

33 CALL CONTROL UNIT (UCC)

PARTS

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

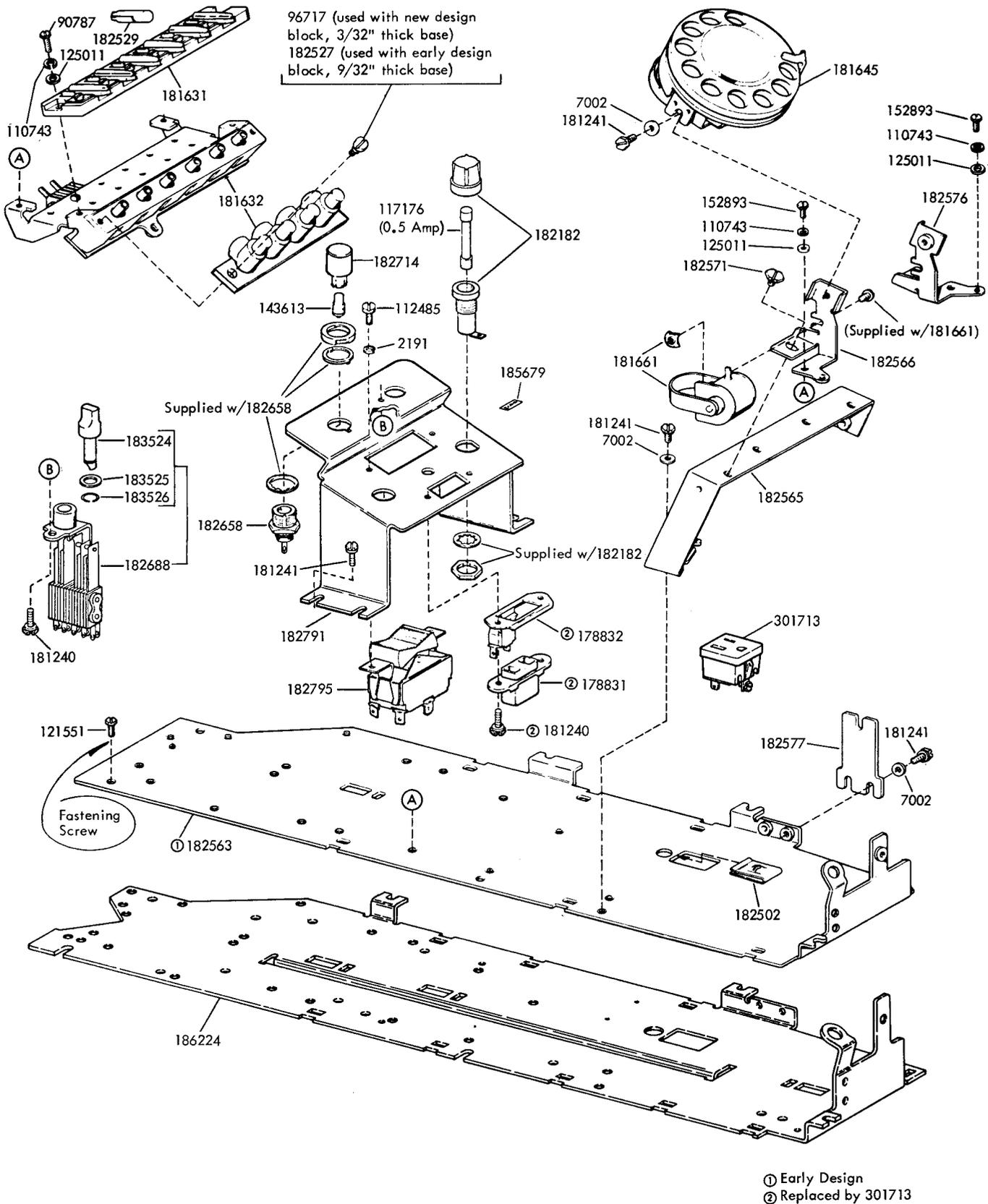


FIGURE 1. BASE PLATE COMPONENTS FOR USE WITH ROTARY DIAL

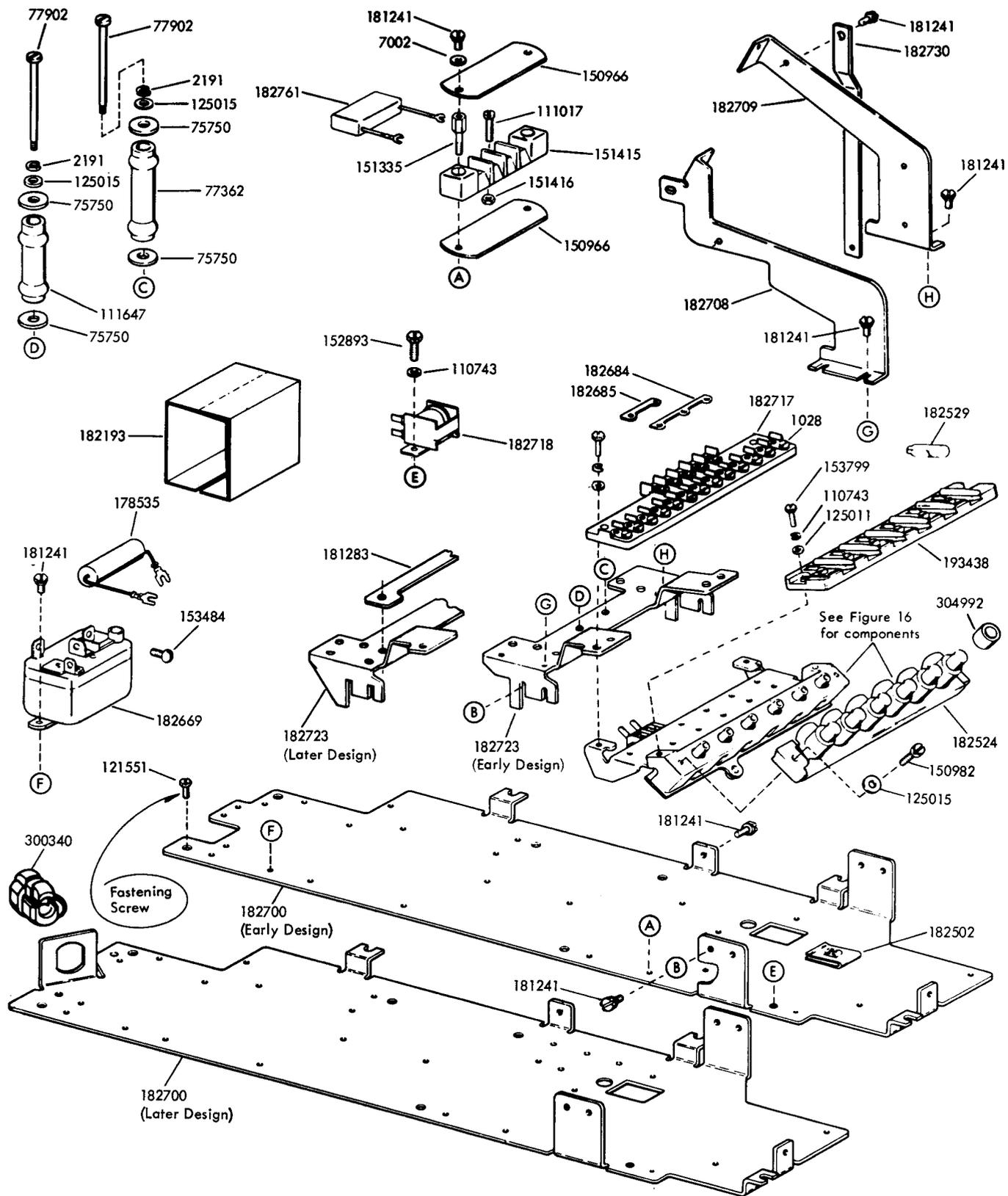
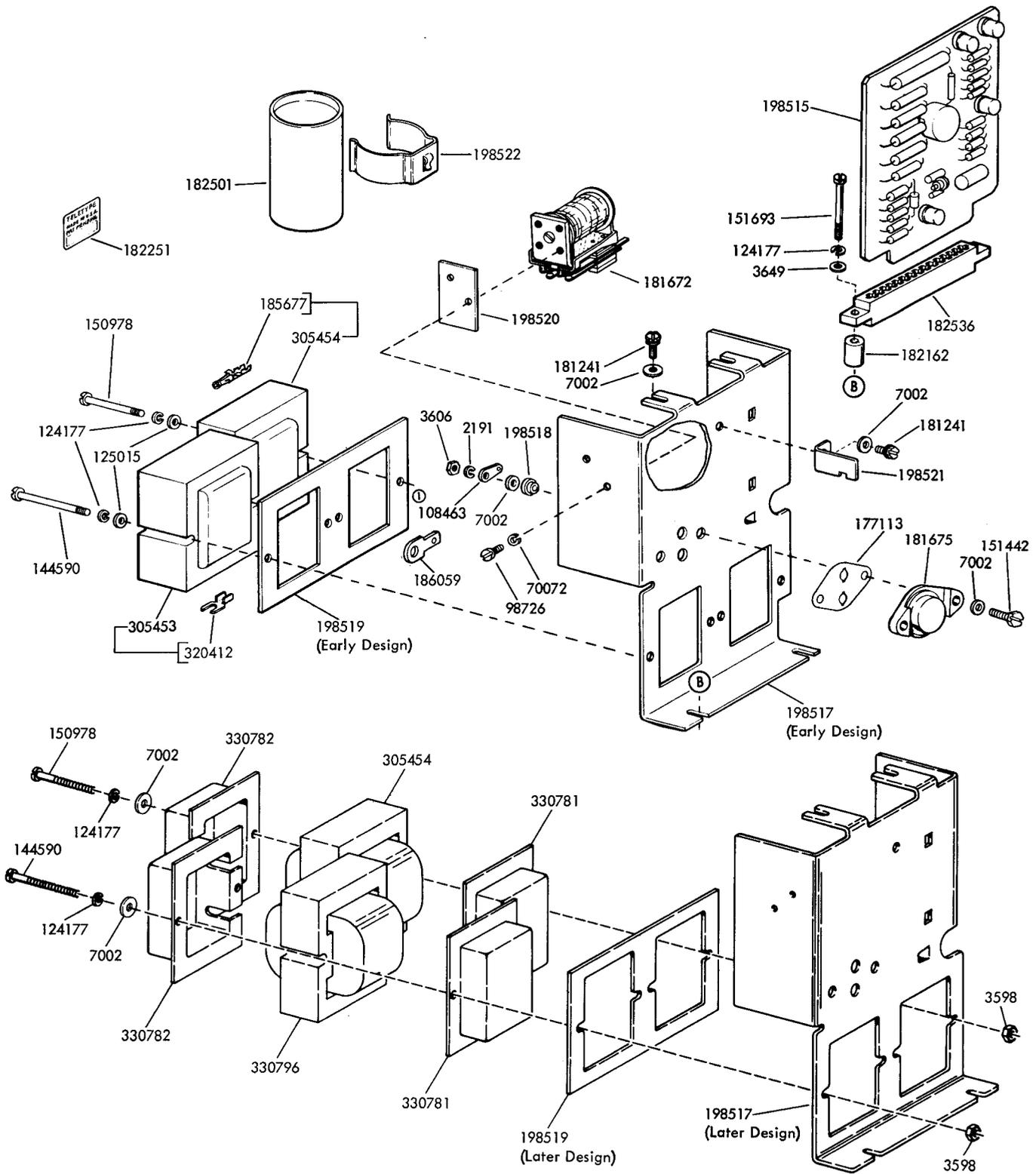


FIGURE 2. BASE PLATE COMPONENTS FOR USE WITH TOUCH-TONE OR CARD DIALING



NOTE: Transformer shields 330782 cannot be used with Early Design 198517 bracket and 198519 insulator
 ① Replaced by 186059

FIGURE 3. ELECTRICAL COMPONENTS FOR USE WITH ROTARY DIAL

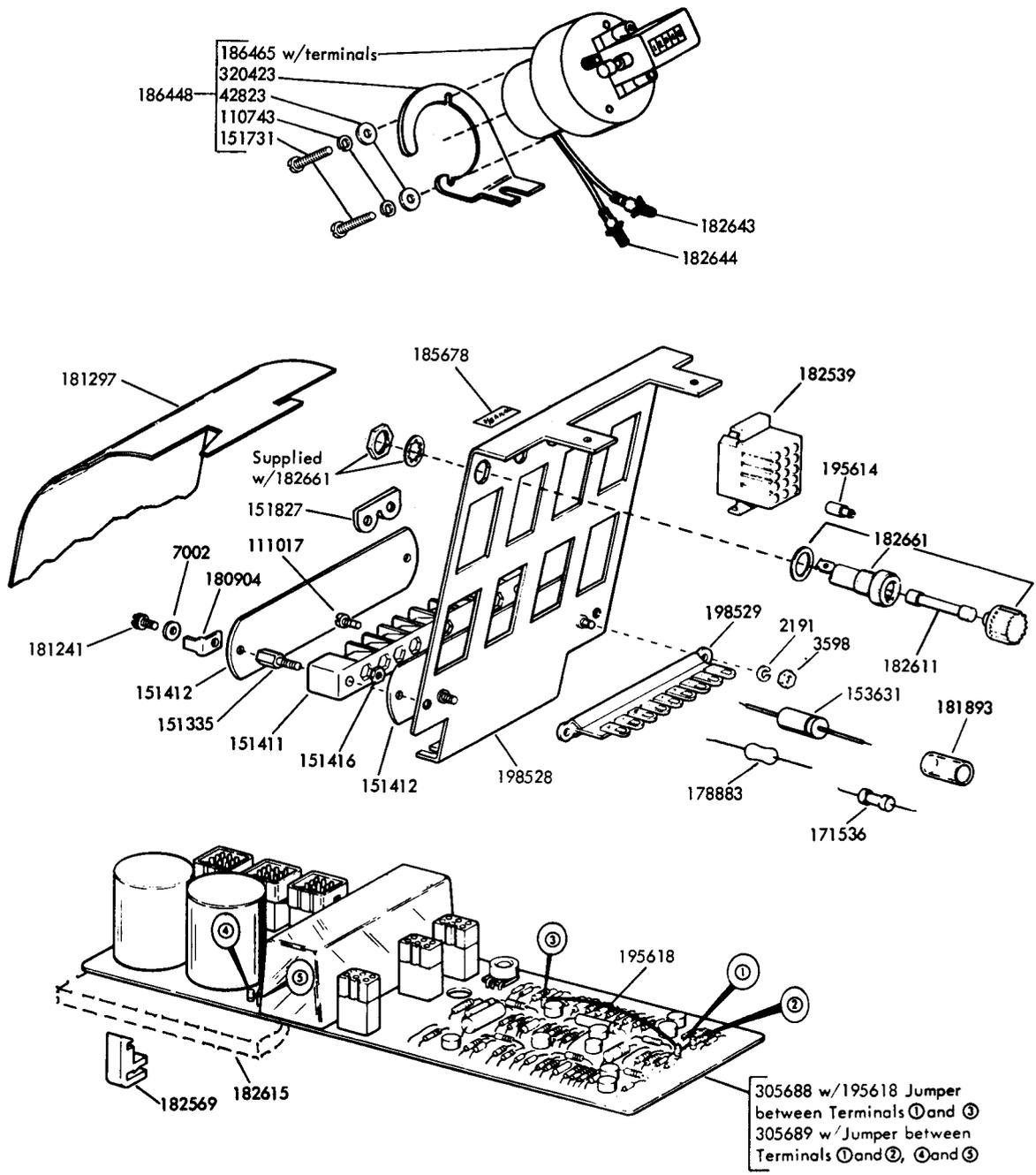


FIGURE 4. ELECTRICAL COMPONENTS FOR USE WITH ROTARY DIAL (Continued)

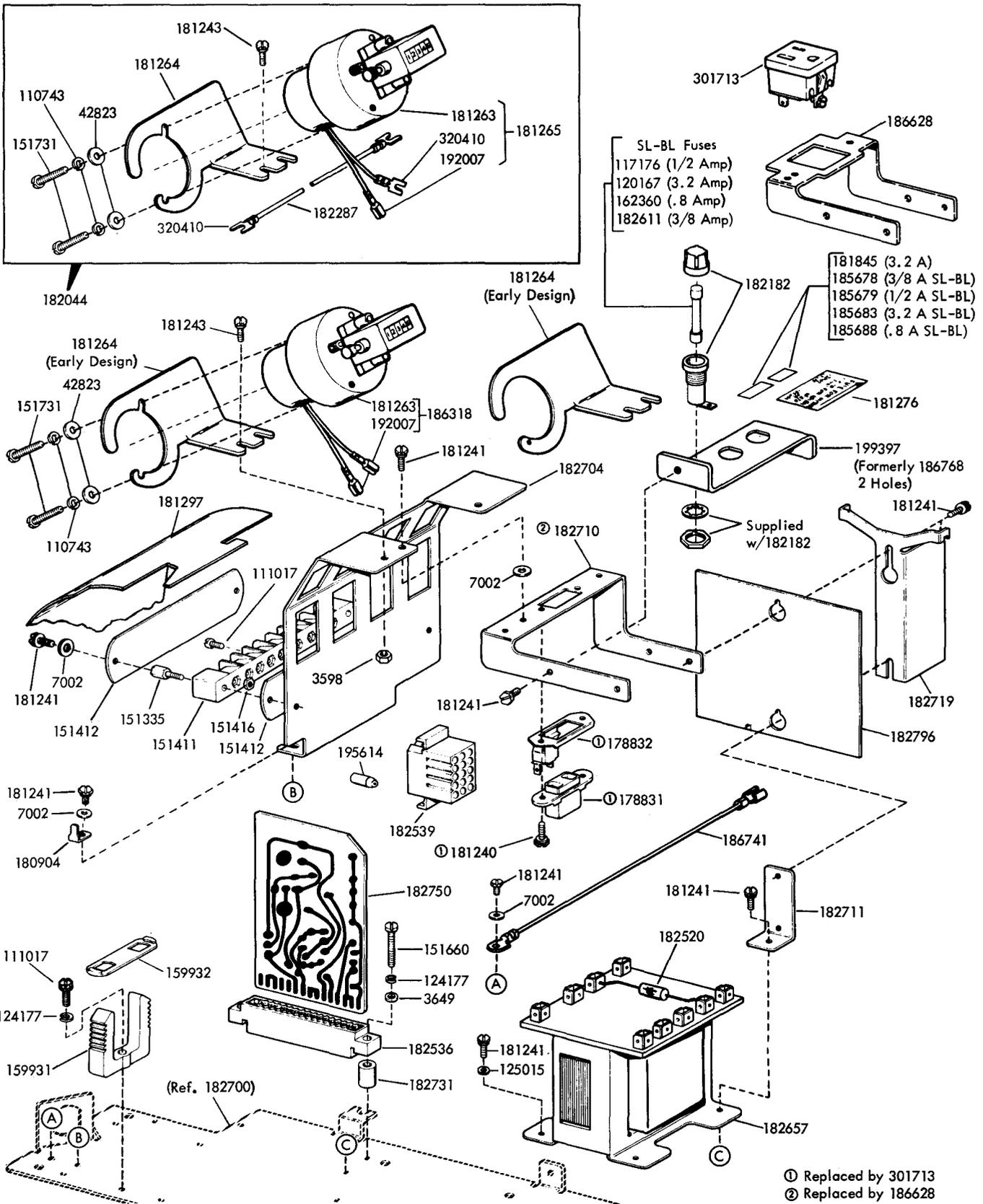


FIGURE 5. ELECTRICAL COMPONENTS FOR USE WITH TOUCH-TONE OR CARD DIALING

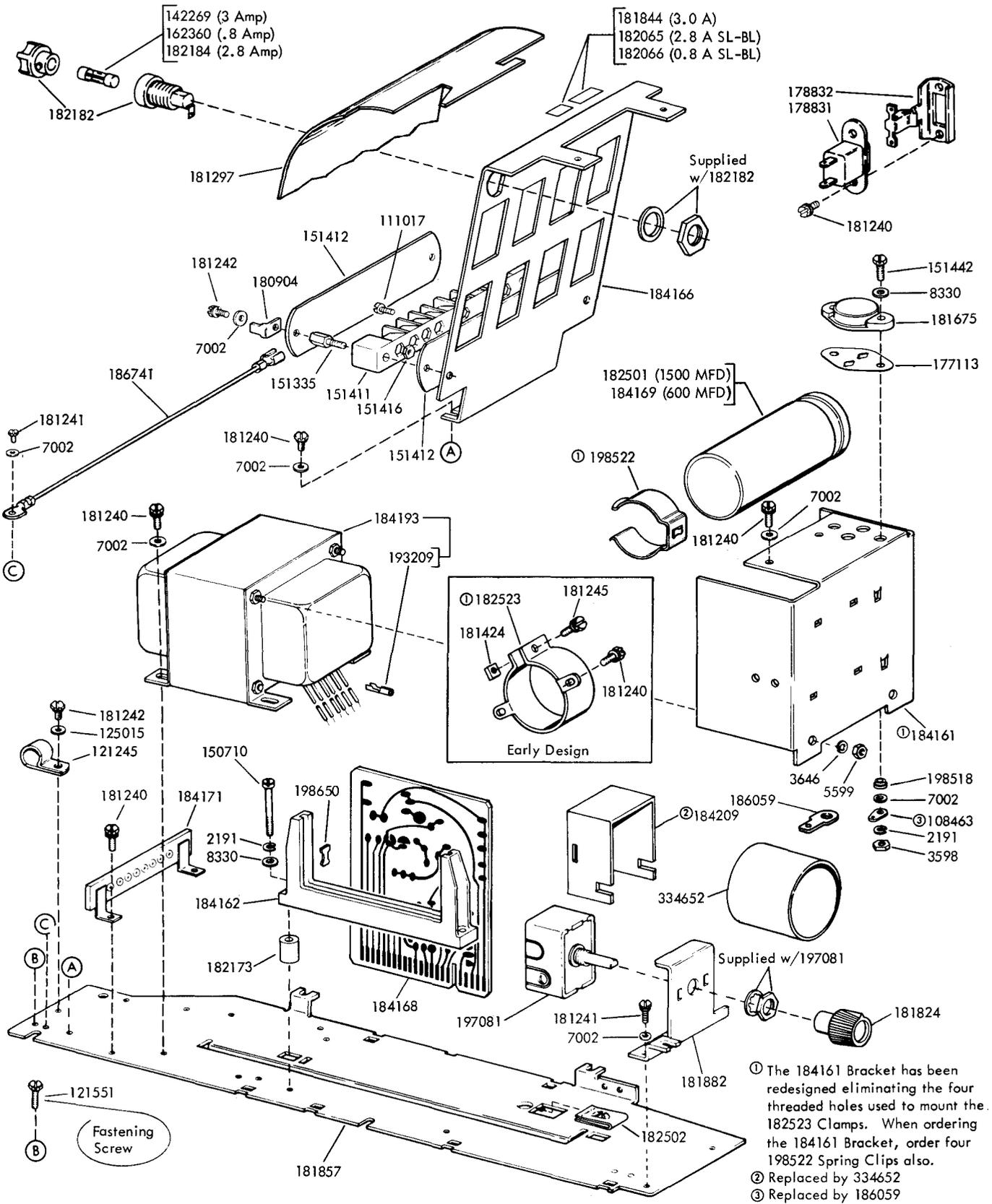


FIGURE 7. ELECTRICAL COMPONENTS FOR COMPUTER CONTROL PRIVATE LINE

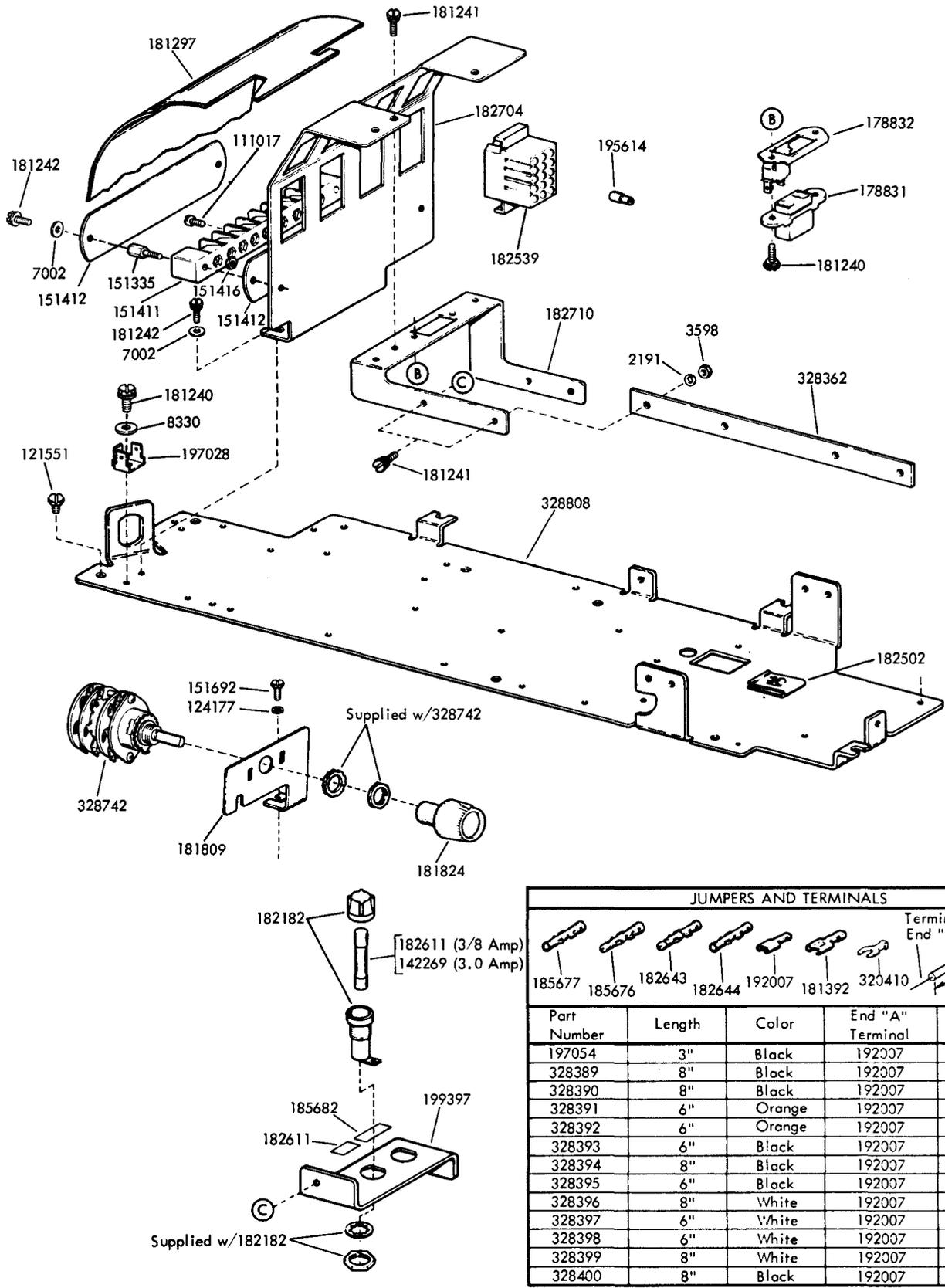


FIGURE 8. BASE PLATE AND ELECTRICAL COMPONENTS FOR USE WITH STATION CONTROLLERS

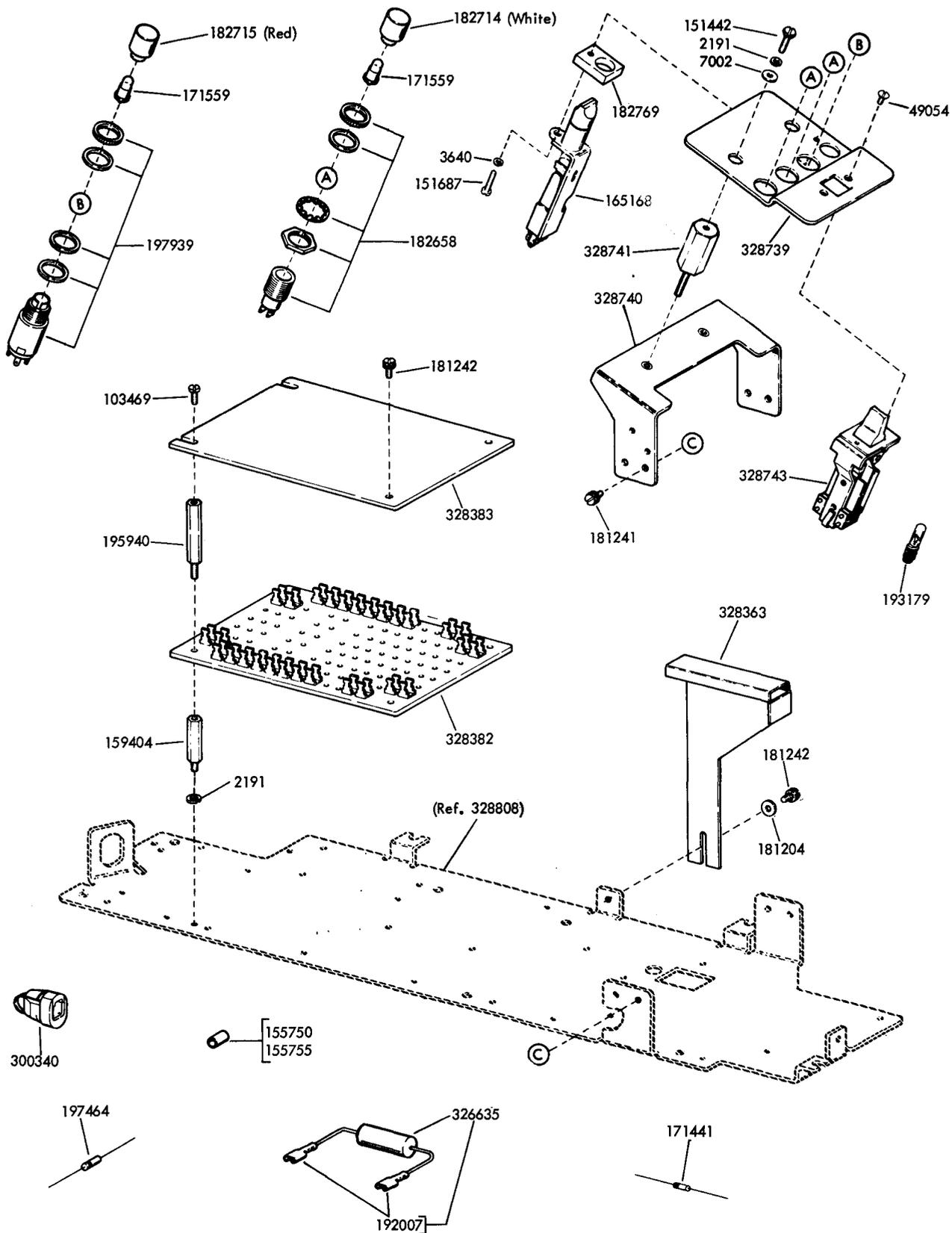


FIGURE 9. BASE PLATE AND ELECTRICAL COMPONENTS FOR USE WITH STATION CONTROLLER (Continued)

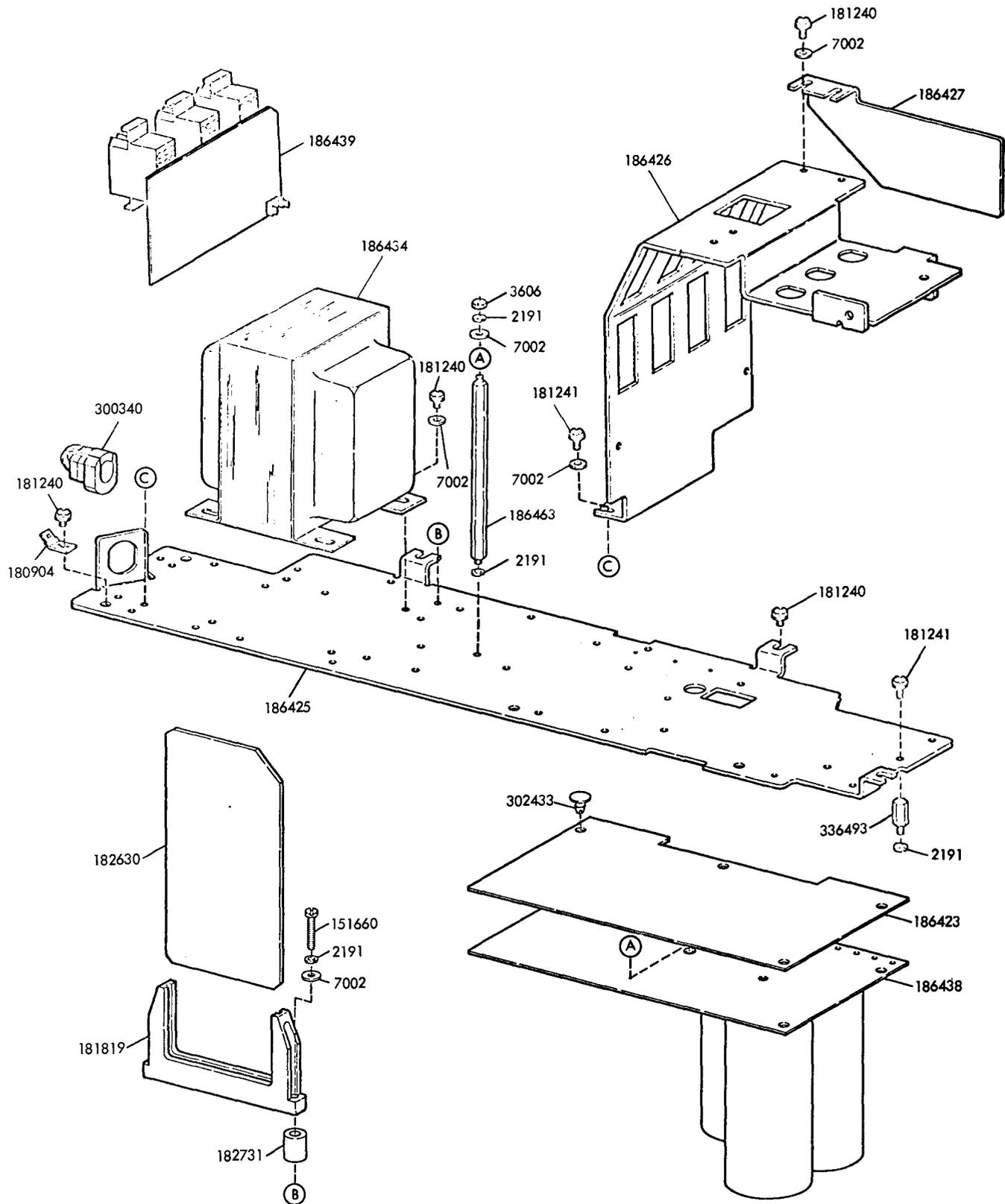
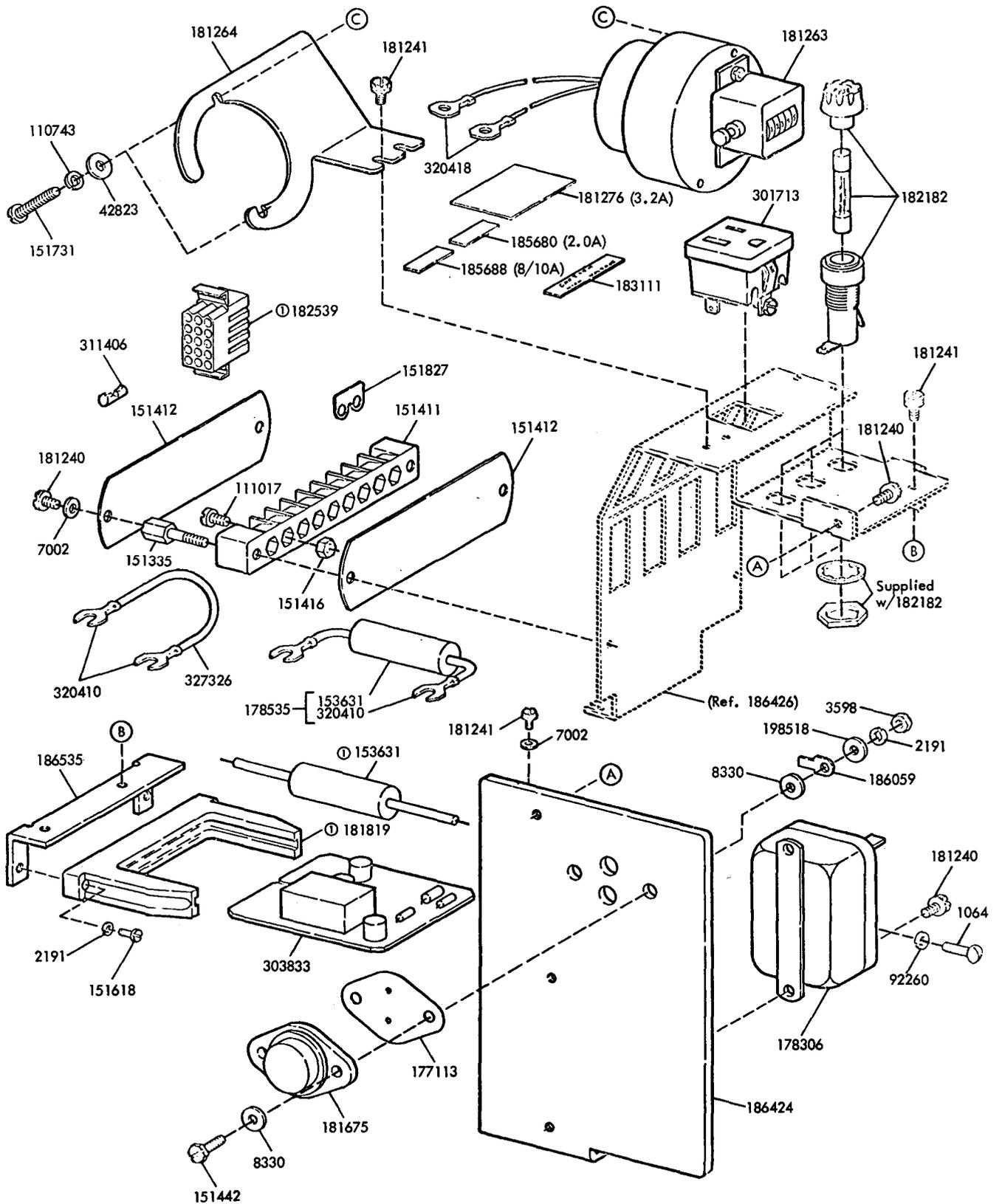


FIGURE 10. BASE PLATE AND ELECTRICAL COMPONENTS



© 186431 Cable Assembly

FIGURE 11. BASE PLATE AND ELECTRICAL COMPONENTS (Continued)

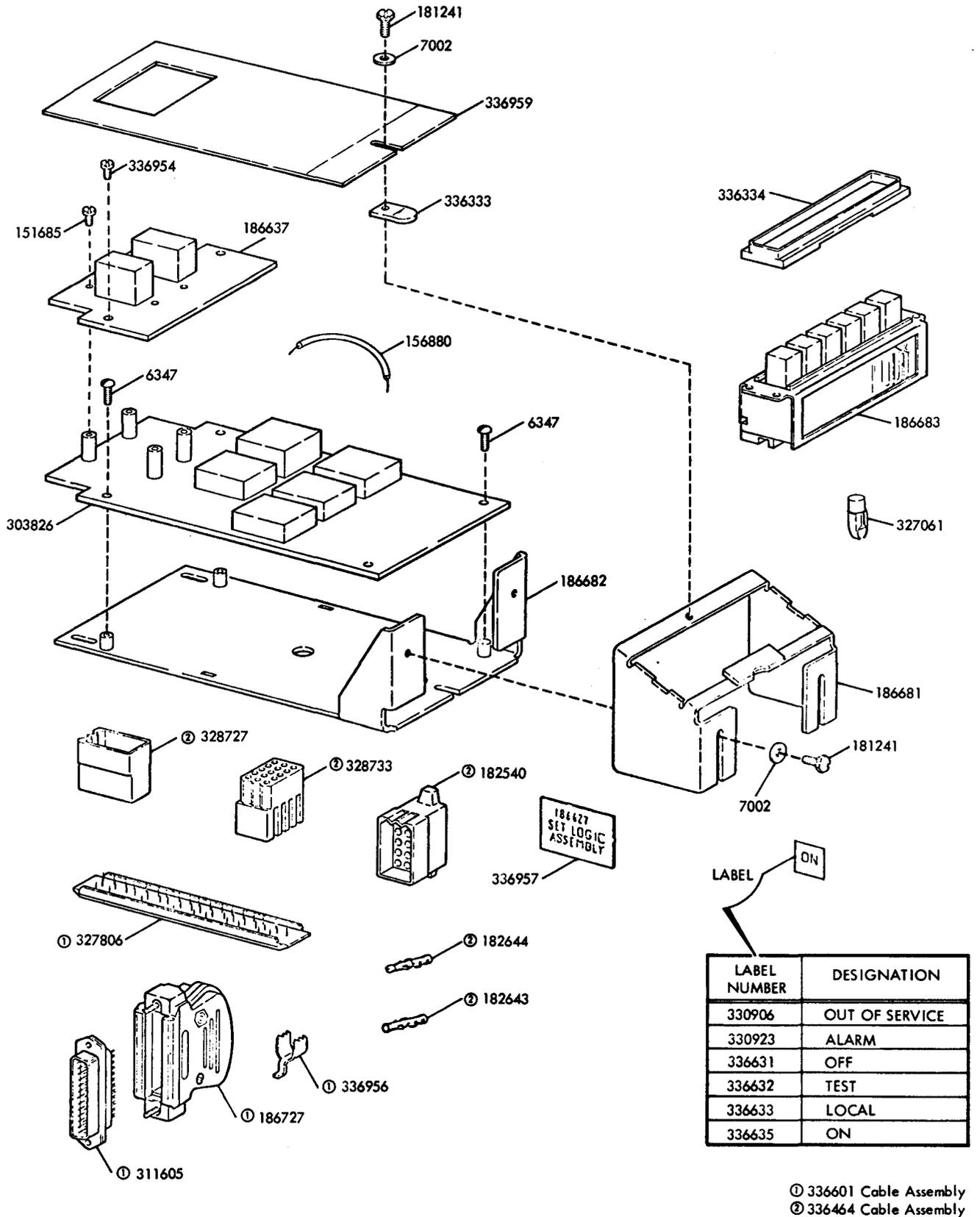
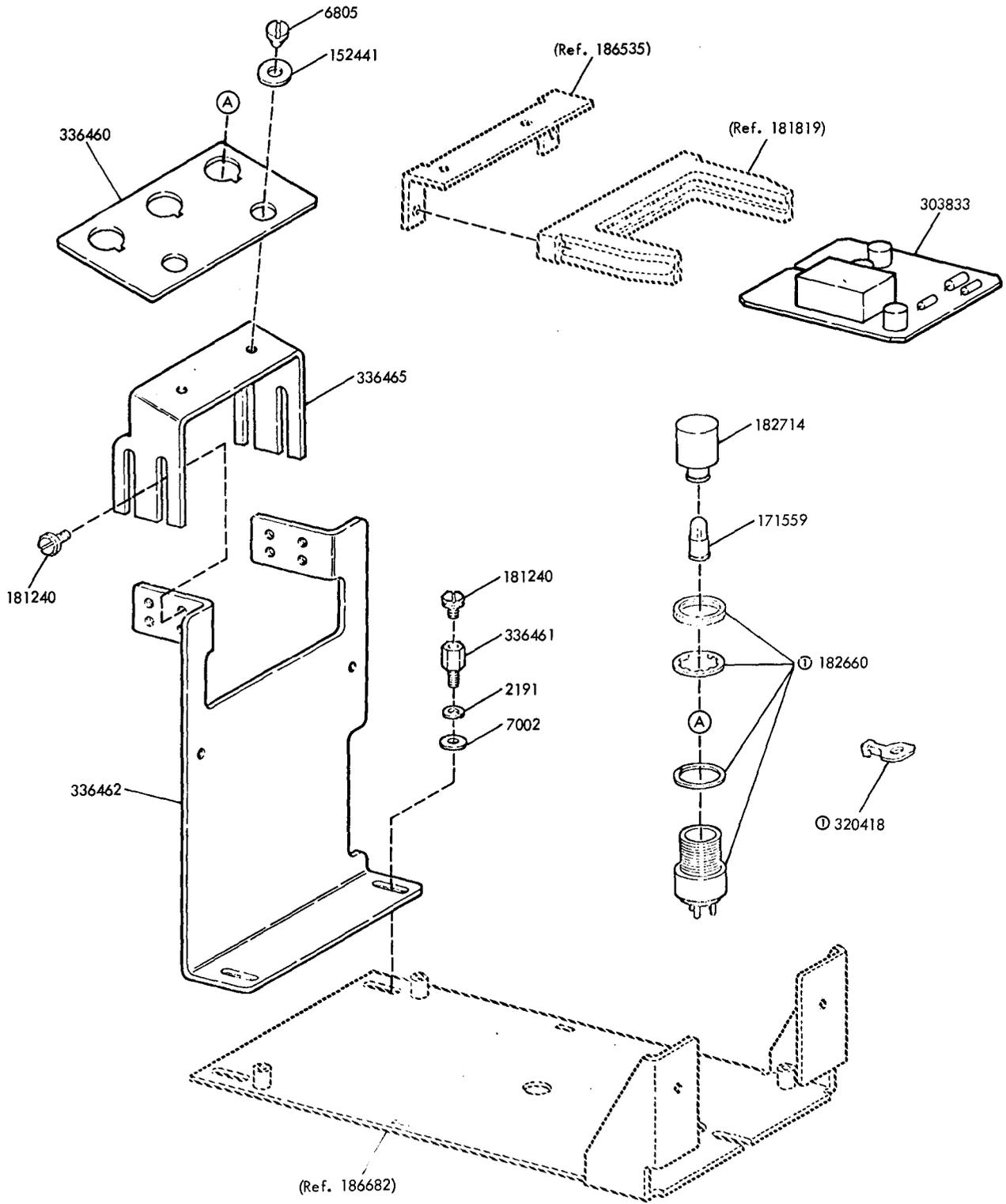
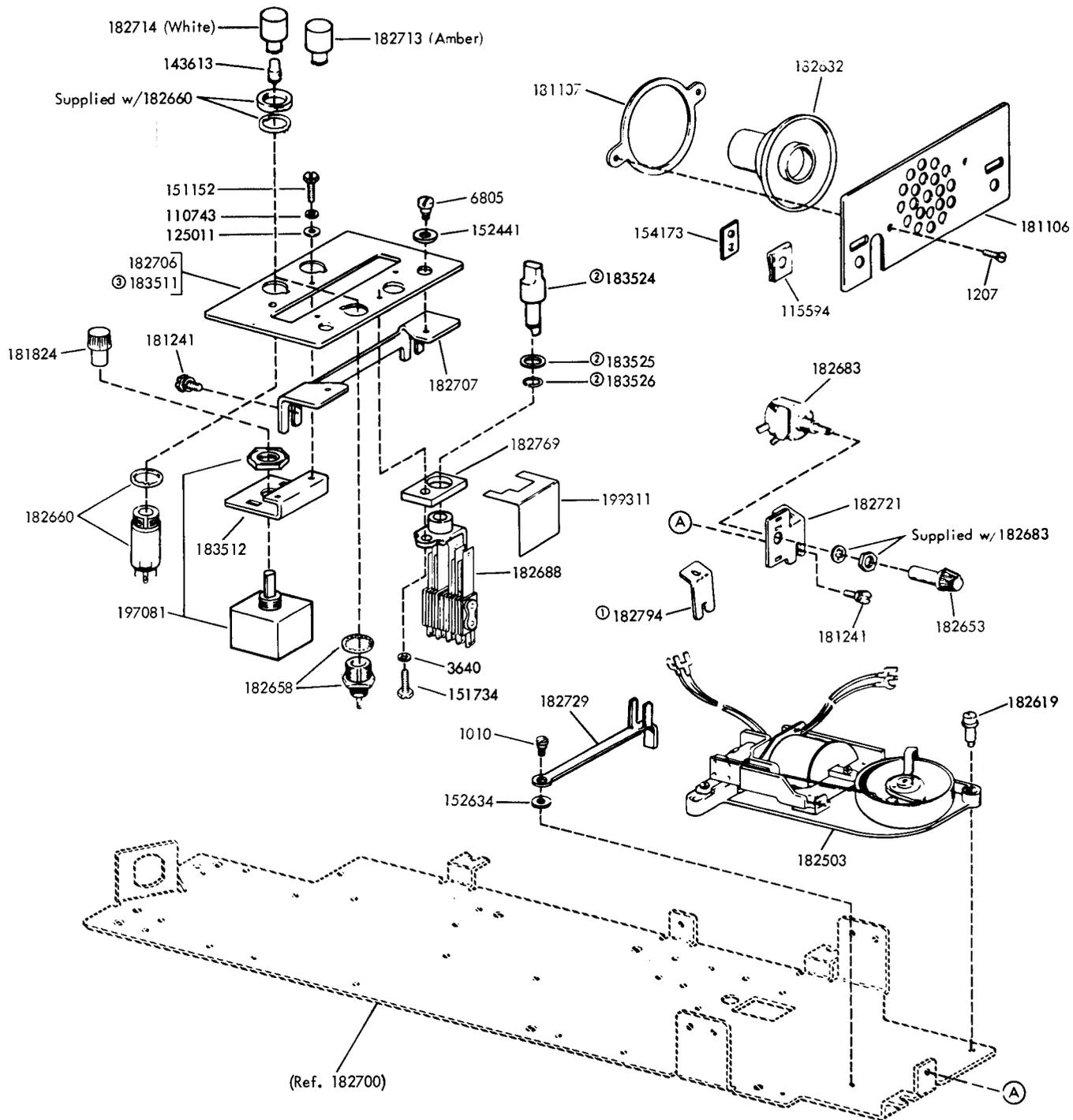


FIGURE 12. 186627 SET INTERFACE LOGIC ASSEMBLY



ⓐ 336471 Cable Assembly

FIGURE 13 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 14. ALARMS AND SPEAKER

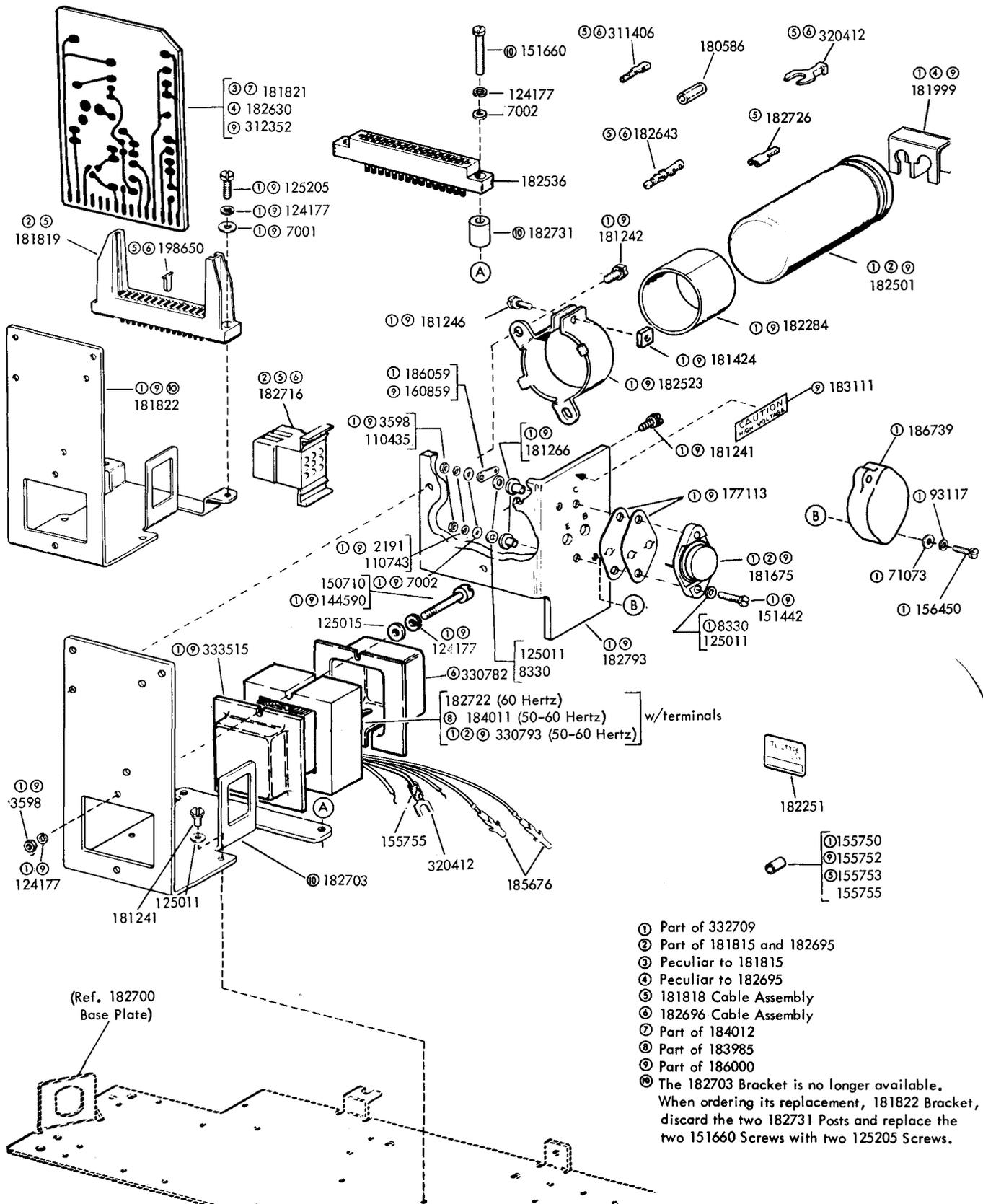
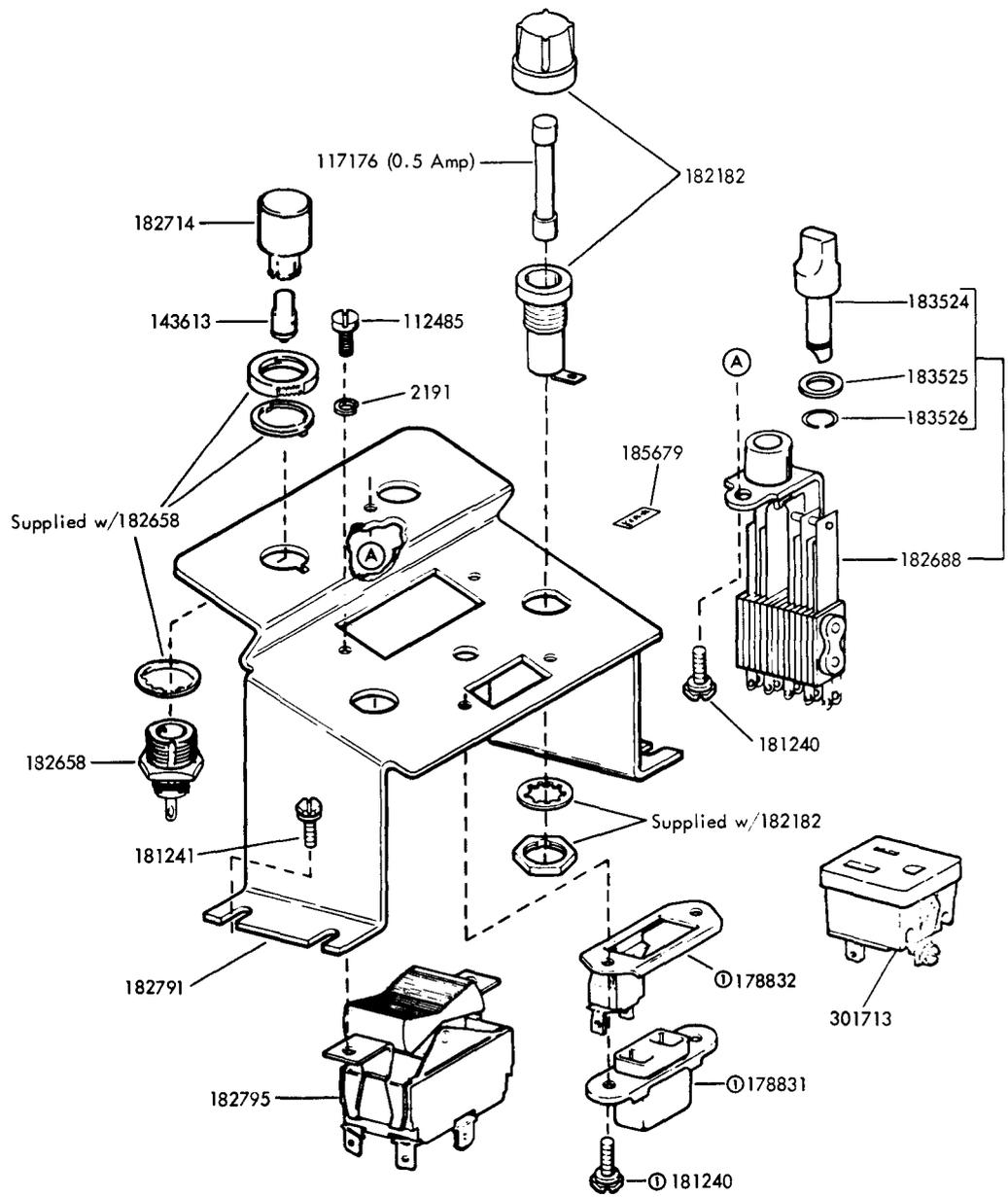
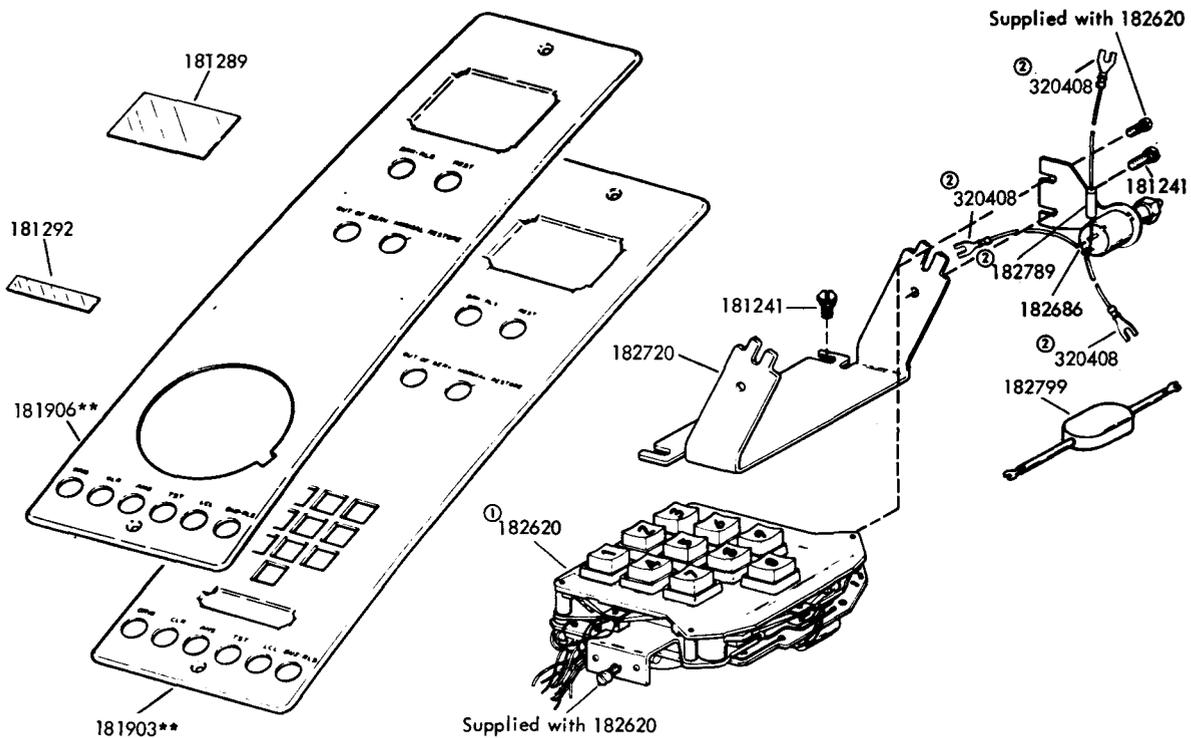


FIGURE 15. 181815, 182695, 183985, 184012, 186000 and 332709
SELECTOR MAGNET DRIVER ASSEMBLIES



ⓐ Replaced by 301713

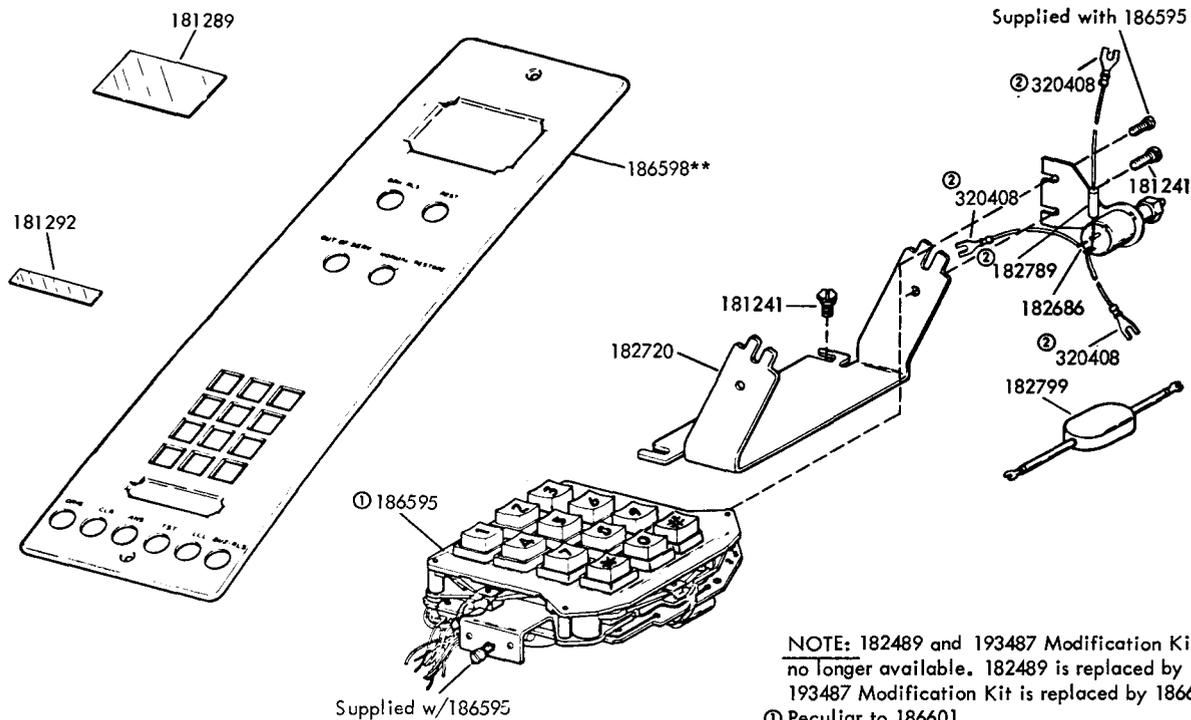
FIGURE 16. RECEIVE-ONLY BRACKET COMPONENTS



Manual 10-button
TOUCH-TONE dial

Part of 182489 (less Dialer) and 193487 (with Dialer)
Modification Kits (Specification 501565)

- ① Peculiar to 193487
- ② Part of 182686
- ③ Peculiar to 182489

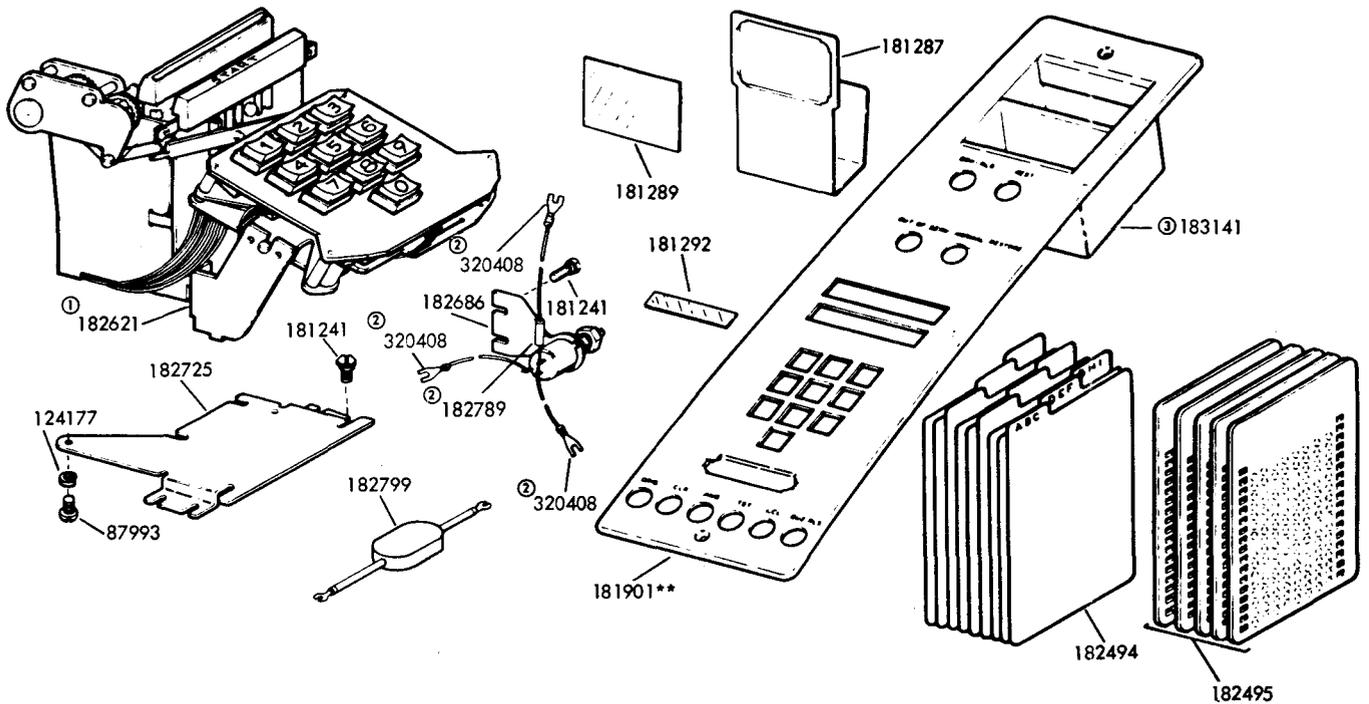


Manual 12-button
TOUCH-TONE dial

Part of 186600 (less Dialer) and 186601 (with Dialer)
Modification Kits (Specification 501565)

- NOTE: 182489 and 193487 Modification Kits are no longer available. 182489 is replaced by 186600. 193487 Modification Kit is replaced by 186601.
- ① Peculiar to 186601
 - ② Part of 182686
- ** Refer to page 1 for finish suffix

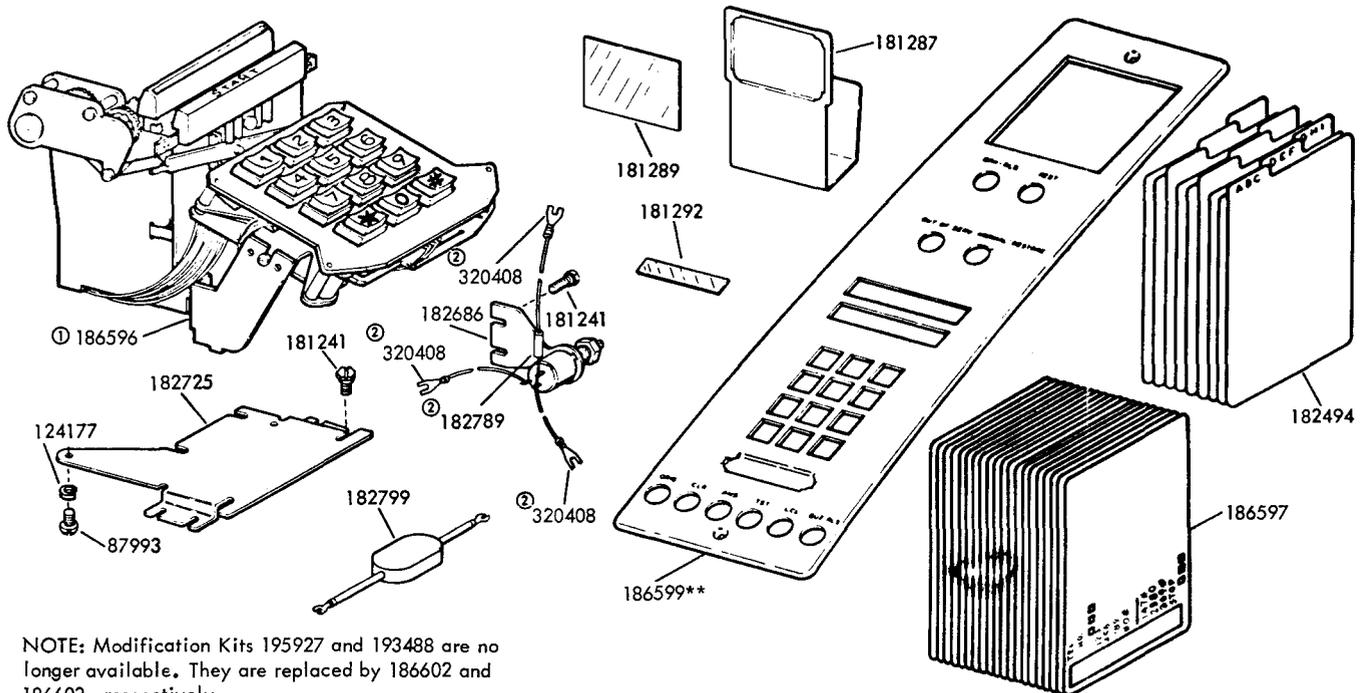
FIGURE 17. 182489, 193487, 186600 and 186601 DIAL MODIFICATIONS



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



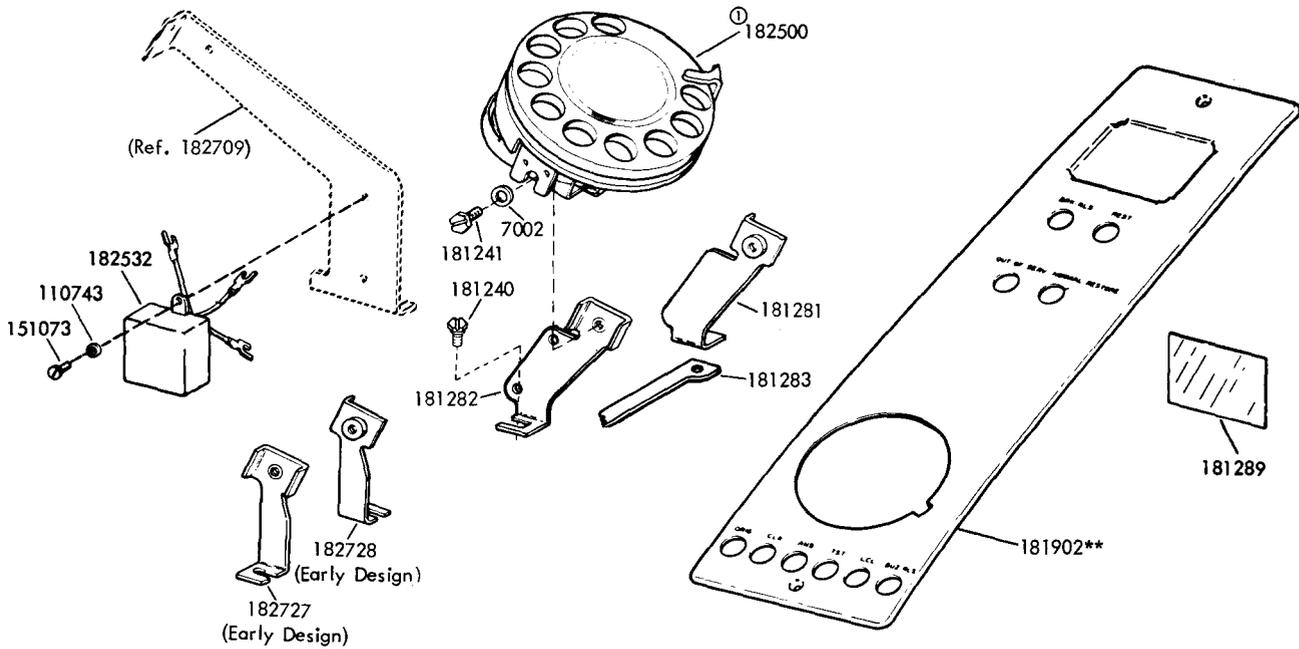
NOTE: Modification Kits 195927 and 193488 are no longer available. They are replaced by 186602 and 186603, respectively.

Manual 12-button
TOUCH-TONE and Card Dial

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

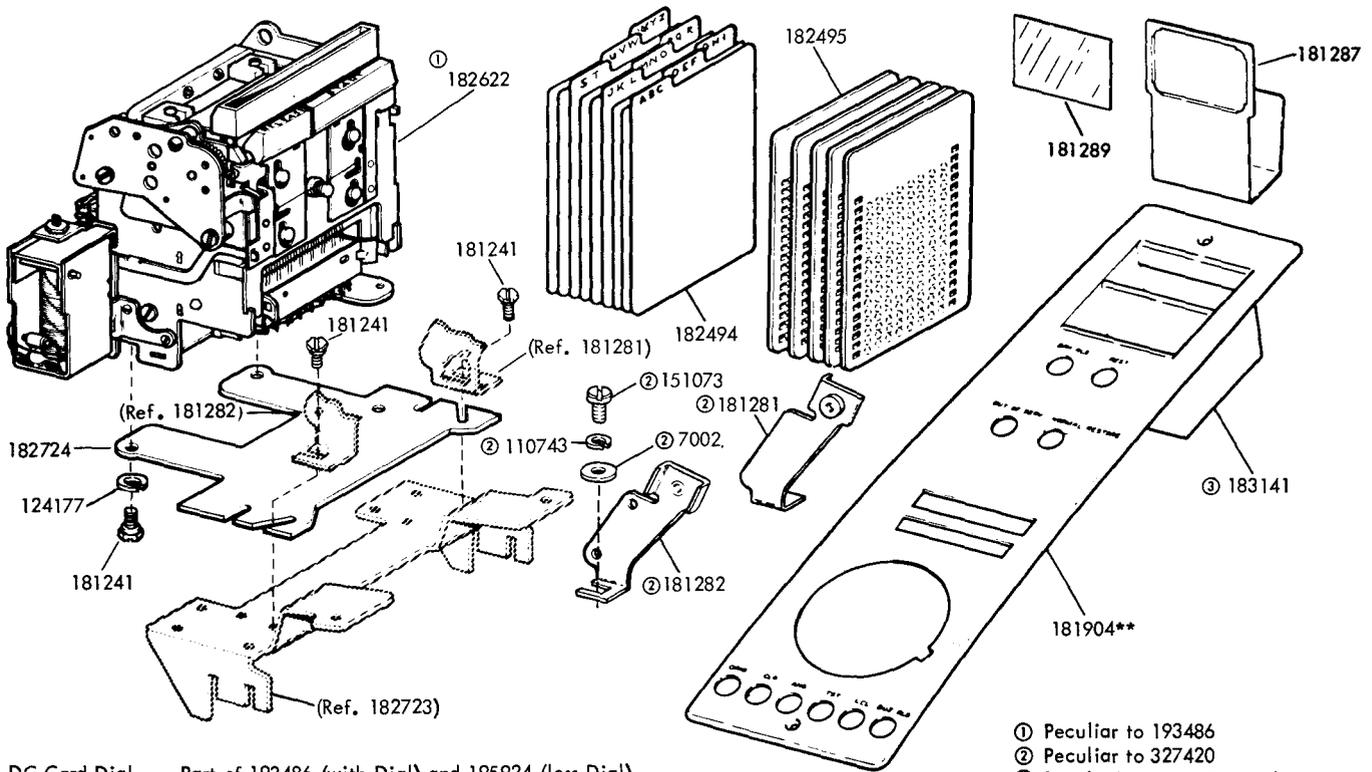
- ① Peculiar to 186603
- ② Part of 182686
- ** Refer to page 1 for finish suffix

FIGURE 18. 186602, 186603, 193488 and 195927 DIAL MODIFICATIONS (Continued)



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

FIGURE 19. 193486, 193489, 195924, 195926 and 327420 DIAL MODIFICATIONS (Continued)

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

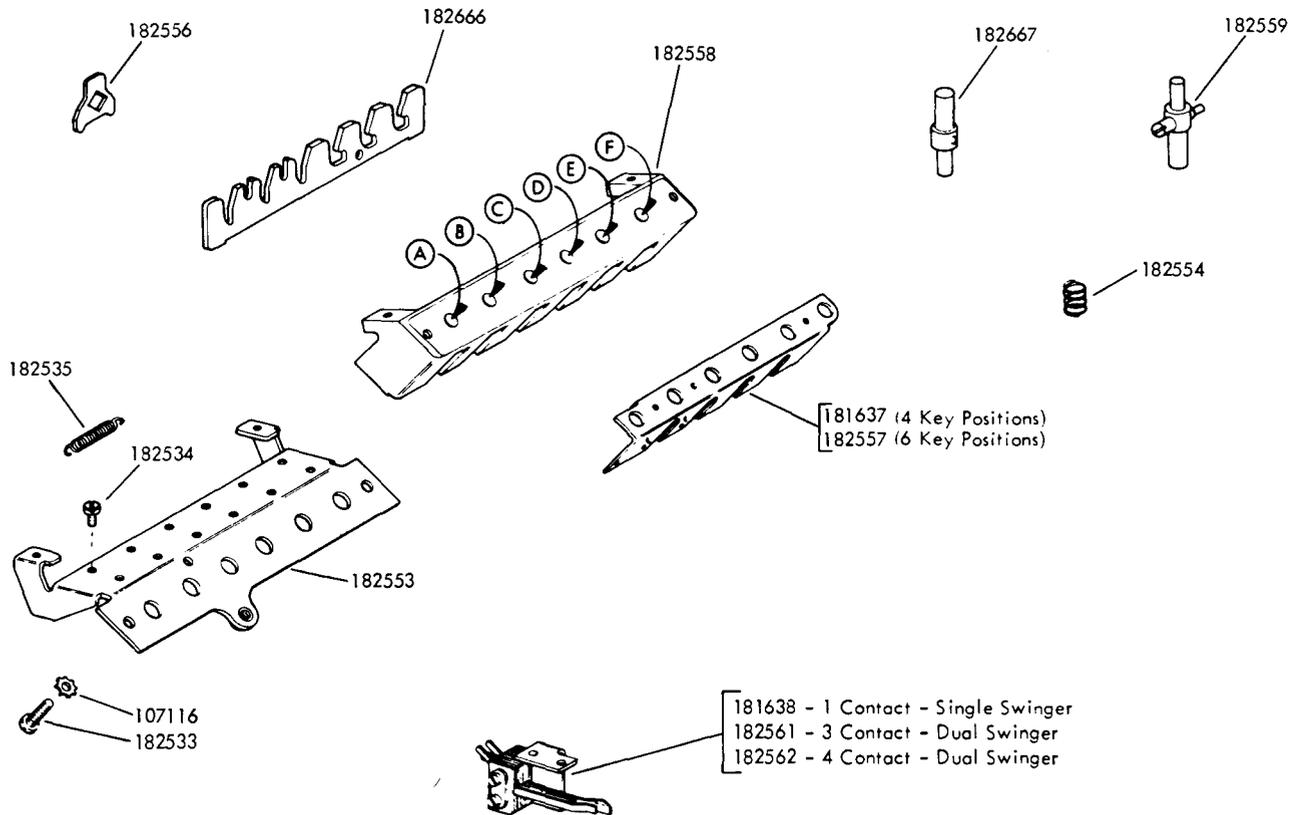


FIGURE 20. KEY ASSEMBLIES

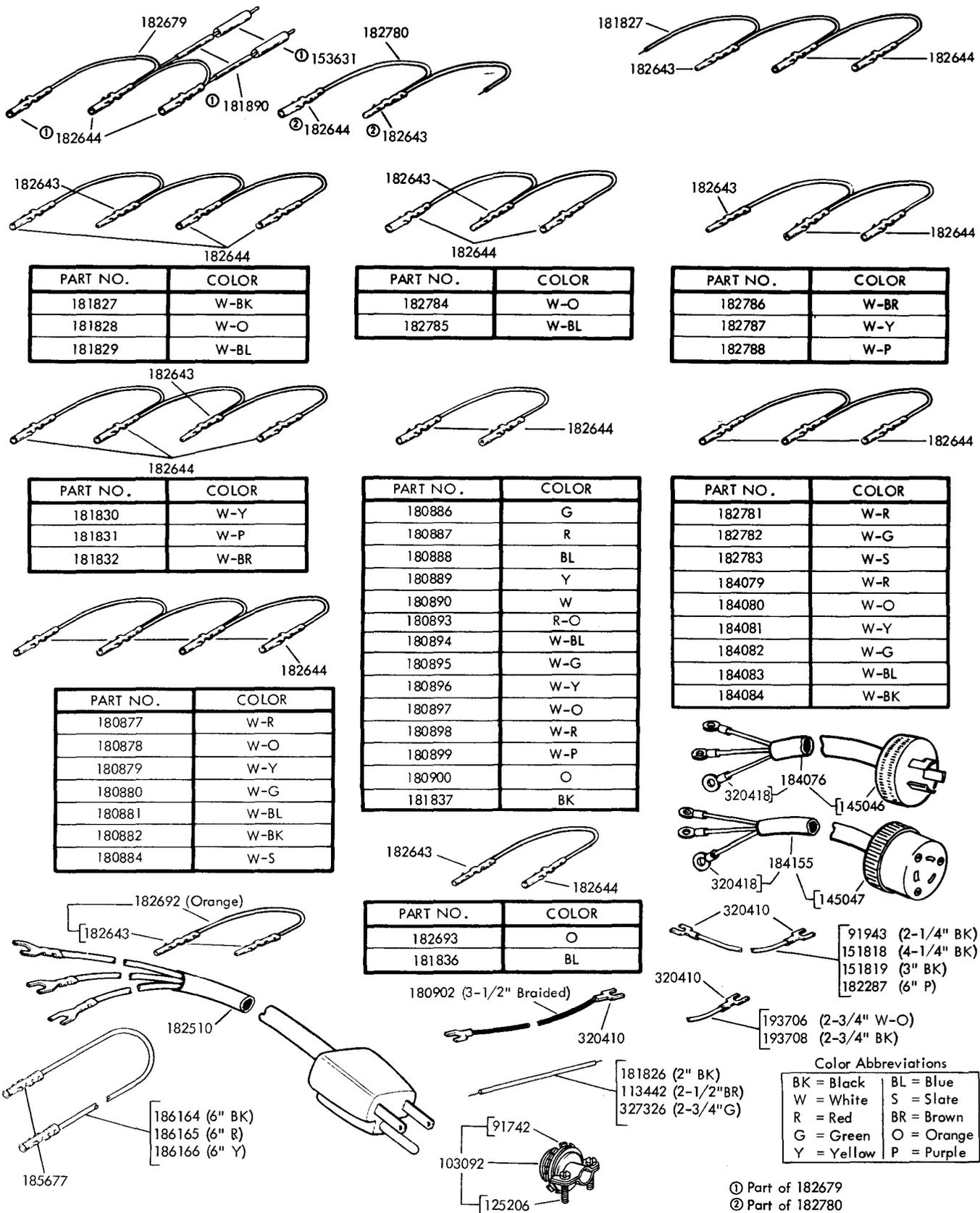


FIGURE 21. POWER CORDS AND JUMPERS

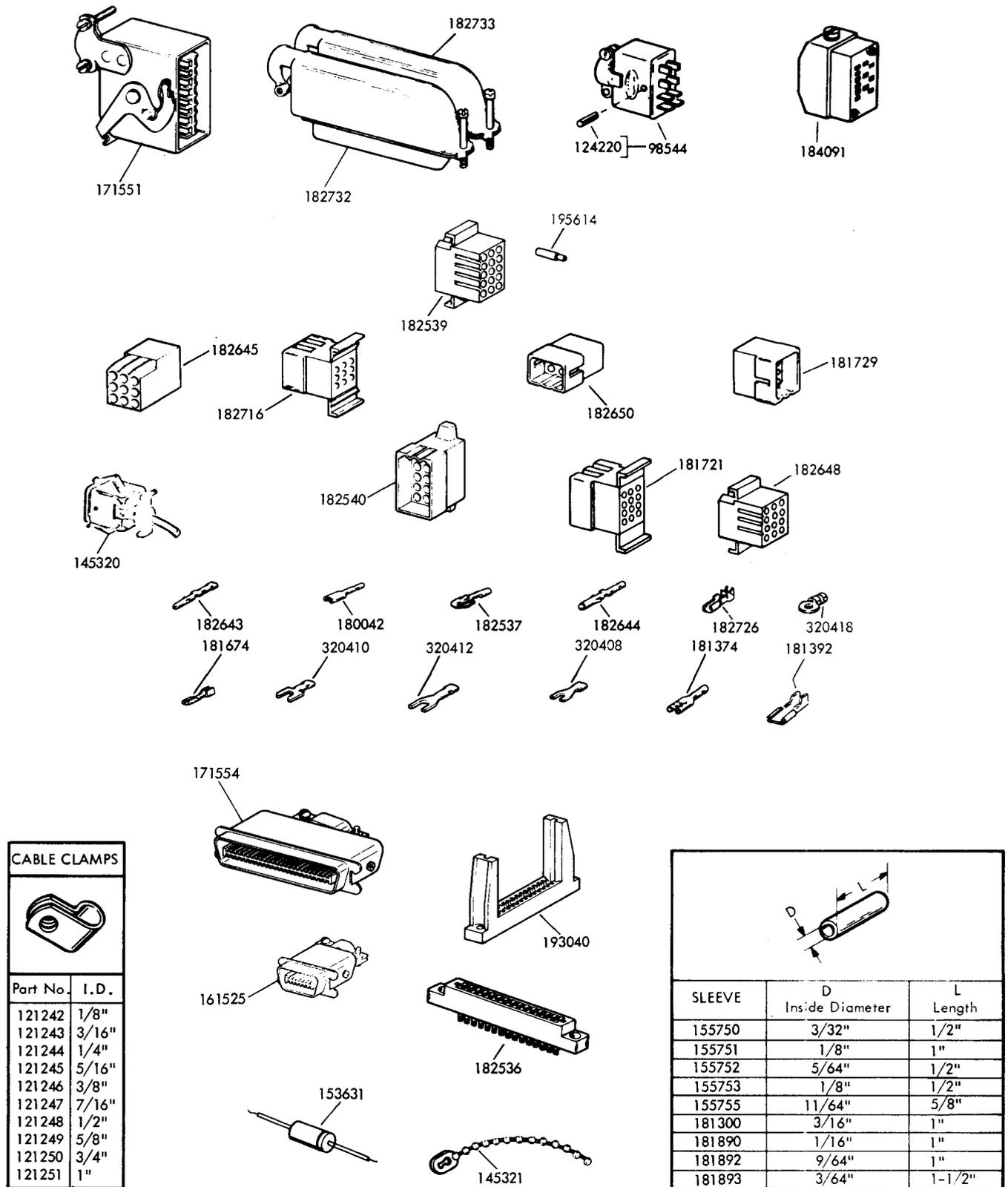
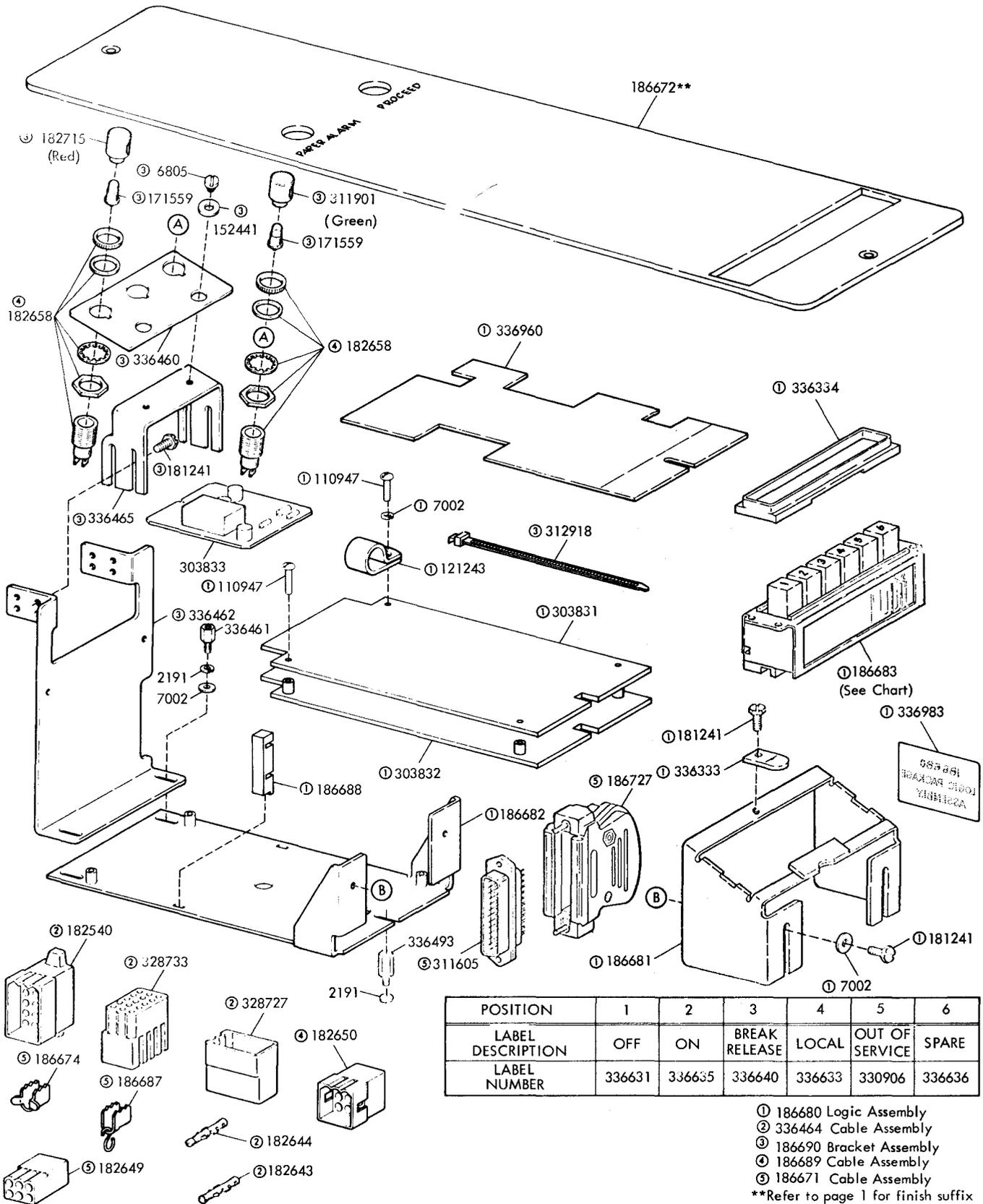


FIGURE 22. CABLE COMPONENTS



POSITION	1	2	3	4	5	6
LABEL DESCRIPTION	OFF	ON	BREAK RELEASE	LOCAL	OUT OF SERVICE	SPARE
LABEL NUMBER	336631	336635	336640	336633	330906	336636

- ① 186680 Logic Assembly
 - ② 336464 Cable Assembly
 - ③ 186690 Bracket Assembly
 - ④ 186689 Cable Assembly
 - ⑤ 186671 Cable Assembly
- **Refer to page 1 for finish suffix

FIGURE 23. 186670 MODIFICATION KIT TO PROVIDE PRIVATE LINE

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 15	113442	Jumper, 2-1/2" Brown 22	151415	Block, Terminal 3
1028	Screw, 4-40 x 1/4 Fil 3	115594	Nut, Speed 15	151416	Nut, 6-40 Hex 3,5,6,7,8,9,12
1064	Screw, 6-32 x 1/2 Rd 12	117176	Fuse, SL-BL 0.5 Amp 2,6,7,17	151442	Screw, 6-40 x 1/2 Hex 4,8,10,12,16
1207	Screw, 4-36 x 5/16 Flat 15	120167	Fuse, SL-BL 3.2 Amp 6,7	151618	Screw, 6-40 x 7/16 Fil 12
2191	Lockwasher 2,3,4,5,8,9,10,11,12,14,16,17,24	121242	Clamp, 1/8 ID Cable 23	151660	Screw, 6-40 x 7/8 Fil 6,11,16
3598	Nut, 6-40 Hex 4,5,6,8,9,12,16	121243	Clamp, 3/16 ID Cable 23,24	151685	Screw, 4-40 x 5/16 Fil 13
3606	Nut, 6-40 Hex 4,11	121244	Clamp, 1/4 ID Cable 23	151687	Screw, 4-40 x 7/16 Fil 10
3640	Lockwasher 10,15	121245	Clamp, 5/16 ID Cable 7,8,23	151692	Screw, 6-40 x 3/16 Fil 7,9
3646	Lockwasher 8	121246	Clamp, 3/8 ID Cable 23	151693	Screw, 6-40 x 9/16 Fil 4
3649	Washer, Flat 4,6	121247	Clamp, 7/16 ID Cable 7,23	151731	Screw, 4-40 x 7/8 Fil 5,6,12
5599	Nut, 8-32 Hex 8	121248	Clamp, 1/2 ID Cable 23	151734	Screw, 4-40 x 3/8 Hex 15
6347	Screw, 6-32 x 3/8 Rd 13	121249	Clamp, 5/8 ID Cable 23	151738	Screw, Spl. 7
6805	Screw, 6-40 Shoulder 14,15,24	121250	Clamp, 3/4 ID Cable 23	151818	Jumper, 4-1/4" Black 22
7001	Washer, Flat 16	121251	Clamp, 1 ID Cable 23	151819	Jumper, 3" Black 22
7002	Washer, Flat 2 to 13,14,16,20,24	121551	Screw, 8-32 x 1/4 Hex 2,3,7,8,9	151827	Strap, Terminal 5,12
8330	Washer, Flat 8,9,12,16	124177	Lockwasher, 4,6,7,9,16,19,20	152441	Washer, Flat 14,15,24
42823	Washer, Flat 5,6,12	124220	Pin, Drive 23	152634	Washer, Flat 15
49054	Screw, 2-56 x 3/16 Flat 10	125011	Washer, Flat 2,3,15,16	152893	Screw, 4-40 x 1/4 Hex 2,3
70072	Lockwasher 4	125015	Washer, Flat 3,4,6,7,8,16	153484	Screw, 6-32 Spl 3
71073	Washer, Flat 16	125205	Screw, 6-40 x 7/16 Fil 16	153631	Network, Spark Suppression 5,12,22,23
75750	Washer, Insulating 3	125206	Screw, 6-32 x 5/8 Fil 22	153799	Screw, 4-40 x 21/64 Hex 3
77362	Resistor, 350 Ohm 3	138538	Fuse, SL-BL 2 Amp 7	154173	Plate 15
77902	Screw, 6-40 x 2-3/8 Rd 3	142269	Fuse, SL-BL 3 Amp 7,8,9	155750	Sleeve, 3/32 ID x 1/2" Lg Insulating 10,16,23
87993	Screw, 6-40 x 5/32 Fil 19	143613	Lamp, 14V Incandescent 2,15,17	155751	Sleeve, 1/8 ID x 1" Lg Insulating 23
90787	Screw, 4-40 x 3/8 Hex 2	144590	Screw, 6-40 x 1-3/8 Fil 4,16	155752	Sleeve, 5/64 ID x 1/2" Lg Insulating 16,23
91742	Locknut 22	145046	Connector, 3 Pt Plug 22	155753	Sleeve, 1/8 ID x 1/2" Lg Insulating 16,23
91943	Jumper, 2-1/4" Black 22	145047	Connector, 3 Pt Receptacle 22	155755	Sleeve, 11/64 ID x 5/8" Lg Insulating 10,16,23
92260	Lockwasher 12	145320	Connector, 4 Pt Receptacle 23	156450	Screw, 2-56 x 1/2 Fil 16
93117	Lockwasher 16	145321	Tie, Cable 23	156880	Jumper, 2-3/8" Black 13
96717	Screw, 4-40 Shoulder 2	150710	Screw, 6-40 x 1-1/4 Fil 8,16	159404	Post 10
98544	Connector, 8Pt Plug 23	150966	Insulator, Terminal 3	159931	Clamp 6,7
98726	Screw, 3-48 x 1/4 Fil 4	150978	Screw, 6-40 x 1-1/8 Fil 4	159932	Keeper 6,7
103092	Connector, Cord 22	150982	Screw, 4-40 x 7/16 Fil 3	160859	Terminal 16
103469	Screw, 4-40 Spl 10	151073	Screw, 4-40 x 5/32 Fil 20	161525	Connector, 14 Pt Plug 23
107116	Lockwasher 21	151152	Screw, 4-40 x 3/16 Hex 15	162360	Fuse, SL-BL .8 Amp 6,8
108463	Terminal 4,8	151335	Stud 3,5,6,7,8,9,12	165168	Key 10
110435	Nut, 4-40 Hex 16	151411	Block, Terminal 5,6,7,8,9,12	171441	Resistor, 560 Ohm 10
110743	Lockwasher 2,3,5,6,7,12,15,16,20	151412	Insulator, Terminal 5,6,7,8,9,12	171536	Resistor, 2,250 Ohm 5
110947	Screw, 6-32 x 13/16 Rd 24			171551	Connector, 16 Pt Plug 23
111017	Screw, 6-40 x 5/16 Fil 3,5,6,7,8,9,12				
111647	Resistor, 1,000 Ohm 3				
112485	Screw, 6-32 x 1/4 Fil 2,17				

NUMERICAL INDEX (Continued)

Part Number	Description and Page Number	Part Number	Description and Page Number	Part Number	Description and Page Number
171554	Connector, 50 Pt Plug 23	180904	Tab, Terminal 5,6,7,8,11	181809	Bracket, Switch 9
171559	Lamp, 28V Incandescent 10,14,24	181106	Plate, Baffle 15	181810	Relay 7
171593	Fuse, .5 Amp 7	181107	Bracket 15	181814	Capacitor, 250 MFD 7
177113	Insulator 4,8,12,16	181196	Ring, Retaining 7	181815	Driver Assembly, Selector Magnet 1,16
178306	Relay, Power 12	181204	Washer, Flat 10	181816	Resistor, 4,200 Ohm 7
178535	Suppressor, Spark 3,12	181240	Screw w/Lockwasher, 6-40 x 3/16 Hex 2,6,7,8,9,11, 12,14,17,20	181817	Bracket 7
178831	Connector, 2 Pt Recep- tacle 2,6,7,8,9,17	181241	Screw w/Lockwasher, 6-40 x 1/4 Hex 2 to 13,15,16, 17,18,19,20,24	181818	Cable Assembly 16
178832	Plate, Adapter 2,6,7,8,9, 17	181242	Screw w/Lockwasher, 6-40 x 5/16 Hex 7,8,9,10,16	181819	Connector, 15 Pt Circuit Card 11,12,14,16
178883	Resistor, 1,500 Ohm 5	181243	Screw w/Lockwasher, 6-40 x 3/8 Hex 6	181821	Card, Circuit 16
180042	Terminal, Tab Type 23	181245	Screw w/Lockwasher, 6-40 x 3/8 Hex 8	181822	Bracket 16
180586	Sleeve, 5/32 ID x 21/32" Lg Insulating 16	181246	Screw w/Lockwasher, 6-40 x 5/8 Hex 7,16	181824	Knob, Gray Pointer 7,8,9, 15
180877	Jumper, 2-3/4" White-Red 22	181263	Timer, Hour 6,12	181825	Cover, Relay 7
180878	Jumper, 2-3/4" White- Orange 22	181264	Bracket 6,12	181826	Jumper, 2" Black 22
180879	Jumper, 2-3/4" White- Yellow 22	181265	Timer w/Terminals 6	181827	Jumper, 2-3/4" White- Black 22
180880	Jumper, 2-3/4" White- Green 22	181266	Bushing, Insulating 16	181828	Jumper, 2-3/4" White- Orange 22
180881	Jumper, 2-3/4" White- Blue 22	181276	Plate, Name 6,12	181829	Jumper, 2-3/4" White- Blue 22
180882	Jumper, 2-3/4" White- Black 22	181281	Bracket, Right 20	181830	Jumper, 2-3/4" White- Yellow 22
180884	Jumper, 2-3/4 White- Slate 22	181282	Bracket, Left 20	181831	Jumper, 2-3/4" White- Purple 22
180886	Jumper, 2-1/2" Green 22	181283	Spacer, .065" Thk 3,20	181832	Jumper, 2-3/4" White- Brown 22
180887	Jumper, 2-1/2" Red 22	181287	Holder, Card 19,20	181836	Jumper, 4-1/2" Blue 22
180888	Jumper, 2-1/2" Blue 22	181289	Window, Plastic 18,19,20	181837	Jumper, 4-1/2' Black 22
180889	Jumper, 2-1/2" Yellow 22	181292	Window, Plastic 18,19	181840	Plate, Name 7
180890	Jumper, 2-1/2" White 22	181297	Cover, Insulating 5,6,7,8 9	181842	Plate, Name 7
180893	Jumper, 2-1/2" Red- Orange 22	181300	Sleeve, 3/16 ID x 1" Lg Insulating 23	181844	Plate, Name 7,8
180894	Jumper, 2-1/2" White- Blue 22	181374	Terminal, Tab Type 23	181845	Plate, Name 6,7
180895	Jumper, 2-1/2" White- Green 22	181392	Terminal, Tab Type 9,23	181857	Plate 8
180896	Jumper, 2-1/2" White- Yellow 22	181424	Nut, 6-40 Sq 7,8,16	181879	Transformer, Power 7
180897	Jumper, 2-1/2" White- Orange 22	181631	Strip Assembly, Lamp 2	181882	Bracket, Switch 8
180898	Jumper, 2-1/2" White-Red 22	181632	Button Assembly 2	181890	Sleeve, 1/16 ID x 1" Lg Insulating 22,23
180899	Jumper, 2-1/2" White- Purple 22	181637	Bracket 21	181892	Sleeve, 9/64 ID x 1" Lg Insulating 23
180900	Jumper, 2-1/2" Orange 22	181638	Contact Assembly 21	181893	Sleeve, 3/64 ID x 1-1/2" Lg Insulating 5,23
180902	Jumper, 3-1/2" Braided 22	181645	Dial, Rotary 2	181901**	Faceplate 19
		181661	Buzzer, 115V ac 2	181902**	Faceplate 20
		181672	Relay, Power 4	181903**	Faceplate 18
		181674	Terminal, Tab Type 23	181904**	Faceplate 20
		181675	Transistor, Power 4,8,12, 16	181906**	Faceplate 18
		181721	Connector, 12 Pt Plug Type 23	181994	Bracket, Guide 7
		181729	Connector Assembly 23	181999	Insulator 7,16

**Refer to page 1 for finish suffix

NUMERICAL INDEX (Continued)

Part Number	Description and Page Number	Part Number	Description and Page Number	Part Number	Description and Page Number
182044	Modification Kit 6	182565	Bracket 2	182695	Driver Assembly, Selector Magnet 1,16
182065	Plate, Identification 7,8	182566	Bracket, Left 2	182696	Cable Assembly 16
182066	Plate, Identification 8	182569	Clamp 5	182700	Plate, Base 3,6,7,15,16
182162	Post 4	182571	Screw, 6-40 Shoulder 2	182703	Bracket 16
182173	Spacer 8	182576	Bracket, Right 2	182704	Bracket 6,7,9
182182	Holder, Fuse 2,6,7,8,9, 12,17	182577	Bracket 2	182706	Plate, Pilot 15
182184	Fuse, 2.8 Amp 7,8	182581	Key Assembly 21	182707	Bracket, Pilot 15
182193	Insulator 3	182582	Key Assembly 21	182708	Bracket, Left 3
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