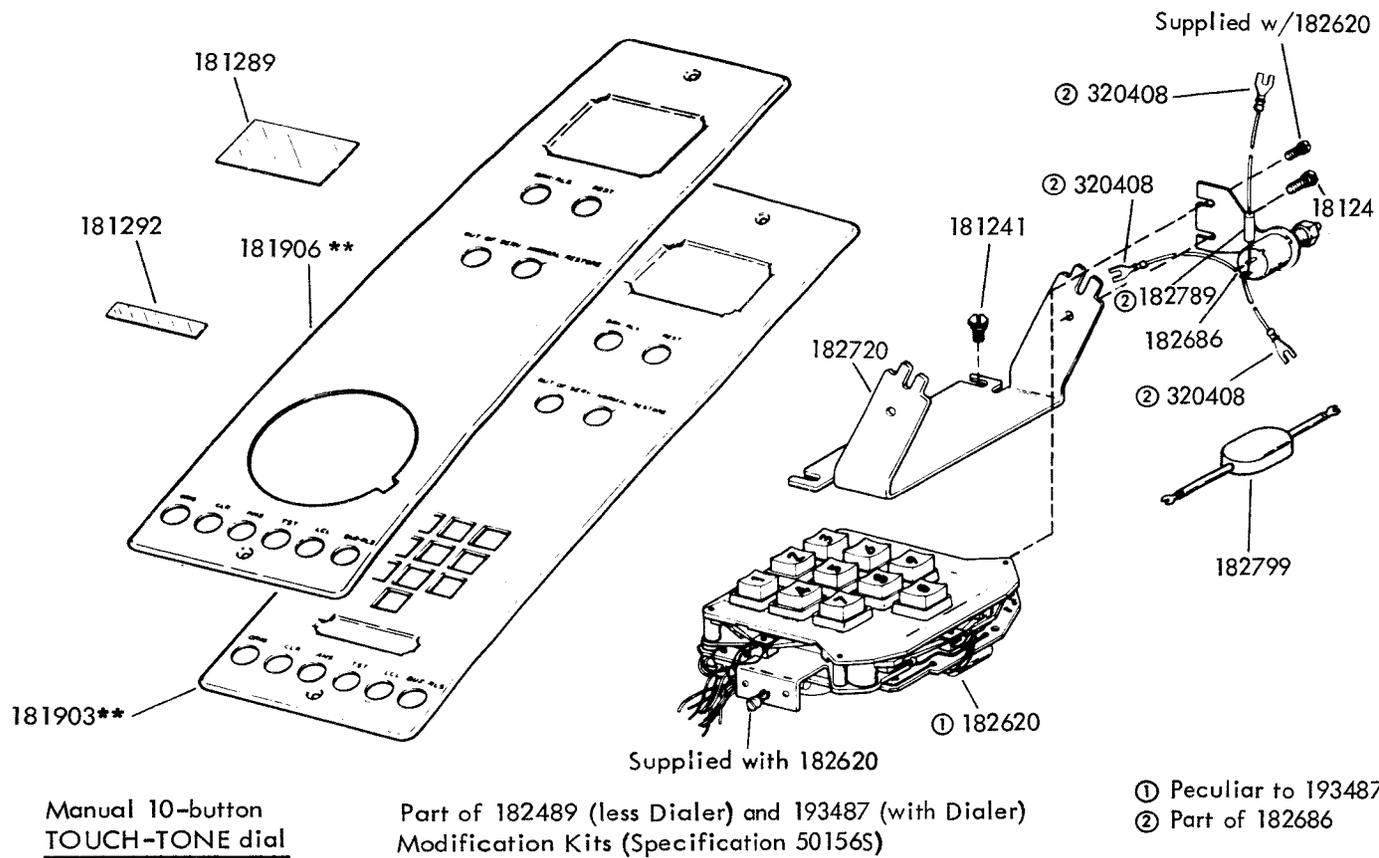


Fig. 14 - 182489, 193487, 186600 and 186601 Dial Modifications

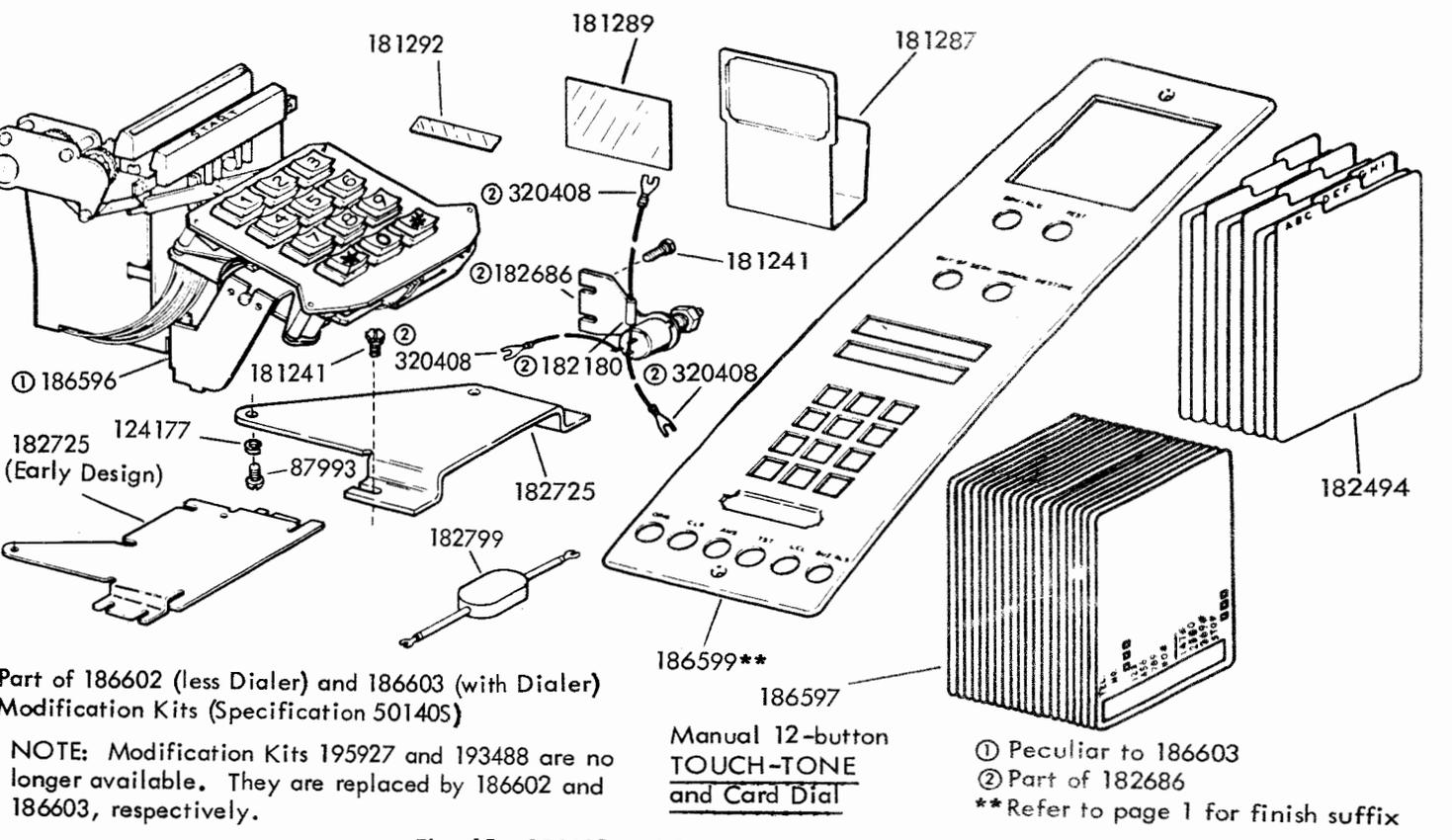
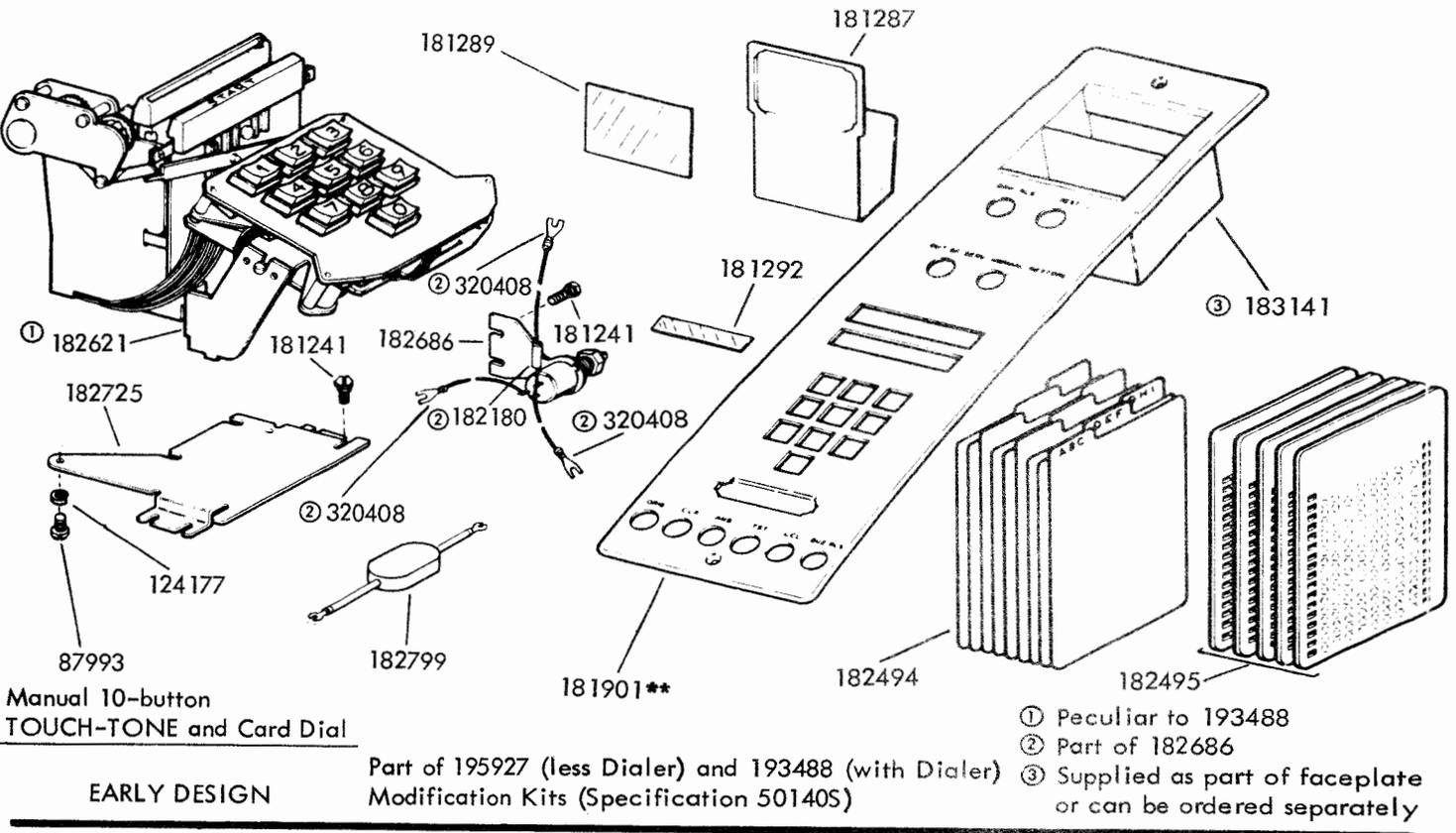


Fig. 15 - 186602 and 186603 Dial Modifications

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

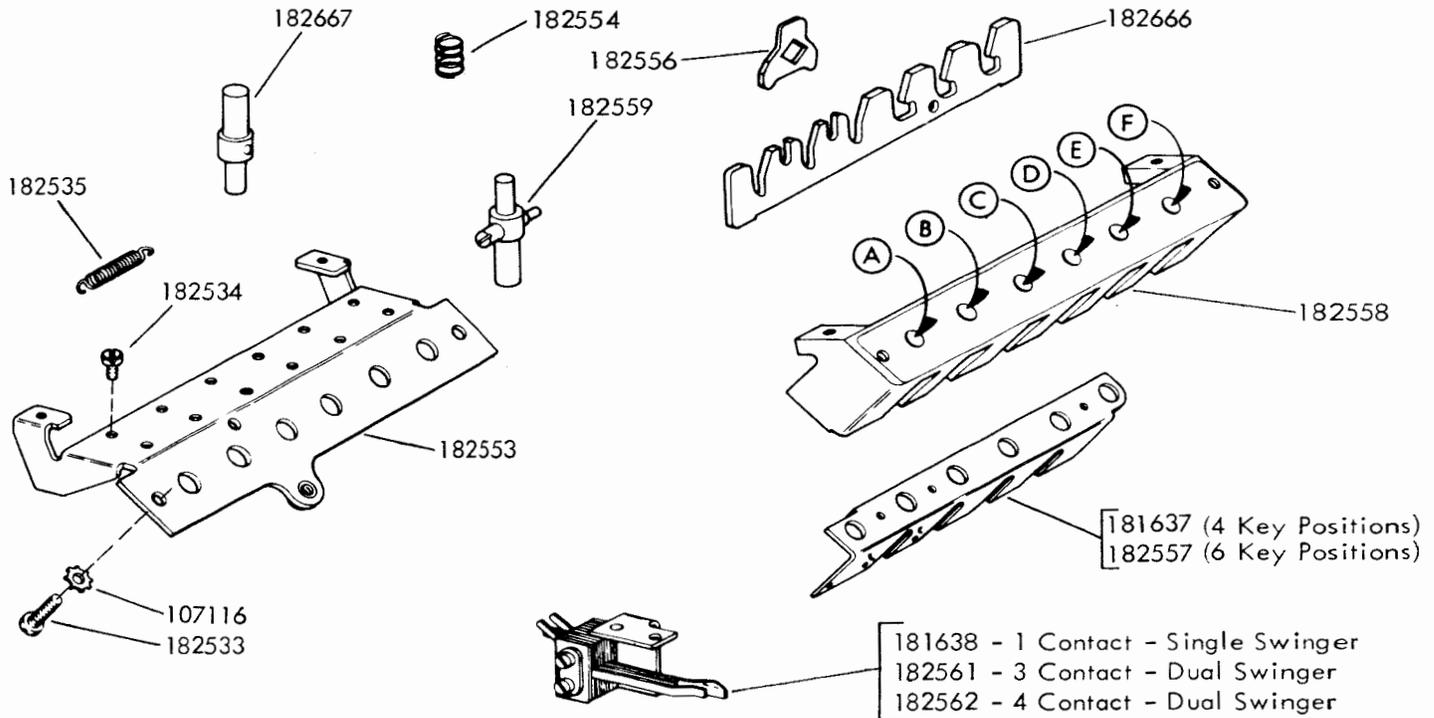


Fig. 17 - Key Assemblies

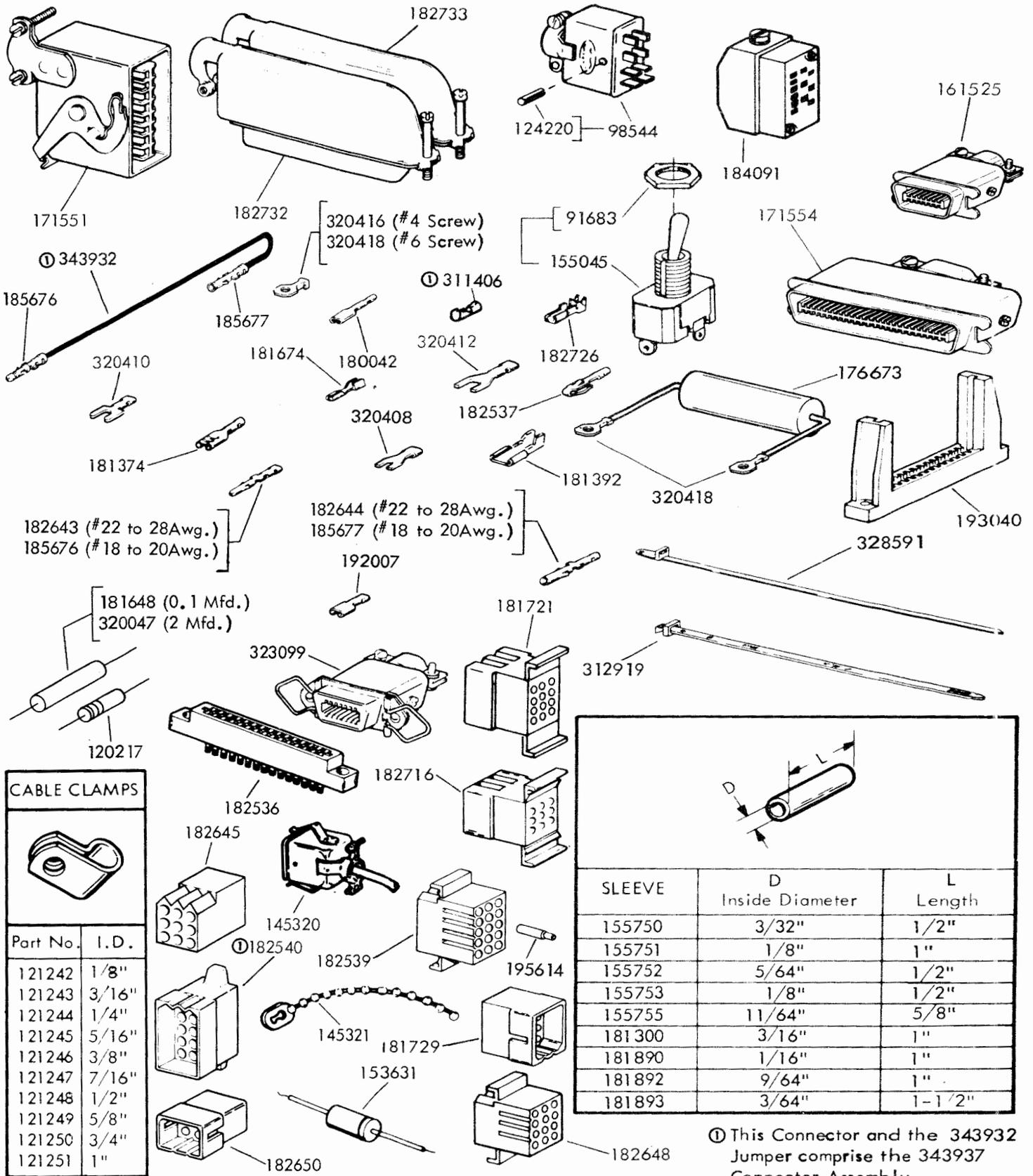
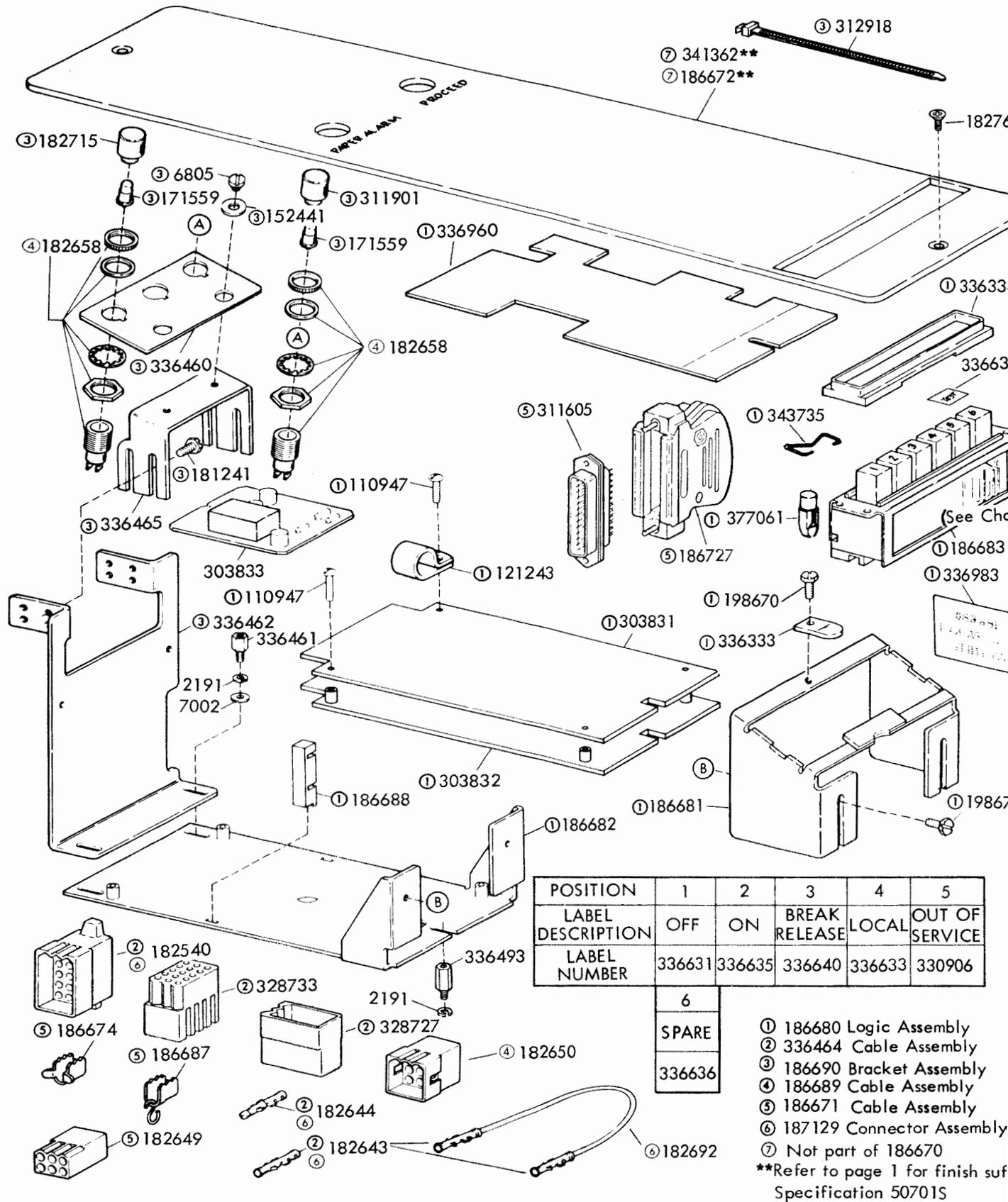


Fig. 18 - Cable Components, Power Cord and Jumpers (Cont)



POSITION	1	2	3	4	5
LABEL DESCRIPTION	OFF	ON	BREAK RELEASE	LOCAL	OUT OF SERVICE
LABEL NUMBER	336631	336635	336640	336633	330906

6
SPARE
336636

- ① 186680 Logic Assembly
 - ② 336464 Cable Assembly
 - ③ 186690 Bracket Assembly
 - ④ 186689 Cable Assembly
 - ⑤ 186671 Cable Assembly
 - ⑥ 187129 Connector Assembly
 - ⑦ Not part of 186670
- **Refer to page 1 for finish surface Specification 50701S

Fig. 19 - 186670 Modification Kit To Provide Private Line

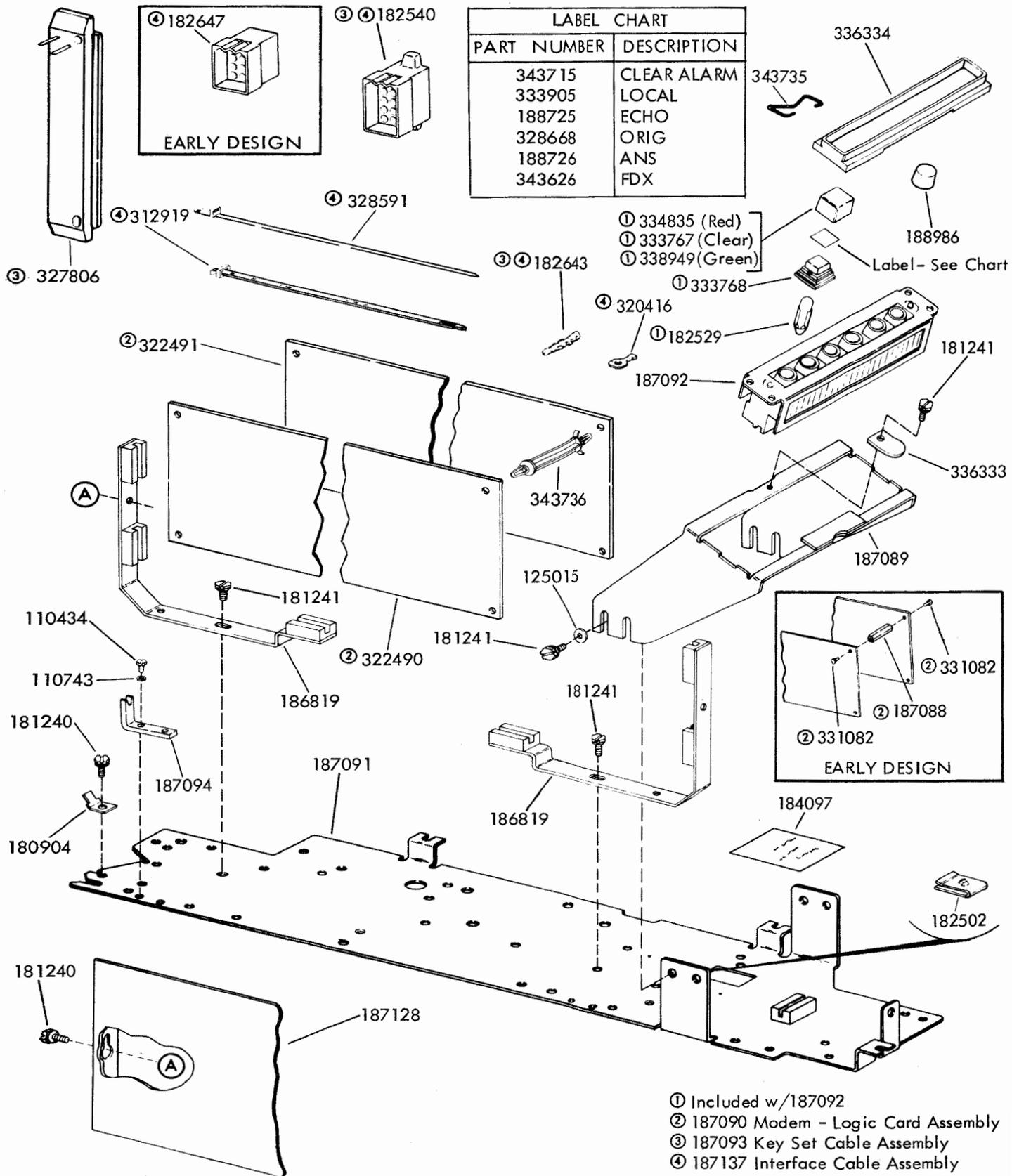
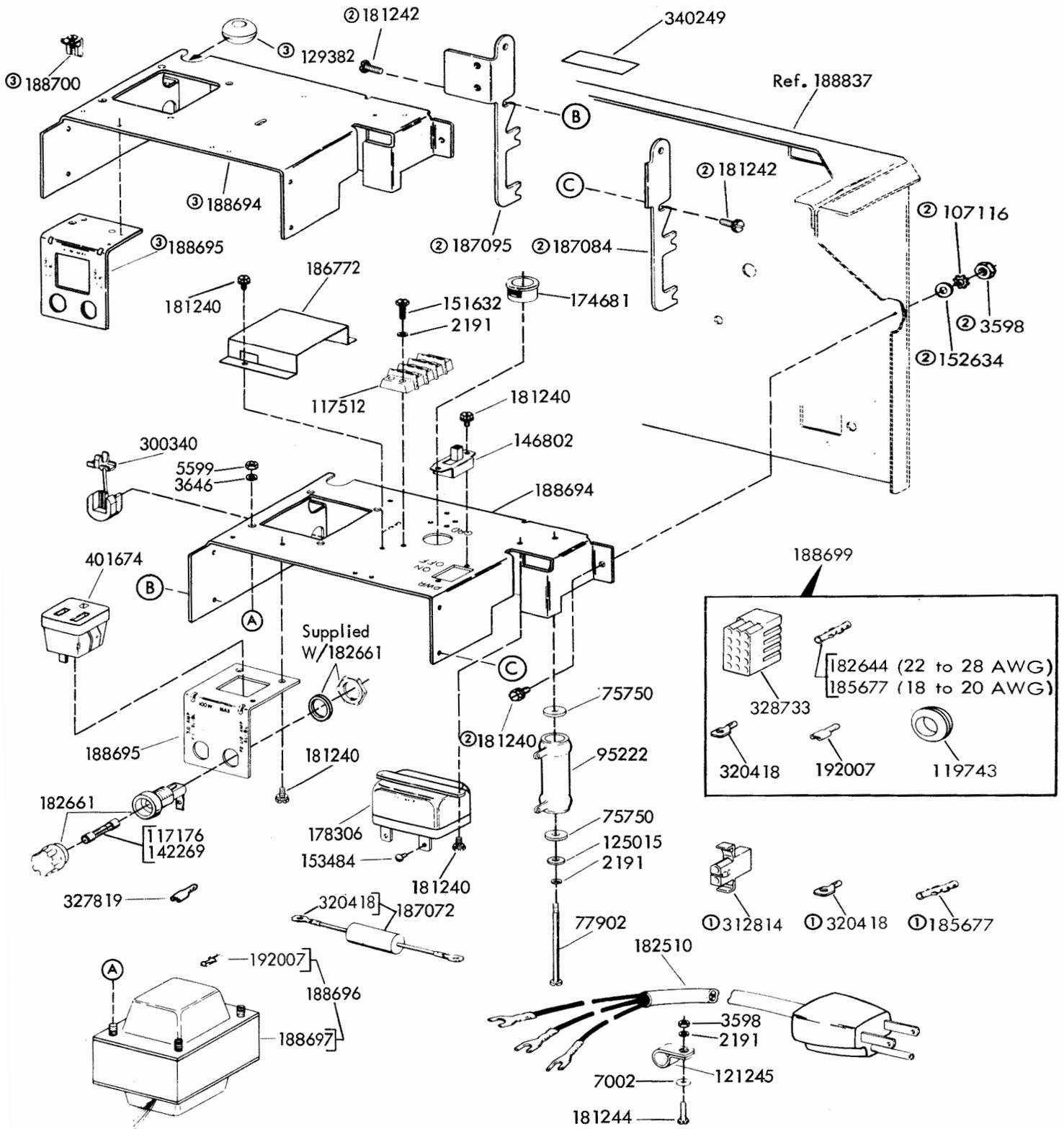


Fig. 21 - Call Control w/Modem-Logic Cards



- ① 188861 Cable Assembly
- ② Not Part of 188865
- ③ Used on Early Design Units

Fig. 22 - 188865 Power Supply Assembly

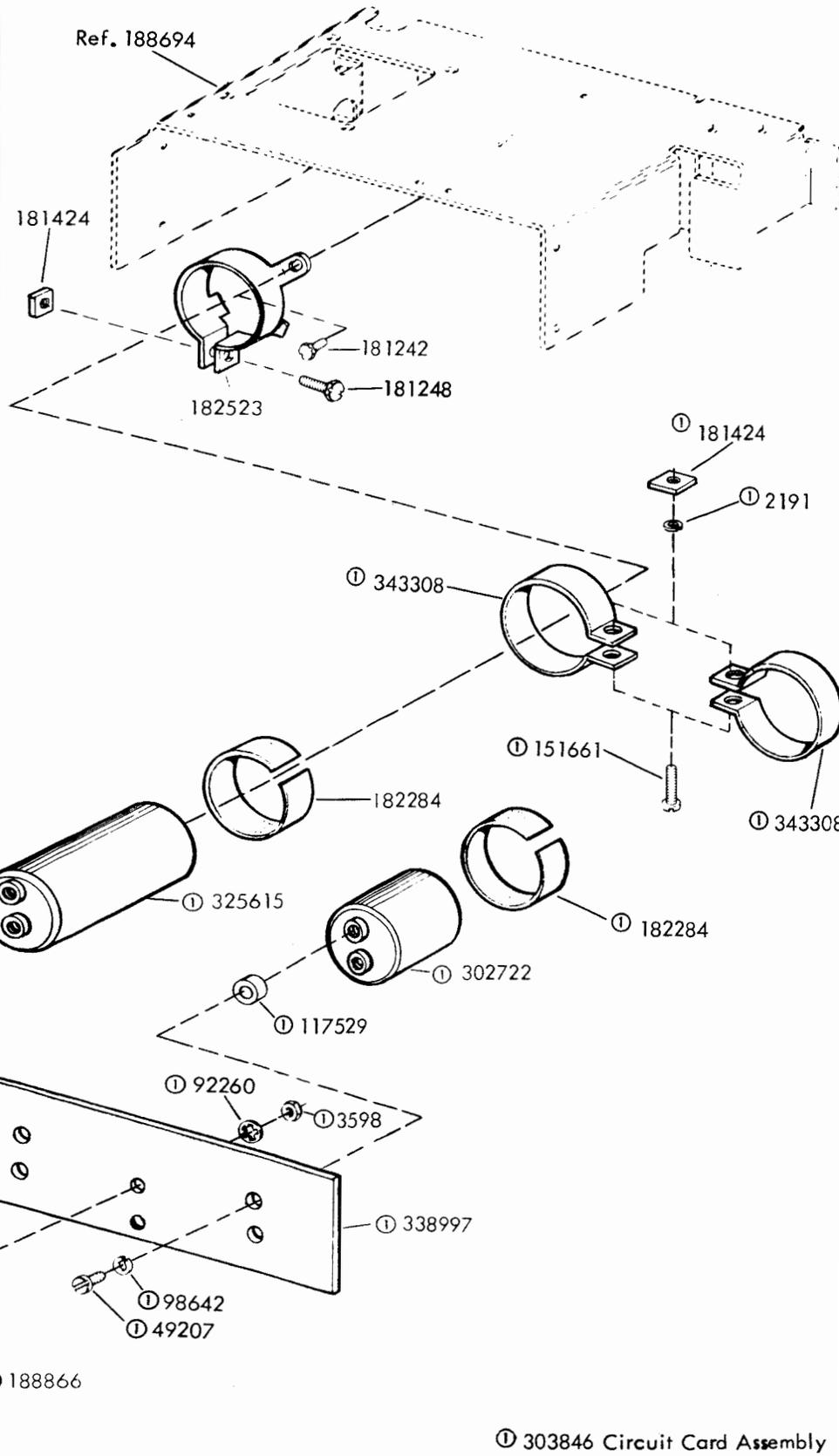
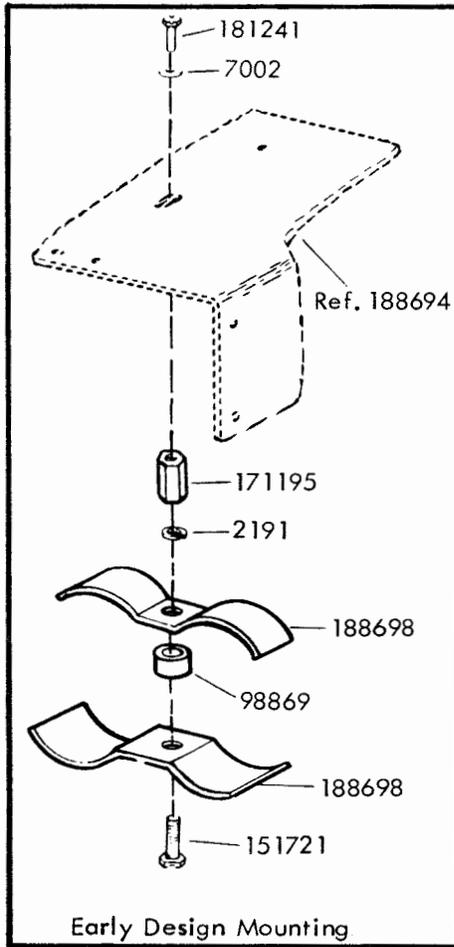


Fig. 22 - 188865 Power Supply Assembly (Cont)

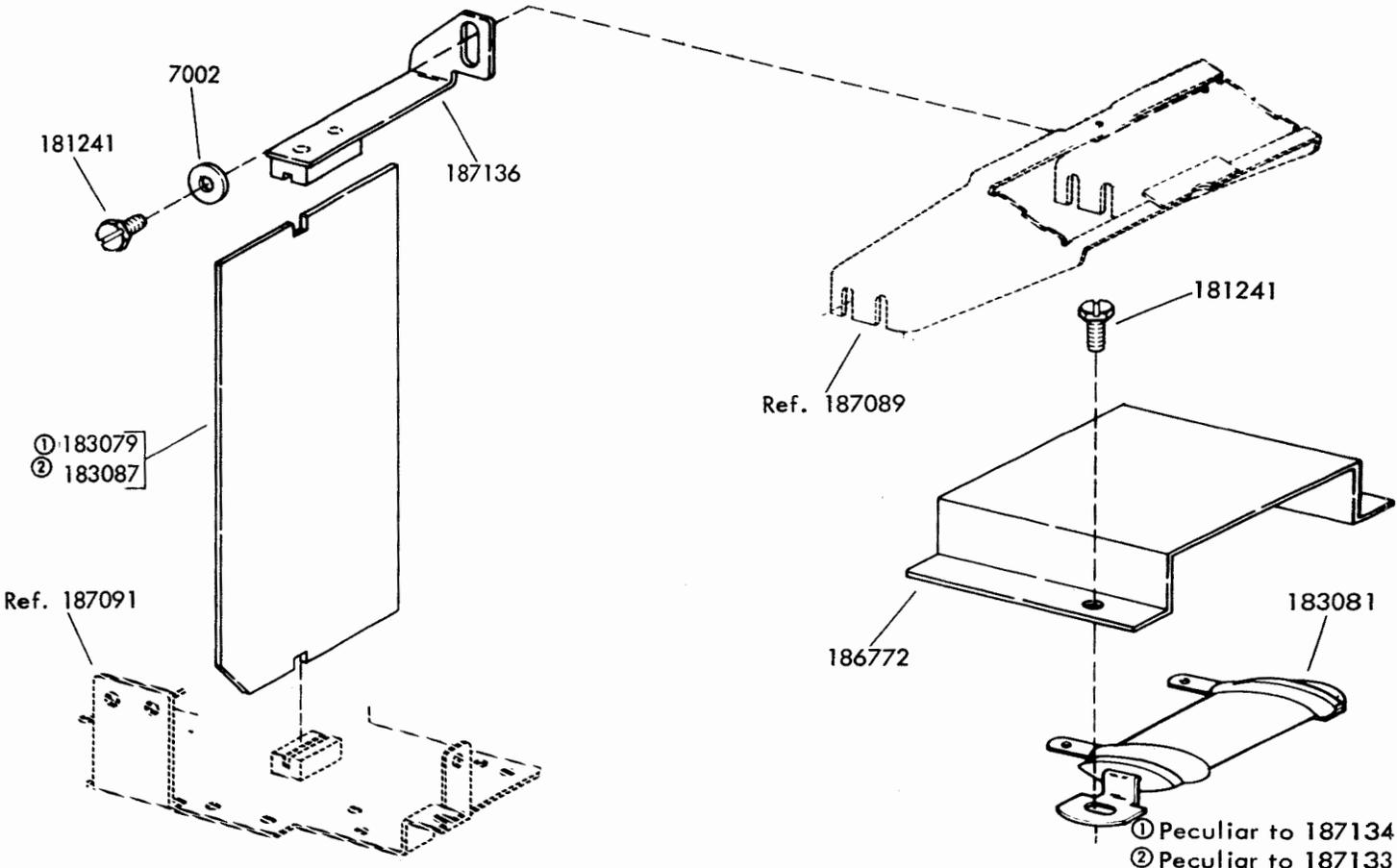


Fig. 23 - 187133 (Manual) and 187134 (Automatic) Reader Card Set of Parts

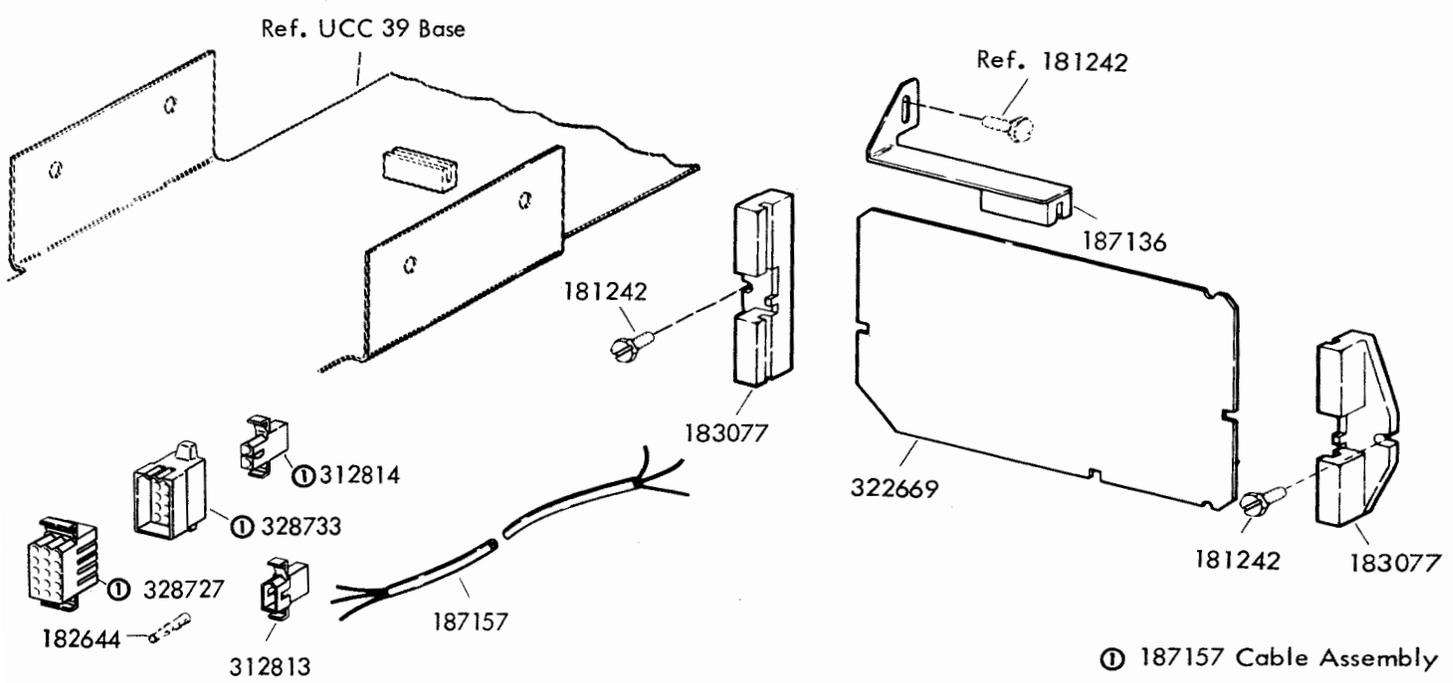


Fig. 24 - 187156 Modification Kit To Add 20/60 MA DC Interface

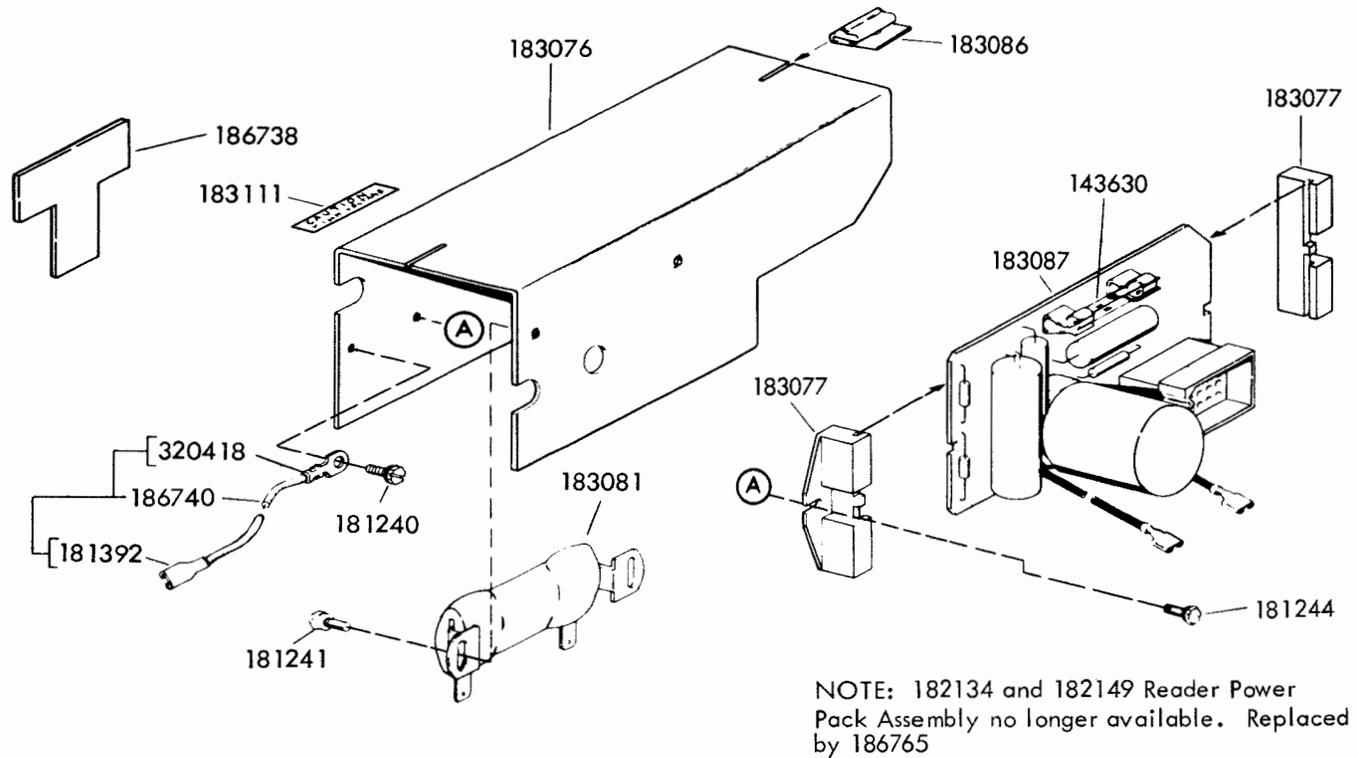


Fig. 25 - 182134 and 182149 Reader Power Pack Assembly

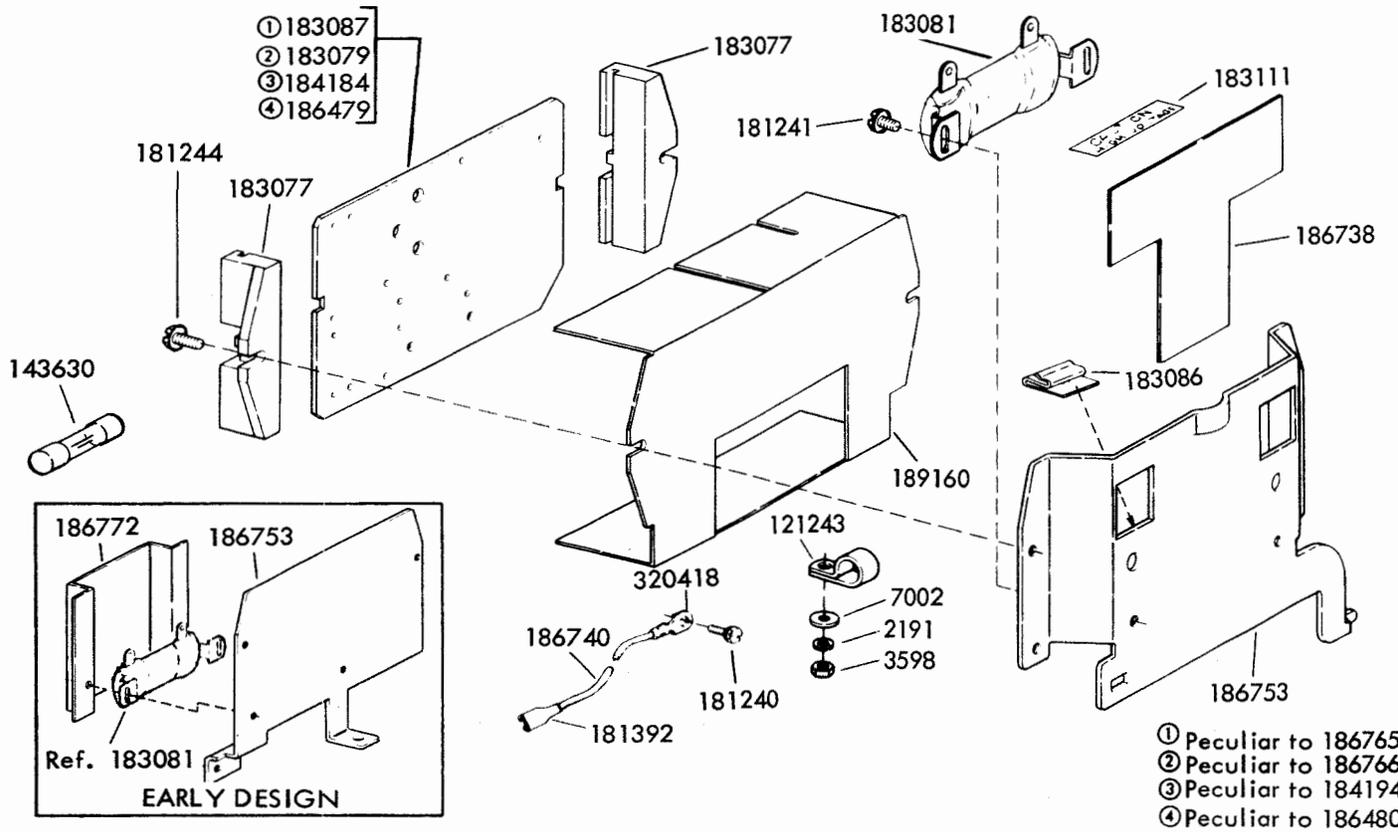


Fig. 26 - 186765 (Manual), 186766 (Automatic), 184194 and 186480 Power Pack Assemblies

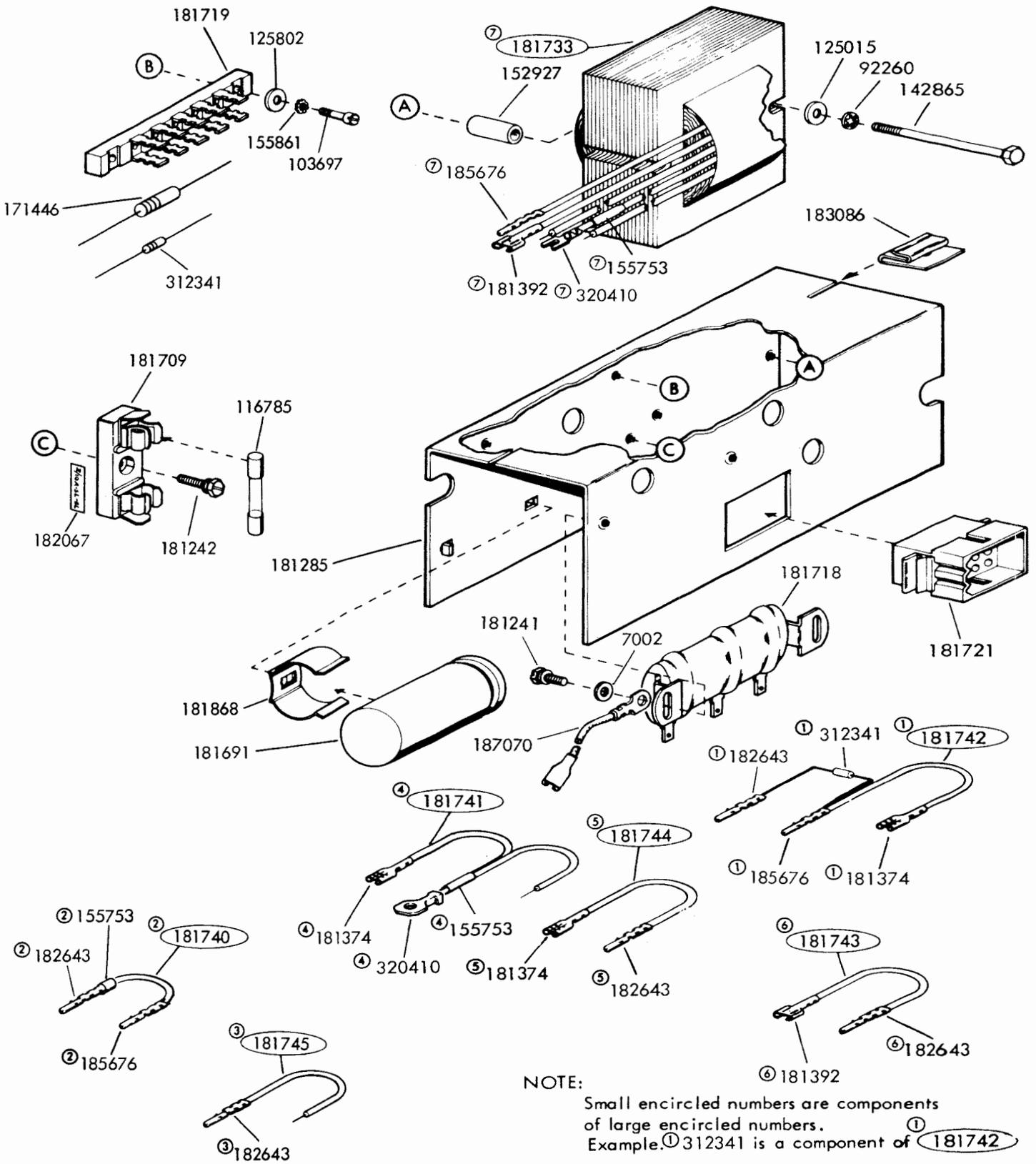


Fig. 27 - 181720 Power Pack Assembly

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 17	110743	Lockwasher 2,3,5 to 8,14	143613	Lamp, 14V Incandescent 2, 17,19
1018	Screw, 3-48 x 5/16 Fil 4		17,18,22,27,28		
1028	Screw, 4-40 x 1/4 Fil 3	110947	Screw, 6-32 x 13/16 Rd 26	143630	Fuse, .75 Amp 32
1207	Screw, 4-36 x 5/16 Flat 17	111017	Screw, 6-40 x 5/16 Fil 3, 5 to 11,14,27	144590	Screw, 6-40 x 1-3/8 Fil 4
2191	Lockwasher 2 to 5, 7, 10 to 14,16,18,19,26,30,32	111647	Resistor, 1,000 Ohms 3	145046	Connector, 3 Pt Plug 24
2846	Washer, Flat 12	112485	Screw, 6-32 x 1/4 Fil 2,19	145047	Connector, 3 Pt Receptacle 24
3598	Nut, 6-40 Hex 4 to 6, 9 to 11,14,18,29,30,32	112620	Screw, 4-40 x 1/2 Hex 3,18	145320	Connector, 4 Pt Receptacle 25
3606	Nut, 6-40 Hex 4,13	113442	Jumper, 2-1/2" Brown 24		
3640	Lockwasher 12,17	115594	Nut, Speed 17	145321	Tie, Cable 25
3646	Lockwasher 10,29	116785	Fuse, .3 Amp 33	146802	Switch SP-ST Slide 29
3649	Washer, Flat 4,6,7	117176	Fuse, SL-BL 0.5 Amp 2,6,9, 19,27,29	147209	Switch, SP-ST Pushbutton 7
5599	Nut, 8-32 Hex 10,29	117512	Block, Terminal 29	148157	Knob, Gray 7
5740	Screw, 2-56 x 1/4 Fil 27	117529	Spacer, .281" Thk 30	150710	Screw, 6-40 x 1-1/4 Fil 10, 18
6347	Screw, 6-32 x 3/8 Rd 15	119332	Screw, 10-32 x 1/4 Rd 4,8, 18,17	150966	Insulator, Terminal 3
6805	Screw, 6-40 Shoulder 16, 17,26	119743	Grommet, Rubber 29	150978	Screw, 6-40 x 1-1/8 Fil 4
7001	Washer, Flat 13,18	120167	Fuse, SL-BL 3.2 Amp 6,7,9, 14	150982	Screw, 4-40 x 7/16 Fil 3
7002	Washer, Flat 2 to 14, 16,18, 22,26,27,29 to 33	120217	Resistor, 1200 Ohm 25	151073	Screw, 4-40 x 5/32 Fil 22
8330	Washer, Flat 6,7,10,11,14,18 27	121242	Clamp, 1/8 ID Cable 25	151152	Screw, 4-40 x 3/16 Hex 17
42823	Washer, Flat 5,6,14	121243	Clamp, 3/16 ID Cable 25, 26,32	151335	Stud 3,5,6,7,9,10,11,14,27
49054	Screw, 2-56 x 3/16 Flat 12	121244	Clamp, 1/4 ID Cable 15,25	151411	Block, Terminal 5 to 7, 9 to 11, 14,27
49207	Screw, 10-32 x 9/16 Rd 30	121245	Clamp, 4/16 ID Cable 7,8, 10,25,27,29	151412	Insulator Terminal 5 to 7,9 to 11,14,27
70072	Lockwasher 4		Clamp, 3/8 ID Cable 25	151415	Block, Terminal 3,27
71073	Washer, Flat 18,27	121246	Clamp, 7/16 ID 25	151416	Nut, 6-40 Hex 3,5,6,7,9 to 11,14,27
72254	Washer, Flat 7	121247	Clamp, 1/2 ID Cable 25	151442	Screw, 6-40 x 1/2 Hex 4,10, 12,14,18
75750	Washer, Insulating 3,29	121248	Clamp, 5/8 ID Cable 25		
77362	Resistor, 350 Ohm 3	121249	Clamp, 3/4 ID Cable 25	151610	Washer, Flat 12
77902	Screw, 6-40 x 2-3/8 RD 3, 29	121250	Clamp, 1 ID Cable 25	151618	Screw, 6-40 x 7/16 Fil 14, 30
87993	Screw, 6-40 x 5/32 Fil 21	121251	Screw, 8-32 x 1/4 Hex 2,3, 8,10,11,27	151630	Screw, 6-40 x 1/4 Hex 2
90787	Screw, 4-40 x 3/8 Hex 2	121551	Lockwasher 4,6,7,8,18,21, 22	151632	Screw, 6-40 x 2/8 Hex 29
91683	Nut, 15/32-32 Hex 25	124177	Pin, Drive 25	151657	Screw, 6-40 x 1/4 Fil 7
91742	Locknut 24	124220	Washer, Flat 2,3,17,18	151660	Screw, 6-40 x 7/8 Fil 6,7,13
91943	Jumper, 2-1/4" Black 24	125011	Washer, Flat 3,4,6 to 10, 18, 27 to 29,33	151661	Screw, 6-40 x 1 Fil 30
92260	Lockwasher 2,14,30,33	125015	Screw, 6-40 x 7/16 Fil 18	151685	Screw, 4-40 x 5/16 Fil 15
93117	Lockwasher 18	125205	Screw, 6-32 x 5/8 Fil 24	151687	Screw, 4-40 x 7/16 Fil 12
93118	Lockwasher 27	125206	Washer, Flat 33	151692	Screw, 6-40 x 3/16 Fil 7,8, 11,27
95222	Resistor, 40 Ohm 19	125802	Grommet, Rubber 29	151693	Screw, 6-40 x 9/16 Fil 4
96717	Screw, 4-40 Shoulder 2	129382	Fuse, SL-BL 2 Amp 9,14	151721	Screw, 6-40 x 3/4 Hex 30
98544	Connector, 8 Pt Plug 25	138538	Fuse, SL-BL 3 Amp 9 to 11 27,29	151731	Screw, 4-40 x 7/8 Fil 5,6,14
98642	Lockwasher 4,8,18,27,30	142269	Jumper, 5" Slate 24	151734	Screw, 4-40 x 3/8 Hex 17
98726	Screw, 3-48 x 1/4 Fil 4	142291	Screw, 6-40 x 2-1/32 Hex 33	151738	Screw, Spl 7,8,27
98869	Spacer 30	142865	Jack, Black 7	151818	Jumper, 4-1/4" Black 24
103092	Connector, Cord 24	143311	Jack, Red 7	151819	Jumper, 3" Black 24
103469	Screw, 4-40 Spl 12	143312		151827	Strap, Terminal 5,7,14,27
103697	Screw, 4-40 x 7/16 Fil 33			152441	Washer, Flat 16,17,26
107116	Lockwasher 4,23,29			152634	Washer, Flat 17,29
110434	Screw, 4-40 x 3/16 Fil 28				
110435	Nut, 4-40 Hex 18				

NUMERICAL INDEX (Continued)

Part Number	Description and Page Number	Part Number	Description and Page Number	Part Number	Description and Page Number
152761	Stud 7	180877	Jumper, 2-3/4" White-Red 24	181244	Screw w/Lockwasher, 6-40 x 7/16 Hex 29,32
152893	Screw, 4-40 x 1/4 Hex 2,3	180878	Jumper, 2-3/4" White-Orange 24	181245	Screw w/Lockwasher, 6-40 x 3/8 Hex 10
152927	Bushing 33	180879	Jumper, 2-3/4" White-Yellow 24	181248	Screw w/Lockwasher, 6-40 x 7/8 Hex 8,18,27,30
153484	Screw, 6-32 Spl 3,14,29	180880	Jumper, 2-3/4" White-Green 24	181263	Timer, Hour 6
153631	Network, Spark Suppression 5,14,24,25	180881	Jumper, 2-3/4" White-Blue 24	181264	Bracket 6,14
153799	Screw, 4-40 x 21/64 Hex 3	180882	Jumper, 2-3/4" White-Black 24	181265	Timer w/Terminals 6
154173	Plate 17	180884	Jumper, 2-3/4" White-Slate 24	181266	Bushing, Insulating 18
155045	Switch, SP-DT Toggle 25	180886	Jumper, 2-1/2" Green 24	181276	Nameplate 6,14
155750	Sleeve, 3/32 ID x 1/2" Lg Insulating 12,18,25	180887	Jumper, 2-1/2" Red 24	181281	Bracket, Right 22
155751	Sleeve, 1/8 ID x 1" Lg Insulating 12,25	180888	Jumper, 2-1/2" Blue 24	181282	Bracket, Left 22
155752	Sleeve, 5/64 ID x 1/2" Lg Insulating 25,33	180889	Jumper, 2-1/2" Yellow 24	181283	Spacer, .065" Thk 3,22
155753	Sleeve, 1/8 ID x 1/2" Lg Insulating 25,33	180890	Jumper, 2-1/2" White 24	181285	Cover, Mounting 33
155755	Sleeve, 11/64 ID x 5/8" Lg Insulating 12,18,25	180893	Jumper, 2-1/2" Red-Orange 24	181287	Holder, Card 21,22
155861	Lockwasher 33	180894	Jumper, 2-1/2" White-Blue 24	181289	Window, Plastic 20 to 22
156450	Screw, 2-56 x 1/2 Fil 18	180895	Jumper, 2-1/2" White-Green 24	181292	Window, Plastic 20,21
156880	Jumper, 2-3/8" Balck 15	180896	Jumper, 2-1/2" White-Yellow 24	181297	Cover, Insulating 5,6,9,10, 11
159404	Post 12	180897	Jumper, 2-1/2" White-Orange 24	181300	Sleeve, 3/16 ID x 1" Lg Insulating 25
159597	Washer, Flat 2	180898	Jumper, 2-1/2" White-Red 24	181374	Terminal, Tab Type 22,25, 33
159931	Clamp 6,8	180899	Jumper, 2-1/2" White-Purple 24	181392	Terminal, Tab Type 7,11,25 32,33
159932	Keeper 6,8	180900	Jumper, 2-1/2" Orange 24	181424	Nut, 6-40 Sq 8,10,18,27,30
160859	Terminal 4,10,18	180902	Jumper, 3-1/2" Braided 24	181631	Strip Assembly, Lamp 2
161525	Connector, 14 Pt Plug 25	180904	Tab, Terminal 5,6,7,9,10, 13,27,28	181632	Button Assembly 2
162360	Fuse, SL-BL .8 Amp 6,10,14	181106	Plate, Baffle 17	181637	Bracket 23
165168	Key 12	181107	Bracket 17	181638	Contact Assembly 23
171195	Post 30	181196	Ring, Retainer 8	181645	Dial, Rotary 2
171441	Resistor, 560 Ohm 12	181204	Washer, Flat 12	181648	Capacitor, .1 MFD 25
171446	Resistor, 120 Ohm 33	181240	Screw w/Lockwasher, 6-40 x 3/16 Hex 2,6,11,14,16, 18,19,22,27,28,29	181661	Buzzer, 115V AC 2
171536	Resistor, 2,250 Ohm 5	181241	Screw w/Lockwasher,6-40 x 1/4 Hex 2 to 14,17,21,22, 26 to 33	181672	Relay, Power 4
171541	Diode 27	181242	Screw w/Lockwasher, 6-40 x 5/16 Hex 7 to 12,27,29 to 33	181674	Terminal, Tab Type 25
171551	Connector, 16 Pt Plug 25	181243	Screw w/Lockwasher, 6-40 x 3/8 Hex 6,16	181675	Transistor, Power 4,10,14, 18
171554	Connector, 50 Pt Plug 25			181691	Capacitor, 150 MFD 33
171559	Lamp, 28V Incandescent 7, 12,16,26			181709	Holder, Fuse 33
171593	Fuse, .5 Amp 9			181718	Resistor, 2,000-10,000 Ohm 33
174681	Bushing, Snap 29			181719	Strip, Terminal 33
176673	Suppressor, Spark 27			181720	Power Supply 1,33
177113	Insulator 4,10,14,18			181721	Connector, 12 Pt Plug Type 25,33
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