

33 CALL CONTROL UNIT (UCC)

PARTS

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Unit Description	Bell System Code
Call Control	UCC3
	UCC4
	UCC6
	UCC21
	UCC22
	UCC25
	UCC29
	UCC32
	UCC43

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

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

The part identification information contained in the following change notices have been incorporated in this issue.

TCN	#1807
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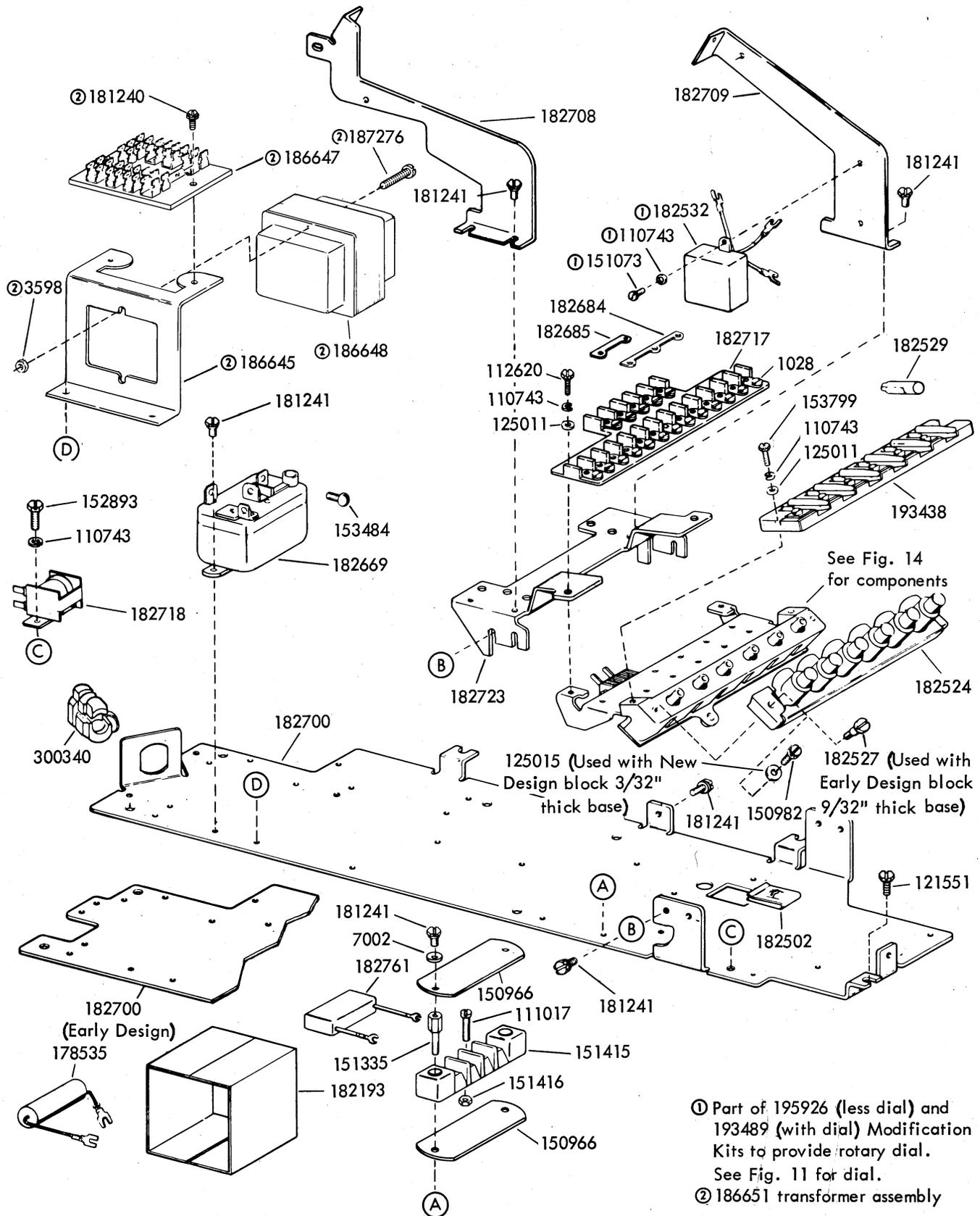


Fig. 1-Baseplate Components

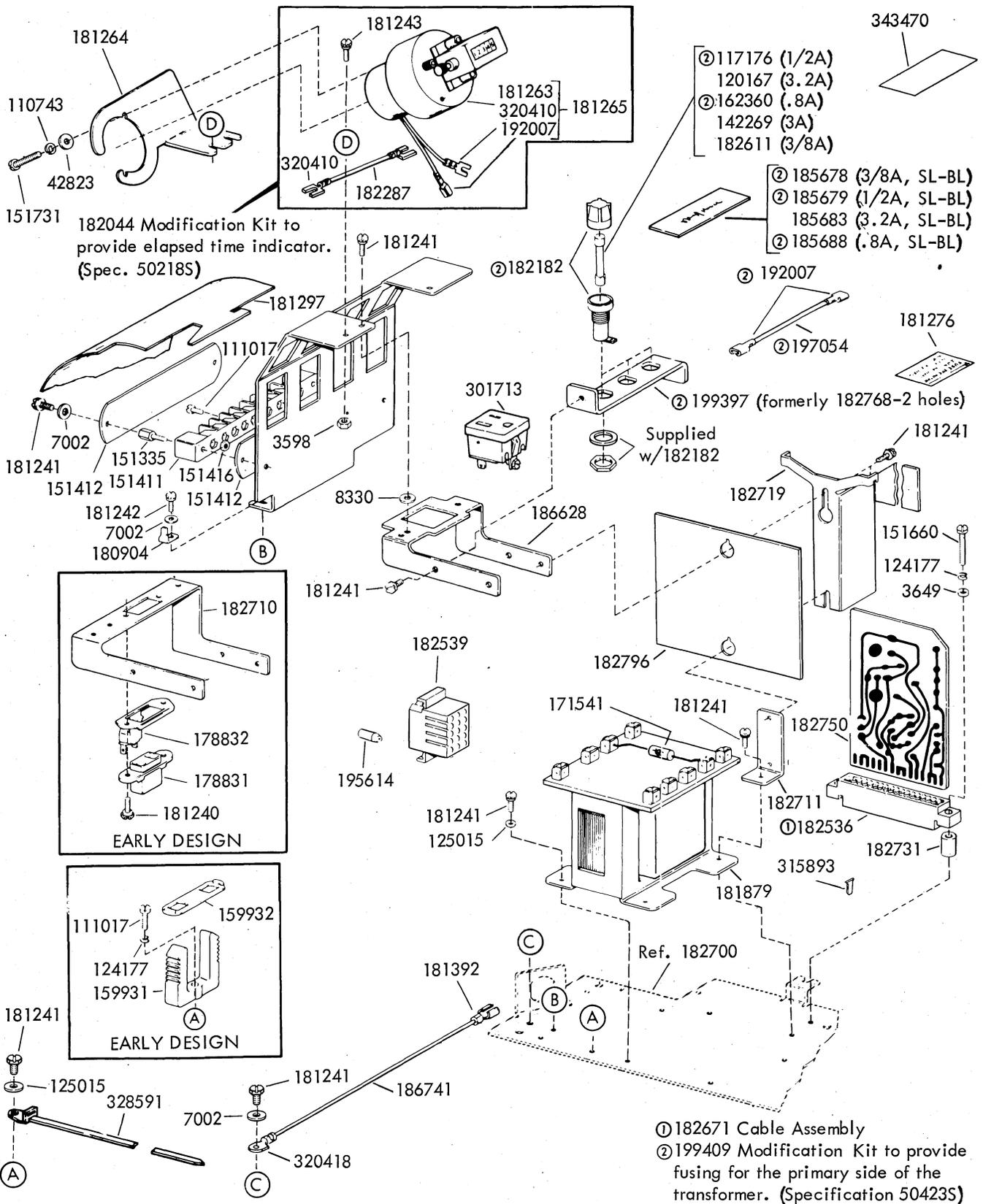


Fig. 1-Baseplate Components (Cont)

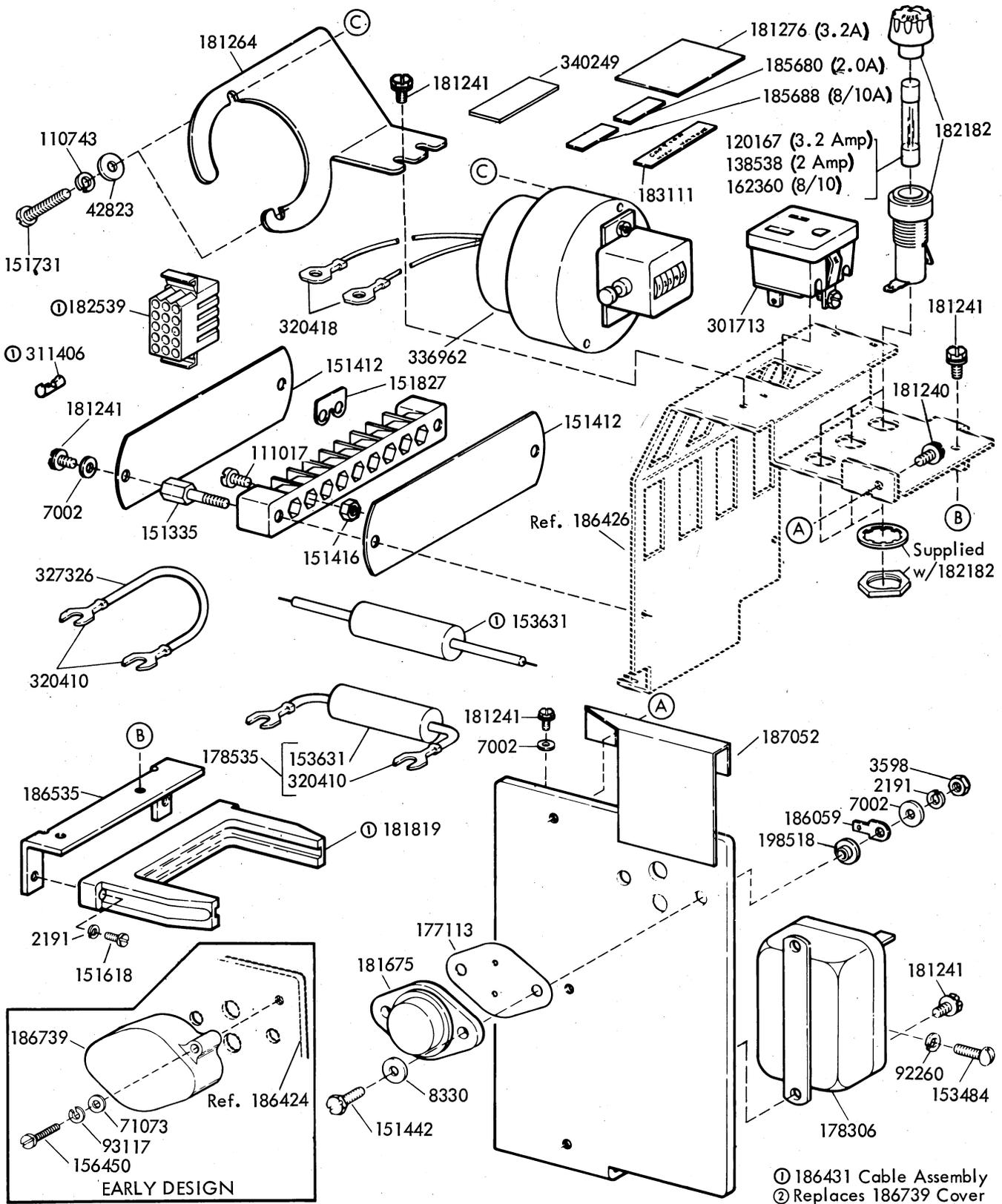


Fig. 2—Baseplate and Electrical Components

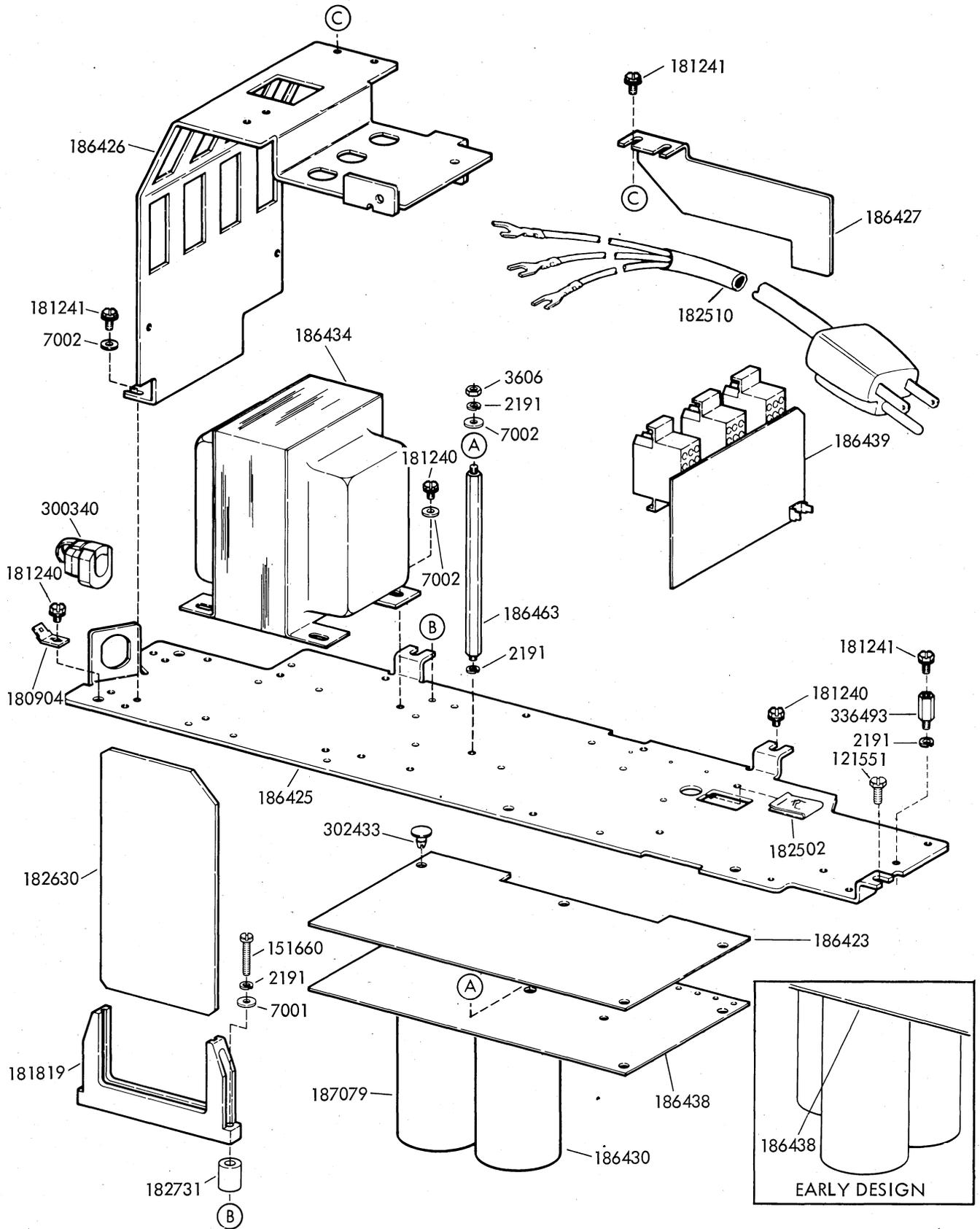


Fig. 2—Baseplate and Electrical Components (Cont)

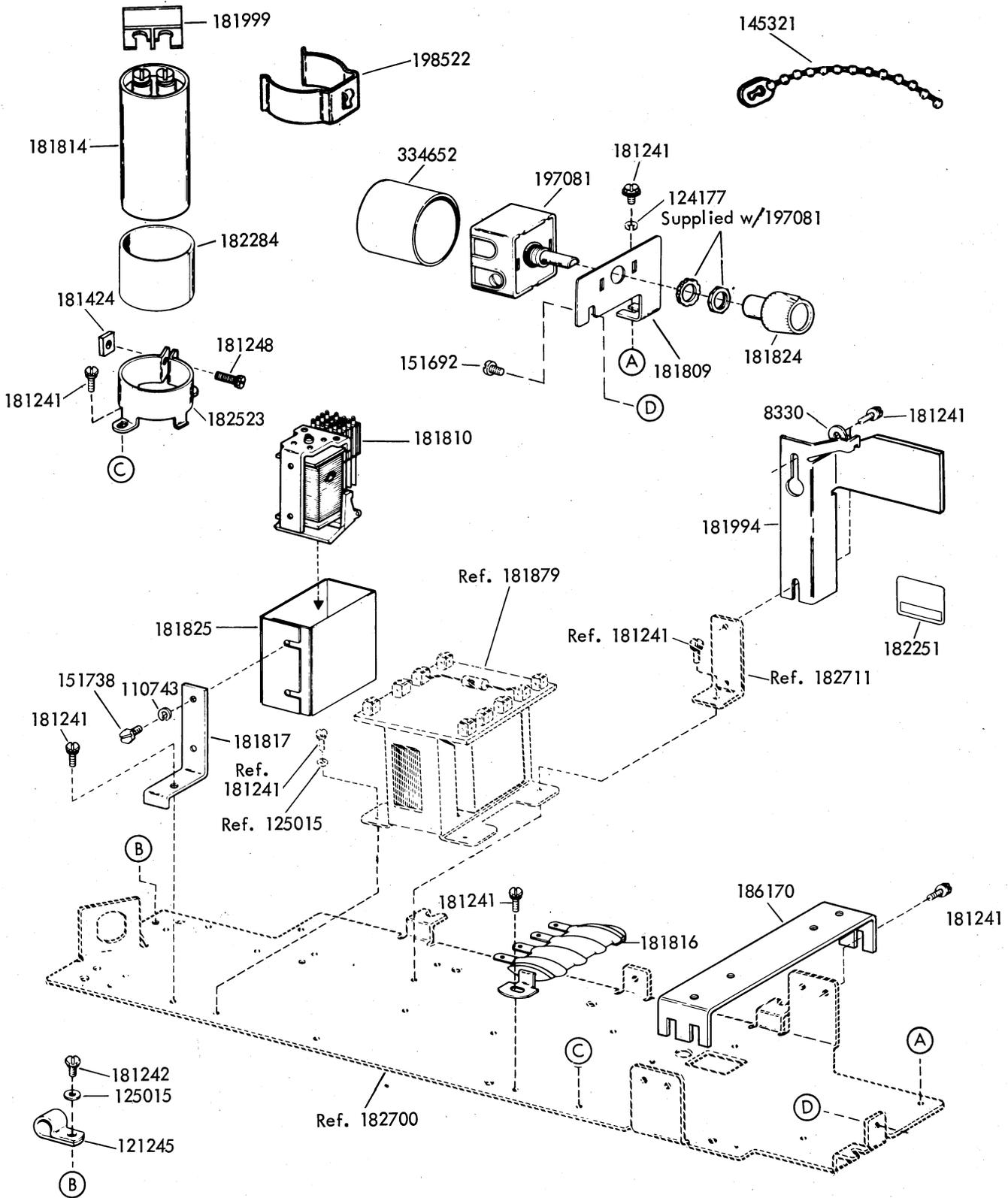


Fig. 3—Components for DC Signal Private Line

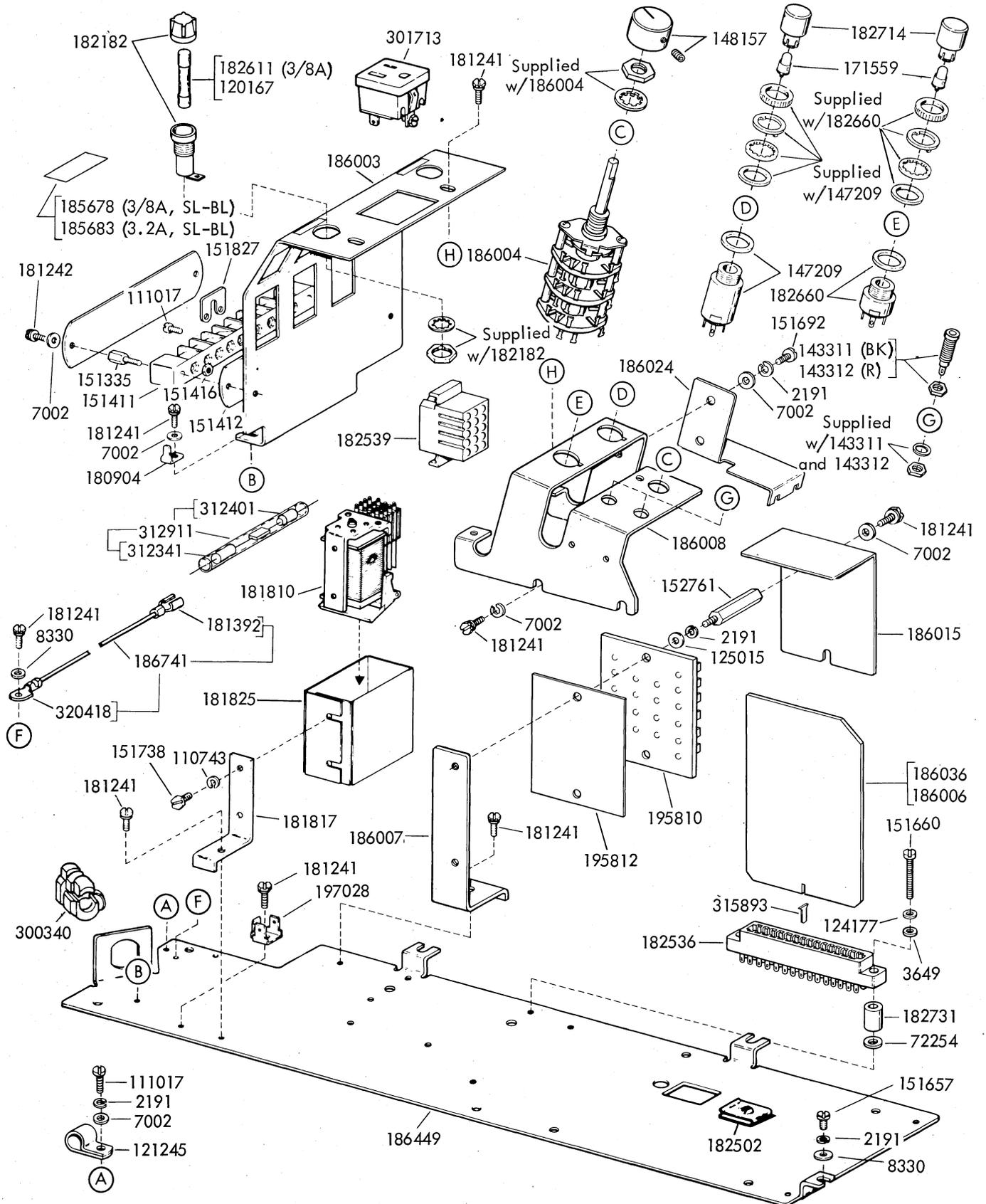


Fig. 4—Baseplate and Electrical Components

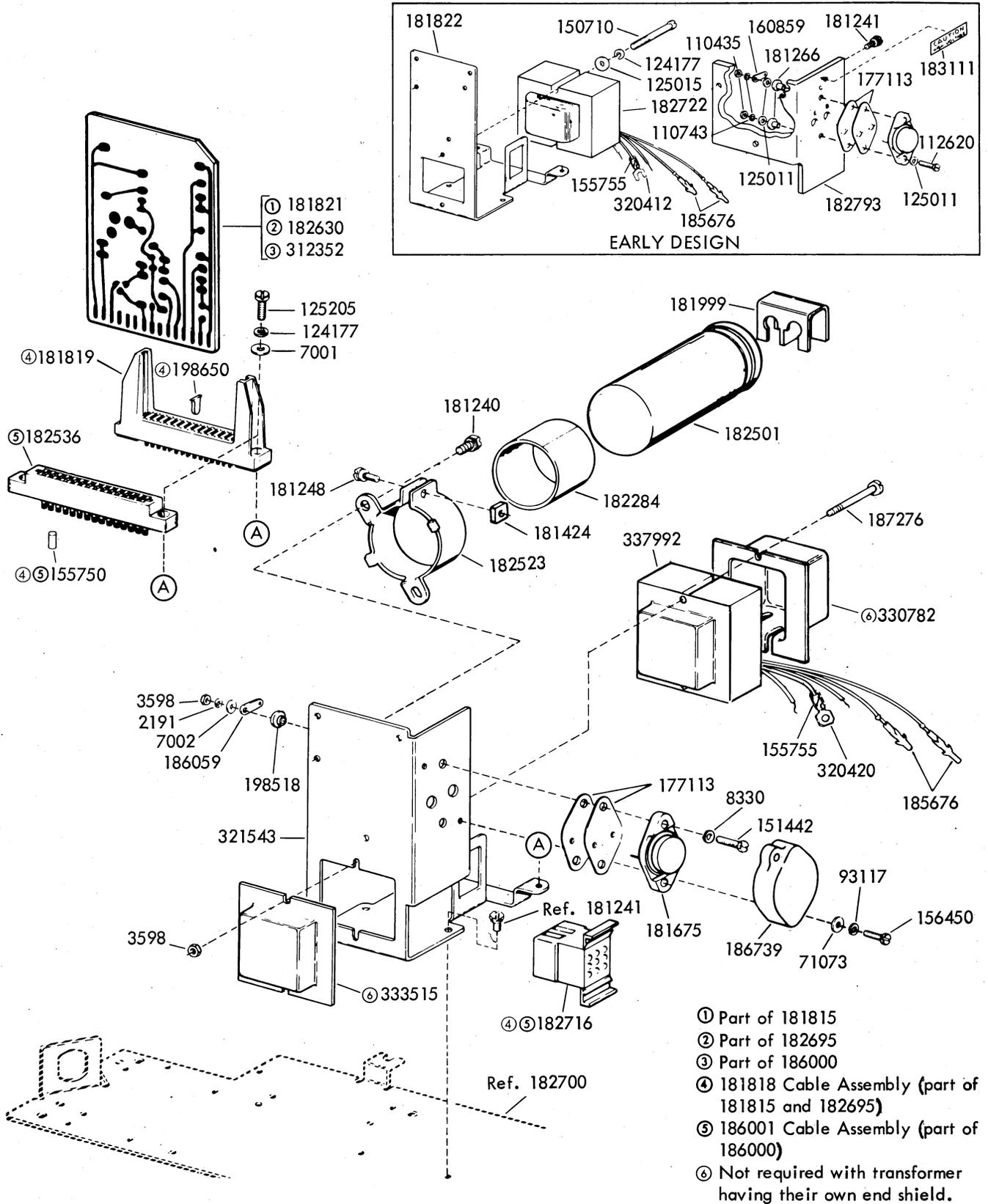


Fig. 5-181815, 182695 and 186000 Selector Magnet Driver Assemblies

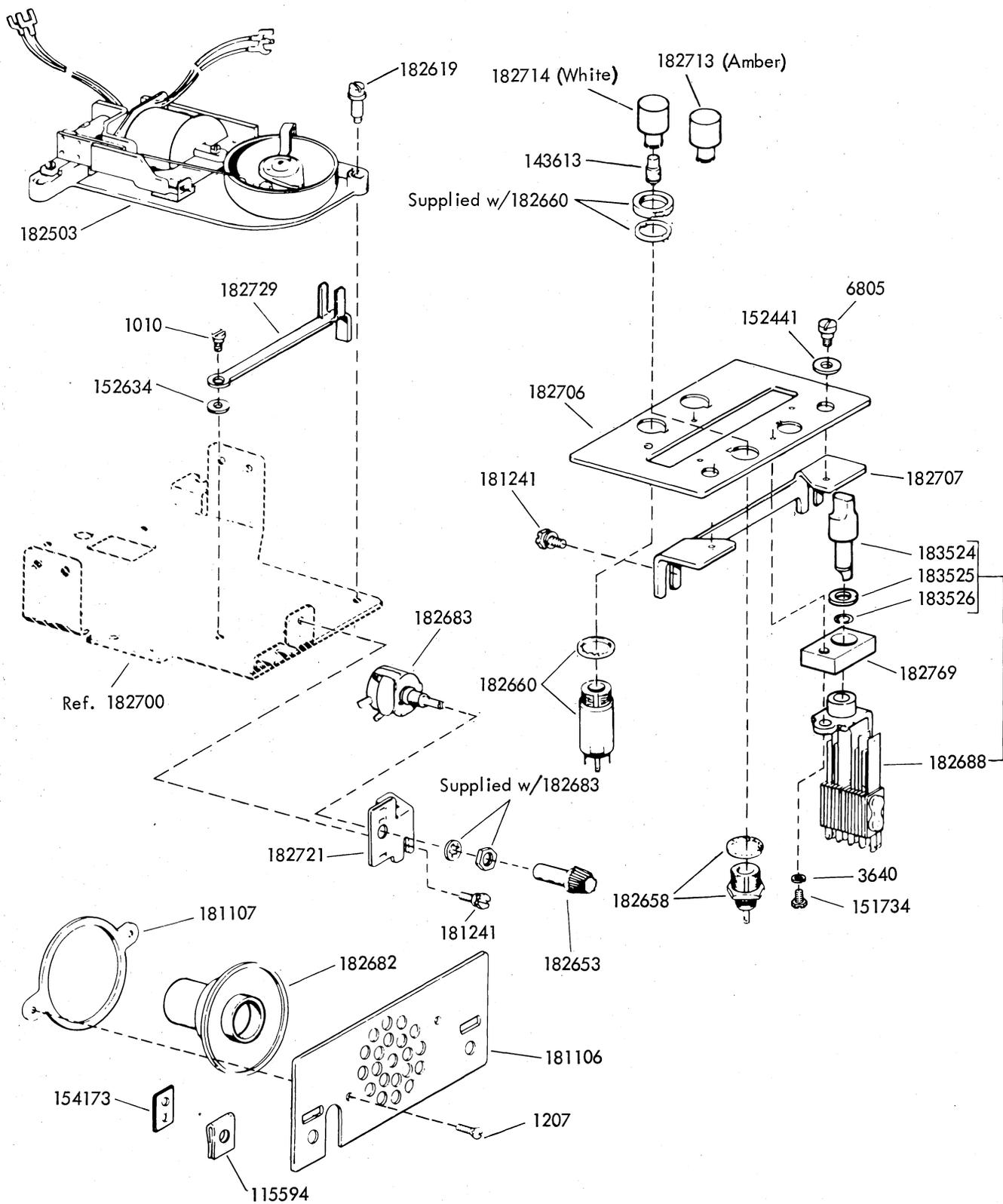


Fig. 6—Alarms and Speaker

Y. P. 6L-8L
185679

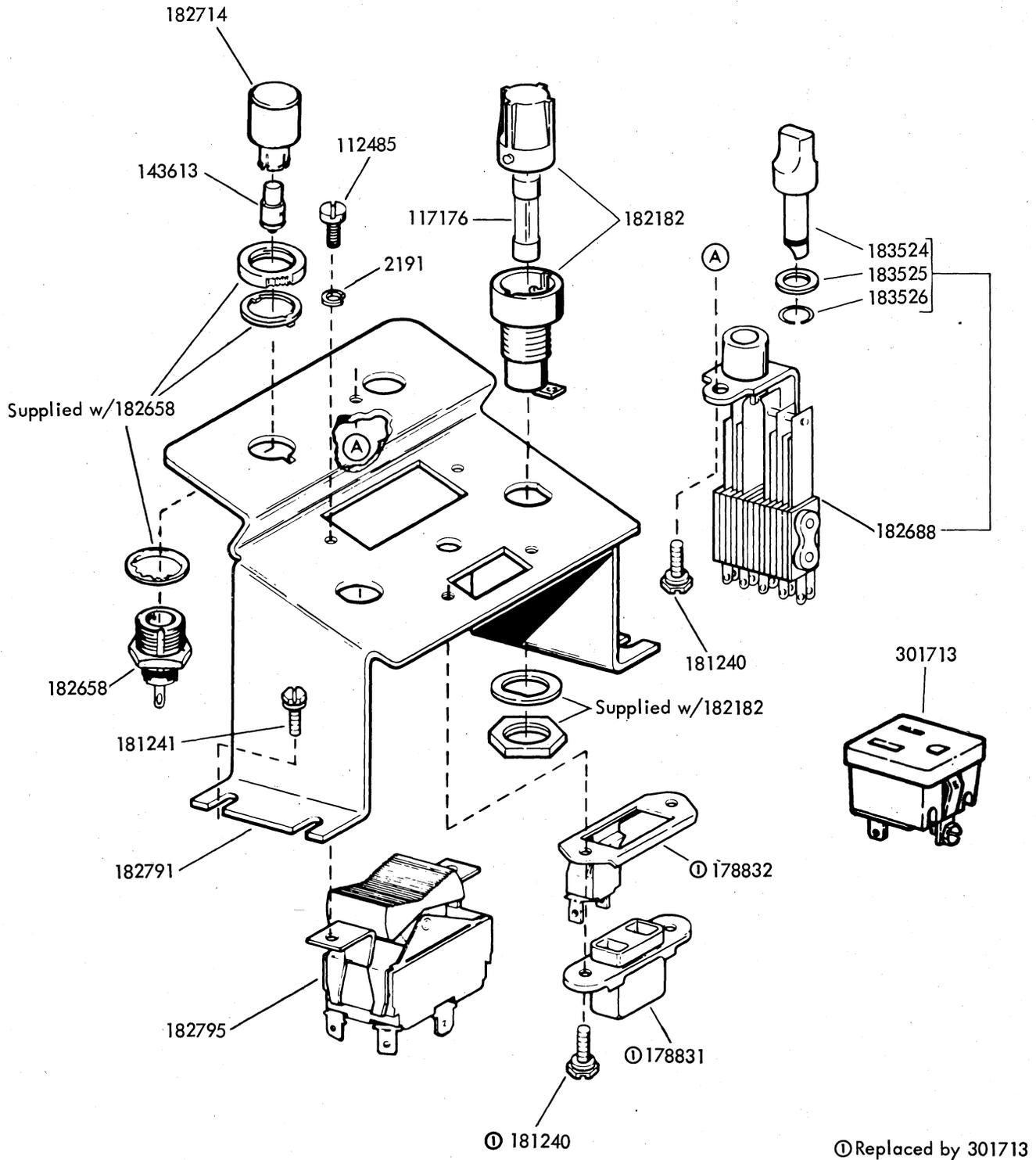


Fig. 7-Receive-Only Bracket Components

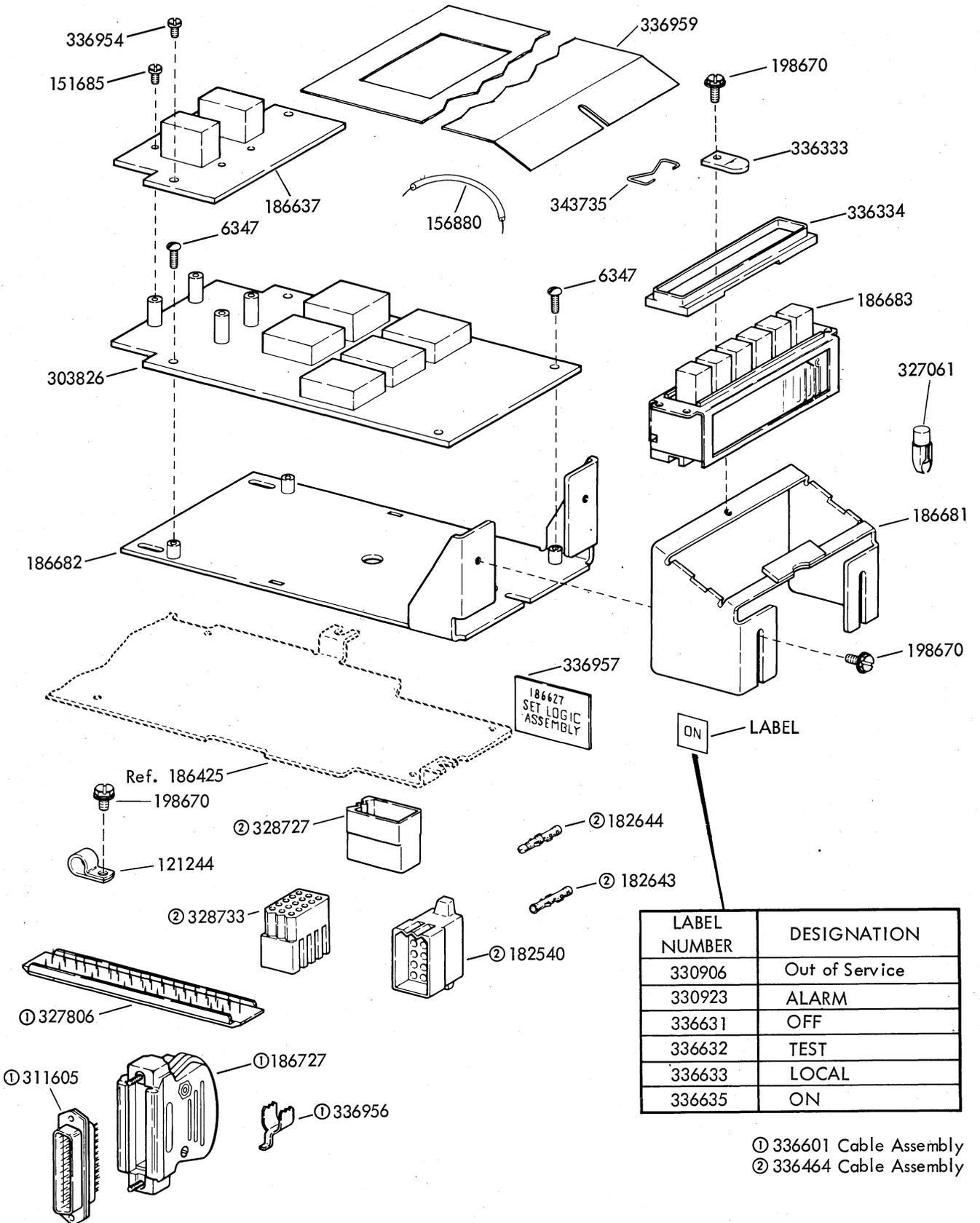


Fig. 8-186627 Set Interface Logic Assembly

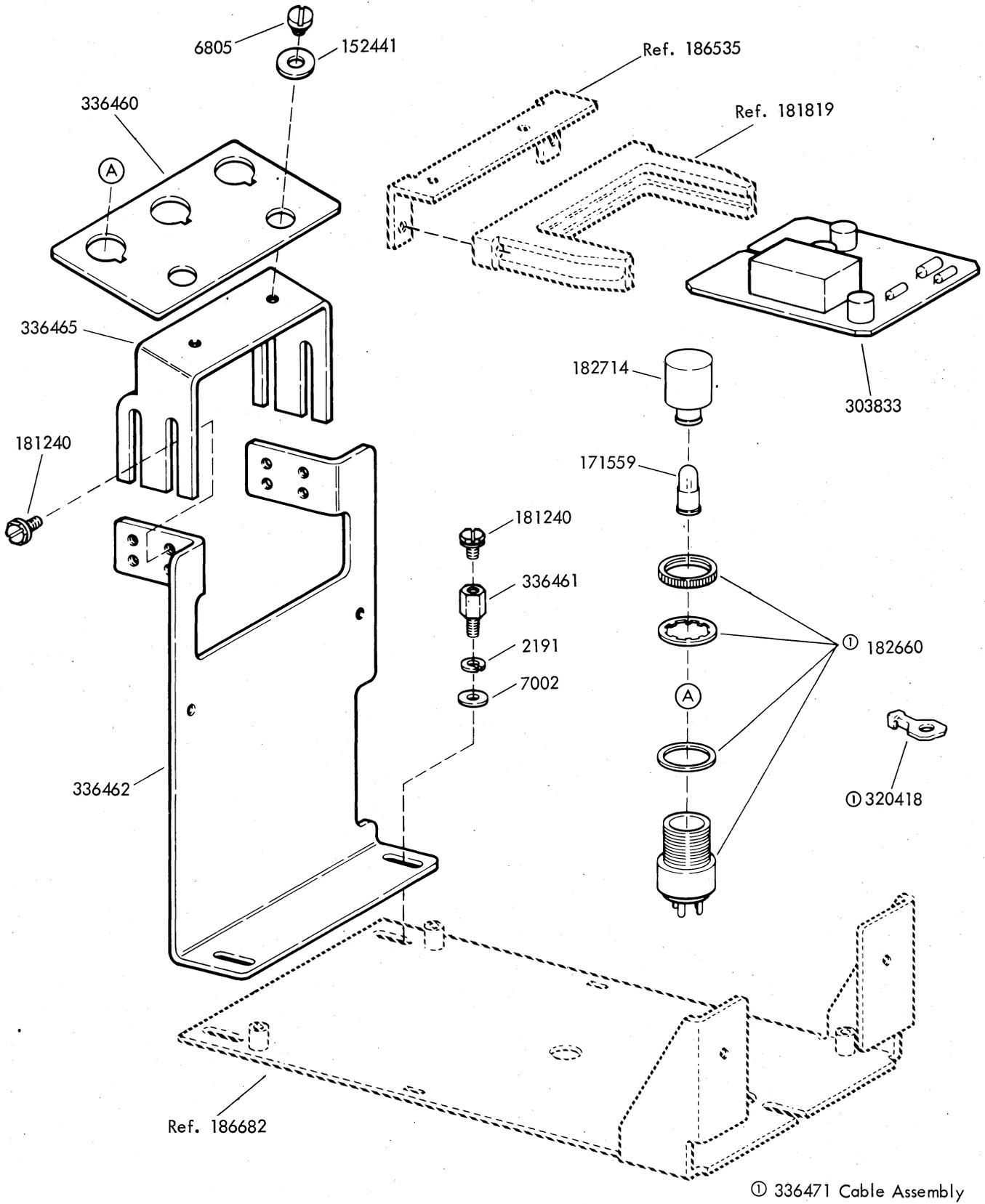


Fig. 9-186630 Modification Kit to Provide Break Detection and Indication

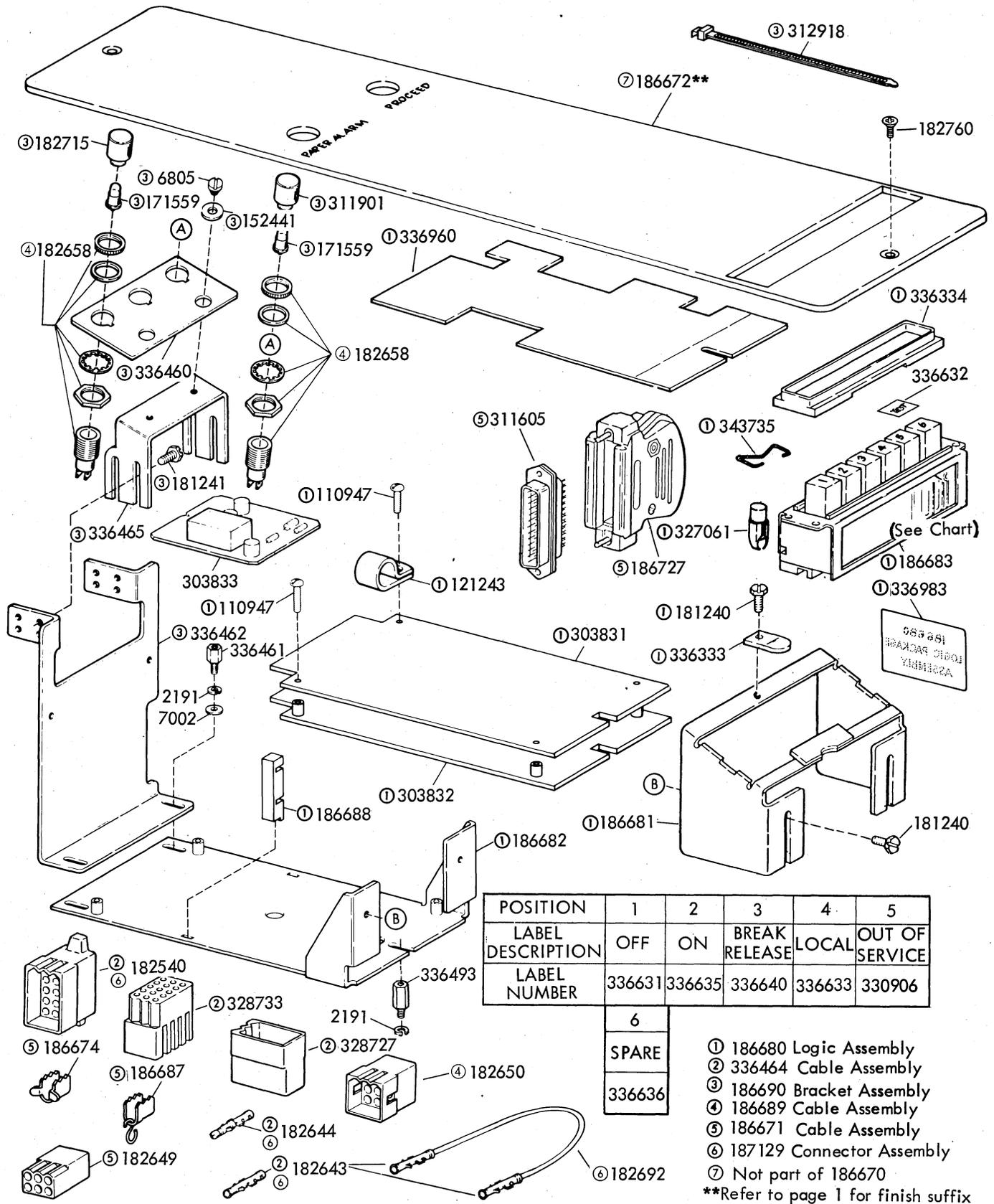


Fig. 10-186670 Modification Kit to Provide Private Line

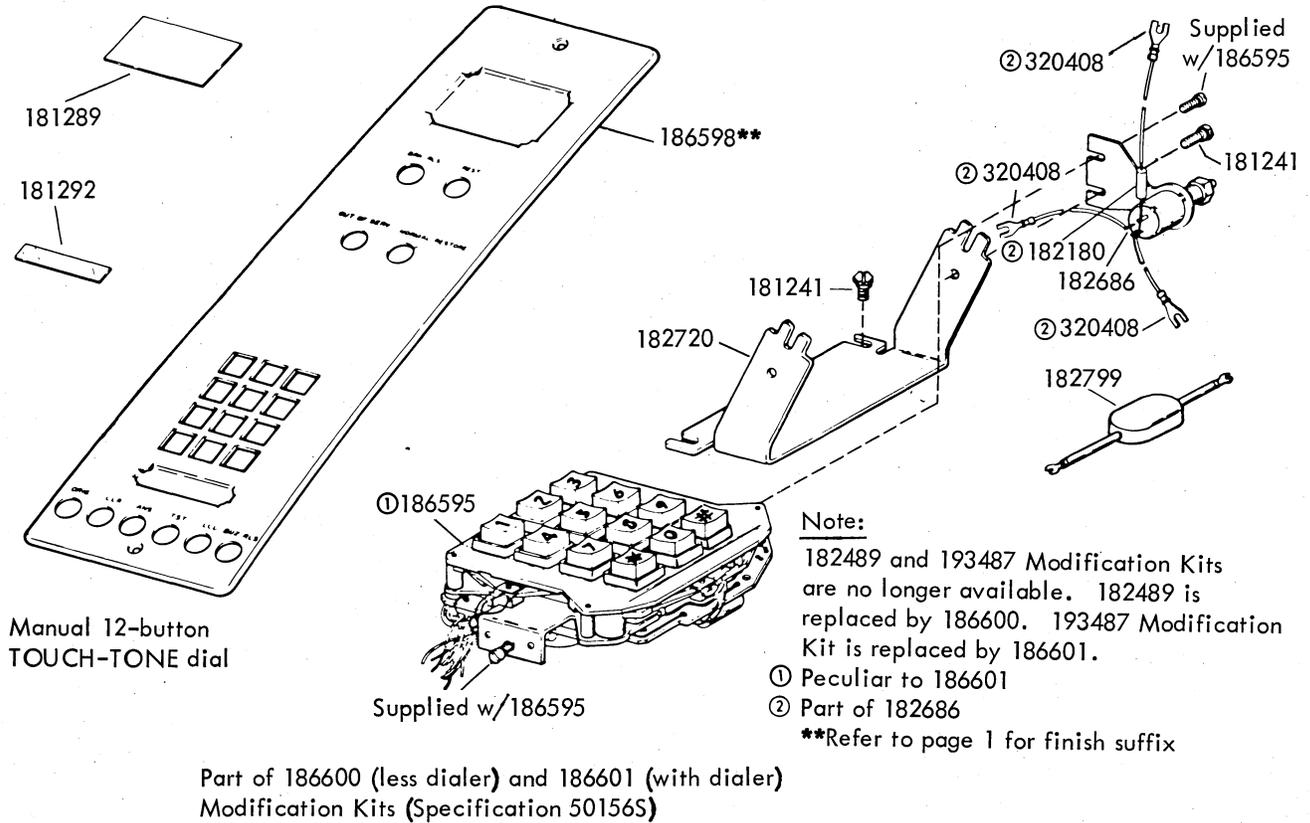
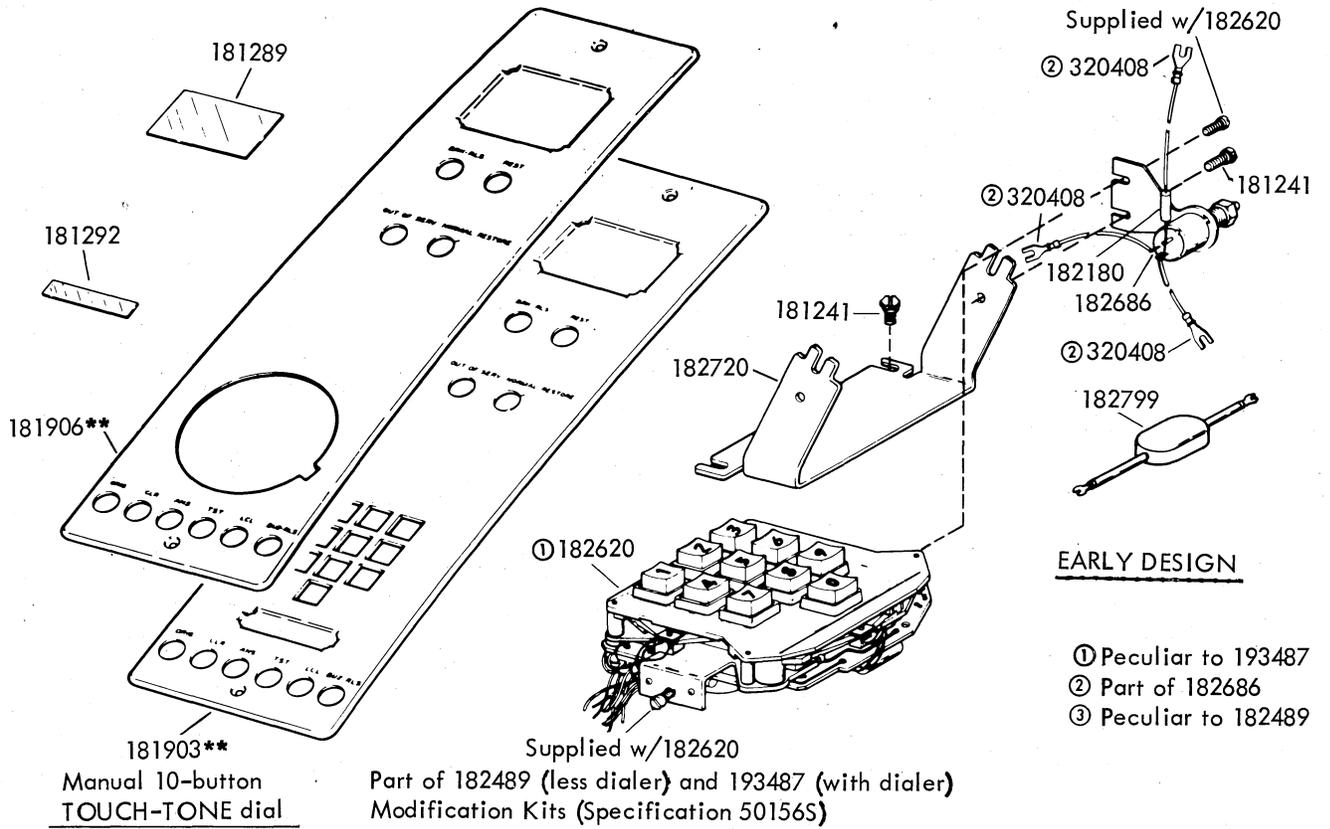
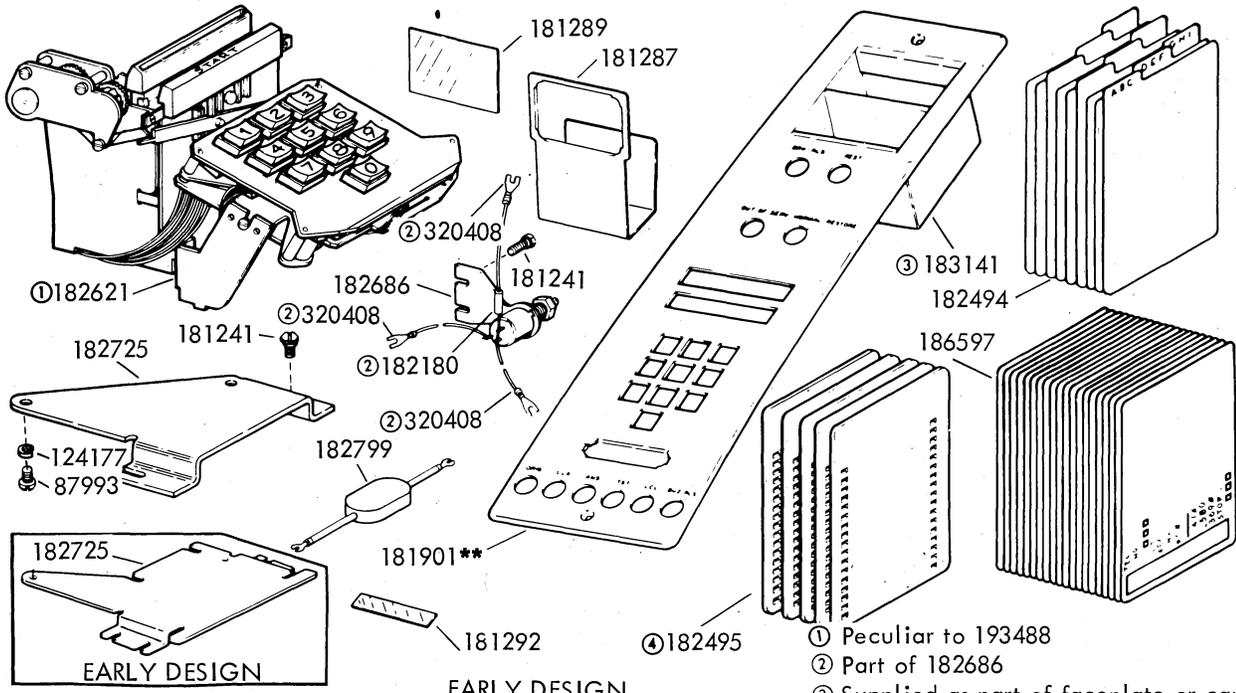
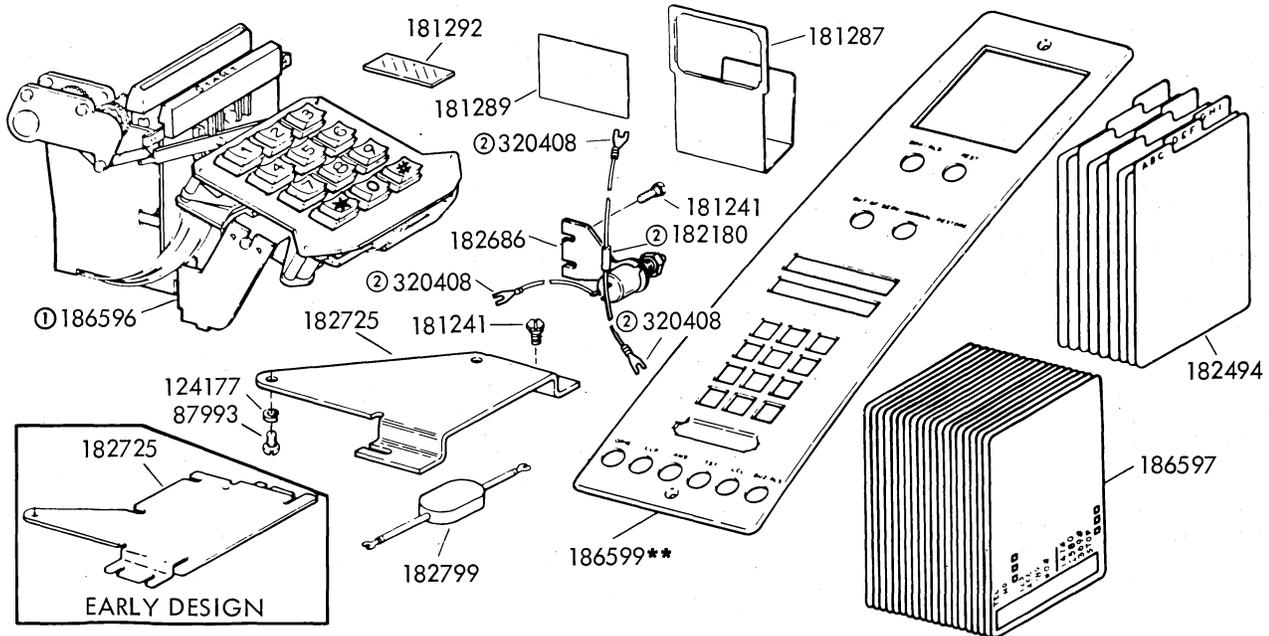


Fig. 12-186600 and 186601 Dial Modification Kits



- ① Peculiar to 193488
- ② Part of 182686
- ③ Supplied as part of faceplate or can be ordered separately
- ④ Orders received for the cancelled 182495 card dialing set, will be filled with 186597 card dialing set

Manual 10-button TOUCH-TONE and card dial Part of 195927 (less dialer) and 193488 (with dialer) Modification Kits (Specification 50140S)



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

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 50140S)

Fig. 13-186602 and 186603 Dial Modification Kits

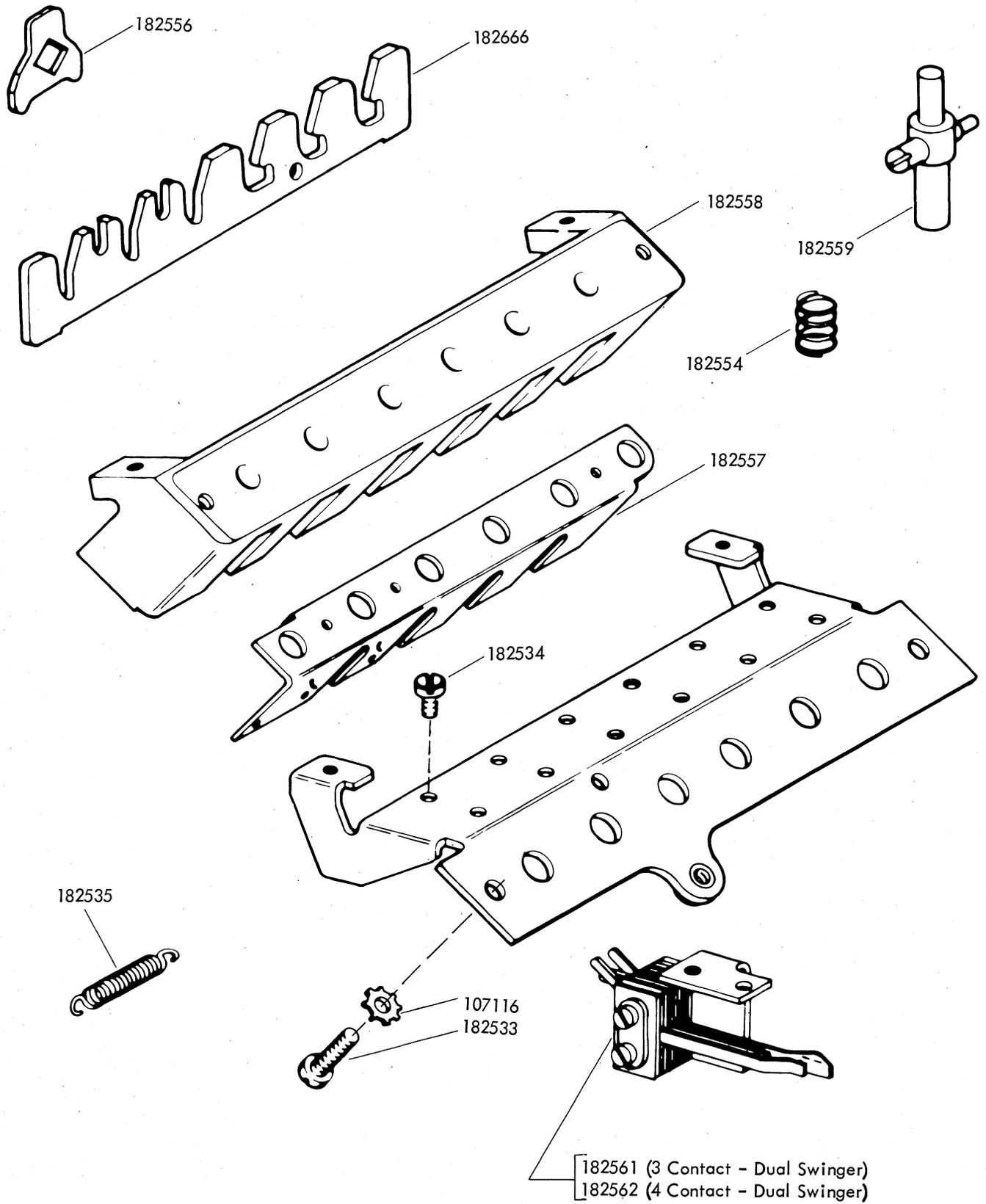


Fig. 14-182582 Key Assembly

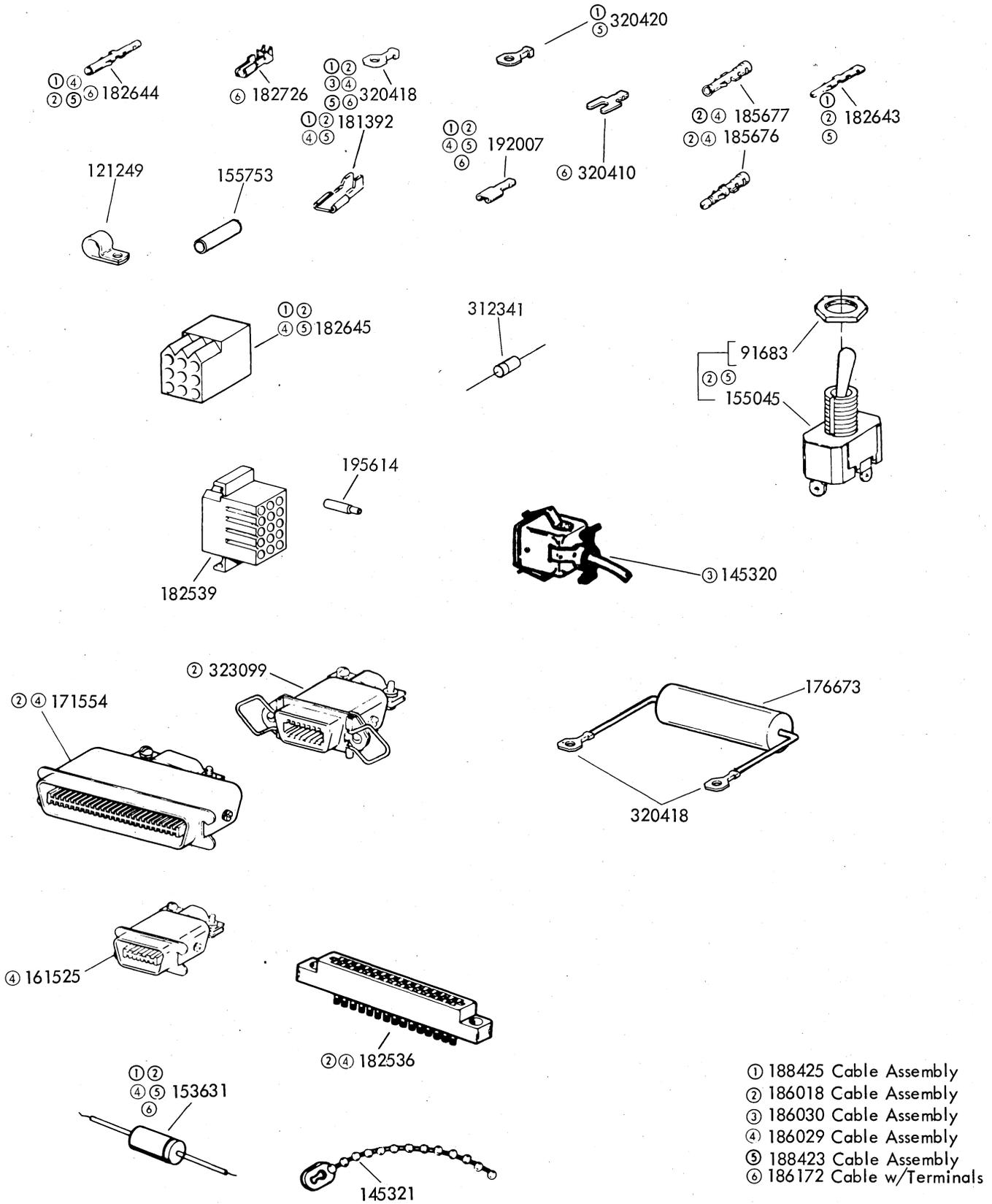


Fig. 15-Cable Components

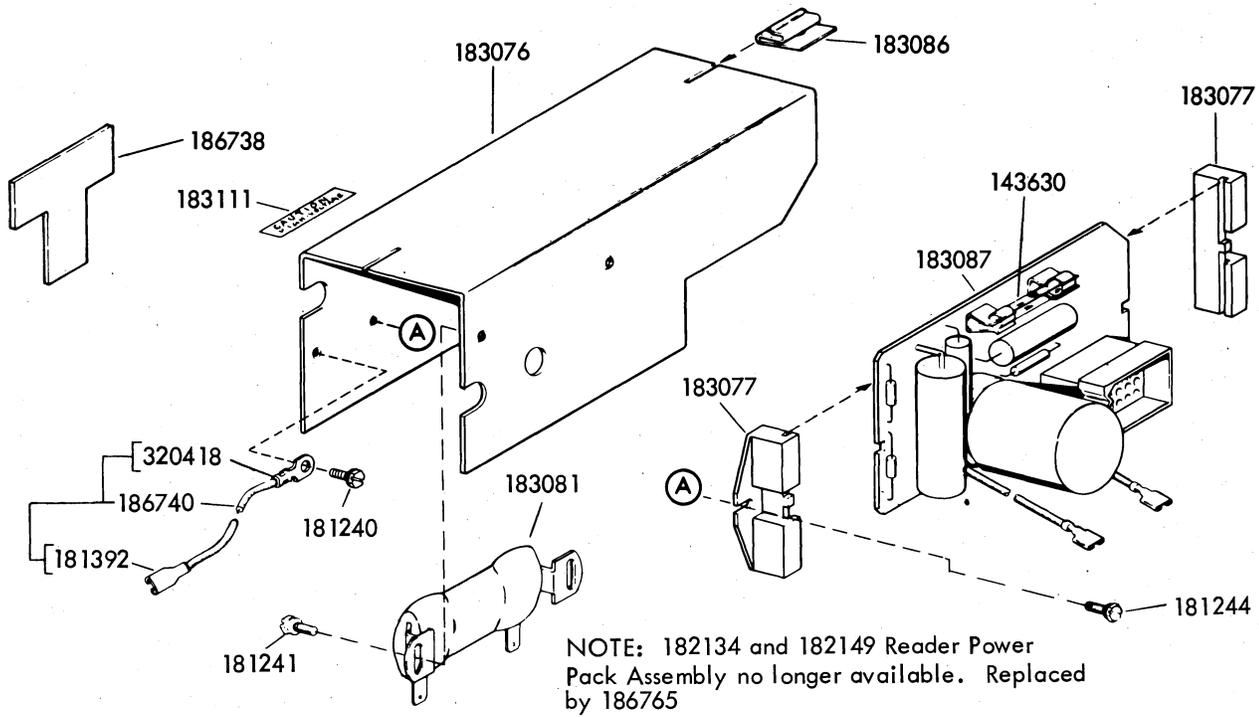


Fig. 17-182134 and 182149 Reader Power Pack Assembly

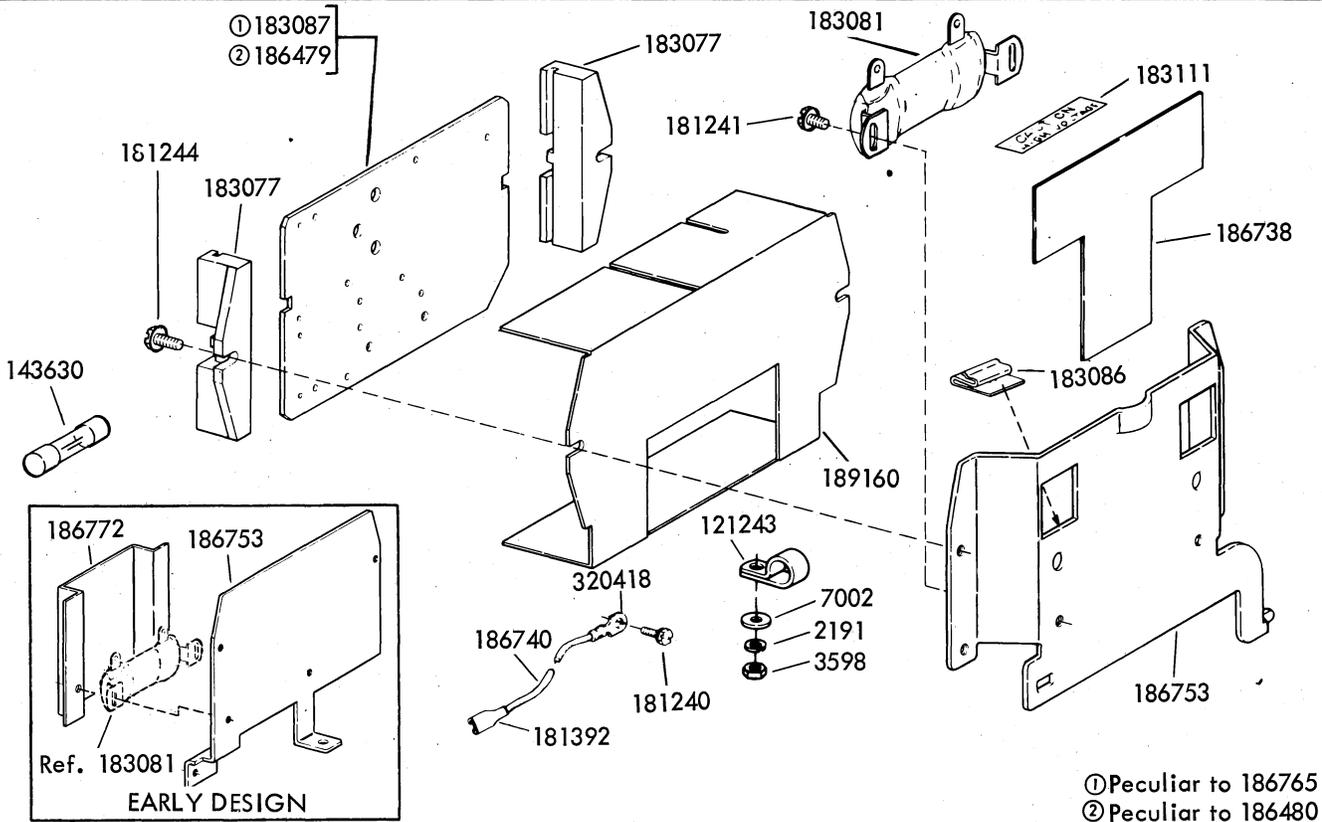


Fig. 18-186765 (Manual) and 186480 Reader Power Pack Assemblies

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 9	143630	Fuse, .75 Amp 20	159931	Clamp 3
1028	Screw, 4-40 x 1/4 Fil 2	144590	Screw, 6-40 x 1-3/8 Fil 8	159932	Keeper 3
1207	Screw, 4-36 x 5/16 Flat 9	145320	Connector, 4 Pt Plug	160859	Terminal 8
2191	Lockwasher 4,5,7,8,10,12, 13,20	145321	Receptacle 18	161525	Connector, 14 Pt Plug 18
3598	Nut, 6-40 Hex 2,3,4,8,20	147209	Tie, Cable 6,18	162360	Fuse, SL-BL .8 Amp 3,4
3606	Nut, 6-40 Hex 5	148157	Switch, SP-ST Pushbutton 7	171541	Diode 3
3640	Lockwasher 9	150710	Knob, Gray 7	171554	Connector, 50 Pt Plug 18
3649	Washer, Flat 3,7	150966	Screw, 6-40 x 1-1/4 Fil 8	171559	Lamp, 28 V Incandescent 7,12,13
6347	Screw, 6-32 x 3/8 Rd 11	150982	Insulator, Terminal Block 2	176673	Suppressor, Spark 18
6805	Screw, 6-40 Shoulder 9,12,13	151073	Screw, 4-40 x 7/16 Fil 2	177113	Insulator 4,8
7001	Washer, Flat 5,8	151335	Screw, 4-40 x 5/32 Fil 2,14	178306	Relay, Power 4
7002	Washer, Flat 2,3,4,5,7, 8,12,13,14,20	151411	Stud 2,3,4,7	178535	Suppressor, Spark 2,4
8330	Washer, Flat 3,4,6,7,8	151412	Block, Terminal 3,7	178831	Connector, 2 Pt Receptacle 3,10
42823	Washer, Flat 3,4	151415	Insulator, Terminal Block 3,4,7	178832	Plate, Adapter 3,10
71073	Washer, Flat 4,8	151416	Block, Terminal 2	180877	Jumper, 2-3/4" White-Red 19
72254	Washer, Flat 7	151442	Nut, 6-40 Hex 2,3,4,7	180880	Jumper, 2-3/4" White-Green 19
87993	Screw, 6-40 x 5/32 Fil 16	151442	Screw, 6-40 x 1/2 Hex 4,8	180884	Jumper, 2-3/4" White-Slate 19
91683	Nut, 15/32-32 Hex 18	151618	Screw, 6-40 x 7/16 Fil 4	180887	Jumper, 2-1/2" Red 19
92260	Lockwasher 4	151657	Screw, 6-40 x 1/4 Fil 7,14	180890	Jumper, 2-1/2" White 19
93117	Lockwasher 4,8	151660	Screw, 6-40 x 1/2 Fil 3,5,7	180893	Jumper, 2-1/2" Red-Orange 19
107116	Lockwasher 17	151685	Screw, 4-40 x 5/16 Fil 11	180897	Jumper, 2-1/2" White-Orange 19
110435	Nut, 4-40 Hex 8	151692	Screw, 6-40 x 3/16 Fil 6,7	180899	Jumper, 2-1/2" White-Purple 19
110743	Lockwasher 2,3,4,6,7,8,14	151731	Screw, 4-40 x 7/8 Fil 3,4	180900	Jumper, 2-1/2" Orange 19
110947	Screw, 6-32 x 13/16 Rd 13	151734	Screw, 4-40 x 3/8 Hex 9	180902	Jumper, 3-1/2" Braided 19
111017	Screw, 6-40 x 5/16 Fil 2,3,4,7	151738	Screw, Identification 6,7	180904	Tab, Terminal 3,5,7
112485	Screw, 6-32 x 1/4 Fil 10	151819	Jumper, 3" Black 19	181106	Plate, Baffle 9
112620	Screw, 4-40 x 1/2 Hex 2,8	151827	Strap, Terminal 4,7	181107	Bracket 9
115594	Nut, Speed 9	152441	Washer, Flat 9,12,13	181240	Screw w/Lockwasher, 6-40 x 3/16 Hex 2,3,4,5,8,10, 12,13,20
117176	Fuse, SL-BL 0.5 Amp 3,10	152634	Washer, Flat 9	181241	Screw w/Lockwasher, 6-40 x 1/4 Hex 2 to 10,13,14, 15,16,20
120167	Fuse, SL-BL 3.2 Amp 3,4,7	152761	Stud 7	181242	Screw w/Lockwasher 6-40 x 5/16 Hex 3,6,7
121243	Clamp, 3/16 ID Cable 13, 20	152893	Screw, 4-40 x 1/4 Hex 2	181243	Screw w/Lockwasher, 6-40 x 3/8 Hex 3
121244	Clamp, 1/4 ID Cable 11	153484	Screw, 6-32 Spl 2,4	181244	Screw w/Lockwasher, 6-40 x 7/16 Hex 20
121245	Clamp, 5/16 ID Cable 6,7	153631	Network, Spark Suppression 4,18	181248	Screw w/Lockwasher, 6-40 x 7/8 Hex 6,8
121249	Clamp, 5/8 ID Cable 18	153799	Screw, 4-40 x 21/64 Hex 2	181263	Timer, Hour 3
121551	Screw, 8-32 x 1/4 Hex 2,5	154173	Plate 9		
124177	Lockwasher 3,6,7,8,14,16	155045	Switch, SP-DT Toggle 18		
125011	Washer, Flat 2,8	155750	Sleeve, 3/32 ID x 1/2" Lg Insulating 8		
125015	Washer, Flat 2,3,6,7,8	155753	Sleeve, 1/8 ID x 1/2" Lg Insulating 18		
125205	Screw, 6-40 x 7/16 Fil 8	155755	Sleeve, 11/64 ID x 5/8" Lg Insulating 8		
138538	Fuse, SL-BL 2 Amp 4	156450	Screw, 2-56 x 1/2 Fil 4,8		
142291	Jumper, 5" Slate 19	156880	Jumper, 2-3/8" Black 11		
142269	Fuse, SL-BL 3 Amp 3				
143311	Jack, Black 7				
143312	Jack, Red 7				
143613	Lamp, 14 V Incandescent 9,10				

NUMERICAL INDEX (Continued)

Part Number	Description and Page Number	Part Number	Description and Page Number	Part Number	Description and Page Number
181264	Bracket 3,4	182044	Modification Kit 3	182645	Connector, 9 Pt Receptacle Type 18
181265	Timer w/Terminals 3	182134	Power Pack 1,20	182649	Connector, 6 Pt Receptacle Type 13
181266	Bushing, Insulating 8	182149	Power Pack 1,20	182650	Connector, 6 Pt Plug Type 13
181276	Nameplate 3,4	182180	Resistor, 200 Ohm 15,16	182653	Knob 9
181281	Bracket, Right 14	182182	Holder, Fuse 3,4,7,10	182658	Socket, Lamp 9,10,13
181282	Bracket, Left 14	182193	Insulator 2	182660	Switch, Pushbutton 7,9,12
181283	Spacer, .065" Thk 14	182251	Plate, Identification 6	182666	Bar, Latch 17
181287	Holder, Card 14,16	182284	Insulator, .015" Thk 6,8	182669	Relay, Power 2
181289	Window, Plastic 14,15,16	182287	Jumper, 6" Purple 3	182671	Cable Assembly 3
181292	Window, Plastic 15,16	182489	Modification Kit 15	182682	Speaker, 2" 9
181297	Cover, Insulating 3	182494	Card Set, Index 14,16	182683	Resistor, 500 Ohm 9
181392	Terminal, Tab Type 3,7,18,20	182495	Card Set, Dialing 14,16	182684	Strap 2
181424	Nut, 6-40 Sq 6,8	182500	Dial, Rotary 14	182685	Strap 2
181675	Transistor, Power 4,8	182501	Capacitor, 1500 MFD 8	182686	Resistor Assembly, 50,000 Ohm 15,16
181809	Bracket, Switch 6	182502	Nut, No. 14 Speed 2,5,7	182688	Switch, Turn Button 9,10
181810	Relay 6,7	182503	Ringer w/Terminals 9	182692	Jumper, 2-1/4" Orange 13
181814	Capacitor, 250 MFD 6	182510	Cord, Power 5,19	182693	Jumper, 2-1/4" Orange 19
181815	Driver Assembly, Selector Magnet 1,8	182523	Clamp, 1-3/8" ID Mounting 6,8	182695	Driver Assembly, Selector Magnet 1,8
181816	Resistor, 4,200 Ohm 6	182524	Button Assembly 2	182698	Cable w/Terminals 14
181817	Bracket 6,7	182527	Screw, 4-40 Shoulder 2	182700	Baseplate 2,3,6,8,9
181818	Cable Assembly 8	182529	Lamp, 10 V 2	182706	Plate, Pilot 9
181819	Connector, 15 Pt Circuit Card 4,5,8,12	182532	Filter 2,14	182707	Bracket, Pilot 9
181821	Card, Circuit 8	182533	Screw, 6-32 x 5/16 Rd 17	182708	Bracket, Left 2
181822	Bracket 8	182534	Screw, 4-40 Spl 17	182709	Bracket, Right 2,14
181824	Knob, Gray Pointer 6	182535	Spring 17	182710	Bracket, Upper 3
181825	Cover, Relay 6,7	182536	Connector, 15 Pt Circuit Card 3,7,8,18	182711	Bracket, Lower 3,6
181826	Jumper, 2' Black 19	182539	Connector, 15 Pt Receptacle Type 3,4,7,18	182713	Cap, Amber Lens 9
181827	Jumper, 2-3/4" White-Black 19	182540	Connector, 15 Pt Plug Type 11,13	182714	Cap, White Lens 7,9,10,12
181828	Jumper, 2-3/4" White-Orange 19	182554	Spring, Compression 17	182715	Cap, Red Lens 13
181829	Jumper, 2-3/4" White-Blue 19	182556	Lockout 17	182716	Connector, 9 Pt Plug Type 8
181830	Jumper, 2-3/4" White-Yellow 19	182557	Bracket 17	182717	Board, Terminal 2
181831	Jumper, 2-3/4" White-Purple 19	182558	Frame 17	182718	Buzzer, 10 V AC 2
181832	Jumper, 2-3/4" White-Brown 19	182559	Plunger 17	182719	Bracket, Guide 3
181836	Jumper, 4-1/2" Black 19	182561	Contact Assembly 17	182720	Bracket, Dial 15
181837	Jumper, 4-1/2" Black 19	182562	Contact Assembly 17	182721	Bracket 9
181879	Transformer, Power 3,6	182582	Key Assembly 1,17	182722	Transformer w/Terminals 8
181901**	Faceplate 16	182611	Fuse, SL-BL 3/8 Amp 3,7	182723	Bracket 2,14
181902**	Faceplate 14	182619	Screw, 6-40 Shoulder 9	182724	Plate, Dial 14
181903**	Faceplate 15	182620	Dial, Touch Tone 15	182725	Plate, Tone Dialer 16
181904**	Faceplate 14	182621	Dial, Touch Tone and Card 16	182726	Terminal, Receptacle Type 18
181906**	Faceplate 15	182622	Dial, DC Card 14	182727	Bracket, Left 14
181994	Bracket, Guide 6	182630	Card, Circuit 5,8	182728	Bracket, Right 14
181999	Insulator 6,8	182643	Terminal, Plug Type 11,13,18,19	182729	Link, Ringer 9
		182644	Terminal, Receptacle Type 11,13,18,19	182731	Post 3,5,7

**Refer to page 1 for finish suffix

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Part Number	Description and Page Number	Part Number	Description and Page Number	Part Number	Description and Page Number
182750	Card, Amplifier Circuit 3	186004	Switch, Rotary 7	186680	Logic Assembly 13
182760	Screw, 6-32 SPL 13	186006	Card, Circuit 7	186681	Bracket 11,13
182761	Capacitor, 0.5 MFD 2	186007	Bracket 7	186682	Bracket 11,12,13
182768	Bracket, Fuse 3	186008	Bracket 7	186683	Key Assembly 11,13
182769	Block 9	186015	Insulator 7	186687	Band w/S Hook 13
182781	Jumper, 2-3/4" White-Red 19	186018	Cable Assembly 18	186688	Block 13
182782	Jumper, 2-3/4" White-Green 19	186024	Clamp 7	186689	Cable Assembly 13
182783	Jumper, 2-3/4" White-Slate 19	186029	Cable Assembly 18	186690	Bracket Assembly, Lamp 13
182784	Jumper, 2-1/4" White-Orange 19	186030	Cable Assembly 18	186727	Clamp 11,13
182785	Jumper, 2-1/4" White-Blue 19	186036	Card, Circuit 7	186738	Insulator 20
182786	Jumper, 2-1/4" White-Brown 19	186059	Terminal 4,8	186739	Cover 4,8
182787	Jumper, 2-1/4" White-Yellow 19	186165	Jumper, 6" Red 19	186740	Jumper, 6" Green 20
182788	Jumper, 2-1/4" White-Purple 19	186166	Jumper, 6" Yellow 19	186741	Jumper, 9" Green 3,7
182791	Bracket 10	186170	Bracket 6	186753	Bracket 20
182793	Plate, Heat Sink 8	186172	Cable w/Terminals 18	186765	Power Pack 1,20
182795	Switch DP-DT 10	186423	Insulator 5	186772	Cover 20
182796	Insulator, .032" Thk 3	186424	Plate 4	187052	Cover 4
182799	Capacitor, .20-.30 MFD 15,16	186425	Baseplate 5,11	187079	Capacitor 5
183076	Bracket, Rectifier 20	186426	Bracket 4,5	187129	Connector Assembly 13
183077	Clamp, Circuit Card 20	186427	Bracket 5	187276	Screw w/Lockwasher, 6-40 x 1-1/4 2,8
183081	Resistor, 850 Ohm 20	186430	Capacitor 5	188423	Cable Assembly 18,19
183086	Clip 20	186431	Cable Assembly 4	188425	Cable Assembly 18
183087	Card, Circuit 20	186434	Transformer 5	189160	Insulator 20
183111	Label 4,8,20	186438	Card, Circuit 5	192007	Terminal, Tab Type 3,14,18 19
183141	Holder, Card 14,16	186439	Card, Circuit 5	193438	Strip, Lamp 2
183524	Button, Turn 9,10	186449	Baseplate 7	193486	Modification Kit 1,14
183525	Washer, Flat 9,10	186463	Post 5	193487	Modification Kit 15
183526	Ring, Retaining 9,10	186479	Card, Circuit 20	193488	Modification Kit 16
185676	Terminal, Plug Type 8,18	186480	Power Pack 1,20	193489	Modification Kit 1,2,14
185677	Terminal, Receptacle Type 18,19	186535	Bracket 4,12	195614	Pin, Key 3,18
185678	Plate, Identification 3,7	186595	Dial, Touch-Tone 15	195618	Jumper, 5-1/4" White-Purple 19
185679	Plate, Identification 3,10	186596	Dial, Touch-Tone 16	195810	Board, Terminal 7
185680	Plate, Identification 4	186597	Card Set, Dialing 14,16	195812	Insulator, .032" Thk 7
185683	Plate, Identification 3,7	186598**	Faceplate 15	195924	Modification Kit 1,14
185688	Plate, Identification 3,4	186599**	Faceplate 16	195926	Modification Kit 1,2,14
185731	Jumper, 3-3/4" Black 19	186600	Modification Kit 1,15	195927	Modification Kit 16
186000	Driver Assembly, Selector Magnet 1,8	186601	Modification Kit 1,15	197028	Terminal 7
186001	Cable Assembly 8	186602	Modification Kit 1,16	197054	Jumper, 3" Black 3
186003	Bracket 7	186603	Modification Kit 1,16	197081	Switch, 3 Positions 6
		186627	Logic Assembly 1,11	198259	Jumper, 3" Black 19
		186628	Bracket 3	198518	Bushing, Insulating 4,8
		186630	Modification Kit 1,12	198522	Clip, Spring 6
		186637	Card, Circuit 11	198650	Key, Polarizing 8
		186645	Bracket 2	198670	Screw w/Lockwasher, 6-40 x 5/16 Hex 11
		186647	Board, Terminal 2	199311	Insulator 14
		186648	Transformer 2	199397	Bracket, Fuse 3
		186651	Transformer 2	199409	Modification Kit 3
		186670	Modification Kit 1,13		
		186671	Cable Assembly 13		
		186672**	Faceplate 13		
		186674	Stayband 13		

**Refer to page 1 for finish suffix

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Part Number	Description and Page Number	Part Number	Description and Page Number	Part Number	Description and Page Number
300340	Bushing 2,5,7	320420	Terminal, Ring Type 8,18	336462	Bracket 12,13
301713	Outlet, Convenience 3,4,7,10	321543	Bracket 8	336464	Cable Assembly 11,13
302433	Button, Stud 5	323099	Connector, 14 Pt Receptacle 18	336465	Bracket 12,13
303826	Card, Circuit 11	327061	Lamp, 24 V 11,13	336471	Cable Assembly 12
303831	Card, Circuit 13	327326	Jumper, 2-3/4" Green 4,19	336493	Post 5,13
303832	Card, Circuit 13	327806	Plug 11	336601	Cable Assembly 11
303833	Card, Circuit 12,13	328591	Strap, Cable 3	336631	Label 11,13
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