

35 CALL CONTROL UNIT (LCCU)

PARTS

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PAINT FINISH COLOR CODE CHART (for parts and assemblies requiring a paint finish)									
Color	Finish Suffixes				Color	Finish Suffixes			
	Wrinkle Finish	Smooth Finish	Textured Vinyl	Smooth Vinyl		Wrinkle Finish	Smooth Finish	Textured Vinyl	Smooth Vinyl
Beige		ET			Gray, Federal		BV	GG	
Beige, Light		EL		HC	Gray, Green	AB	BK	GA	
Beige, Rose		ER			Gray, Light		EJ		HB
Black	AA				Gray, Covert				HE
Black, High Gloss		BA			Gray, Olive		EW	GE	HF
Black, Semi Gloss		BB			Gray, Maritime Deck	AJ	BJ		
Blue, Aqua		EK			Gray, Oxford		EP		
Blue, Brussels Light		EC			Green, Gray	AB	BK	GA	
Blue, Medium		ES			Green, Moss		EN		HD
Brown, Dark	AD				Ivory		EM		
Brown, Light	AC				Pink, Rose		EU		
Fawn				HG	Turquoise		EV		
Gray, Beige			GC		White		EH		
Gray, Charcoal	AL	BZ	GF	HA	Yellow, Pastel		EG		
Gray, Dark			GB						

The double asterisk (\*\*) denotes a painted part. Suffix to be applied following the part number.

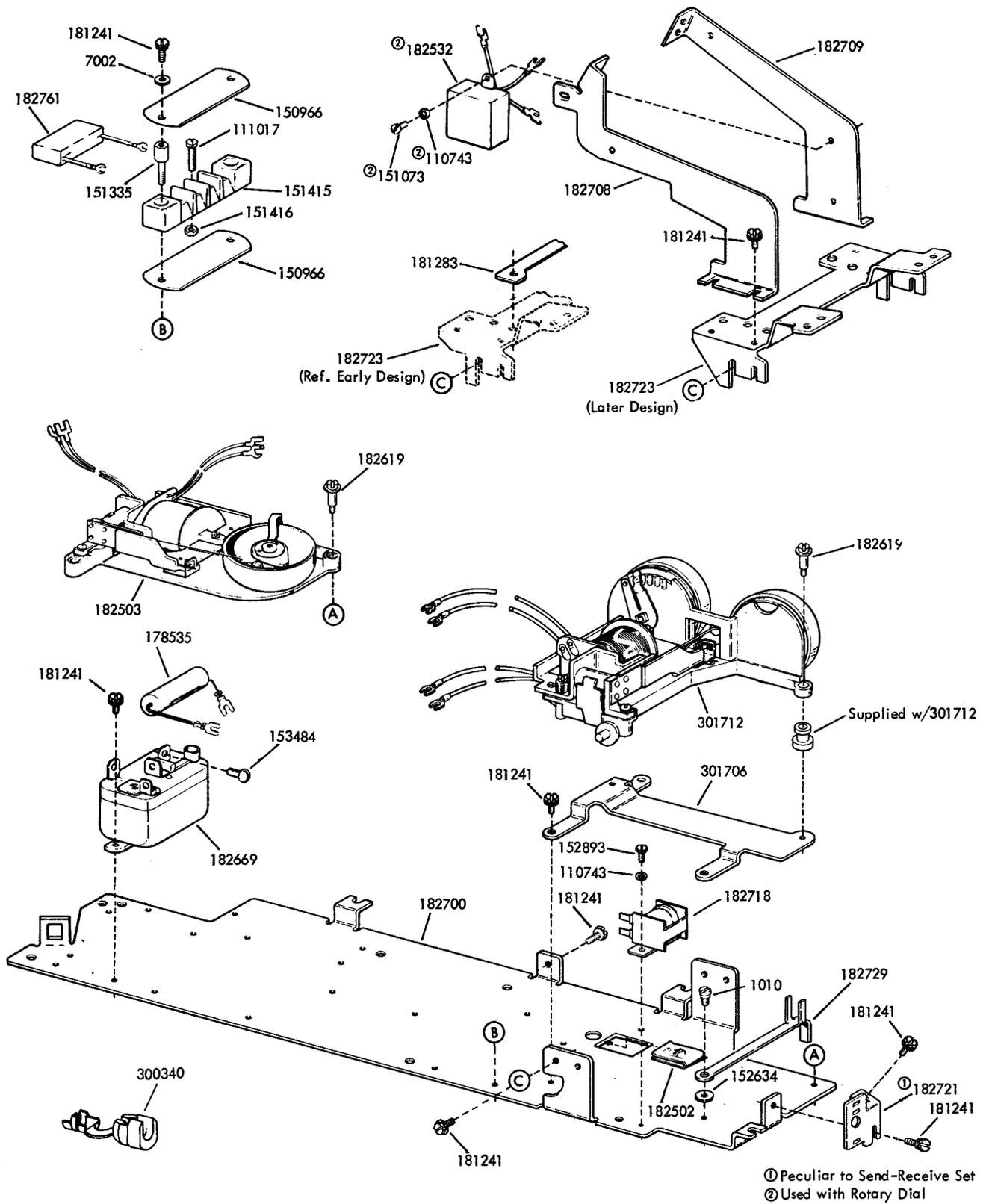


FIGURE 1. BASIC COMPONENTS

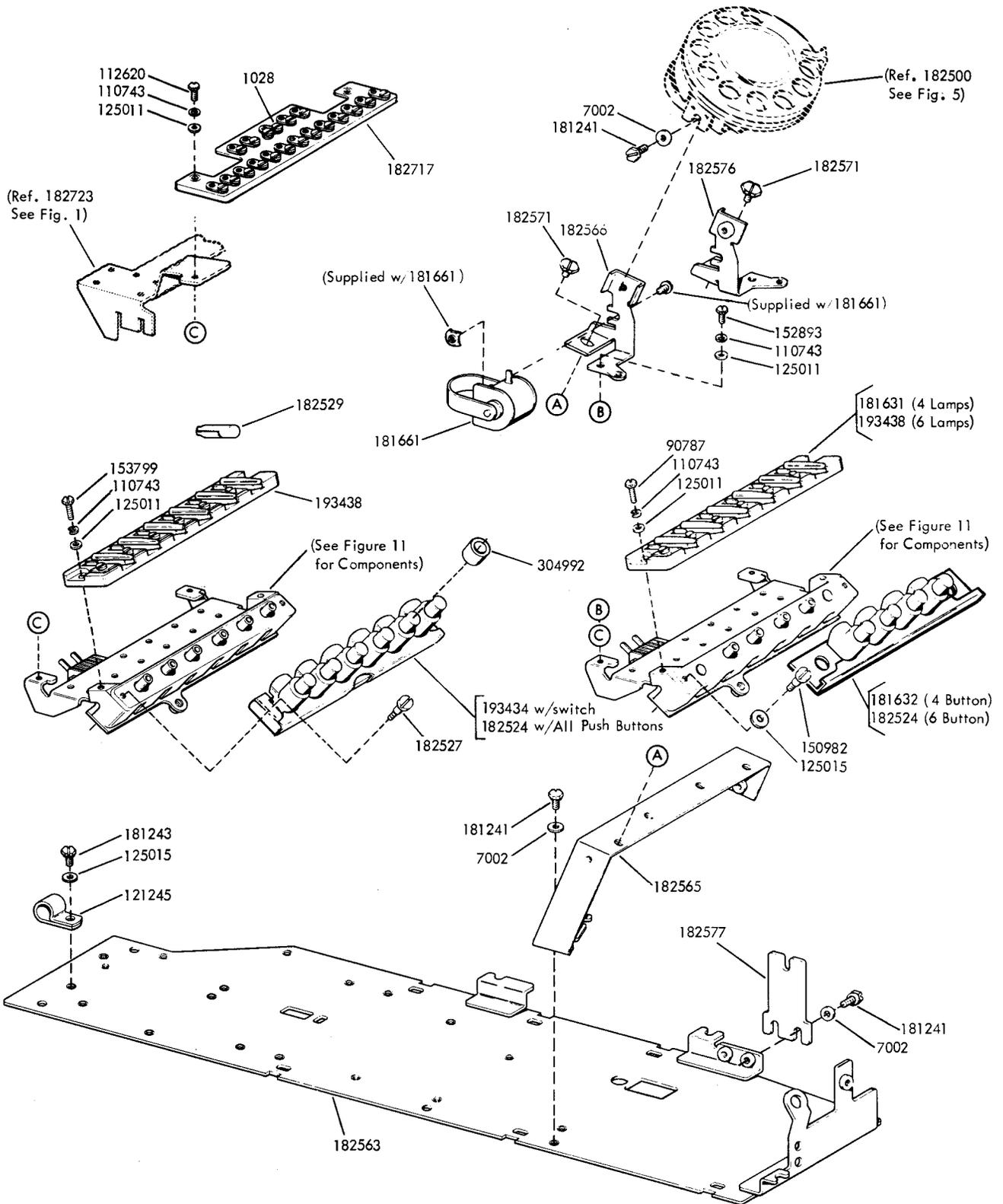


FIGURE 2. BASIC COMPONENTS (Continued)



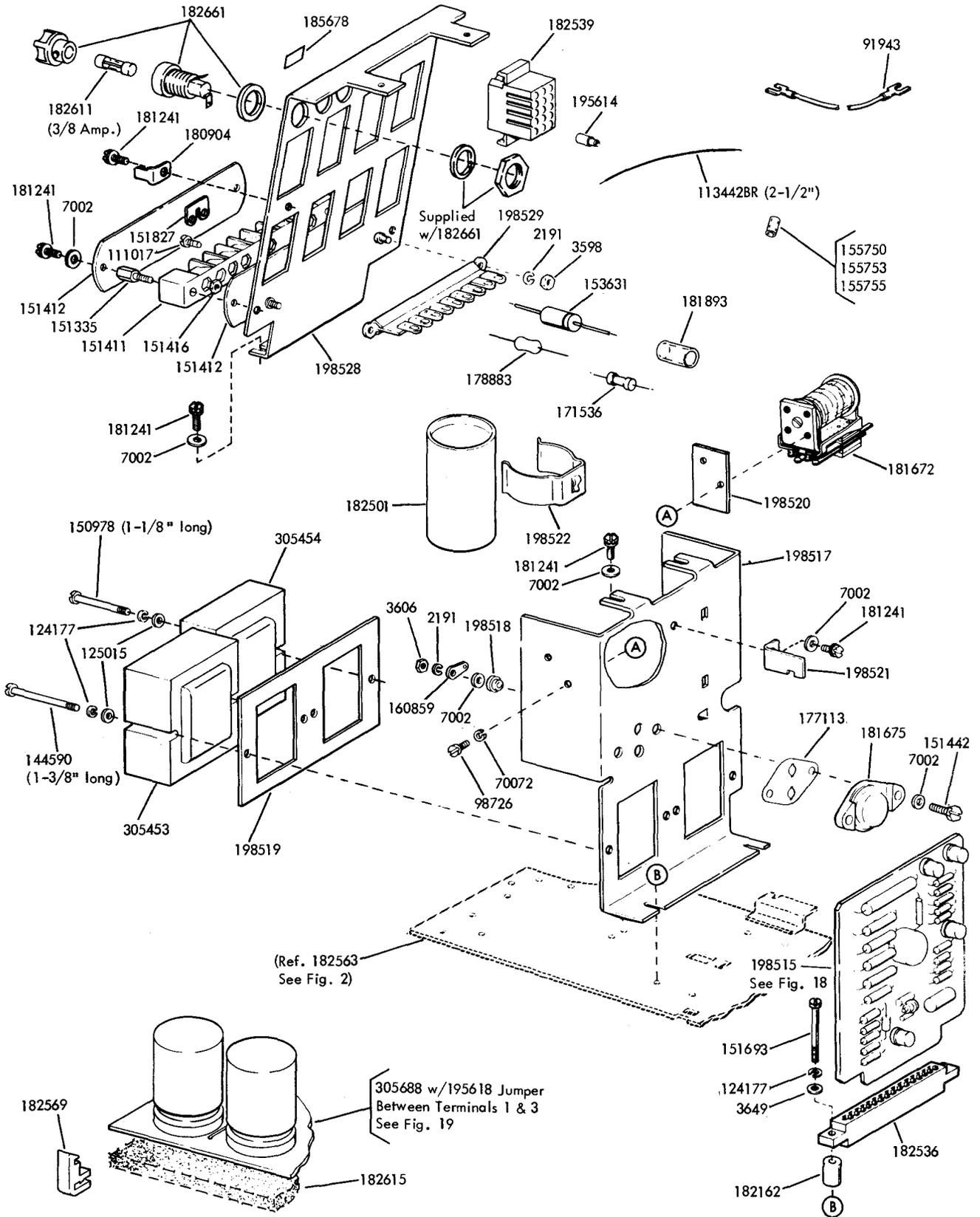
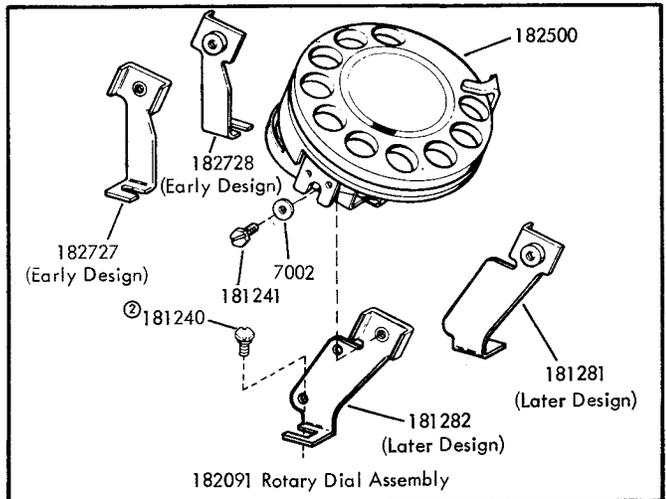
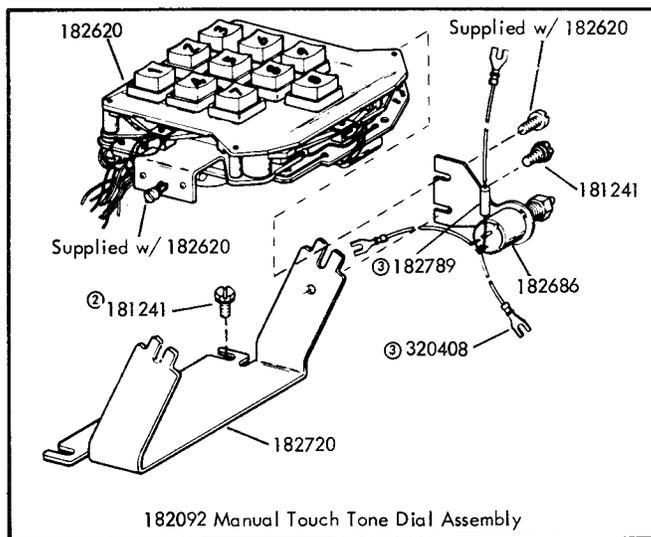
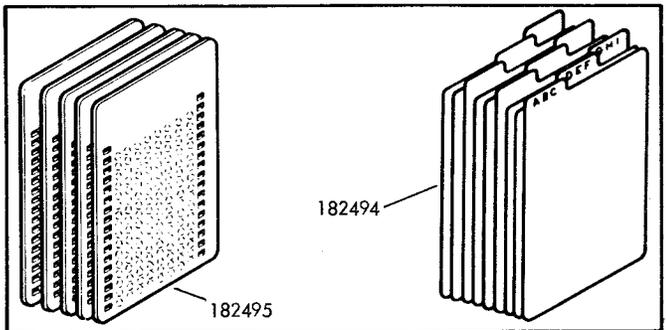
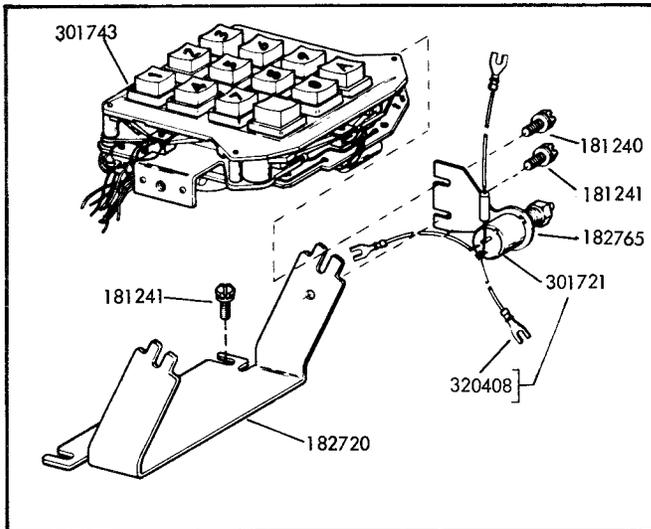
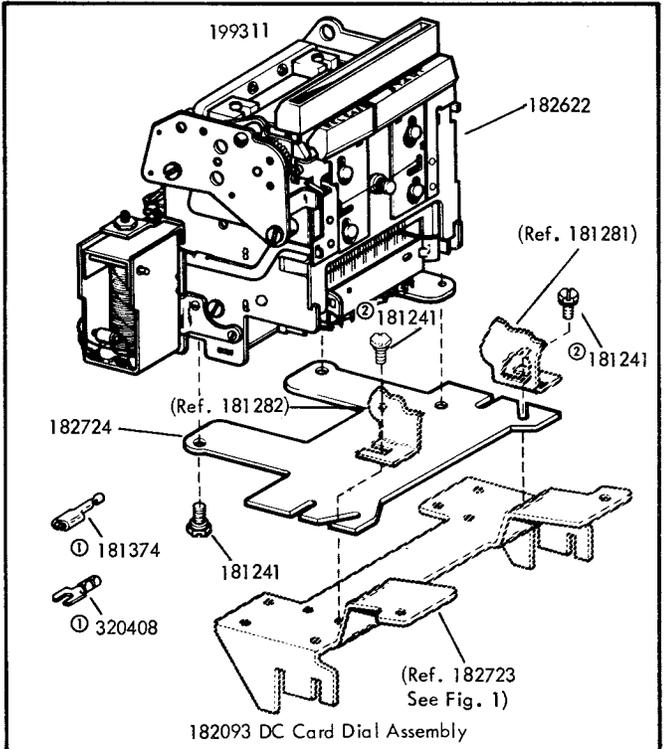
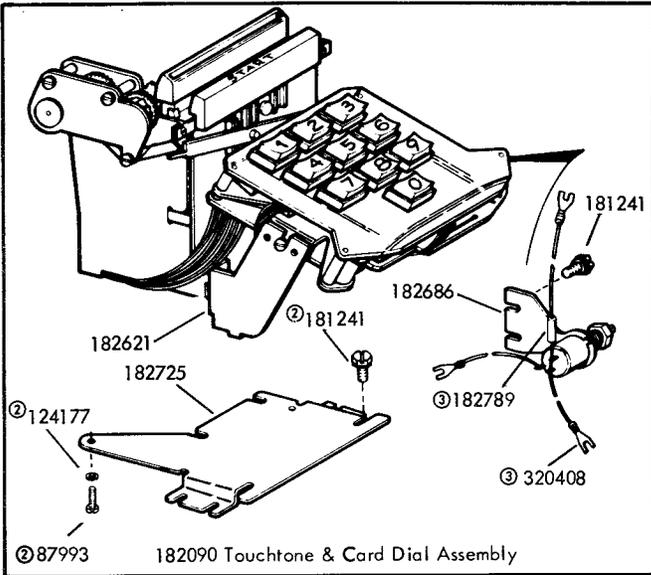


FIGURE 4. BASIC COMPONENTS (Continued)



- ① 182698 Cable
- ② Not included in dial assembly
- ③ Supplied w/ 182686

FIGURE 5. DIAL ASSEMBLIES

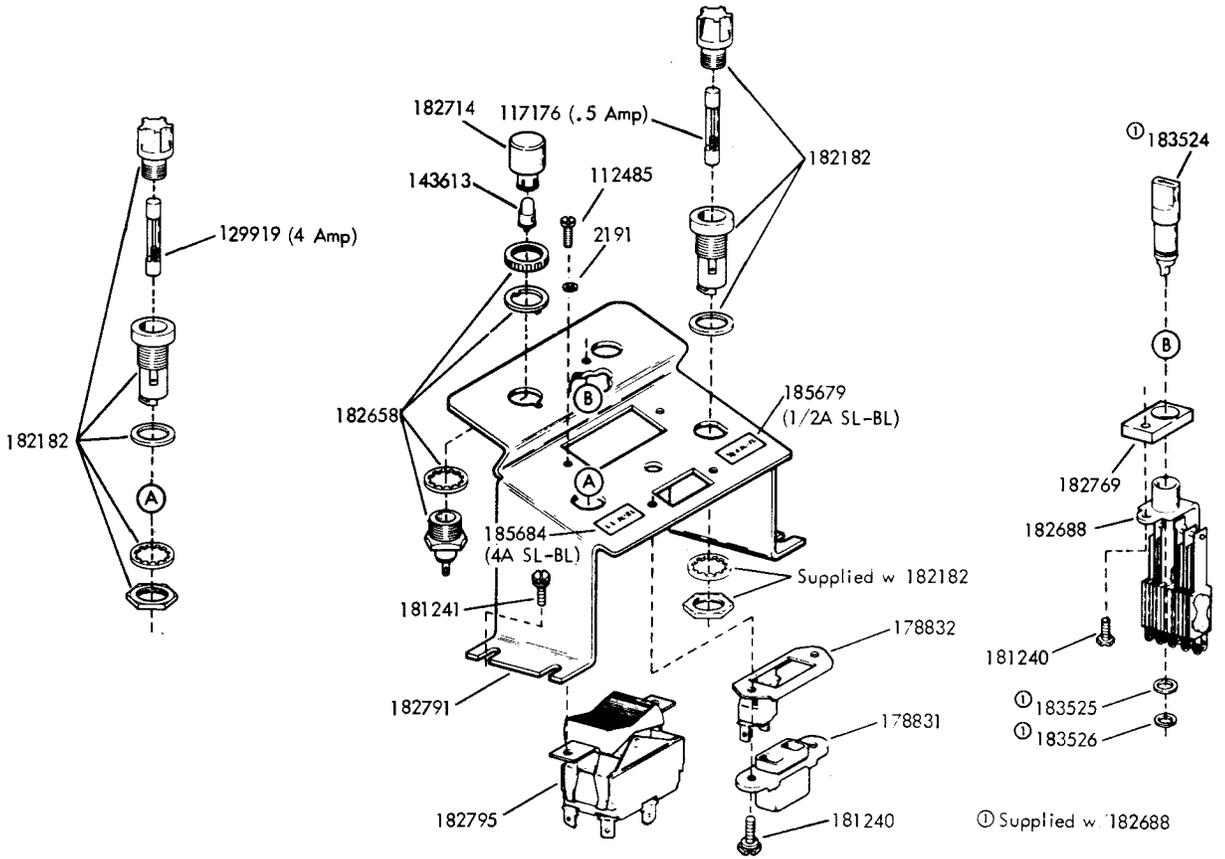


FIGURE 6. RECEIVE-ONLY LAMP AND KEY BRACKET

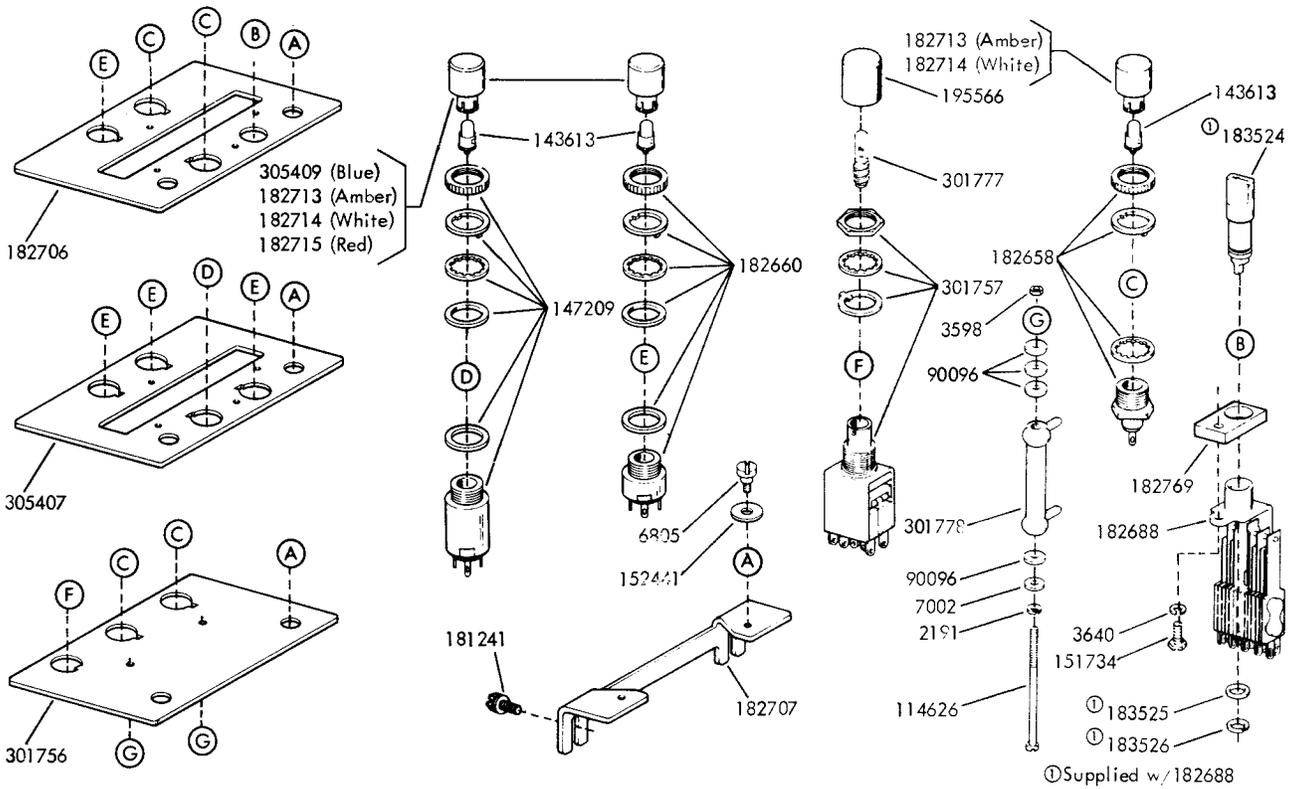


FIGURE 7. PILOT PLATE ASSEMBLIES

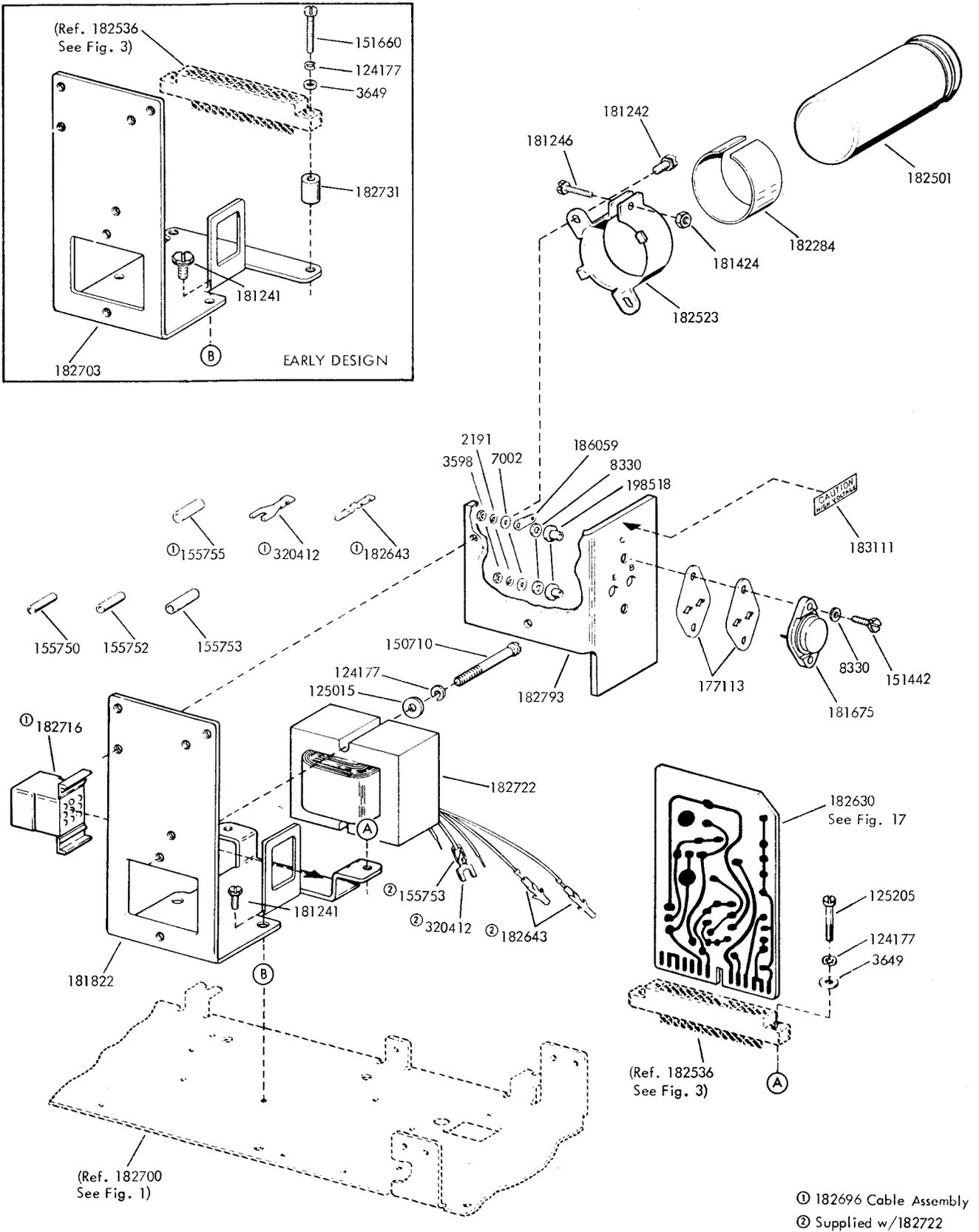
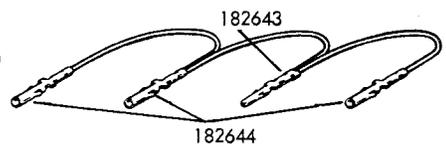
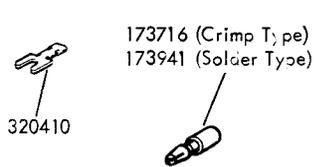


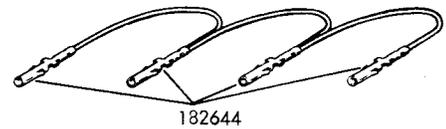
FIGURE 8. 182695 SELECTOR MAGNET DRIVER ASSEMBLY



INSULATING SLEEVES		
		
PART NO.	Length	Inside Diameter
155750	1/2"	3/32"
155751	1"	1/8"
155752	1/2"	5/64"
155753	1/2"	1/8"
155754	1/2"	1/16"
155755	5/8"	11/64"
181890	1"	1/16"
181891	2 1/2"	3/16"
181892	1"	9/64"
181893	1 1/2"	3/64"
181894	2"	3/64"
181895	3/8"	9/64"

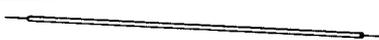


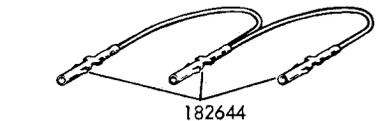
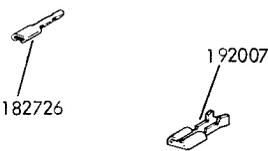
PART NO.	COLOR
181828	W-O
181829	W-BL
181830	W-Y
181831	W-P
181832	W-BR



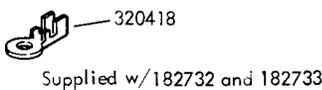
PART NO.	COLOR
180877	W-R
180880	W-G
180884	W-S



JUMPERS			
			
Part No.	Length	Color	Terminal
151819	3"	Black	320410
193476	2-3/4"	Black	182643



PART NO.	COLOR
182781	W-R



320408 - Used with #2 or 4 Screw  
320411 - Used with #6 or 8 Screw

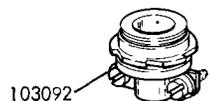
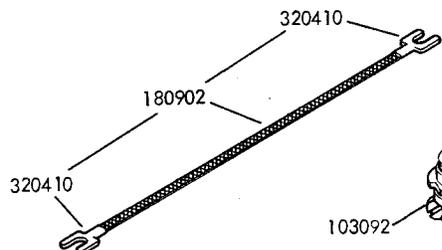
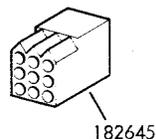
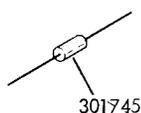
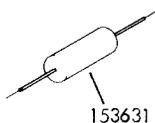
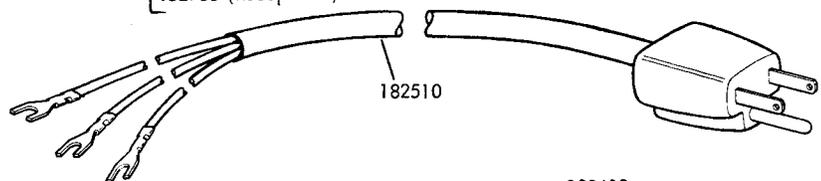
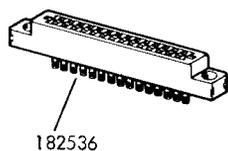
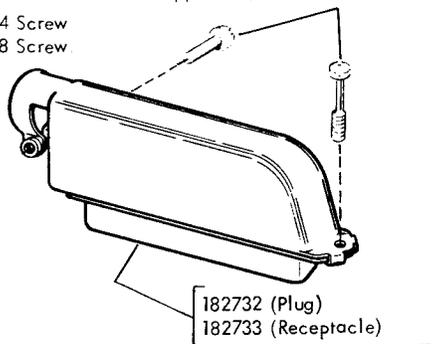
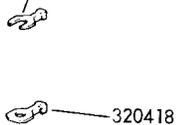


FIGURE 10. CABLE COMPONENTS

KEY ASSEMBLY PART LOCATION TABLE											
ASSEMBLY NO.			182580	182581	182582	182583	182584	182586	182587	182588	182589
P O S I T I O N	A	Plunger Switch	182559 182561		182559 182562	182667 182664	182667 182562	182667 182562	182667 182664	182667 182562	182559 182562
	B	Plunger Switch	132559 182560	182667 182562	182559 182562	182667 182562	182667 182562	182663 182664	182667 182562	182667 182562	182559
	C	Plunger Switch	182559 182561	182667	182559 182562	182667 182664	182559 182562	182667 182562	182667 182664	182667 182664	182559 182559
	D	Plunger Switch	182559 182562	182667 181638	182559 182562	182667 182664	182559 182562	182667 182664	182667 182562	182667 182562	182559 182562
	E	Plunger Switch	182559 182562	182667 182562	182559 182561	182667 182562	182559 182562	182667 182664	182667 182664	182559 182562	182559 182562
	F	Plunger Switch	182559 182561		182559 182562	182663 182561	182559 182562	182663 182561	182663 182561	182663 182561	182559 182562
Plunger Spring			182554	182554	182554	182554	182554	182554	182554	182554	182554
Lockout			182556		182556					182556	182556
Latch Bar			182555		182666		308536			301769	182666
Latch Spring			182535		182535		182535			182535	182535
Bracket			182557	181637	182557	182557	182557	182557	182557	182557	182557

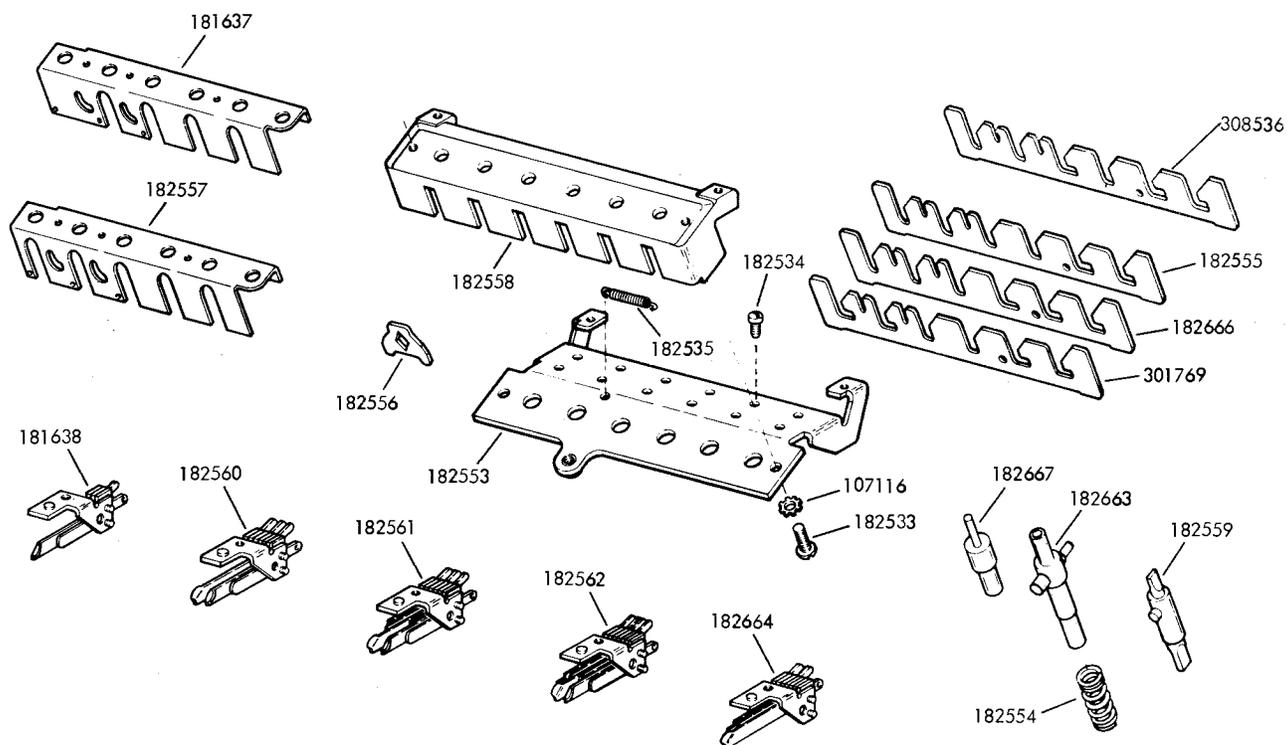
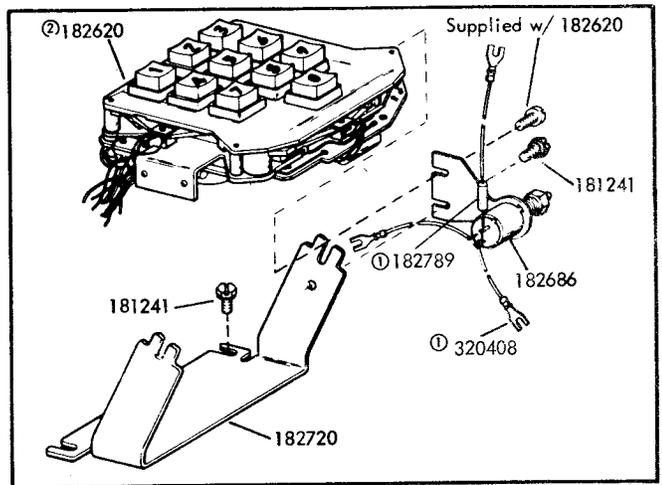
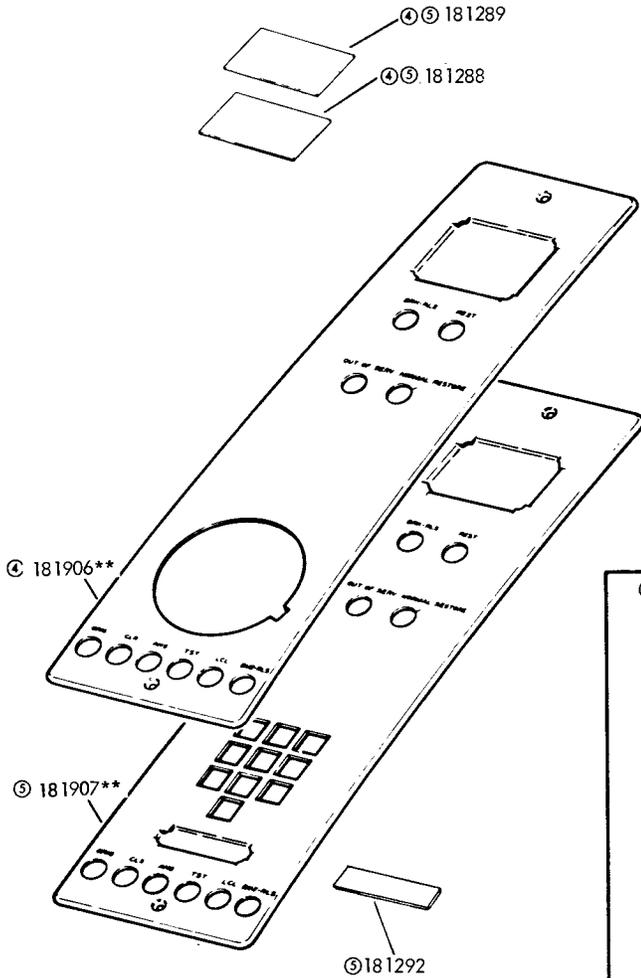
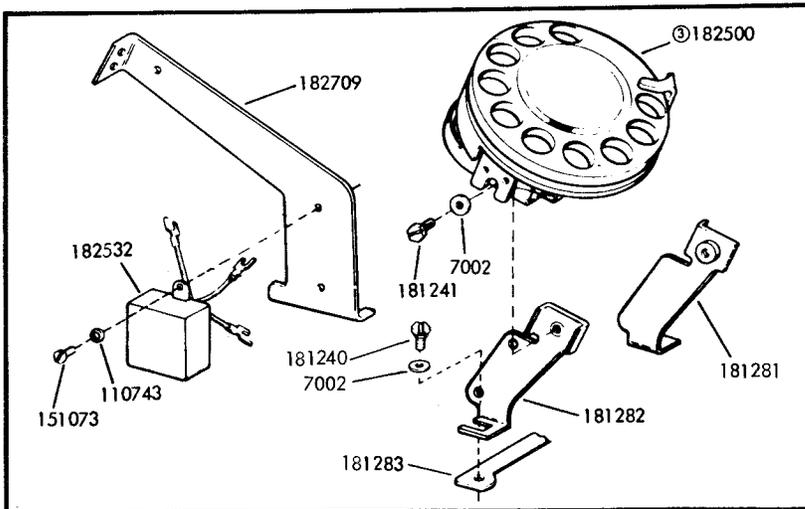


FIGURE 11. KEY ASSEMBLIES



Touch Tone Dial - Part of 193487 (with dial)



Rotary Dial - Part of 195926 (less dial) and 193489 (with dial)

Specification 501565

\*\*Refer to page 1 for finish suffix

① Supplies w/ 182686

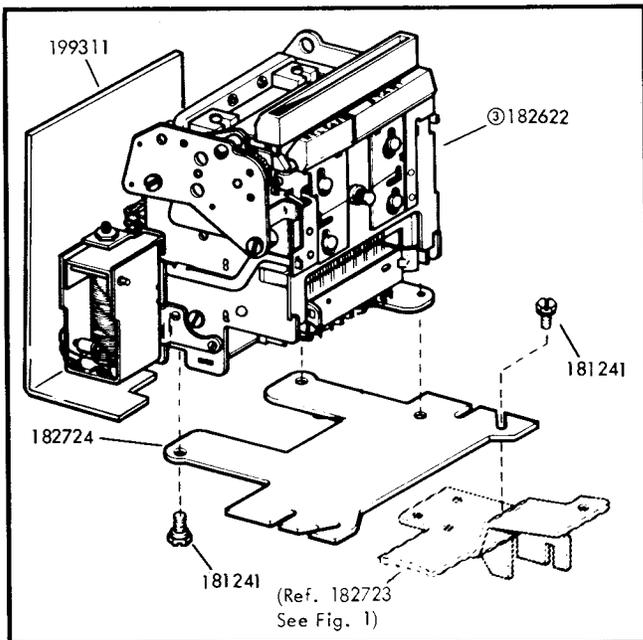
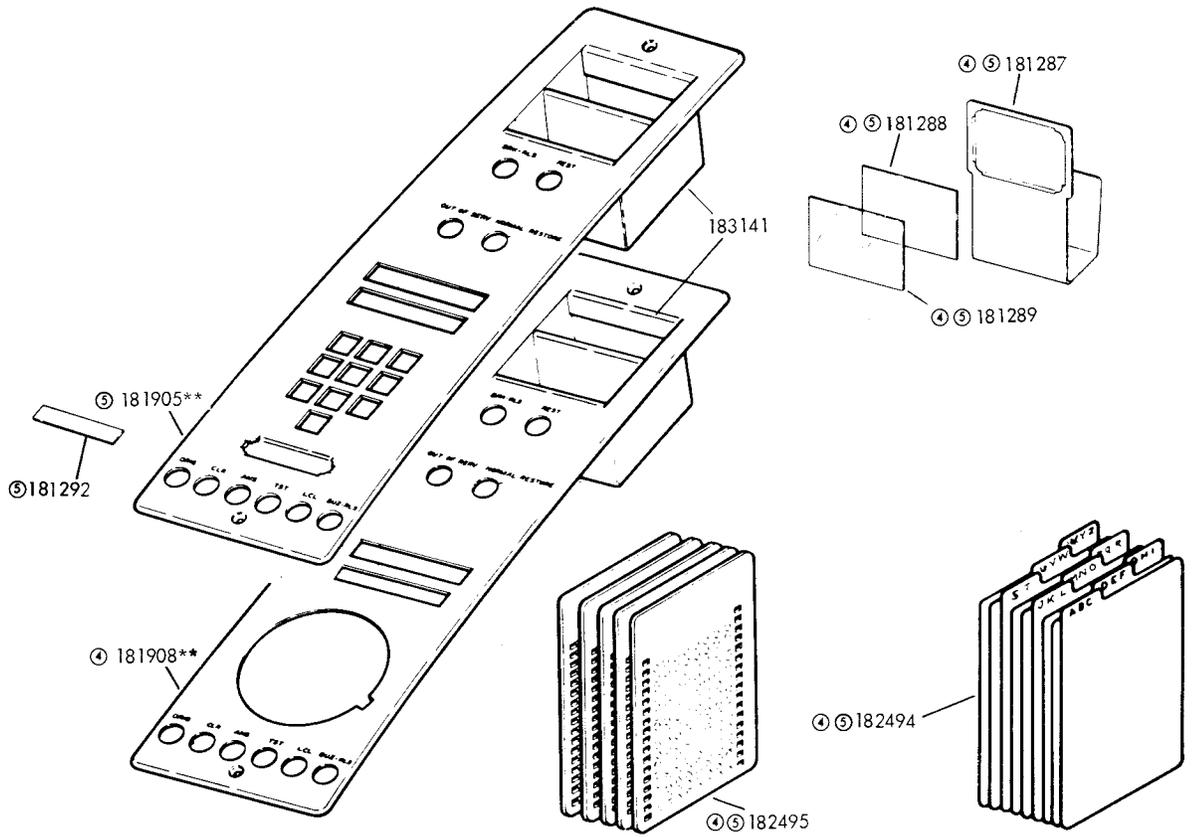
② Peculiar to 193487

③ Peculiar to 193489

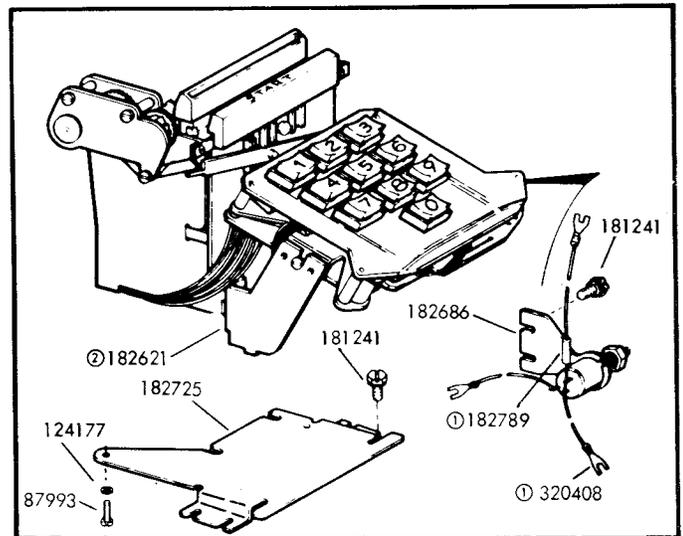
④ Part of 195926 and 193489

⑤ Part of 193487

FIGURE 12. DIAL MODIFICATIONS



DC Card Dial - Part of 195924 (less dial) and 193486 (with dial)



Touch tone and Card Dial - Part of 195927 (less dial) and 193488 (with dial)

Specification 501565

\*\*Refer to page 1 for finish suffix

① Supplied w/ 182686

② Peculiar to 193488

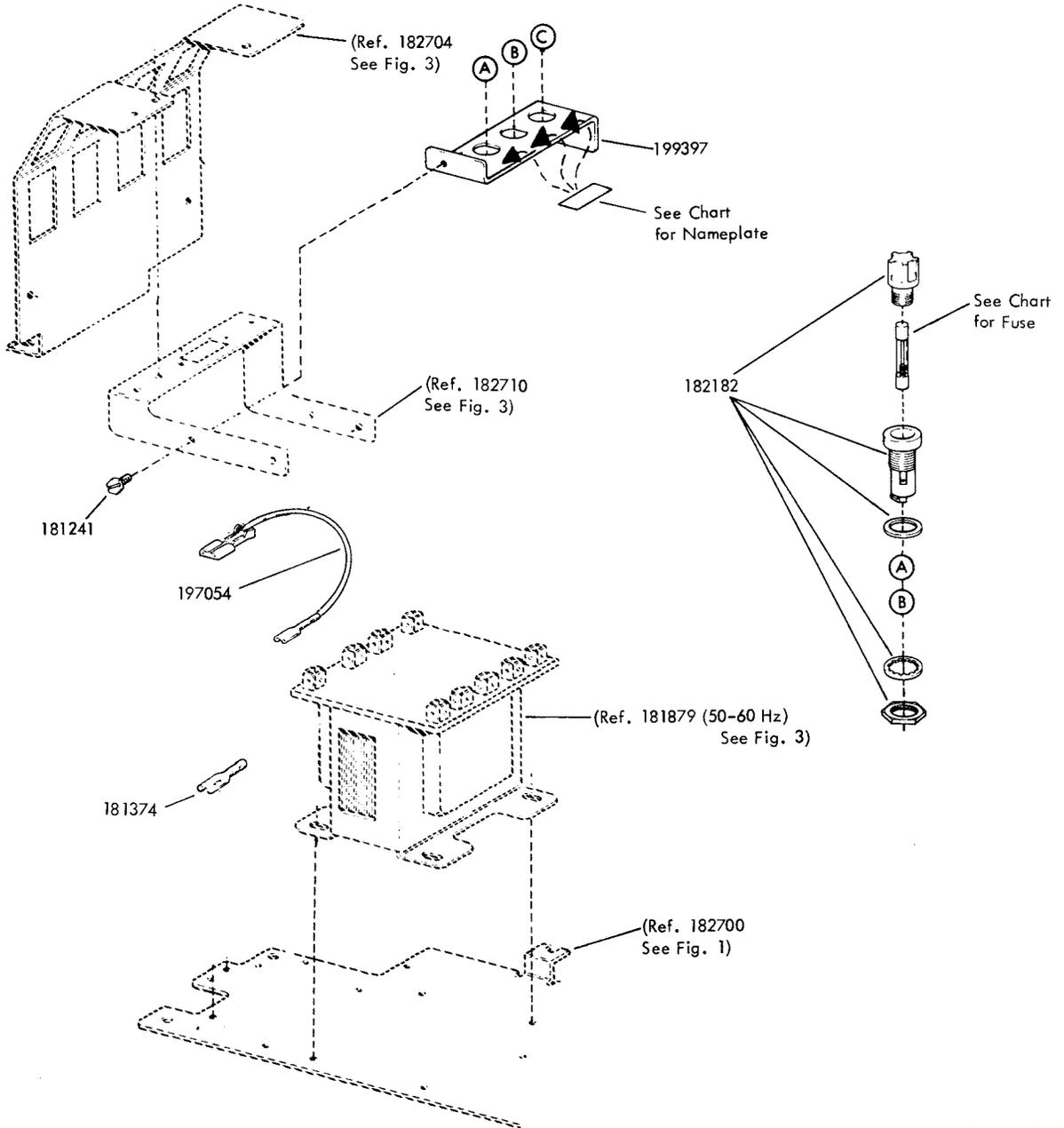
③ Peculiar to 193486

④ Part of 195924 and 193486

⑤ Part of 195921 and 193488

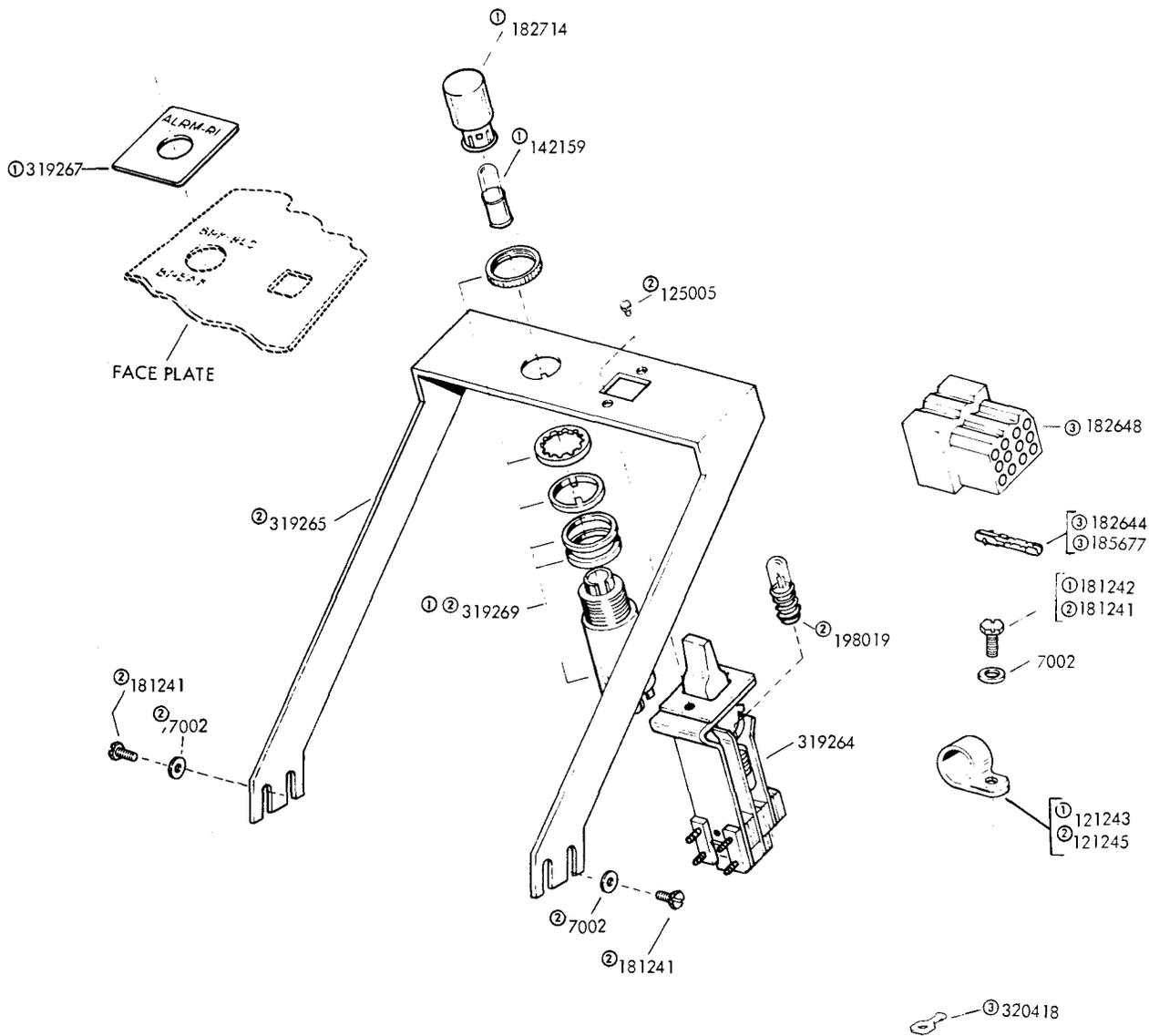
FIGURE 13. DIAL MODIFICATIONS (Continued)

Fuse and Nameplate Chart				
Location	Fuse	Nameplate	Description	Notes
A	162360	185688	8/10 A SL-BL	Used w/181879 Trnsf.
B	117176	185679	1/2A SL-BL	Used w/181879 Trnsf.
C		185678	3/8 A SL-BL	



Specification 504235

FIGURE 14. 199409 MODIFICATION KIT TO PROVIDE FUSING IN THE PRIMARY OF THE CALL CONTROL LOW VOLTAGE TRANSFORMER

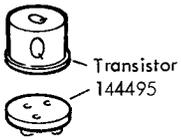
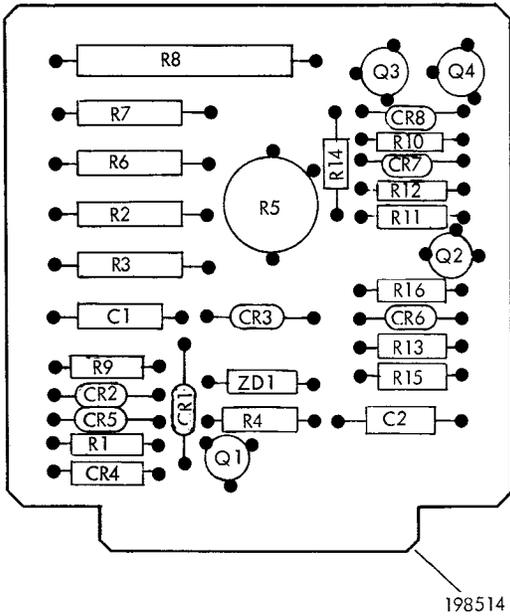


Specification 50,4665

- ① Peculiar to 319274
- ② Peculiar to 320489
- ③ 319263 Cable Assembly, Supplied w/ 320489

FIGURE 15. 319274 AND 320489 MODIFICATION KITS TO ADD ALARM LAMPS WITH RELEASE SWITCHES





Reference Designation	Part Numbers	Total Qty	Description
R1	182797	1	Resistor 135 Ohm
R2	181669	1	330 Ohm 2.5W
R3	182627	1	390 Ohm 4W
R4	182778	1	.82 Ohm 2.5W
R5	182775	1	Rheostat 3 Ohm 5W
R6	181717	1	Resistor 8 Ohm 5W
R7	182770	1	270 Ohm 4W
R8	182772	1	14 Ohm 10W
R9	182776	1	150 Ohm
R10	181664	1	1 K Ohm 1W
R11	137438	1	100 Ohm
R12	137441	1	1200 Ohm
R13 & 16	137444	2	8200 Ohm
R14	137440	1	1 K Ohm
R15	118724	1	220 Ohm
C1	182628	1	Capacitor - 10MFD
C2	181665	1	Capacitor - 100MFD
CR1	178844	1	Varistor - 100 AMP
CR2, 3, 6, 7 & 8	181619	5	Diode - 1N482
CR4, 5	182520	2	Diode - 1N3193
Q1	181671	1	Transistor 2N1377
Q2 & 3	182505	2	Transistor - 2N1303
Q4	181625	1	Transistor - 2N1302
ZD1	182774	1	Diode, Zener -4.7V

FIGURE 18. 198515 CIRCUIT CARD ASSEMBLY

## NUMERICAL INDEX (Continued)

Part Number	Description and Page Number	Part Number	Description and Page Number	Part Number	Description and Page Number
181895	Sleeve, 9/64 ID x 3/8" Lg Insulating 10	182620	Dial, Touch Tone 6,12	182750	Card, Amplifier Circuit 1,4,16
181905**	Faceplate 13	182621	Dial, Touch Tone & Card 6,13	182751	Resistor, 3.6K Ohm 16
181906**	Faceplate 12	182622	Dial, DC Card 6,13	182752	Resistor, 43K Ohm 16
181907**	Faceplate 12	182627	Resistor, 390 Ohm 16,17	182753	Resistor, 130 Ohm 16
181908**	Faceplate 13	182628	Capacitor, 10 MFD 16,17	182754	Transformer 16
182090	Dial Assembly, Touch Tone & Card 6	182630	Card, Circuit 1,8,16	182755	Transformer 16
182091	Dial Assembly, Rotary 6	182643	Terminal, Plug Type 4,8,9,10	182761	Capacitor, 0.5 MFD 2
182092	Dial Assembly, Manual Touch Tone 6	182644	Terminal, Receptacle Type 10,15	182765	Plate, Volume Control 6
182093	Dial Assembly, DC Card 6	182645	Connector, 9 Pt Receptacle Type 10	182766	Resistor, 160 Ohm 16
182162	Post 5	182646	Connector, 9 Pt Plug Type 18	182767	Diode 16
182182	Holder, Fuse 4, 7, 14	182648	Connector, 12 Pt Receptacle Type 15	182768	Bracket, Fuse 4
182284	Insulator, .015" Thk 8	182649	Connector, 6 Pt Receptacle Type 18	182769	Block 7
182494	Card Set, Index 6,13	182658	Socket, Lamp 7	182770	Resistor, 270 Ohm 16,17,18
182495	Card Set, Dialing 6,13	182660	Switch, Pushbutton 7	182772	Resistor, 14 Ohm 16,17
182500	Dial, Rotary 3, 6, 12	182661	Holder, Fuse 5	182773	Potentiometer 16
182501	Capacitor, 1,500 MFD 5,8	182662	Receiver 11	182774	Diode 16,17
182502	Nut, #14 Speed 2	182663	Plunger 11	182775	Card, Circuit 16,17
182503	Ringer w/Terminals 2	182664	Contact Assembly 11	182776	Resistor, 150 Ohm 16,17
182505	Transistor 17,18	182666	Bar, Latch 11	182777	Resistor, 680 Ohm 16
182510	Cord, Power 10	182667	Plunger 11	182778	Resistor, .82 Ohm 16,17
182520	Rectifier 16,17	182669	Relay, Power 2	182779	Resistor, 420 Ohm 16
182523	Clamp, 1-3/8" ID Mounting 8	182686	Resistor Assembly, 50,000 Ohm 6,12,13	182781	Jumper, 2-3/4" White-Red 10
182524	Button Assembly 3	182688	Switch, Turn Button 7	182789	Resistor, 200 Ohm 6,12,13
182527	Screw, 4-40 Shoulder 3	182695	Driver Assembly, Selector Magnet 1,8	182791	Bracket 7
182529	Lamp, 10V 3	182696	Cable Assembly 8	182792	Capacitor, 1 MFD 16
182532	Filter 2,12	182698	Cable w/Terminal 6	182793	Plate, Heat Sink 8
182533	Screw, 6-32 x 5/16 Rd 11	182700	Plate, Base 2,4,8,14	182795	Switch, DP-DT 7
182534	Screw, 4-40 Spl 11	182703	Bracket 8	182796	Insulator, .032" Thk 4
182535	Spring 11	182704	Bracket 4,14	182797	Resistor, 125 Ohm 17
182536	Connector, 15 Pt Circuit Card 4,5,8,10	182706	Plate, Pilot 7	182799	Capacitor, .20 -.30 MFD 4
182539	Connector, 15 Pt Receptacle Type 4,5	182707	Bracket, Pilot 7	183111	Label 8
182540	Connector, 15 Pt Plug Type 4	182708	Bracket, Left 2	183141	Holder, Card 13
182553	Plate, Base 11	182709	Bracket, Right 2,12	183524	Button, Turn 7
182554	Spring, Compression 11	182710	Bracket, Upper 4,14	183525	Washer, Flat 7
182555	Bar, Latch 11	182711	Bracket, Lower 4	183526	Ring, Retaining 7
182556	Lockout 11	182713	Cap, Amber Lens 7	185677	Terminal, Receptacle Type 15
182557	Bracket 11	182714	Cap, White Lens 7,15	185678	Plate, Identification 5,14
182558	Frame 11	182715	Cap, Red Lens 7	185679	Plate, Identification 4,7,14
182559	Plunger 11	182716	Connector, 9 Pt Plug Type 8	185684	Plate, Identification 4,7
182560	Contact Assembly 11	182717	Board, Terminal 3	185686	Plate, Identification 4
182561	Contact Assembly 11	182718	Buzzer, 10V AC 2	185688	Plate, Identification 4,14
182562	Contact Assembly 11	182719	Bracket, Guide 4	186059	Terminal 8
182563	Plate w/Bracket 3,5	182720	Bracket,Dial 6,12	192007	Terminal, Tab Type 10
182564	Bracket 11	182721	Bracket 2	192285	Bracket, Receptacle 4
182565	Bracket 3	182722	Transformer w/Terminals 8	193434	Button Assembly 3
182566	Bracket, Left 3	182723	Bracket 2,3,6,13	193438	Strip, Lamp 3
182569	Clamp 5	182724	Plate, Dial 6,13	193472	Plug w/Straps 4
182571	Screw, 6-40 Shoulder 3	182725	Plate, Tone Dialer 6,13	193476	Jumper, 2-3/4" Black 4,10
182576	Bracket, Right 3	182726	Terminal, Receptacle Type 10	193486	Modification Kit 13
182577	Bracket 3	182727	Bracket, Left 6	193487	Modification Kit 12
182580	Key Assembly 11	182728	Bracket, Right 6	193488	Modification Kit 13
182581	Key Assembly 11	182729	Link, Ringer 2	193489	Modification Kit 12
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