

BULLETIN 1184B

33 PAGE PRINTER SET

(ASR, KSR AND RO)

PARTS



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574-124-800TC	33 Reader (UX)	*6	December 1974
574-125-800TC	33 Tape Punch (UPE)	*6	December 1974
574-126-800TC	33 Cover and Table	*8	December 1974

*Indicates revised sections

33 KEYBOARD (UK)

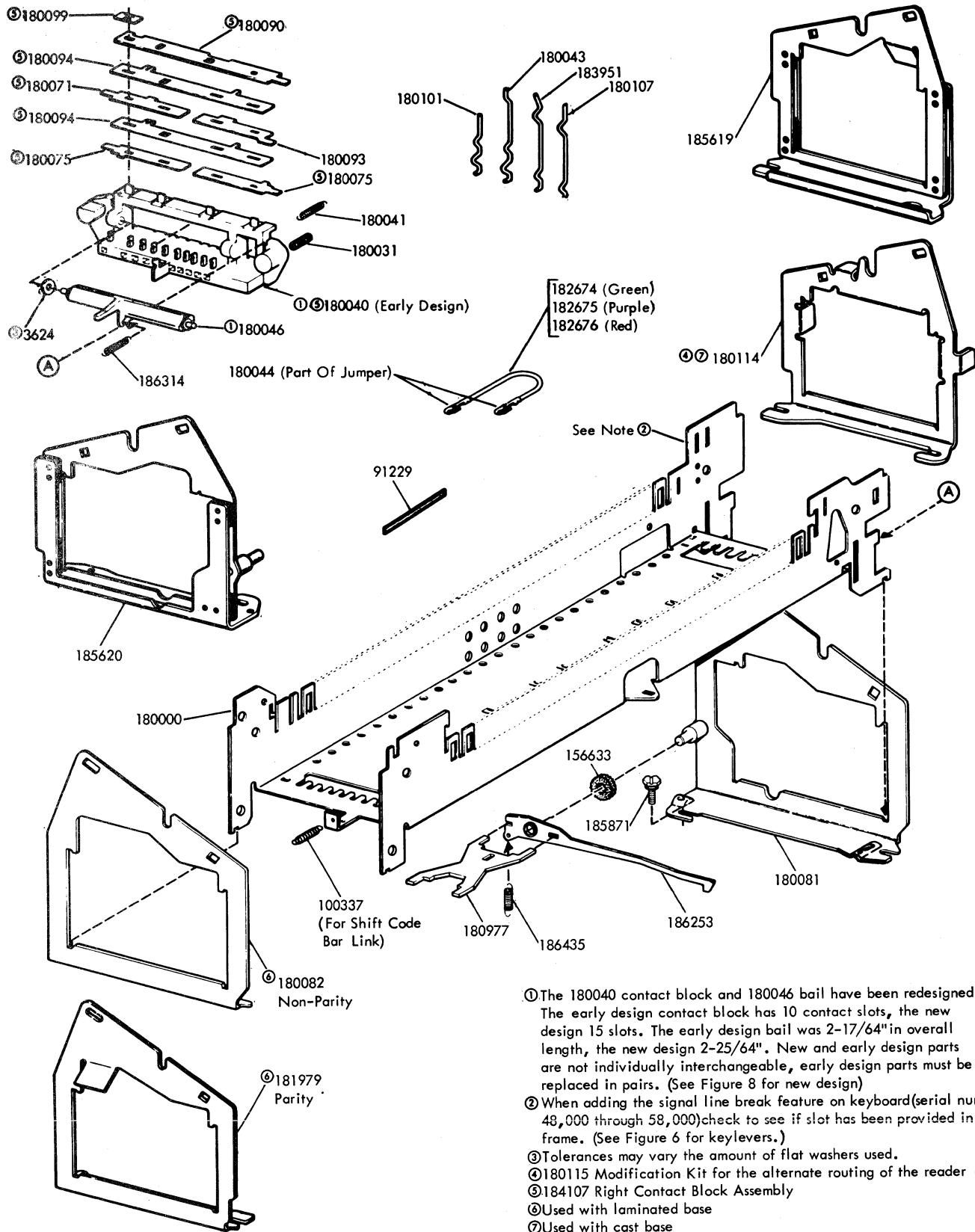
PARTS

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** Denotes a Painted Part
HF - Light Olive Gray Smooth Vinyl

NOTE: Refer to Section 574-020-800
for Additional 33 Keytop Descriptions.

SECTION 574-121-800TC



- ① The 180040 contact block and 180046 bail have been redesigned. The early design contact block has 10 contact slots, the new design 15 slots. The early design bail was 2-17/64" in overall length, the new design 2-25/64". New and early design parts are not individually interchangeable, early design parts must be replaced in pairs. (See Figure 8 for new design)
- ② When adding the signal line break feature on keyboard(serial numbers 48,000 through 58,000)check to see if slot has been provided in the frame. (See Figure 6 for keylevers.)
- ③ Tolerances may vary the amount of flat washers used.
- ④ 180115 Modification Kit for the alternate routing of the reader cable
- ⑤ 184107 Right Contact Block Assembly
- ⑥ Used with laminated base
- ⑦ Used with cast base

FIGURE 1. KEYBOARD BASKET AND CONTACT BLOCK

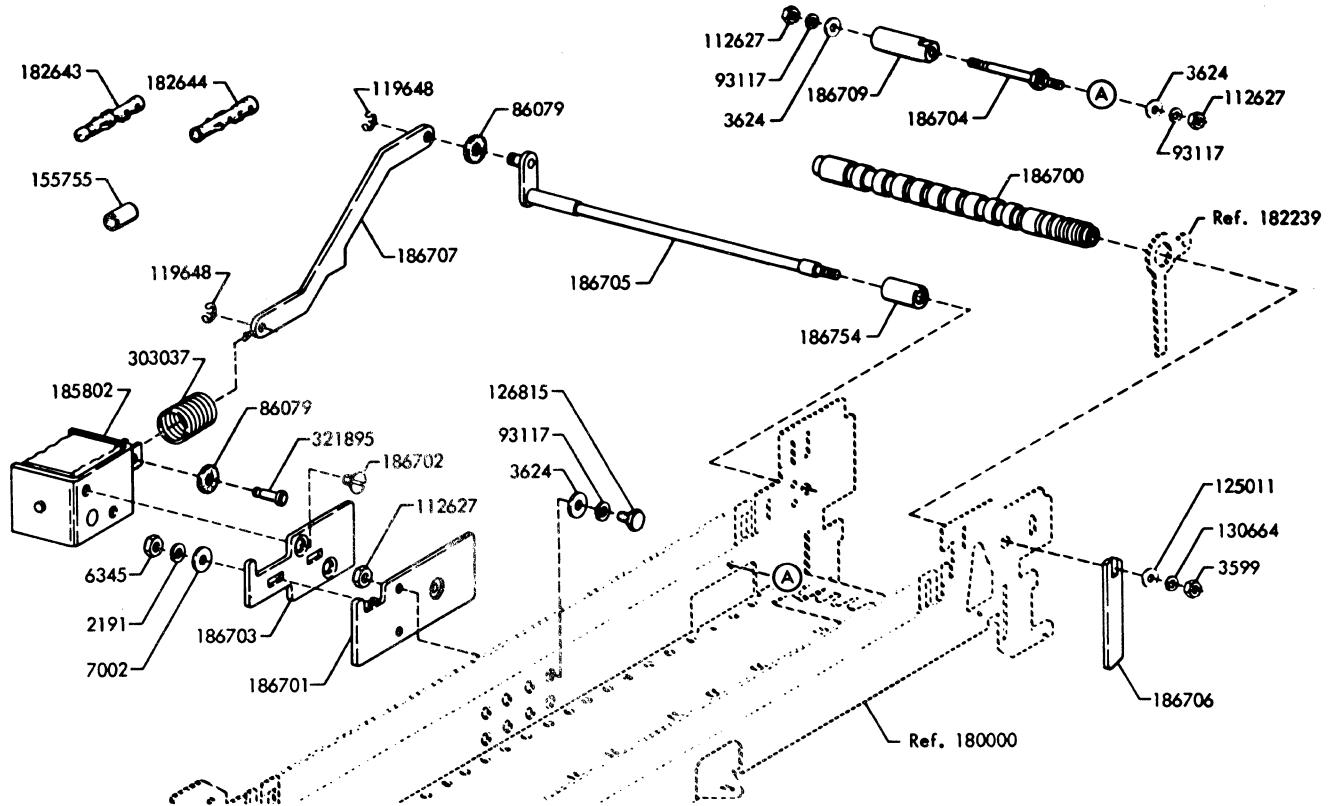


FIGURE 2. 186752 MODIFICATION KIT TO PROVIDE LOCKING FOR KEYBOARD
(EARLY DESIGN)

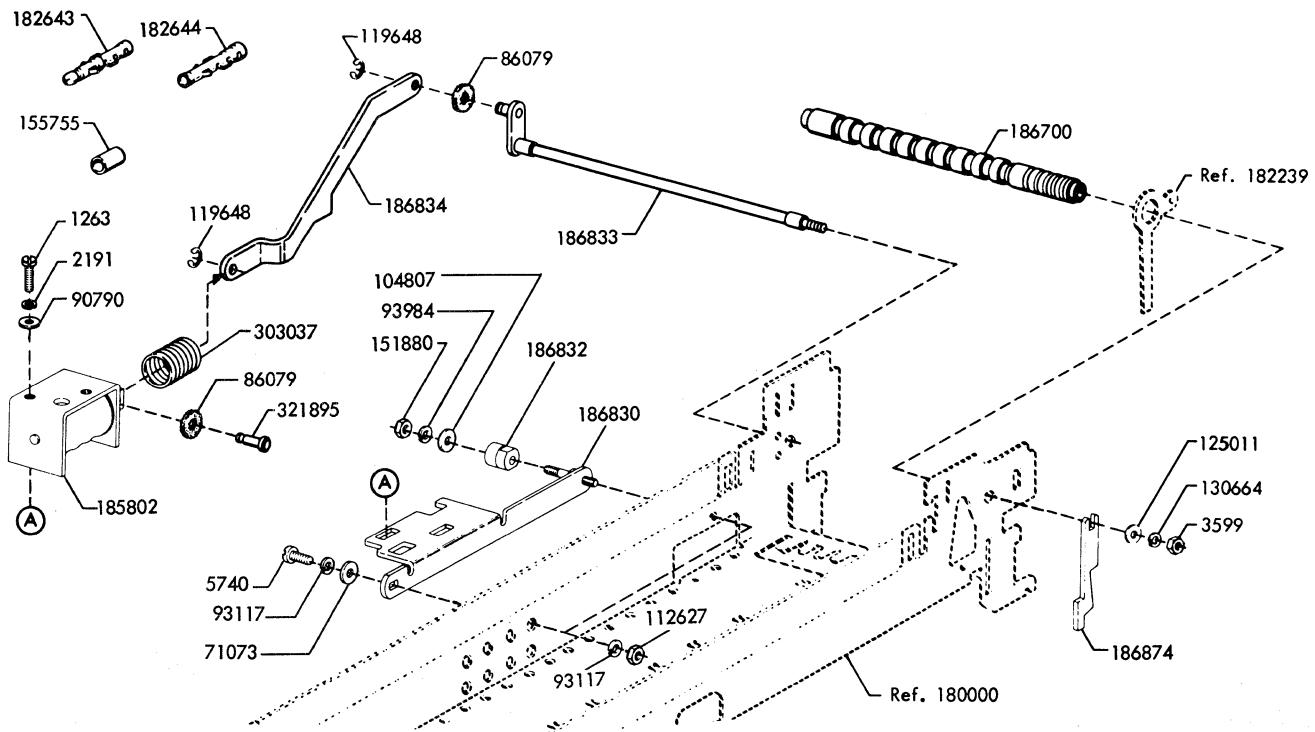


FIGURE 3. 186752 MODIFICATION KIT TO PROVIDE LOCKING FOR KEYBOARD
(LATER DESIGN)

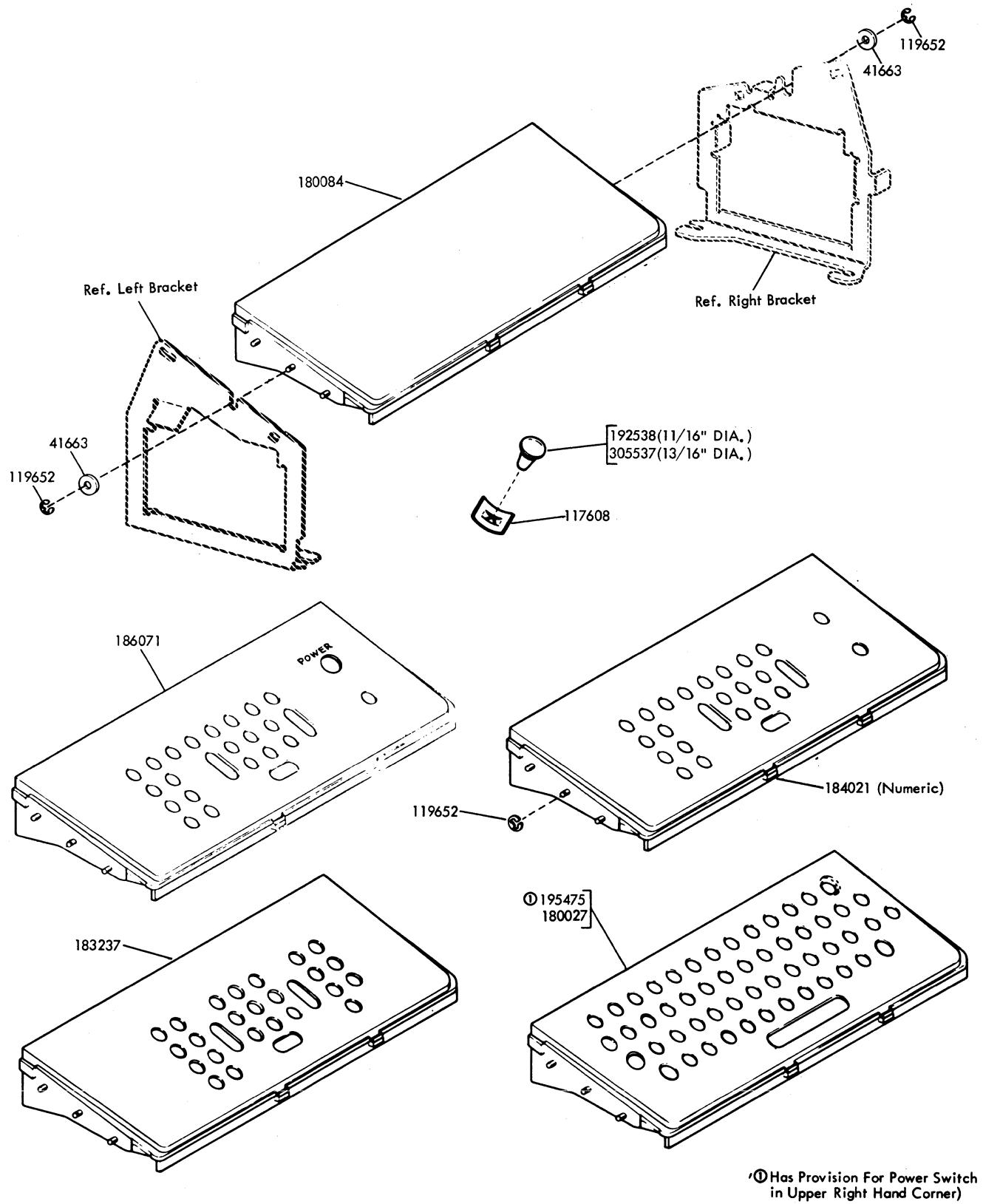
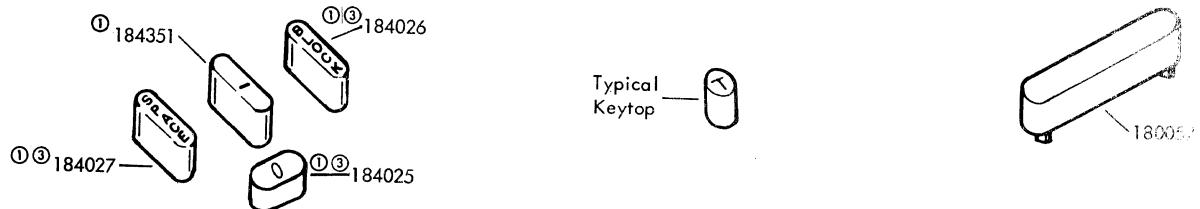


FIGURE 4. KEYBOARD COVERS



Keypad Description			Keypad Description			Keypad Description		
UNSHIFT	SHIFT	Part Number	UNSHIFT	SHIFT	Part Number	UNSHIFT	SHIFT	Part Number
A		180181	P	@	180180	8		①③184341
A	SOM	*183891	Q	X ON	180171	9)	180168
A		①③184343	Q	X-ON	*183888	9		①③184342
B		180194	Q	RLF	184869			
B		①③184344	Q		185160	0		180169
C		180192	R	TAPE	180174	Ø		180374
C		①③184345	R		180260	-	=	180170
C	ETX	185165	R	FS	185161	,	<	180197
D	EOT	180183	S		180282	.	>	180198
D		180278	S	X OFF	180182	;	+	180199
D		①③184346	S	X OFF	*183892	/	?	180200
			S		③ 185394	:	*	180205
E	WRU	180173	T	TAPE	180175		(No Symbol)	① 180299
E		180259	T		180261	-		180336
E	WRU	*183889	T	PR	185162			180335
F	RU	180184	U		③ 185395			180418
F		180273	V		180177	/		180419
G	BELL	180185	W		180193		RUB OUT	①③ 180201
G		180274			180172		RETURN	①③ 180202
G	BELL	*183890	X				LINE FEED	①③ 180203
H		180186	X		180191		HERE IS	180206
H	BS	185163	Y		③ 185396		BREAK	180207
I	TAB	180178	Z		180176		REPT	①③ 180208
I		180262	I		180190		ALT MODE	180257
J		180187	I	!	180160		ESC	180382
J			I	①③ 184334	①③ 184334		EOT	①③ 180440
K	VT	180188	I		180264		DIV	① 180441
K		180280	2	"	180161		STORE	① 180442
K	□	180383	2		①③ 184335		TYPE ORD	① 180443
K		185090	3	#	180162		SECT	① 180444
L	FORM	180189	3		①③ 184336		SHIFT	180061
L		180281					CTRL	181253
L	\	180385	4	\$	180163		CTRL	② 181971
L	FORM	185164	4		①③ 184337		FS	① 184815
M		180196	5	%	180164		GS	① 184816
M	□	180384	5		①③ 184338		RS	① 184817
M		185093	6				US	① 184818
N	↑	180195	6	&	180165		CLR KYBD	184734
N	BLK	185092			①③ 184339		CTRL	185159
N	^	185150	7	*	180166		TAB	180373
O	←	180179	7		①③ 184340			
O	Γ	185089	8	(180167			

NOTE:
All Keypads are gray with white characters except as noted.
*Gray Keypads with yellow characters.
① Used on Numeric Keyboard.
② Used with parity control.
③ Used on Numeric Self-Contained Keyboard.

FIGURE 5. KEYTOPS

SECTION 574-121-800TC

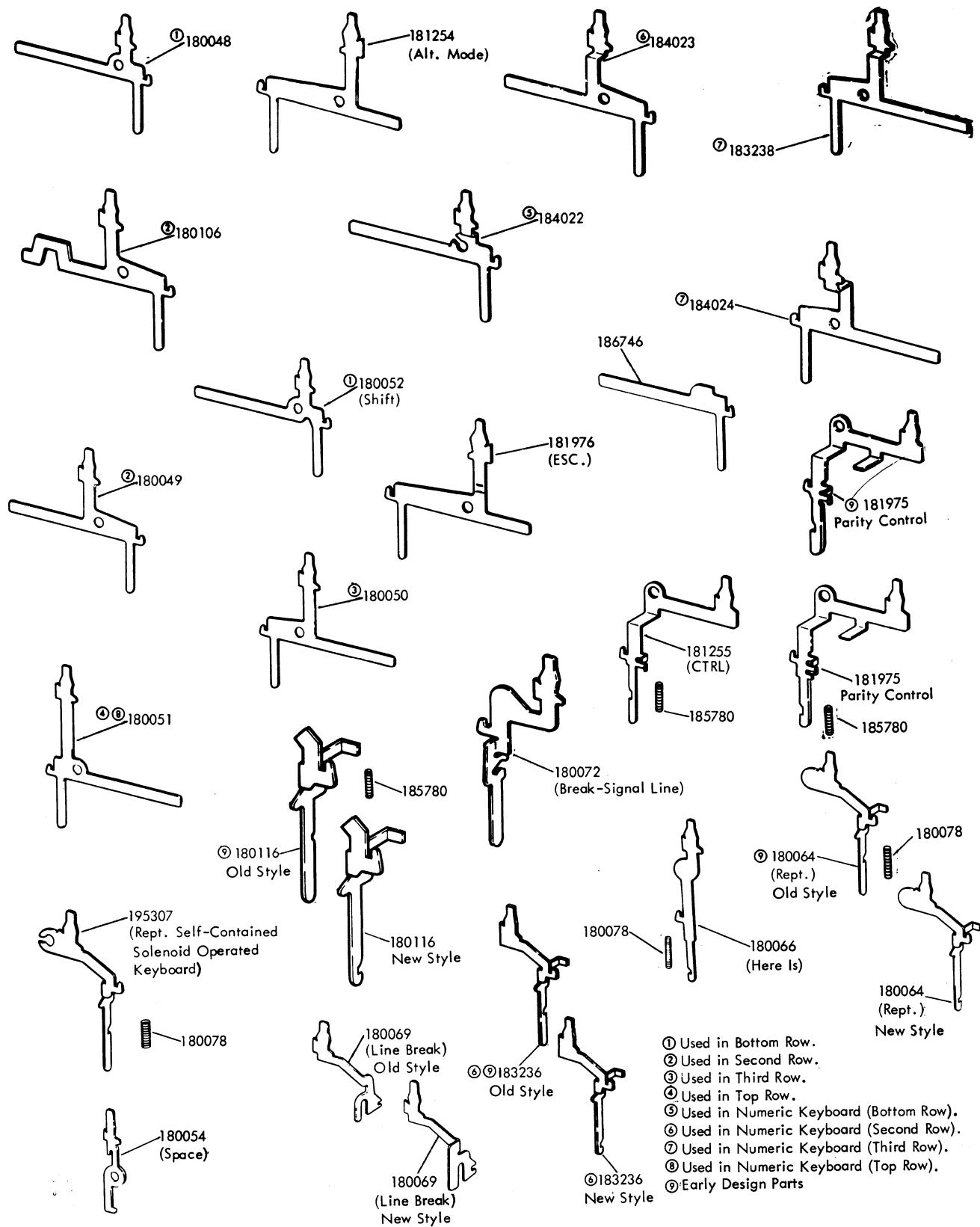


FIGURE 6 . KEYLEVERS

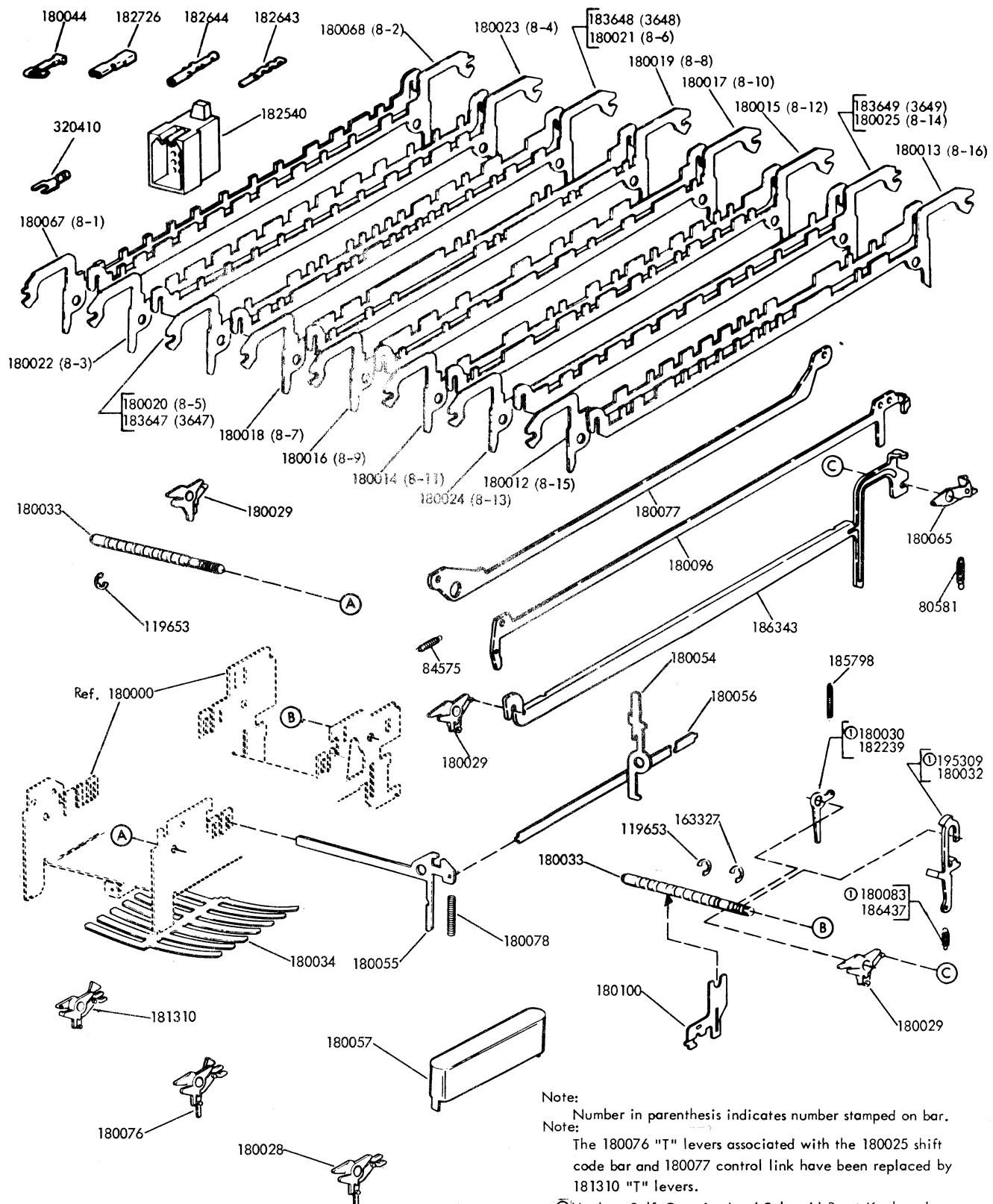


FIGURE 7. CODEBAR MECHANISM

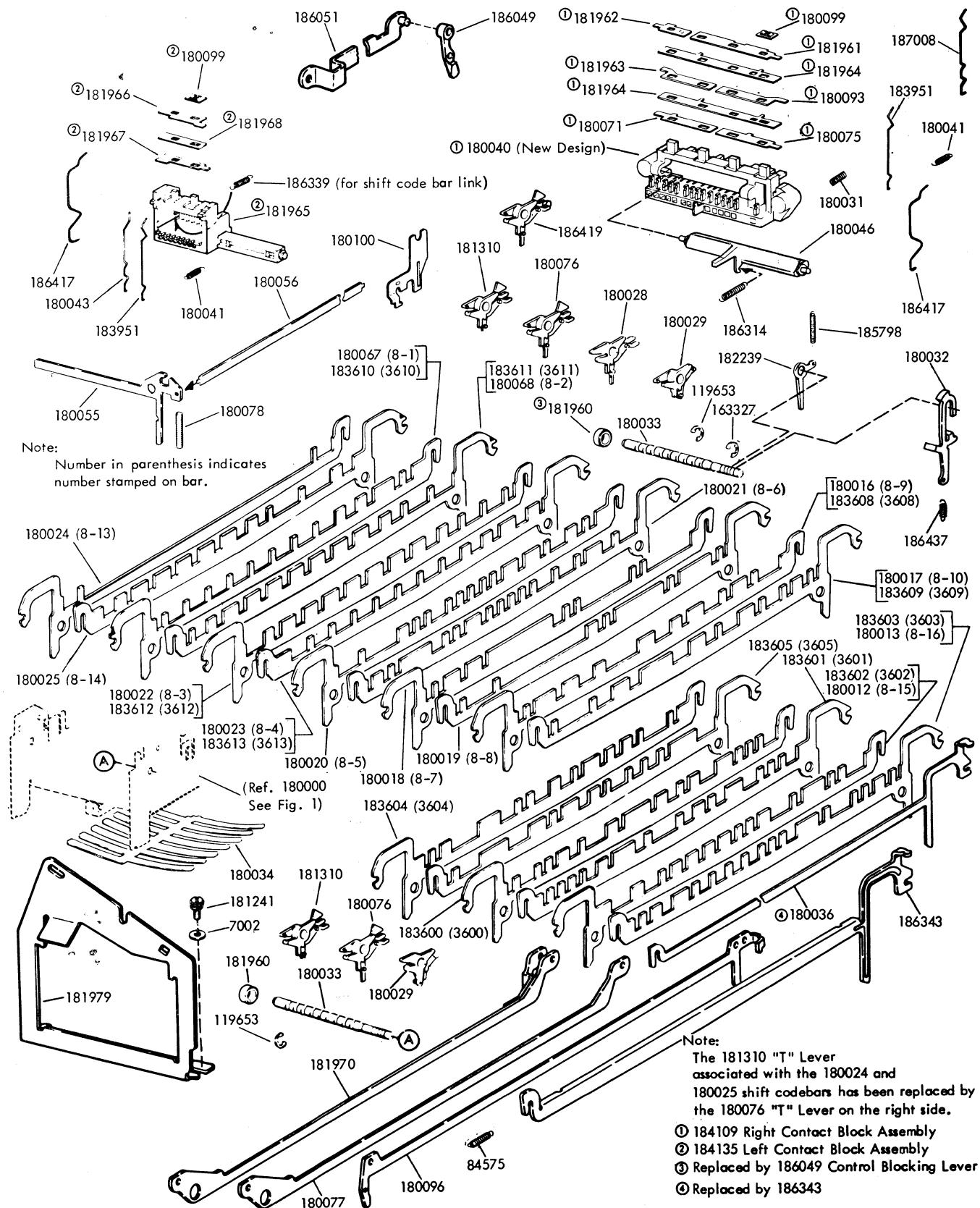


FIGURE 8. CODEBAR MECHANISM FOR UNITS EQUIPPED WITH EVEN PARITY

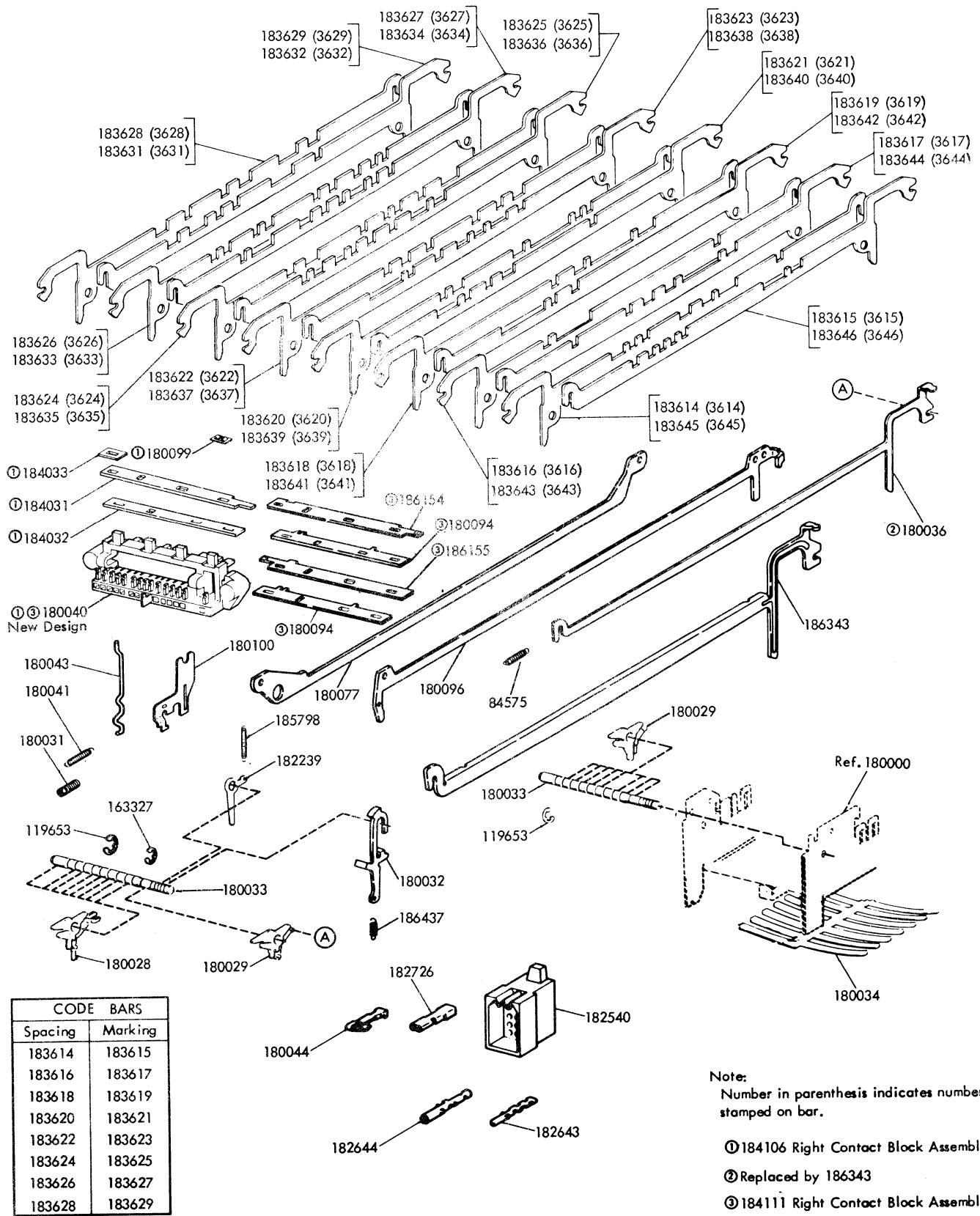


FIGURE 9. CODEBAR MECHANISM FOR NUMERIC KEYBOARD

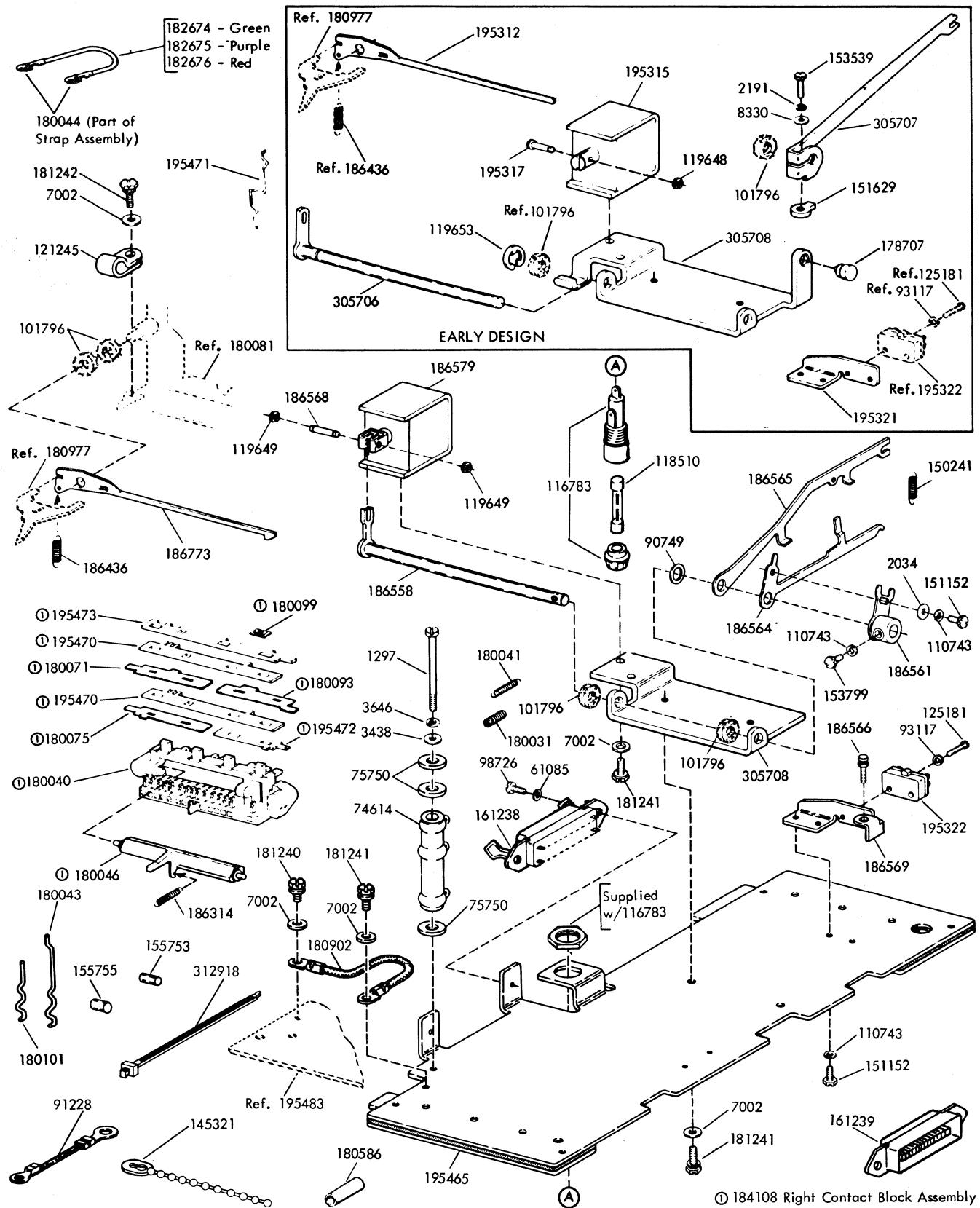


FIGURE 10. RESET MECHANISM FOR SELF-CONTAINED AND SOLENOID RESET KEYBOARDS

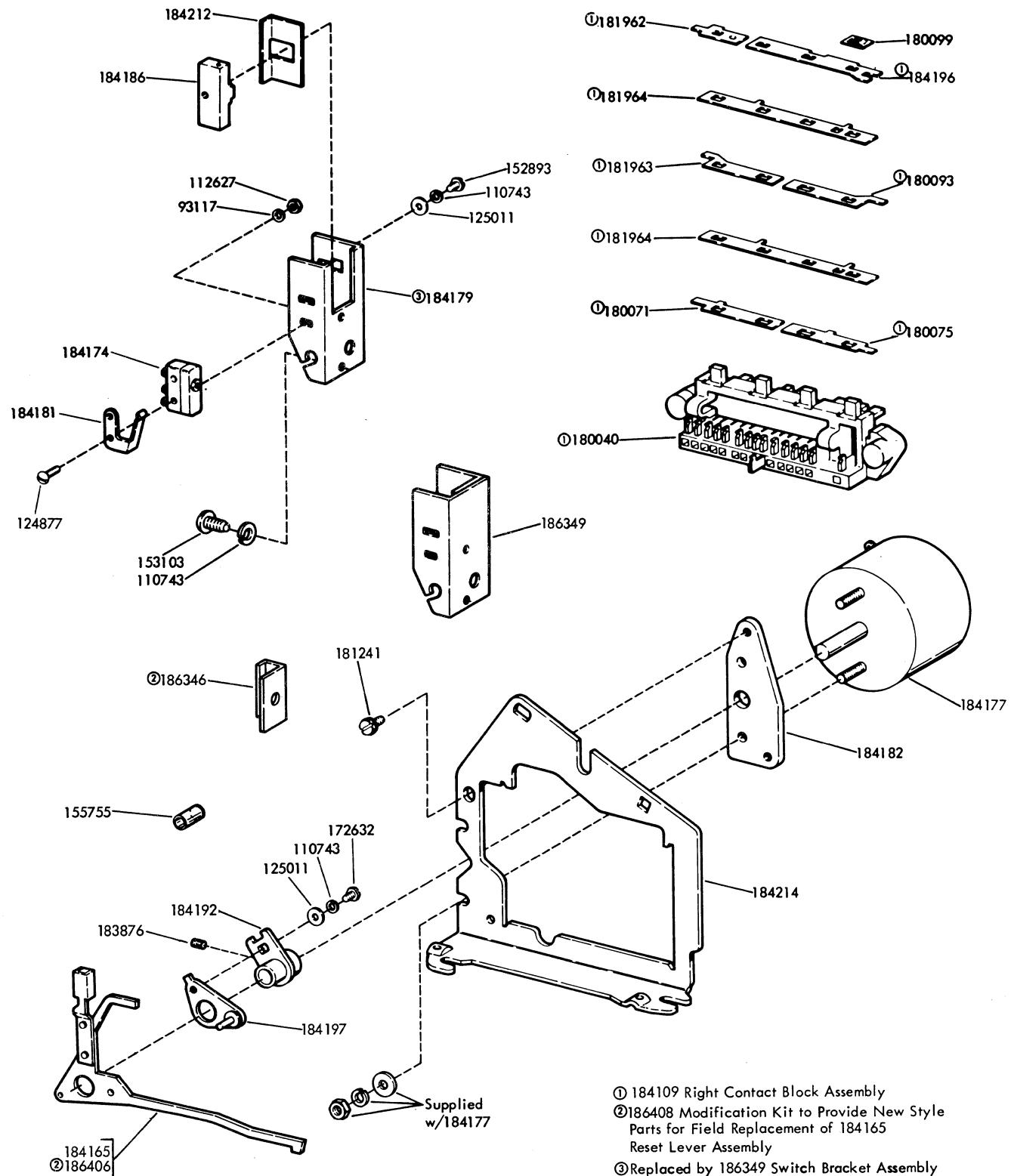
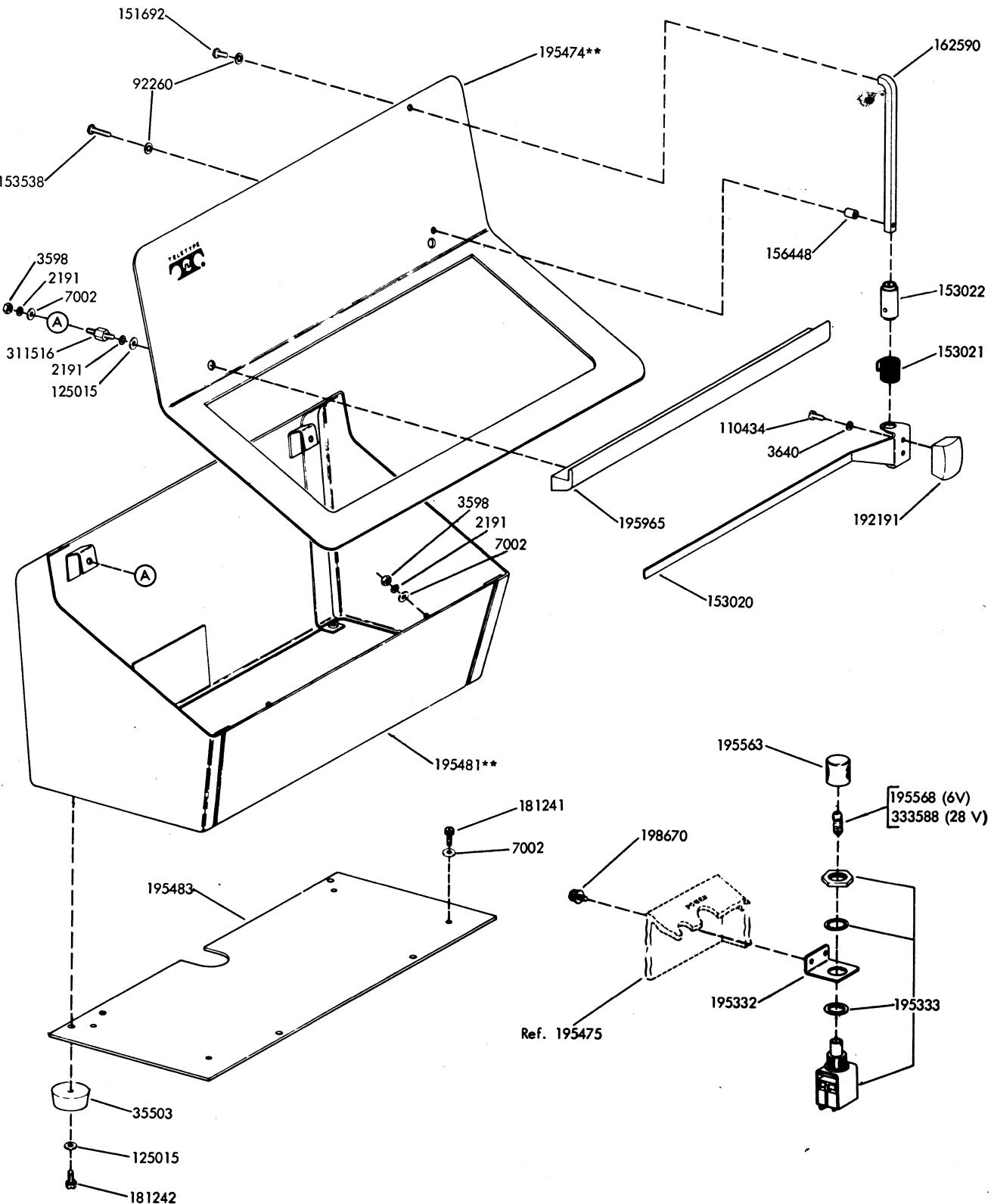


FIGURE 11. RESET MECHANISM FOR EVEN PARITY KEYBOARD

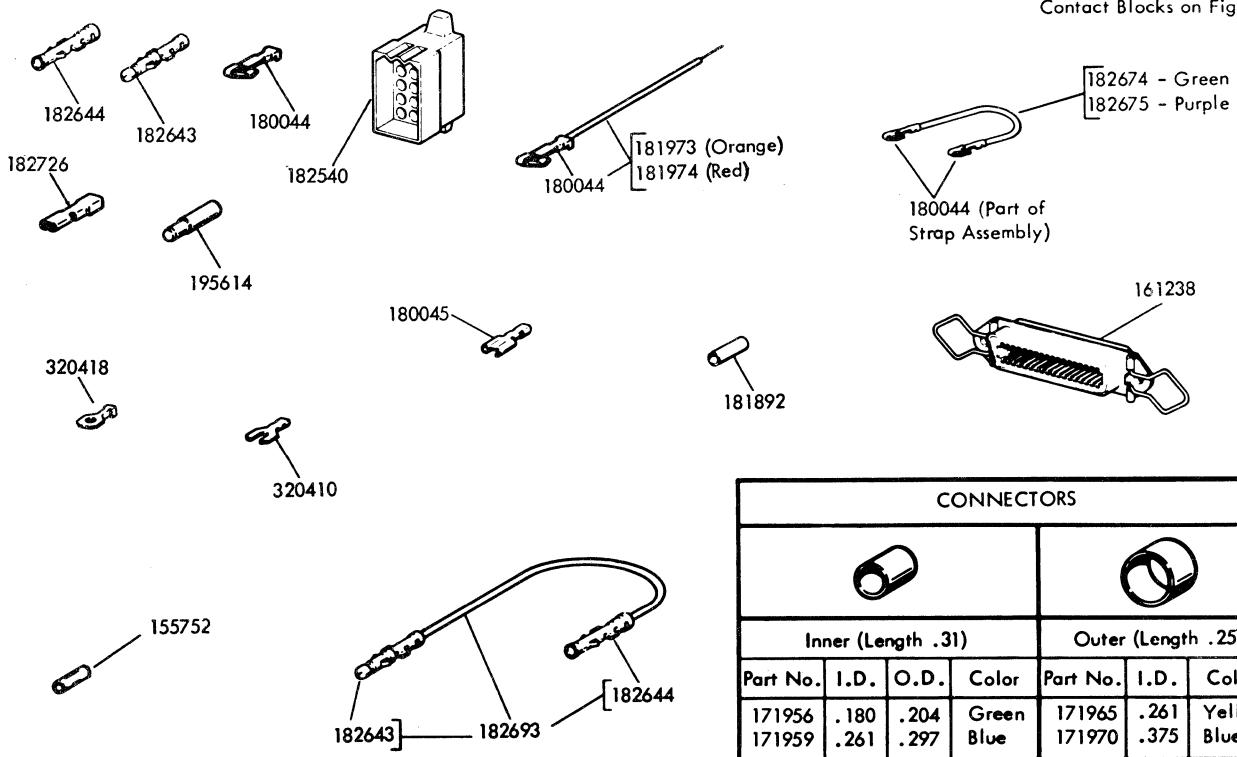


**Refer to page 1 for finish suffix

FIGURE 12. COVER FOR SELF-CONTAINED AND SOLENOID RESET KEYBOARDS

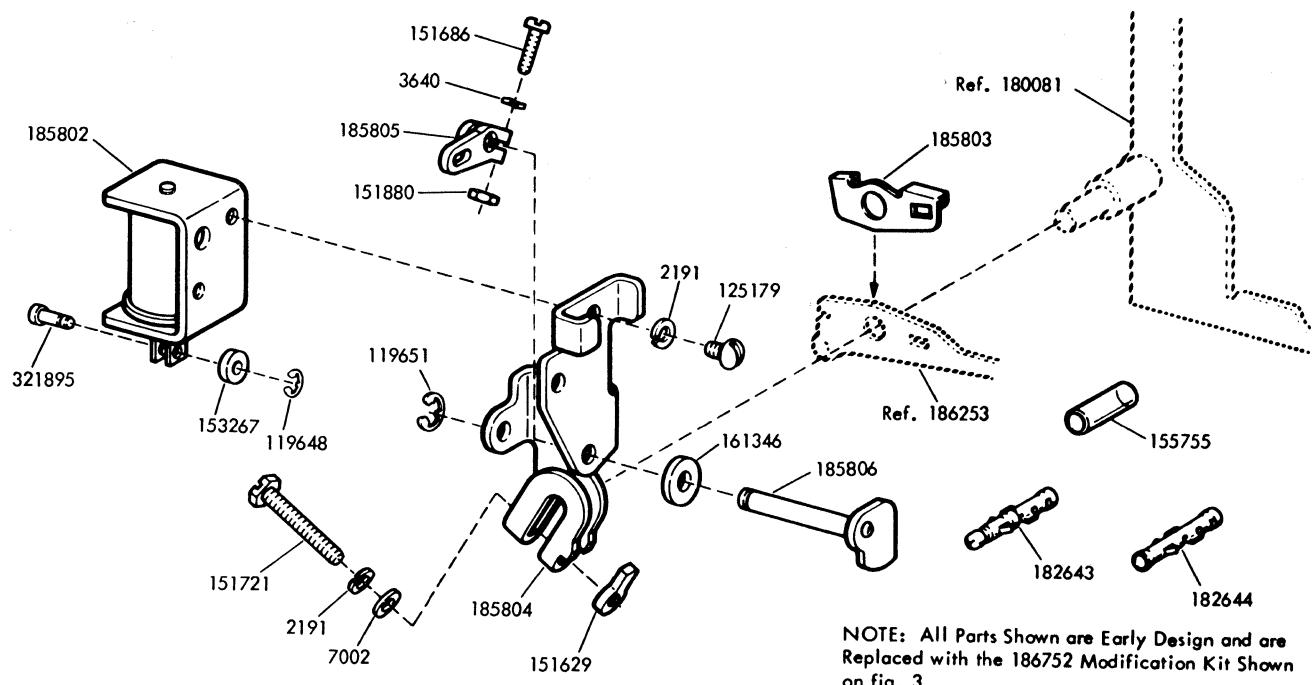
Components	CABLE ASSEMBLIES											
	180870	180908	181978	①181969	184034	184051	184198	184199	185845	186156	①187009	195482
320418									X			
155750			X						X			
155752										X		X
161238									X	X		X
171956							X					
171959								X				
171965							X					
171970								X				
180044	X	X	X	X	X	X	X	X	X	X	X	X
180045		X										X
180586												
181892								X				
181973			X					X				
181974			X					X				
182540	X		X	X	X	X			X			X
182643	X		X	X	X	X	X	X	X			X
182644	X		X	X	X	X			X			X
182674				X								X
182675				X								X
182693					X	X						
182726	X	X	X	X	X	X	X	X	X	X	X	X
195614	X		X	X	X	X		X				
320410		X								X		X

① Includes 183135, 184109
Contact Blocks on Figure 8.



CONNECTORS						
Inner (Length .31)				Outer (Length .25)		
Part No.	I.D.	O.D.	Color	Part No.	I.D.	Color
171956	.180	.204	Green	171965	.261	Yellow
171959	.261	.297	Blue	171970	.375	Blue

FIGURE 13. CABLE COMPONENTS



NOTE: All Parts Shown are Early Design and are
Replaced with the 186752 Modification Kit Shown
on fig. 3.

FIGURE 14. 185801 MODIFICATION KIT TO PROVIDE LOCKING FOR KEYBOARD

NUMERICAL INDEX

Part Number	Description and Page Number	Part Number	Description and Page Number	Part Number	Description and Page Number
1263	Screw, 6-32 x 1/4 Fil 3	125179	Screw, 6-32 x 3/16 Rd 14	178707	Bumper, Rubber 10
1297	Screw, 6-40 x 2-7/16 Fil 10	125181	Screw, 2-56 x 3/8 Fil 10	180000	Frame, Keyboard 2,3,7,8,9
2034	Washer, Flat 10	126815	Screw, 2-56 x 15/64 Hex 3	180012	Codebar, No. 1 Rear 7,8
2191	Lockwasher 3,10,12,14	130664	Lockwasher 3	180013	Codebar, No. 1 Front 7,8
3438	Washer, Flat 10	145321	Tie, Cable 10	180014	Codebar, No. 2 Rear 7
3598	Nut, 6-40 Hex 12	150241	Spring 10	180015	Codebar, No. 2 Front 7
3599	Nut, 4-40 Hex 3	151152	Screw, 4-40 x 3/16 Hex 10	180016	Codebar, No. 3 Rear 7,8
3624	Washer, Flat 2,3	151629	Nut, 6-40 Lug 10,14	180017	Codebar, No. 3 Front 7,8
3640	Lockwasher 12,14	151686	Screw, 6-40 x 3/8 Fil 14	180018	Codebar, No. 4 Rear 7,8
3646	Lockwasher 10	151692	Screw, 6-40 x 3/16 Fil 12	180019	Codebar, No. 4 Front 7,8
5740	Screw, 2-56 x 1/4 Fil 3	151721	Screw, 6-40 x 3/4 Hex 14	180020	Codebar, No. 5 Rear 7,8
6345	Nut, 6-32 Hex 3	151880	Nut, 4-40 Hex 3,14	180021	Codebar, No. 5 Front 7,8
7002	Washer, Flat 3,8,10,12,14	152893	Screw, 4-40 x 1/4 Hex 11	180022	Codebar, No. 6 Rear 7,8
8330	Washer, Flat 10	153020	Guide, Line 12	180023	Codebar, No. 5 Front 7,8
35503	Foot, Rubber 12	153021	Spring, Torsion 12	180024	Codebar, No. 5 Rear 7,8
41663	Washer, Flat 4	153022	Bushing 12	180025	Codebar, No. 5 Front 7,8
61085	Lockwasher 10	153103	Screw, 4-40 Self-Tapping 11	180027	Cover, Keyboard 4
71073	Washer, Flat 3	153267	Washer, Felt 3,14	180028	Lever 7,8,9
74614	Resistor, 2,600 Ohm 10	153538	Screw, 6-40 x 7/16 Hex 12	180029	Lever 7,8,9
75750	Washer, Insulating 10	153539	Screw, 6-40 x 11/16 Hex 10	180030	Lever, Latch 7
80581	Spring 7	153799	Screw, 4-40 x 21/64 Hex 10	180031	Spring, Compression 2,8,9,10
84575	Spring 7,8,9	155750	Sleeve, 3/32 ID x 1/2" Lg	180032	Lever, Non-Repeat 7,8,9
86079	Washer, Felt 3	155752	Sleeve, 5/64 ID x 1/2" Lg	180033	Shaft 7,8,9
90749	Shim, .010" Thk 10	155753	Sleeve, 1/8 ID x 1/2" Lg	180034	Spring, Flat 7,8,9
90790	Washer, Flat 3	155755	Sleeve, 11/64 ID x 5/8" Lg	180036	Codebar, Universal 8,9
91228	Strap, 2-1/2" Braided 10	156448	Insulating 3,10,11,14	180040	Block, Contact 2,8,9,10,11
91229	Strap, 2" Braided 2	156633	Bushing 12	180041	Spring 2,8,9,10
92260	Lockwasher 12	161238	Washer, Felt 2	180043	Wire, Contact 2,8,9,10
93117	Lockwasher 3,10,11	161239	Connector, 36 Pt	180044	Terminal, Tab Type 2,7,9,10,13
93984	Lockwasher 3	161346	Receptacle 10,13	180045	Terminal, Tab Type 13
98726	Screw, 3-48 x 1/4 Fil 10	161346	Connector, 36 Pt Plug 10	180046	Bail, Contact Reset 2,8,10
100337	Spring 2	162590	Washer, Felt 14	180048	Keylever 6
101796	Washer, Felt 10	163327	Shaft 12	180049	Keylever 6
104807	Washer, Flat 3	171759	Ring, Retaining 7,8,9	180050	Keylever 6
110434	Screw, 4-40 x 3/16 Fil 12	171956	Cable Assembly 13	180051	Keylever 6
110743	Lockwasher 10,11	171956	Connector, Green	180052	Keylever, Shift 6
112627	Nut, 2-56 Hex 3,11	171959	Shielding 13	180054	Keylever, Spacebar 6,7
116783	Holder, Fuse 10	171959	Connector, Blue	180055	Keylever, Spacebar 7,8
117608	Nut, Speed 4	171965	Shielding 13	180056	Link, Space 7,8
118510	Fuse, 1/4 Amp 10	171965	Connector, Yellow	180057	Spacebar 5,7
119648	Ring, Retaining 3,10,14	171970	Shielding 13	180061	Keytop 5
119649	Ring, Retaining 10	172632	Connector, Blue	180064	Keylever, Repeat 6
119651	Ring, Retaining 14	172632	Shielding 13	180065	Lever, Link Break 7
119652	Ring, Retaining 4	172632	Shielding 13	180066	Keylever 6
119653	Ring, Retaining 7,8,9,10	172632	Connector, Blue	180067	Codebar, No. 7 Rear 7,8
121245	Clamp, 5/16 ID Cable 10	172632	Shielding 13	180068	Codebar, No. 7 Front 7,8
124877	Screw, 2-56 x 1/2 Rd 11	172632	Screw, 4-40 x 3/16 Hex 11	180069	Keylever, Line Break 6
125011	Washer, Flat 3,11				
125015	Washer, Flat 12				

NUMERICAL INDEX (Continued)

Part Number	Description and Page Number	Part Number	Description and Page Number	Part Number	Description and Page Number
180071	Terminal 2,8,10,11	180186	Keytop 5	180586	Sleeve, 5-32 ID x 21/32"
180072	Keylever, Line Break 6	180187	Keytop 5		Lg Insulating 10,13
180075	Terminal, Line Break 2,8, 10,11	180188	Keytop 5	180870	Cable Assembly 13
		180189	Keytop 5	180902	Jumper, 3-1/2" Braided 10
180076	Lever, No. 5 Pulse 7,8	180190	Keytop 5		
180077	Link 7,8,9	180191	Keytop 5	180908	Cable Assembly 13
180078	Spring, Compression 6,7,8	180192	Keytop 5	180977	Plate w/Stud 2,10
180081	Bracket, Right Keyboard 2,10,14	180193	Keytop 5	181240	Screw w/Lockwasher, 6-40 x 3/16 Hex 10
180082	Bracket, Left Keyboard 2	180195	Keytop 5	181241	Screw w/Lockwasher, 6-40 x 1/4 Hex 8,10,11,12
180083	Spring 7	180196	Keytop 5	181242	Screw w/Lockwasher, 6-40 x 5/16 Hex 10,12
180084	Cover, Keyboard 4	180197	Keytop 5		
180090	Terminal, Common 2	180198	Keytop 5	181253	Keytop 5
180093	Terminal 2,8,10,11	180199	Keytop 5	181254	Keylever 6
180094	Insulator 2,9	180200	Keytop 5	181255	Keylever 6
180096	Link 7,8,9	180201	Keytop 5	181310	Lever 7,8
180099	Fastener 2,8,9,10,11	180202	Keytop 5	181892	Sleeve, 9/64 ID x 1" Lg Insulating 13
180100	Guide 7,8,9	180203	Keytop 5	181960	Spacer, .144" Thk 8
180101	Wire, Contact 2,10	180205	Keytop 5	181961	Terminal 8
180106	Keylever 6	180206	Keytop 5	181962	Terminal 8,11
180107	Detent 2	180207	Keytop 5	181963	Terminal, Parity 8,11
180114	Bracket, Left Keyboard 2	180208	Keytop 5	181964	Insulator 8,11
		180257	Keytop 5	181965	Block, Contact 8
180115	Modification Kit 2	180259	Keytop 5	181966	Terminal 8
180116	Keylever 6	180260	Keytop 5	181967	Terminal 8
180160	Keytop 5	180261	Keytop 5	181968	Insulator 8
180161	Keytop 5	180262	Keytop 5	181969	Cable Assembly 13
180162	Keytop 5	180264	Keytop 5	181970	Link w/Extension 8
180163	Keytop 5	180273	Keytop 5	181971	Keytop 5
180164	Keytop 5	180274	Keytop 5	181973	Jumper, 3-1/2" Orange 13
180165	Keytop 5	180278	Keytop 5	181974	Jumper, 3" Red 13
180166	Keytop 5	180280	Keytop 5	181975	Keylever 6
180167	Keytop 5	180281	Keytop 5	181976	Keylever 6
180168	Keytop 5	180282	Keytop 5	181978	Cable Assembly 13
180169	Keytop 5	180299	Keytop 5	181979	Bracket, Left Keyboard 2,8
180170	Keytop 5	180335	Keytop 5	182239	Latchlever 3,7,8,9
180171	Keytop 5	180336	Keytop 5	182540	Connector, 15 Pt Plug Type 7,9,13
180172	Keytop 5	180373	Keytop 5	182643	Terminal, Plug Type 3,7,9,13,14
180173	Keytop 5	180374	Keytop 5	182644	Terminal, Receptacle Type 3,7,9,13,14
180174	Keytop 5	180382	Keytop 5	182674	Jumper, 2-1/4" Green 2,10,13
180175	Keytop 5	180383	Keytop 5	182675	Jumper, 2-1/4" Purple 2,10,13
180176	Keytop 5	180384	Keytop 5	182676	Jumper, 2-1/4" Red 2,10
180177	Keytop 5	180385	Keytop 5		
180178	Keytop 5	180418	Keytop 5		
180179	Keytop 5	180419	Keytop 5		
180180	Keytop 5	180440	Keytop 5		
180181	Keytop 5	180441	Keytop 5		
180182	Keytop 5	180442	Keytop 5		
180183	Keytop 5	180443	Keytop 5		
180184	Keytop 5	180444	Keytop 5		
180185	Keytop 5				

NUMERICAL INDEX (Continued)

Part Number	Description and Page Number	Part Number	Description and Page Number	Part Number	Description and Page Number
182693	Jumper, 2-1/4" Orange 13	183645	Codebar 9	184334	Keytop 5
182726	Terminal, Receptacle Type 7,9,13	183646	Codebar 9	184335	Keytop 5
182693	Jumper, 2-1/4" Orange 13	183647	Codebar 7	184336	Keytop 5
183135	Cover 13	183648	Codebar 7	184337	Keytop 5
183236	Keylever, Repeat 6	183649	Codebar 7	184338	Keytop 5
183237	Cover, Keyboard 4	183852	Pin 3	184339	Keytop 5
183238	Keylever 6	183876	Setscrew, 6-32 11	184340	Keytop 5
183600	Codebar 8	183888	Keytop 5	184341	Keytop 5
183601	Codebar 8	183889	Keytop 5	184342	Keytop 5
183602	Codebar 8	183890	Keytop 5	184343	Keytop 5
183603	Codebar 8	183891	Keytop 5	184344	Keytop 5
183604	Codebar 8	183892	Keytop 5	184345	Keytop 5
183605	Codebar 8	183893	Wire, Contact 8	184346	Keytop 5
183608	Codebar 8	184021	Cover, Keyboard 4	184351	Keytop 5
183609	Codebar 8	184022	Keylever 6	184734	Keytop 5
183610	Codebar 8	184023	Keylever 6	184815	Keytop 5
183611	Codebar 8	184024	Keylever 6	184816	Keytop 5
183612	Codebar 8	184025	Keytop 5	184817	Keytop 5
183613	Codebar 8	184026	Keytop 5	184818	Keytop 5
183614	Codebar 8	184027	Keytop 5	184869	Keytop 5
183615	Codebar 9	184031	Terminal 9	184895	Keytop 5
183616	Codebar 9	184032	Insulator, .031" Thk 9	185089	Keytop 5
183617	Codebar 9	184033	Spacer, .035" Thk 9	185090	Keytop 5
183618	Codebar 9	184034	Cable Assembly 13	185092	Keytop 5
183619	Codebar 9	184051	Cable Assembly 13	185093	Keytop 5
183620	Codebar 9	184106	Block Assembly, Right	185150	Keytop 5
183621	Codebar 9	184107	Contact 9	185159	Keytop 5
183622	Codebar 9	184108	Block Assembly, Right	185160	Keytop 5
183623	Codebar 9	184109	Contact 2	185161	Keytop 5
183624	Codebar 9	184109	Block Assembly, Right	185162	Keytop 5
183625	Codebar 9	184111	Contact 10	185163	Keytop 5
183626	Codebar 9	184111	Block Assembly, Right	185164	Keytop 5
183627	Codebar 9	184135	Contact 8,11,13	185165	Keytop 5
183628	Codebar 9	184135	Block Assembly, Left	185394	Keytop 5
183629	Codebar 9	184135	Contact 8	185395	Keytop 5
183631	Codebar 9	184165	Lever, Reset 11	185396	Keytop 5
183632	Codebar 9	184174	Switch, SP-DT 11	185619	Frame, Left Keyboard 2
183633	Codebar 9	184177	Solenoid, Rotary 11	185620	Frame, Right Keyboard 2
183634	Codebar 9	184179	Bracket 11	185780	Spring, Compression 6
183635	Codebar 9	184181	Actuator 11	185798	Spring 7,8,9
183636	Codebar 9	184182	Plate 11	185801	Modification Kit 1,14
183637	Codebar 9	184186	Switch, Reed 11	185802	Solenoid 3
183638	Codebar 9	184192	Plate w/Hub 11	185803	Clip 14
183639	Codebar 9	184196	Terminal 11	185804	Bracket 14
183640	Codebar 9	184197	Plate w/Stud 11	185805	Lever 14
183641	Codebar 9	184198	Cable Assembly 13	185806	Shaft 14
183642	Codebar 9	184199	Cable Assembly 13	185845	Cable Assembly 13
183643	Codebar 9	184212	Guide 11	185871	Screw w/Lockwasher, 8-32 x 3/8 Hex 2
183644	Codebar 9	184214	Bracket, Right 11	186049	Lever 8
				186051	Link 8

NUMERICAL INDEX (Continued)

Part Number	Description and Page Number	Part Number	Description and Page Number	Part Number	Description and Page Number
186071	Cover 4	186704	Stud 3	195465	Plate, Mounting 10
186154	Terminal 9	186705	Shaft 3	195470	Insulator, .031" Thk 10
186155	Terminal 9	186706	Cam, Trip 3	195471	Wire, Contact 10
186156	Cable Assembly 13	186707	Lever 3	195472	Terminal 10
186253	Lever w/Hub 2,14	186709	Bushing, Eccentric 3	195473	Terminal, Common 10
186314	Spring 2,8,10	186746	Lever 6	195474**	Panel, Top 12
186339	Spring 8	186752	Modification Kit 1,3,14	195475	Cover, Keyboard 4,12
186343	Codebar 7,8,9	186754	Bushing 3	195481**	Cover 12
186346	Shield, Magnetic 11	186773	Lever, Reset 10	195482	Cable Assembly 13
186349	Bracket 11	186830	Bracket 3	195483	Plate 10,12
186406	Lever, Reset 11	186831	Solenoid 3	195563	Lens, Red Pushbutton 12
186408	Modification Kit 11	186832	Bushing, Eccentric 3	195568	Lamp, 6 V 12
186417	Wire, Contact 8	186833	Shaft 3	195614	Pin, Key 13
186419	Lever 8	186834	Lever 3	195965	Tray, Copyholder 12
186435	Spring 2	186874	Cam, Trip 3	198670	Screw w/Lockwasher, 6-40 x 5/16 Hex 12
186436	Spring 10	187008	Wire, Contact 8	303037	Spring, Compression 3
186437	Spring 7,8,9	187009	Cable Assembly 13	305537	Plug, Button 4
186558	Shaft w/Link 10	192191	Knob 12	305706	Shaft w/Link 10
186561	Link w/Hub 10	192538	Plug, Button 4	305707	Arm, Reset 10
186564	Lever 10	195307	Keylever, Repeat 6	305708	Bracket, Solenoid 10
186565	Lever, Reset 10	195309	Lever, Non-Repeat 7	311516	Post 12
186566	Screw, 4-40 Adjusting 10	195312	Lever, Reset 10	312918	Strap 10
186568	Pin 10	195315	Solenoid w/Plunger 10	320410	Terminal, Spade Type 7, 13
186569	Bracket 10	195317	Pin 10	320418	Terminal, Ring Type 13
186579	Solenoid 10	195321	Bracket, Switch 10	321895	Post 3,14
186700	Shaft 3	195322	Switch 10	333588	Lamp, 28V Miniature 12
186701	Plate 3	195332	Bracket, Power Switch 12		
186702	Screw, 6-32 Spl 3	195333	Switch, Pushbutton 12		
186703	Plate, Top Mounting 3				

**Refer to page 1 for finish suffix

33 TYPING UNIT (UP)

PARTS

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2	Paper Handling Mechanism - Friction Feed	3	25	Function Levers	24
3	Platen Mechanism - Sprocket Feed	4	26	Function Levers (Continued)	25
4	Platen Mechanism - Sprocket Feed (Continued)	5	27	185971 Modification Kit to Provide Printer With an End-of-Line Bell to Ring on Approximately the 62nd Character	26
5	Ribbon Feed Mechanism	6	28	185791 Modification Kit to Provide Controlled Single or Double Line Feed Feature on Friction Feed Printer	26
6	Carriage Upper Plate Mechanism	7	29	Typewheel Chart	27
7	Carriage Lower Plate Mechanism	8	30	Typewheel Chart (Continued)	28
8	Carriage Power Bail Mechanism	9	31	Typewheel Chart (Continued)	29
9	Carriage Drive Bail Mechanism	10	32	Typewheel Chart (Continued)	30
10	Main Shaft Mechanism - Friction Feed	11	33	Mechanism - Sprocket Feed	31
11	Main Shaft Mechanism - Sprocket Feed	12	34	Later Design Formout Mechanism - Sprocket Feed	32
12	182015 Clutch Trip Lever Assembly	13	35	Contact - Sprocket Feed	32
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14	Function Box Mechanism	15	37	Base	34
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21	Clutch Trip Mechanism	21		Numerical Index	41
22	Answer-Back Drum Mechanism	22			
23	Answer-Back Trip Magnet Mechanism	22			

SECTION 574-122-800TC

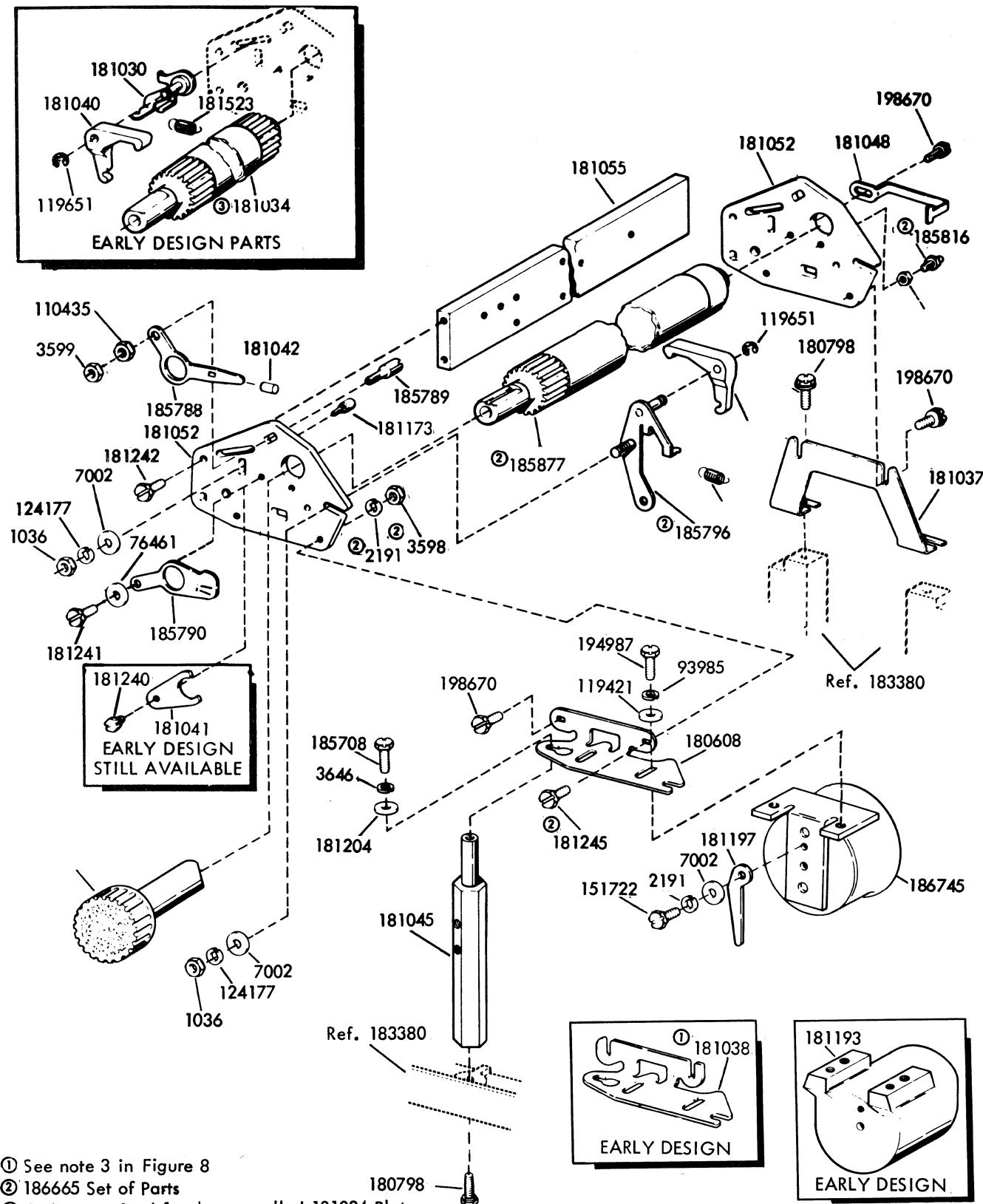


FIGURE 1. PLATEN MECHANISM - FRICTION FEED

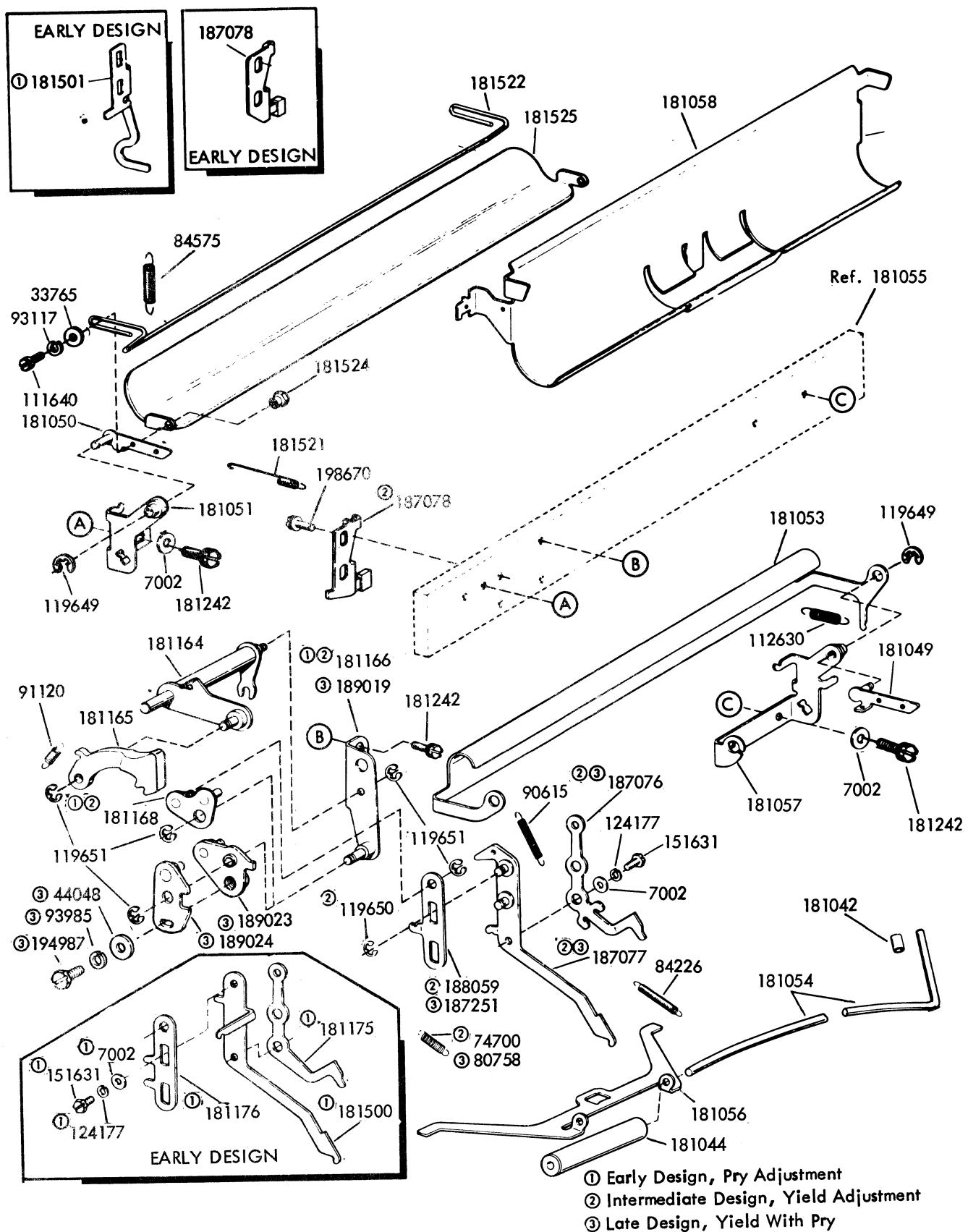
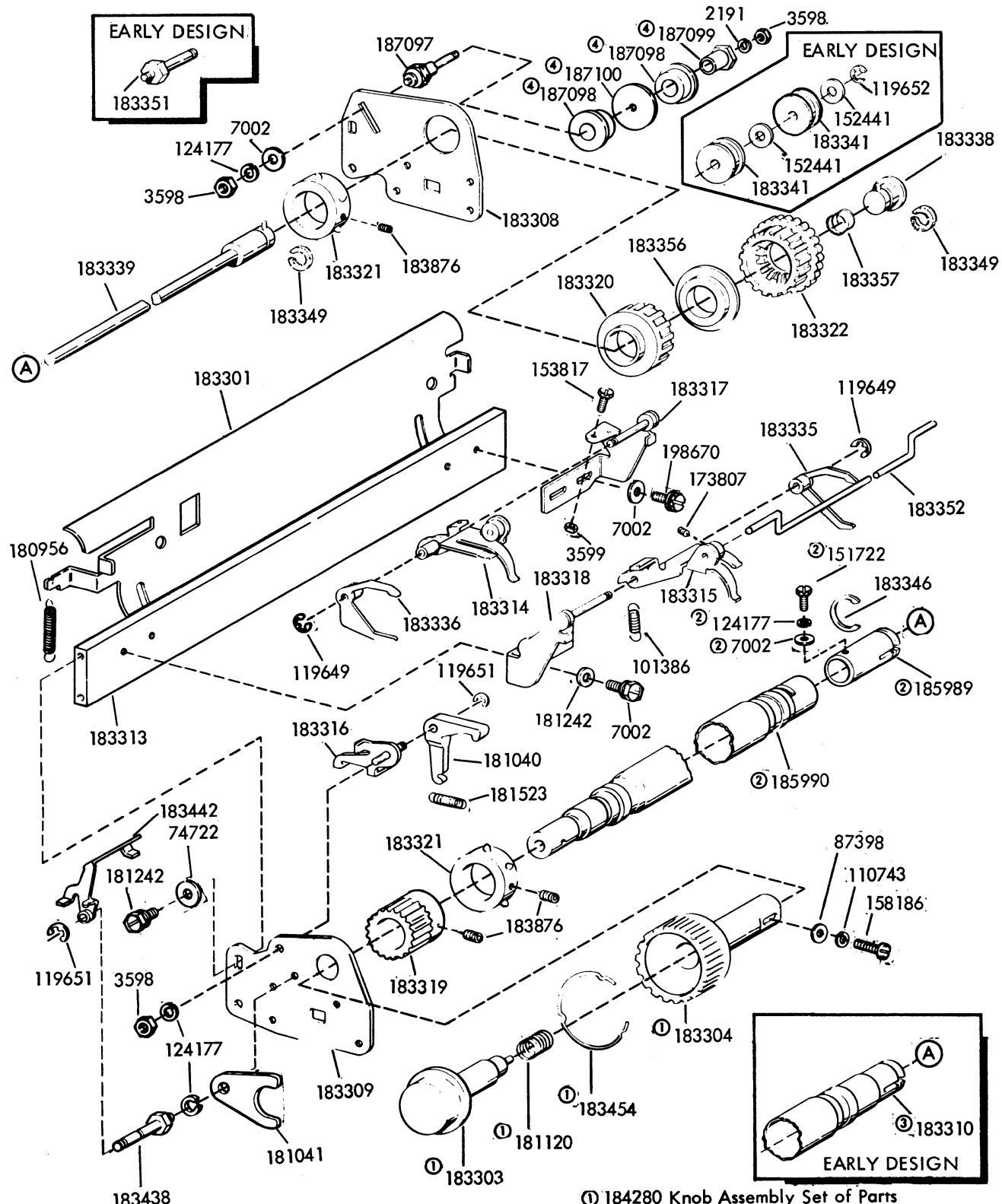


FIGURE.2. PAPER HANDLING MECHANISM - FRICTION FEED

SECTION 574-122-800TC



- ① 184280 Knob Assembly Set of Parts
- ② 186606 Platen Set of Parts
- ③ No longer available. Order 186606 Set of Parts
- ④ Later Design, interchangeable in groups only
also includes 187096 Cam Plate, shown on Fig. 33

FIGURE 3. PLATEN MECHANISM - SPROCKET FEED

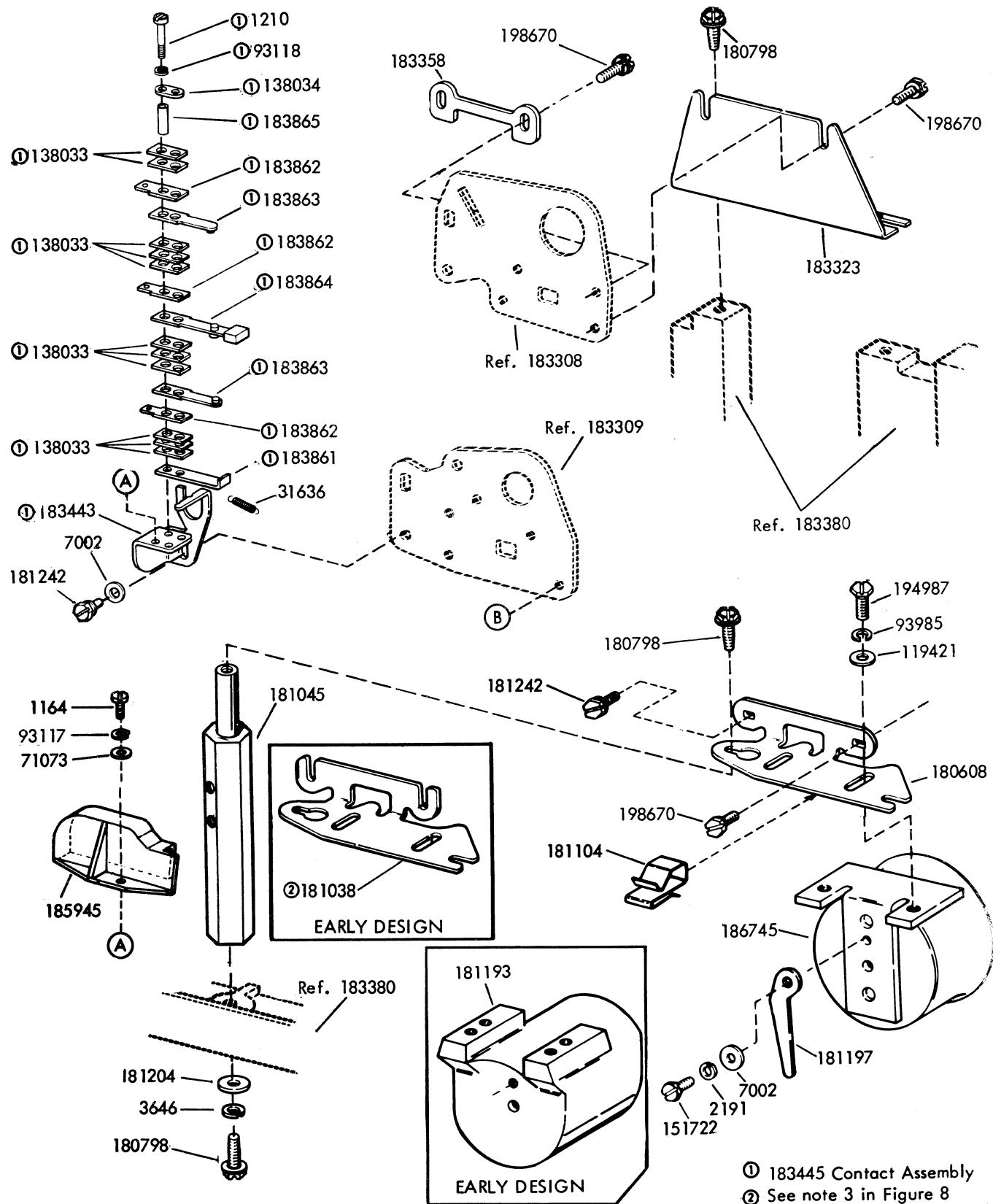


FIGURE 4. PLATEN MECHANISM - SPROCKET FEED (CONTINUED)

SECTION 574-122-800TC

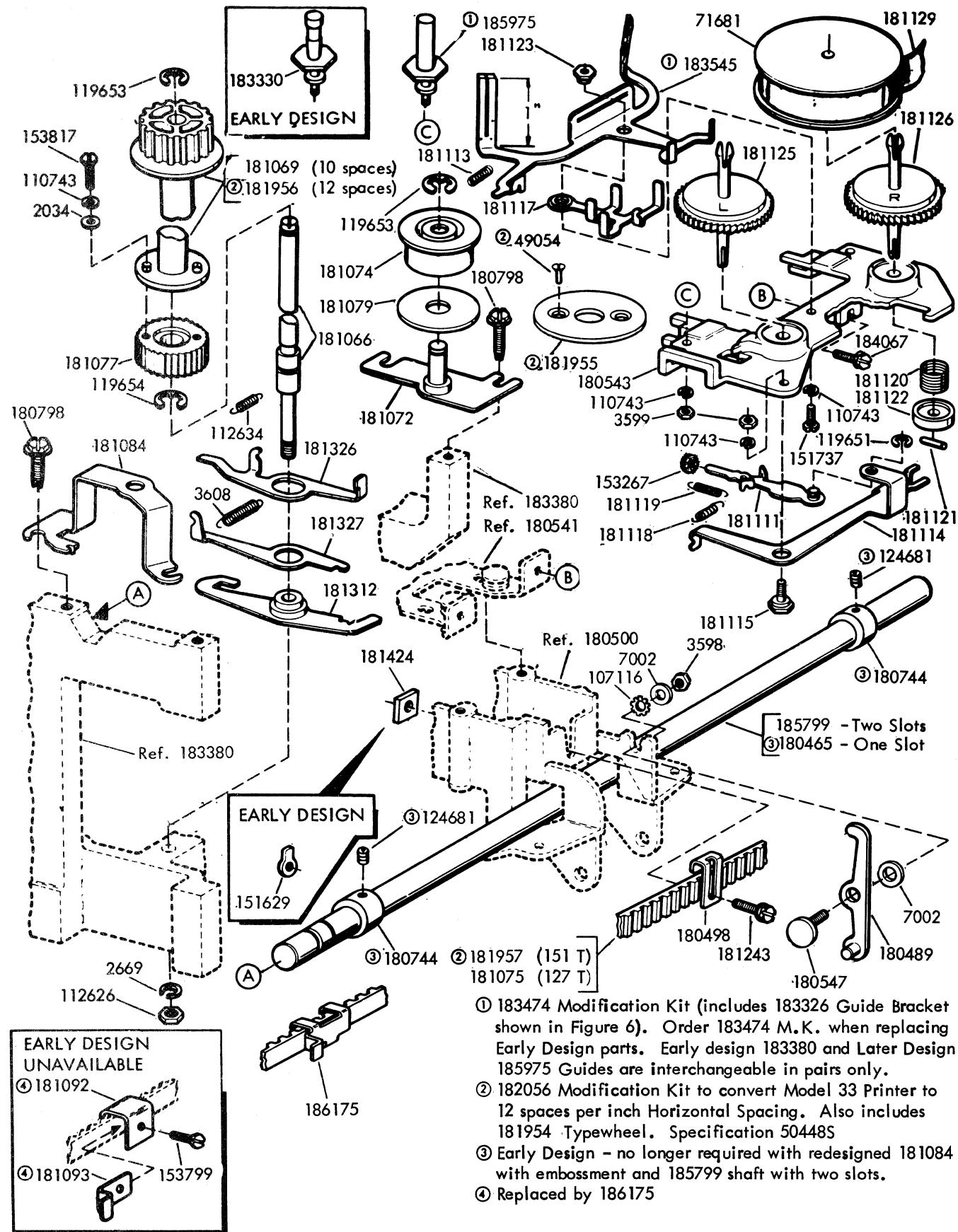
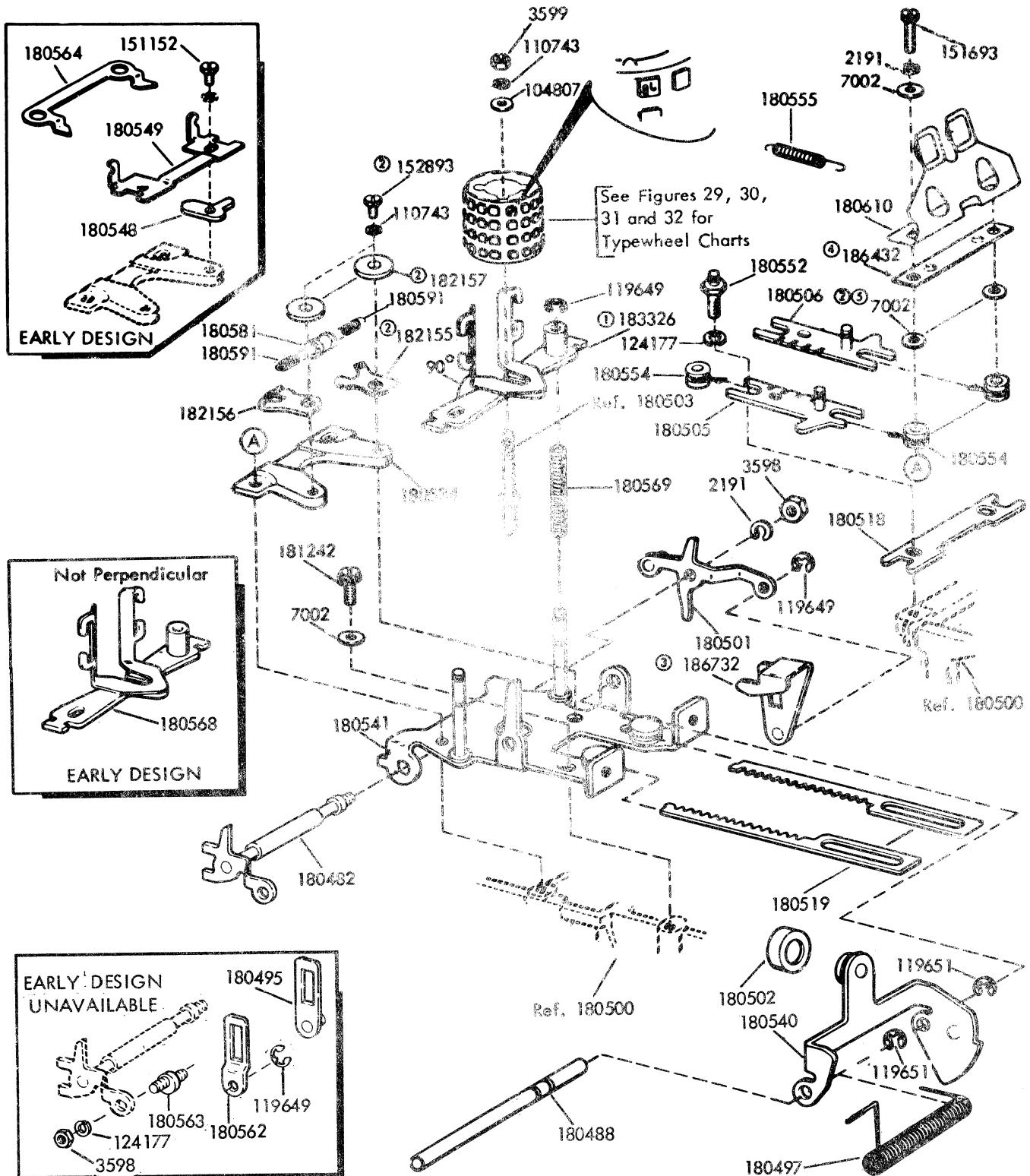


FIGURE 5. RIBBON FEED MECHANISM



① Part of the 183474 Modification Kit
(See note ① in Figure 5)

② Late Design parts - Early Design and Late Design parts are interchangeable as a complete set only.

③ The 186732 Link w/stud replaces the Early Design 180495 and 180562 Links

④ Used on units equipped with the non-adjustable rotary rack.
⑤ Used on units not equipped with the non-adjustable rotary rack.

FIGURE 6. CARRIAGE UPPER PLATE MECHANISM

SECTION 574-122-800TC

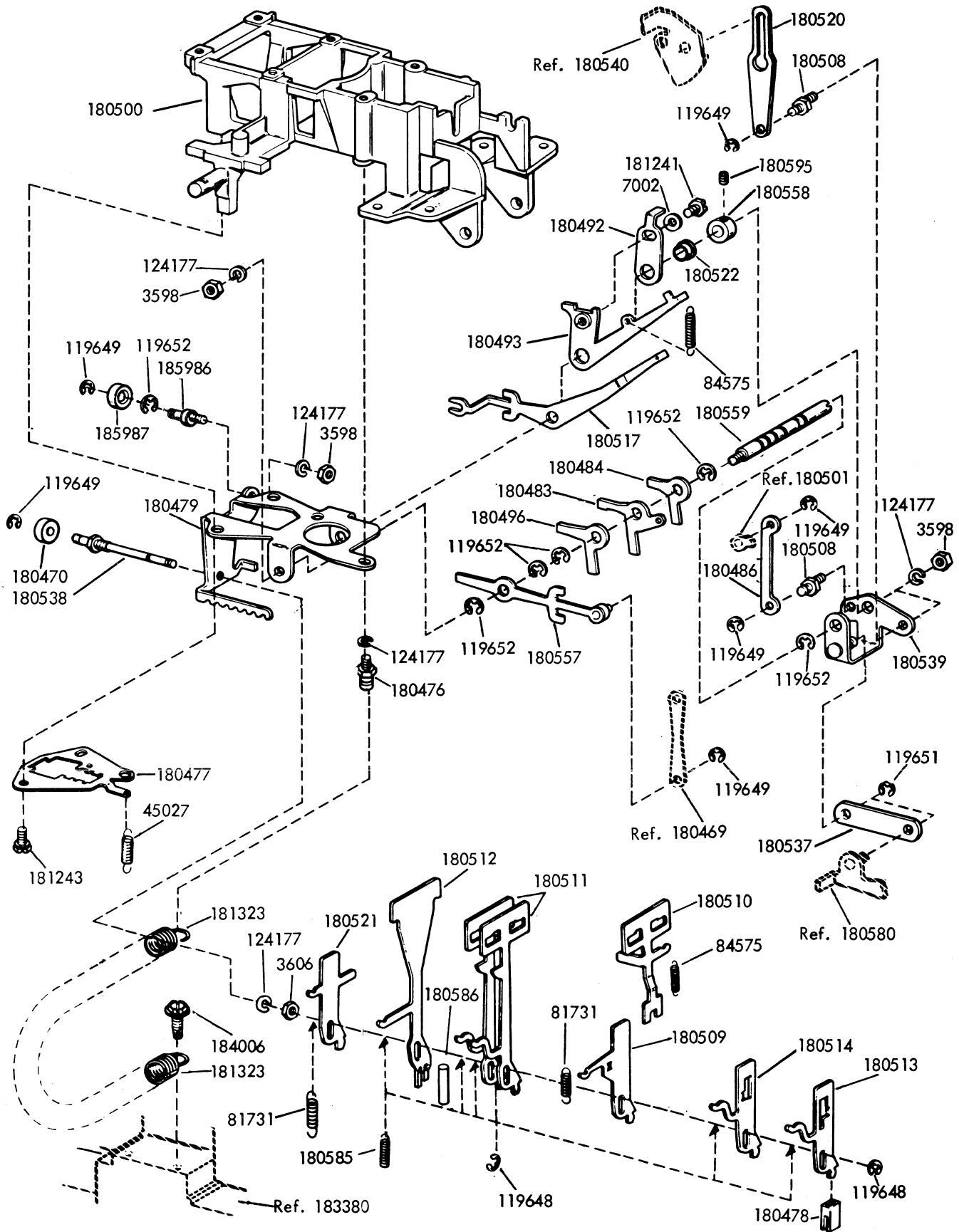


FIGURE 7. CARRIAGE LOWER PLATE MECHANISM

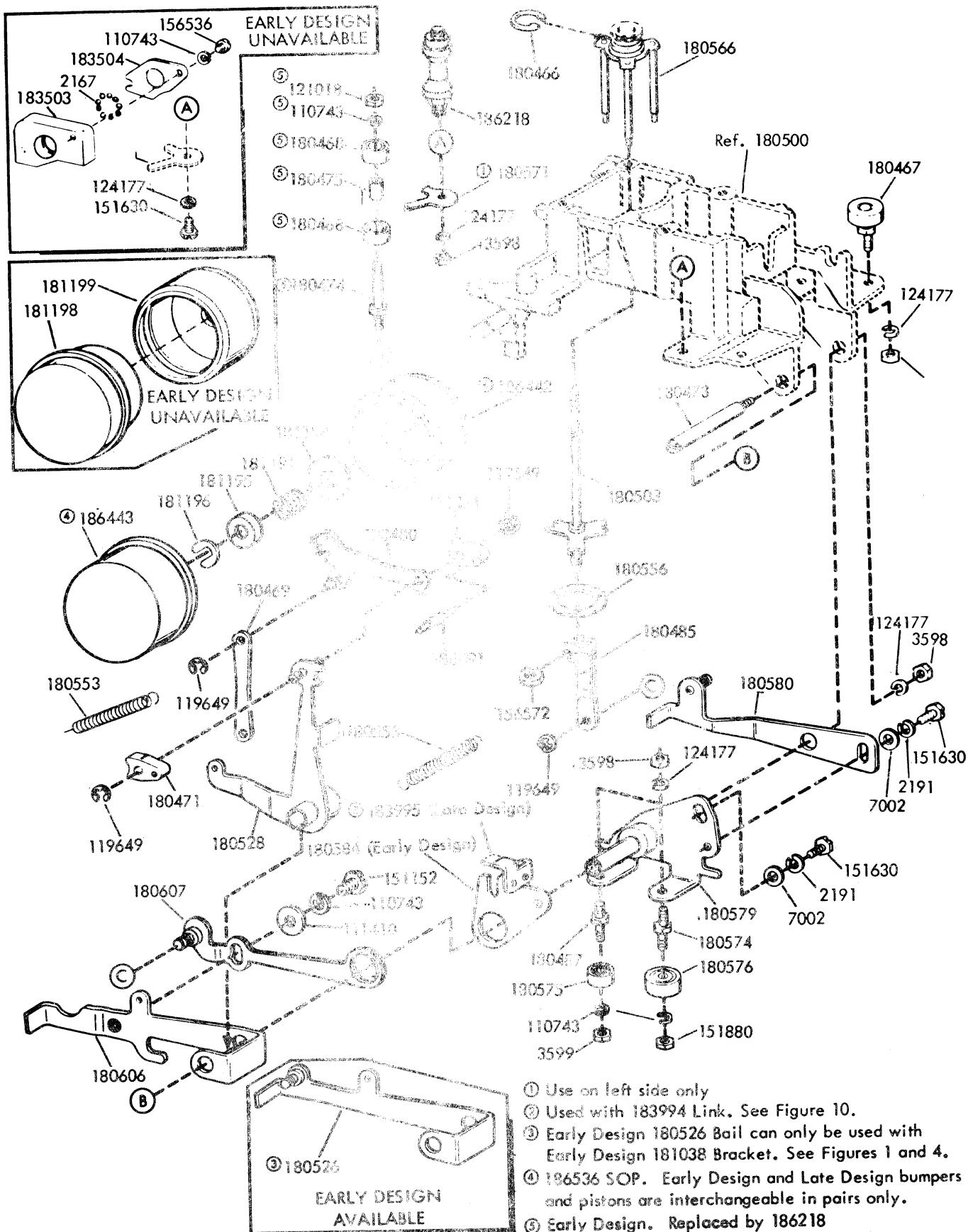
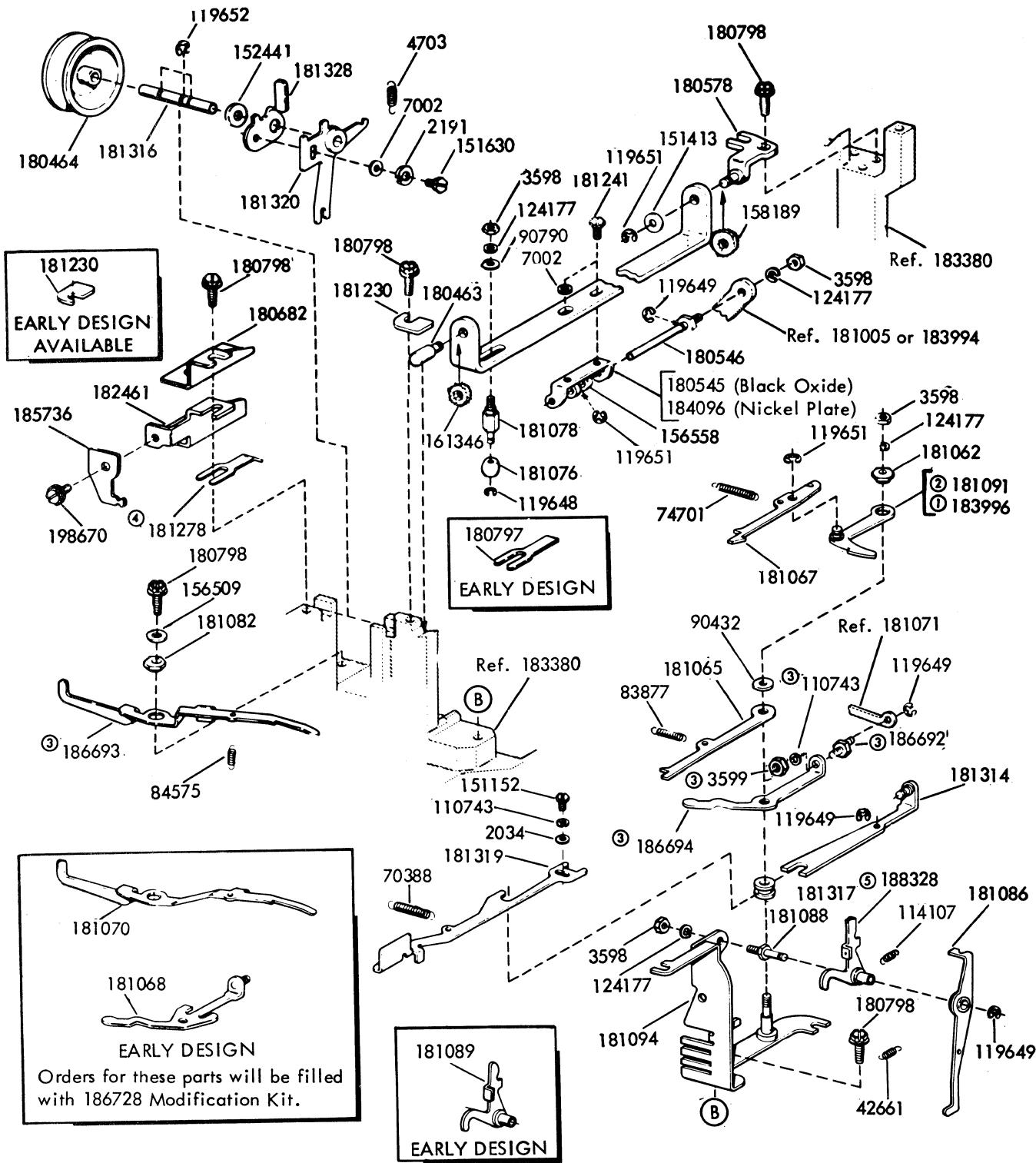


FIGURE 8. CARRIAGE POWER BAIL MECHANISM

SECTION 574-122-800TC



- ① Used with 183994 (Figure 10)
- ② Used with 181005 (Figure 10)
- ③ 186728 Modification Kit
- ④ 181278 replaces 180797
- ⑤ 188328 replaces 181089

FIGURE 9. CARRIAGE DRIVE BAIL MECHANISM

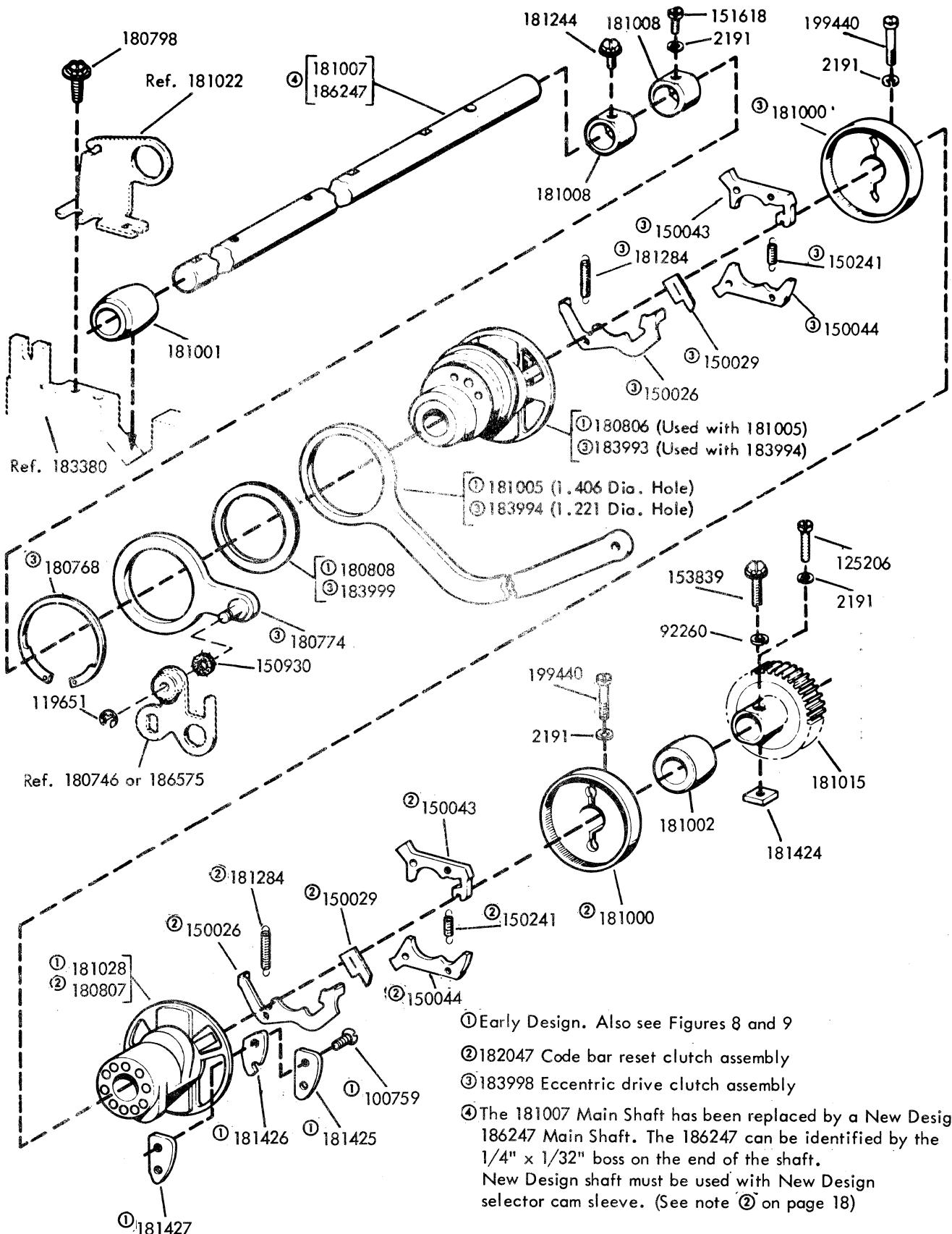


FIGURE 10. MAIN SHAFT MECHANISM - FRICTION FEED

SECTION 574-122-800TC

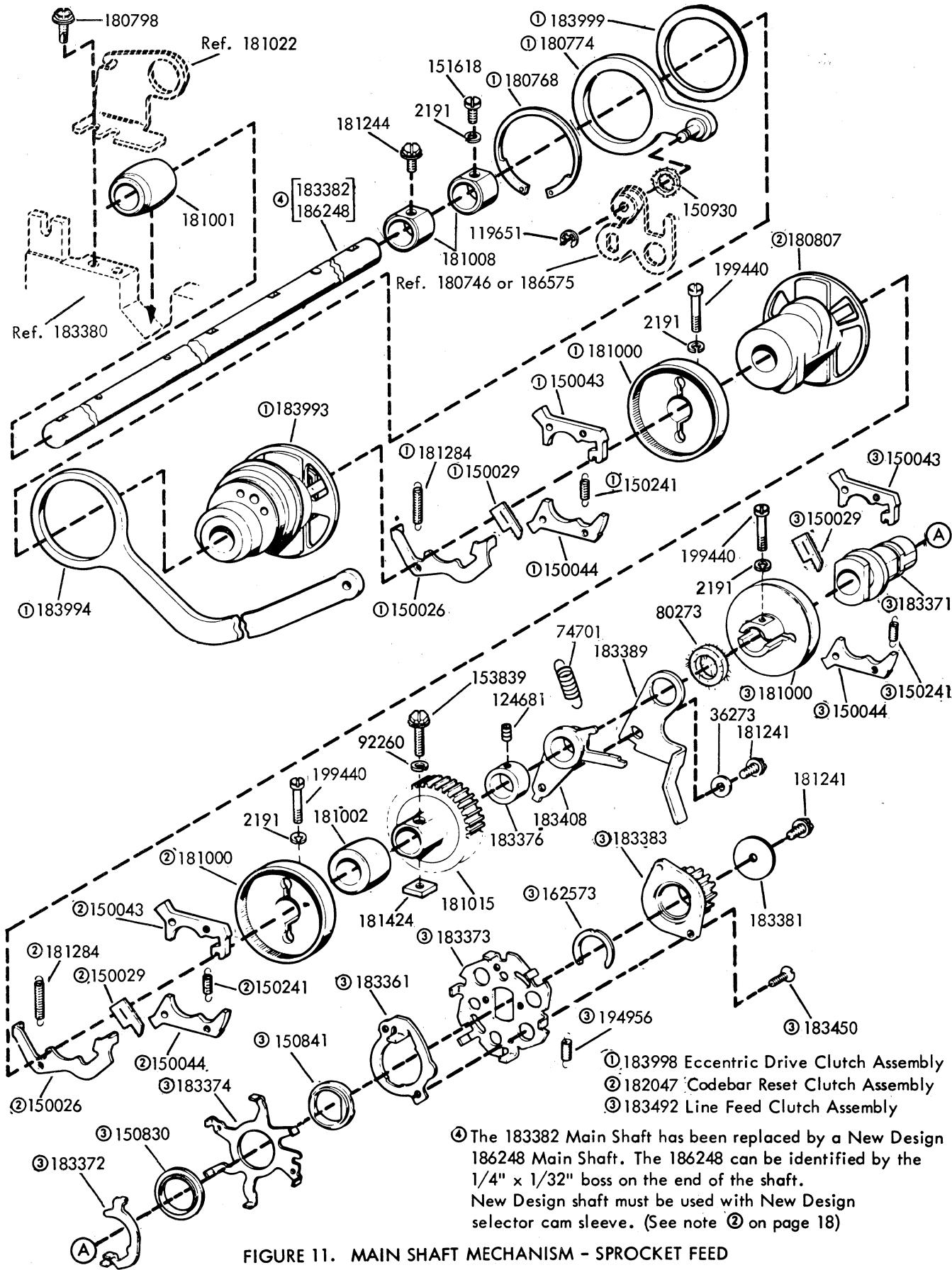


FIGURE 11. MAIN SHAFT MECHANISM - SPROCKET FEED

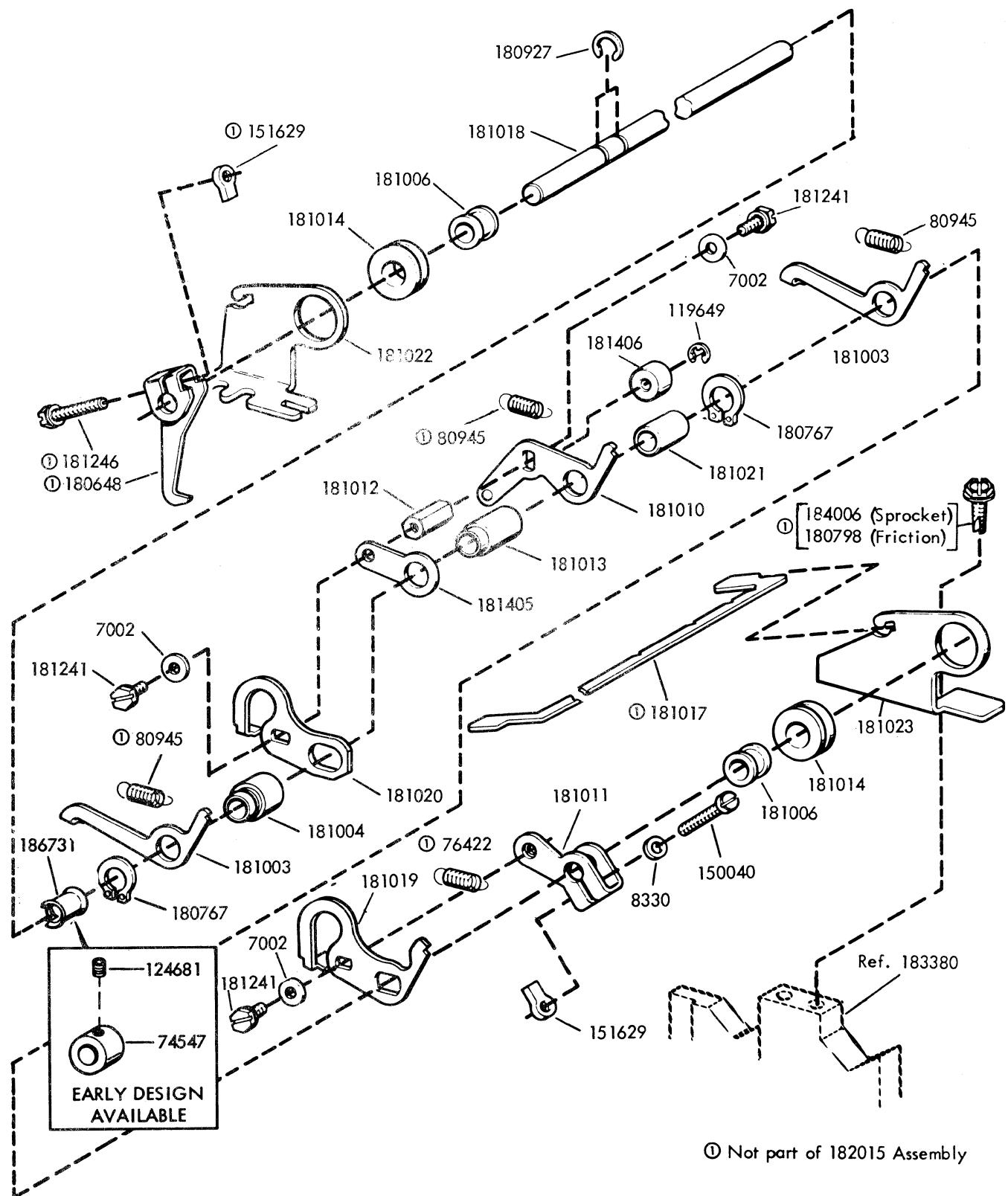
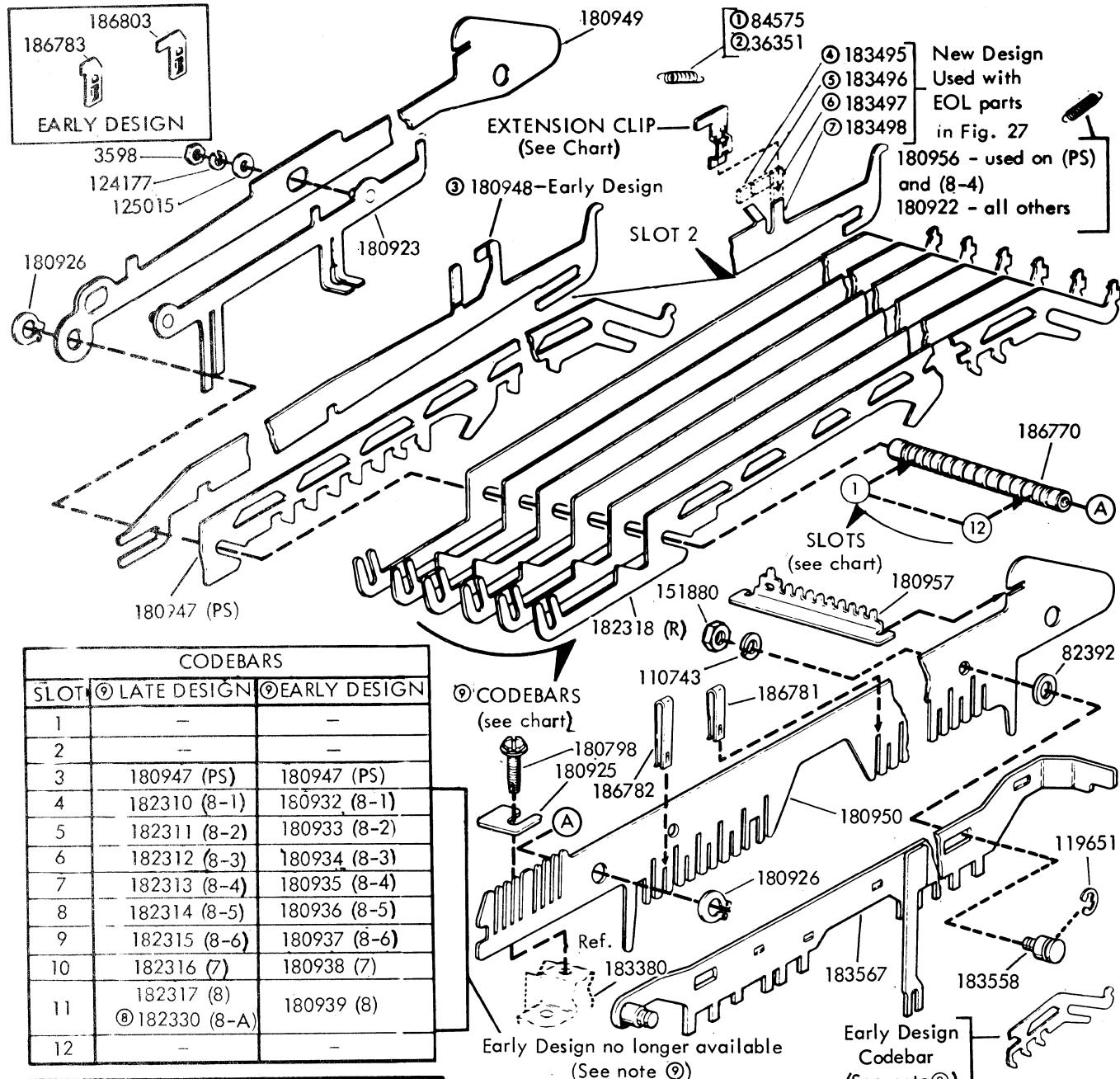


FIGURE 12. 182015 CLUTCH TRIP LEVER ASSEMBLY

SECTION 574-122-800TC



EXTENSION CLIPS E.O.L. BELL & A.C.R.		
PART NUMBER	I.D. STAMP	USAGE
186783	F-72	FRICTION 10"
186803	S-72	SPROCKET 10"
187196	F-69	FRICTION 10"
187197	F-74	FRICTION 10"
187198	S-69	SPROCKET 10"
187199	F-83	FRICTION 12"
187200	F-86	FRICTION 12"
187201	-	FRICTION 12"
187202	S-83	SPROCKET 12"
187203	S-86	SPROCKET 12"

① Used with 180948

② All others

③ Auto CR and EOL bell. By removing tines bar can be coded for a 69, 72 or 74 character line

④ Auto CR and EOL bell on a 69 character line

⑤ Auto CR and EOL bell on a 72 character line

⑥ Auto CR and EOL bell on a 74 character line

⑦ EOL bell only.

⑧ Sets equipped with even parity keyboard

⑨ Early Design (Black Oxide) and Late Design

(Nickel) Codebars are interchangeable in sets only. (Numbers in parenthesis indicate stamping on bar) See notes ④ and ⑤ in Figure 16.

FIGURE 13. CODEBAR BASKET MECHANISM

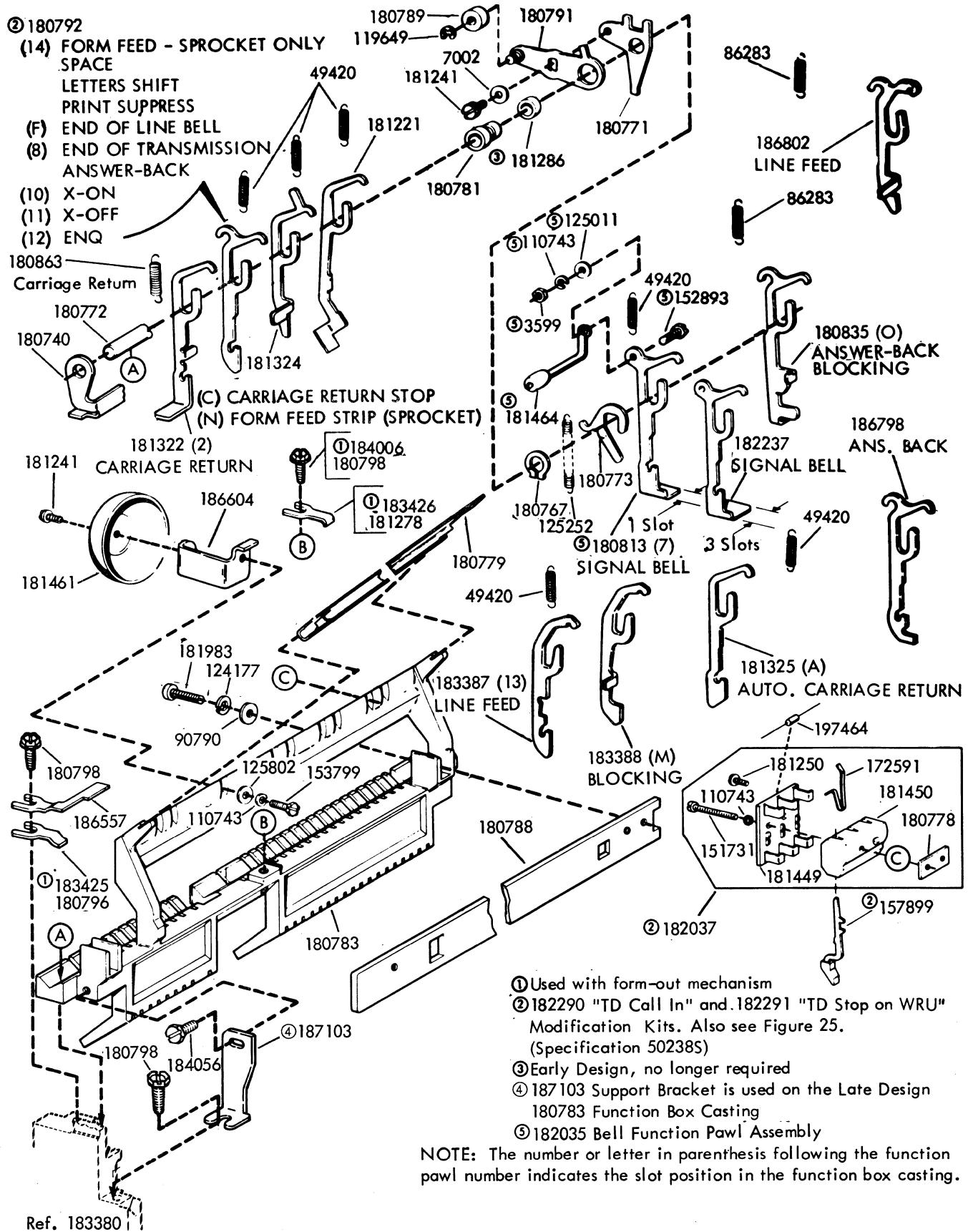
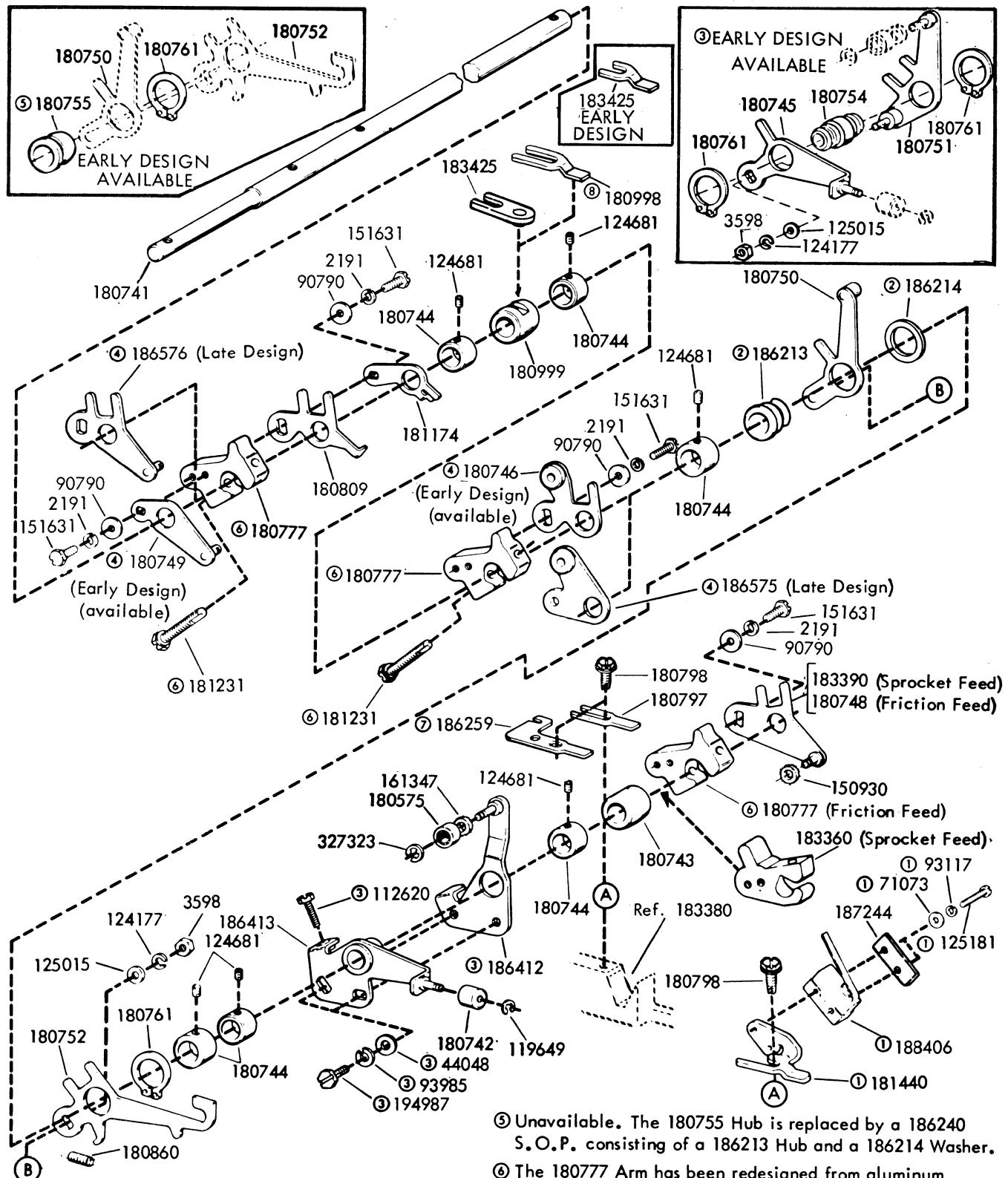


FIGURE 14. FUNCTION BOX MECHANISM



⑤ Unavailable. The 180755 Hub is replaced by a 186240 S.O.P. consisting of a 186213 Hub and a 186214 Washer.

⑥ The 180777 Arm has been redesigned from aluminum to steel and requires the new 1-1/16" long 181231 Screw. The old screw is 1" long.

⑦ Used with Late Design distributor trip linkage parts. See notes ③, ④ and ① in Figures 18, 19 and 37 respectively.

⑧ Replaced by Late Design 183425 Clamp

FIGURE 15. FUNCTION SHAFT MECHANISM

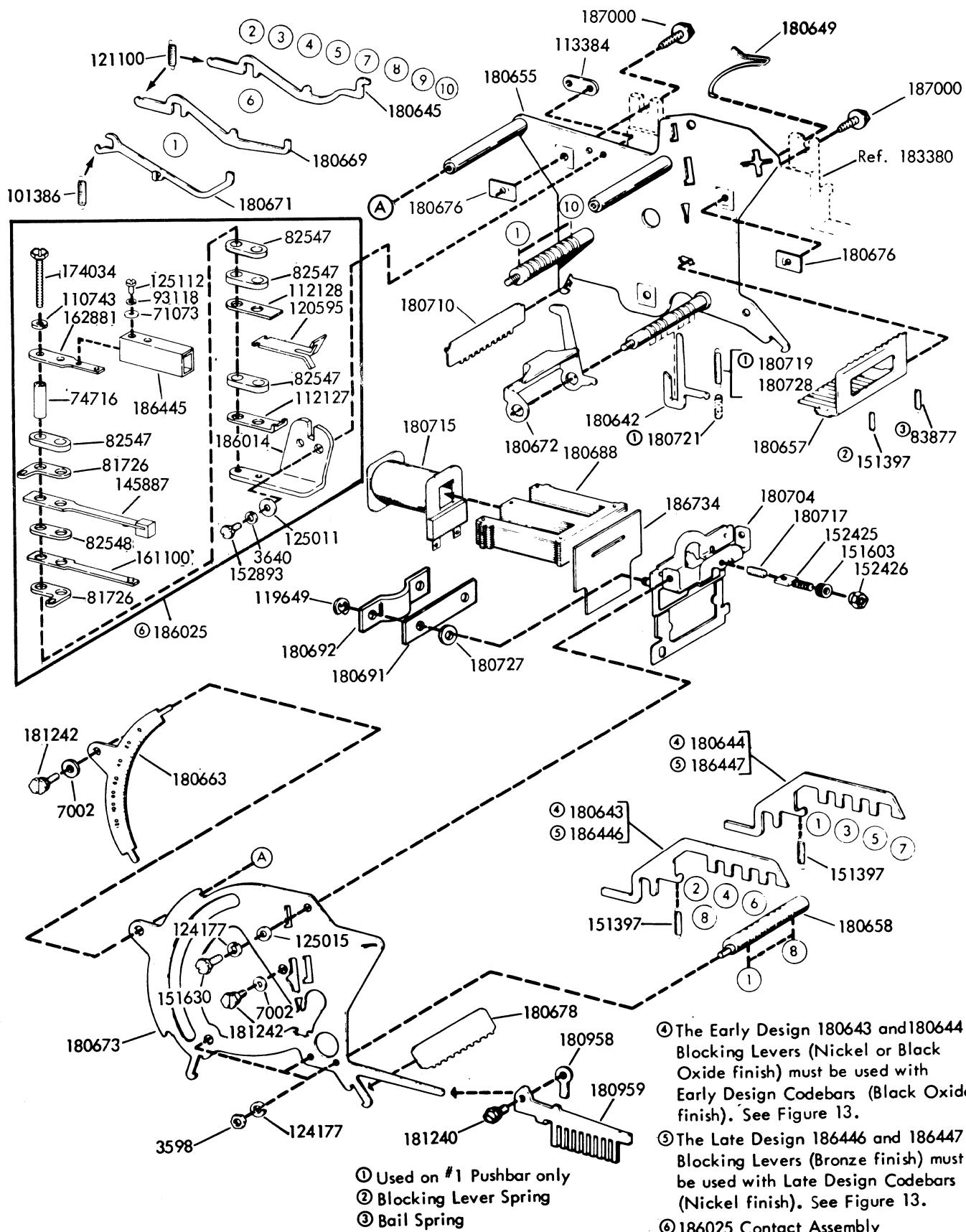
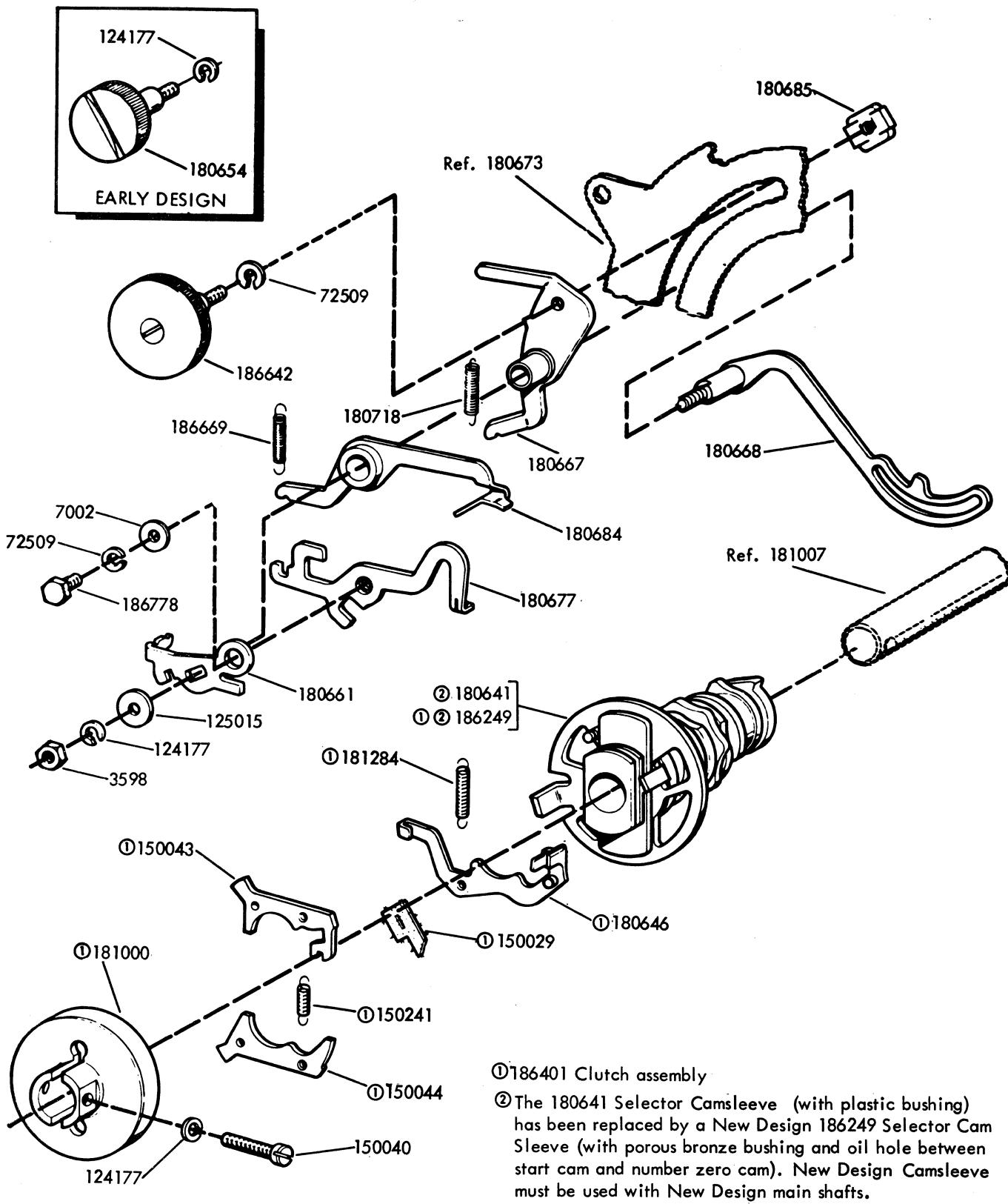


FIGURE 16. SELECTOR FRAME MECHANISM



①186401 Clutch assembly

②The 180641 Selector Camsleeve (with plastic bushing) has been replaced by a New Design 186249 Selector Cam Sleeve (with porous bronze bushing and oil hole between start cam and number zero cam). New Design Camsleeve must be used with New Design main shafts.
(See note ④ on pages 11 and 12)

FIGURE 17. CLUTCH AND CAMSLEEVE MECHANISM

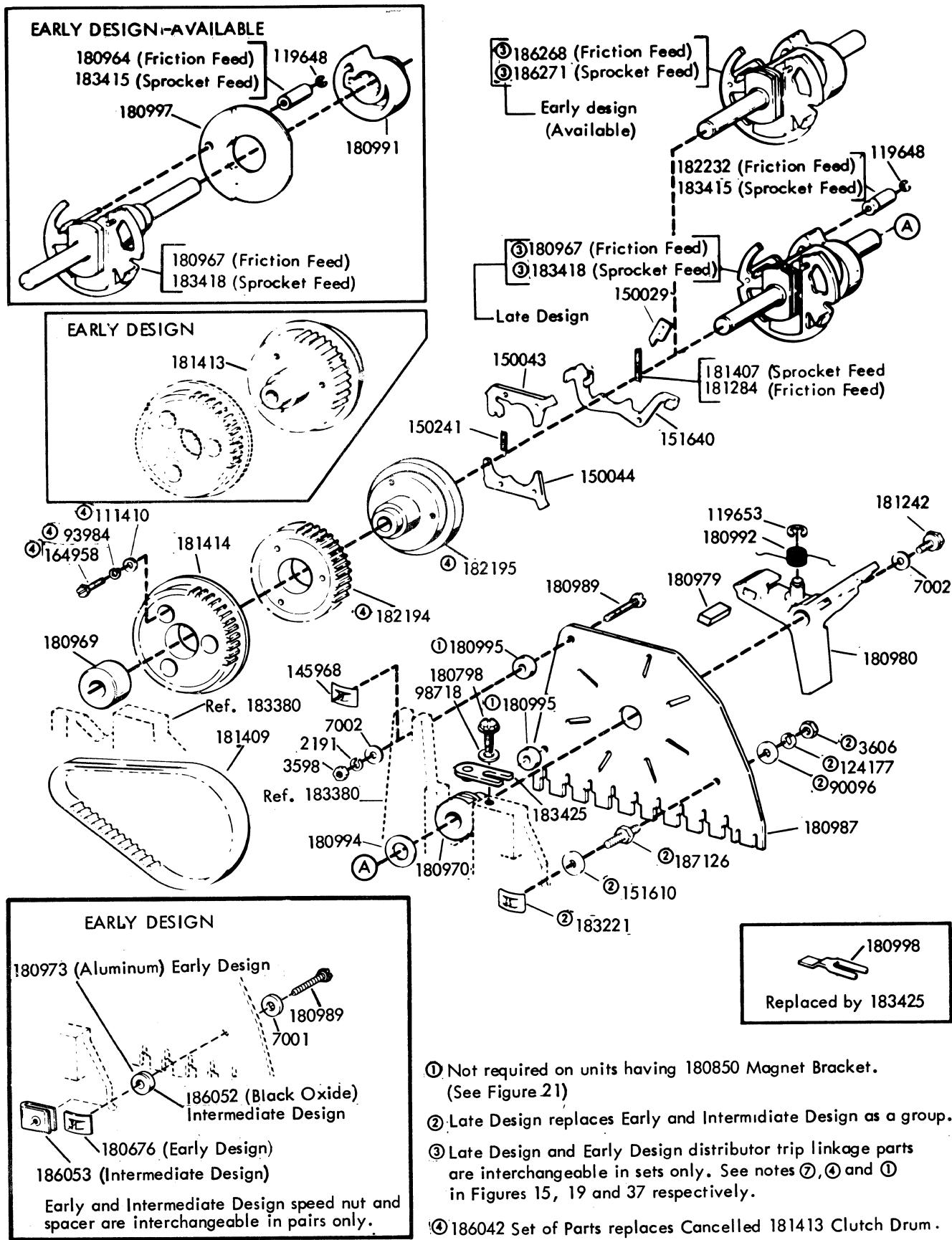
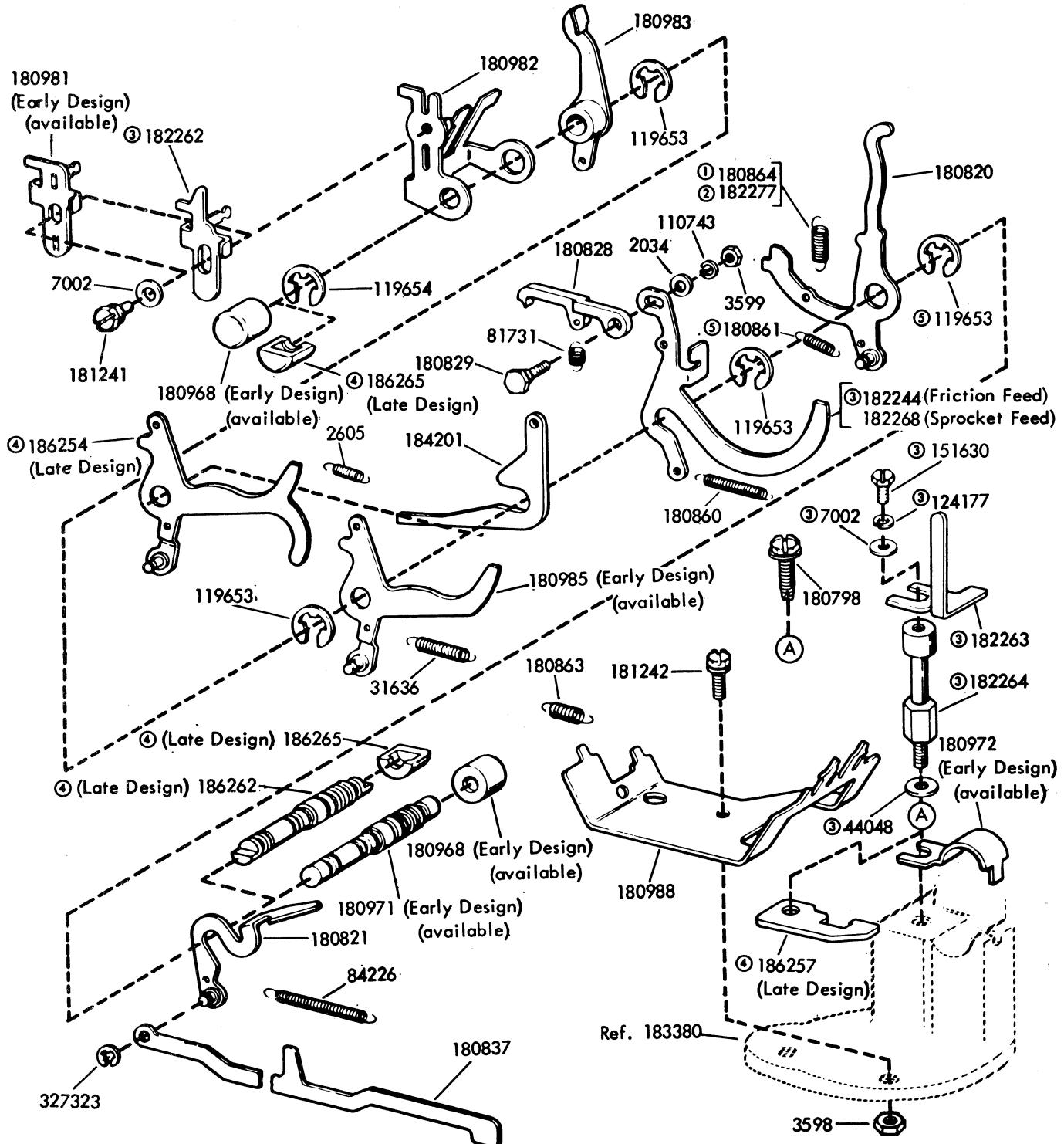


FIGURE 18. DISTRIBUTOR CLUTCH MECHANISM



① Used with units employing 180843 trip lever (Figure 23) ⑤ Omitted on units employing 182276 Answer

② Used with units employing 182276 trip lever (Figure 23) Back Trip Lever. (Figure 23).

③ 182269 Modification Kit to prevent double tripping of the Distributor Clutch by the
Keyboard, Reader and Answer-Back Mechanism. Also includes the 182239 Latch -
Lever and the 186253 Lever used on the Keyboard (Specification 50264S)

④ Early and Late Design distributor trip linkage parts are interchangeable in sets only.
See notes ⑦, ③ and ① in Figures 15, 18 and 37 respectively.

FIGURE 19. TRIP SHAFT MECHANISM

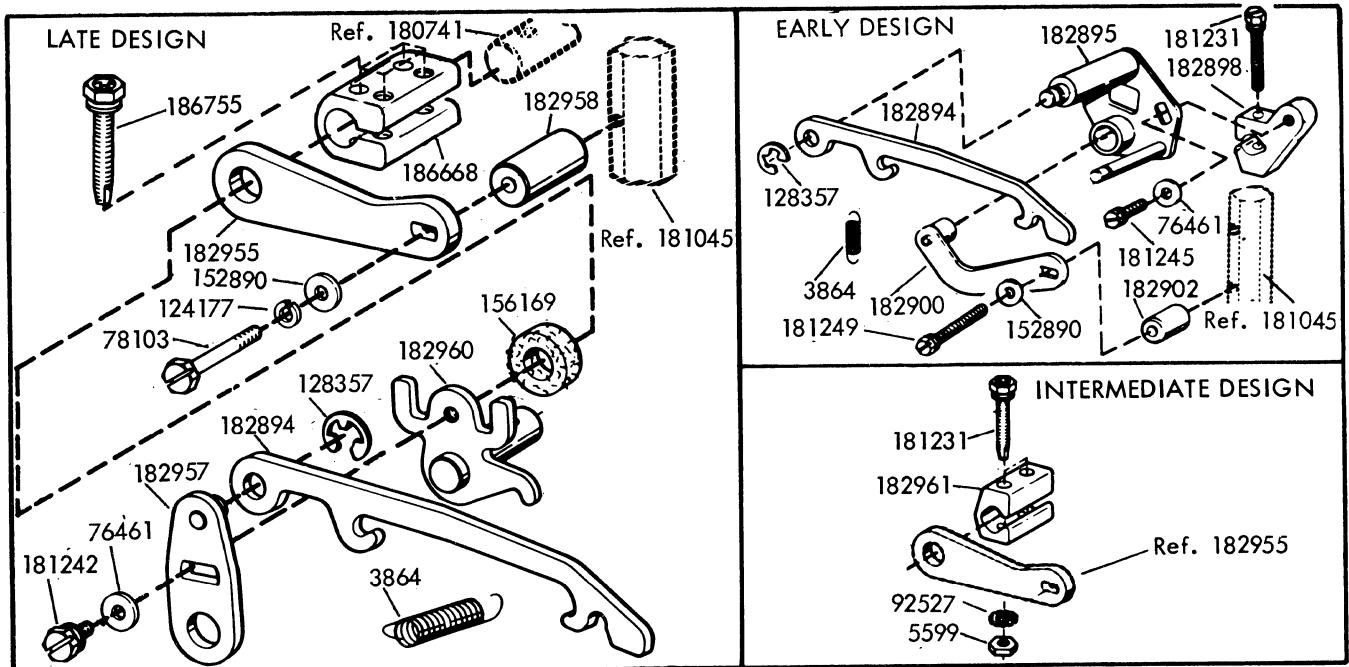


FIGURE 20. 182964 DRIVE ARM ASSEMBLY

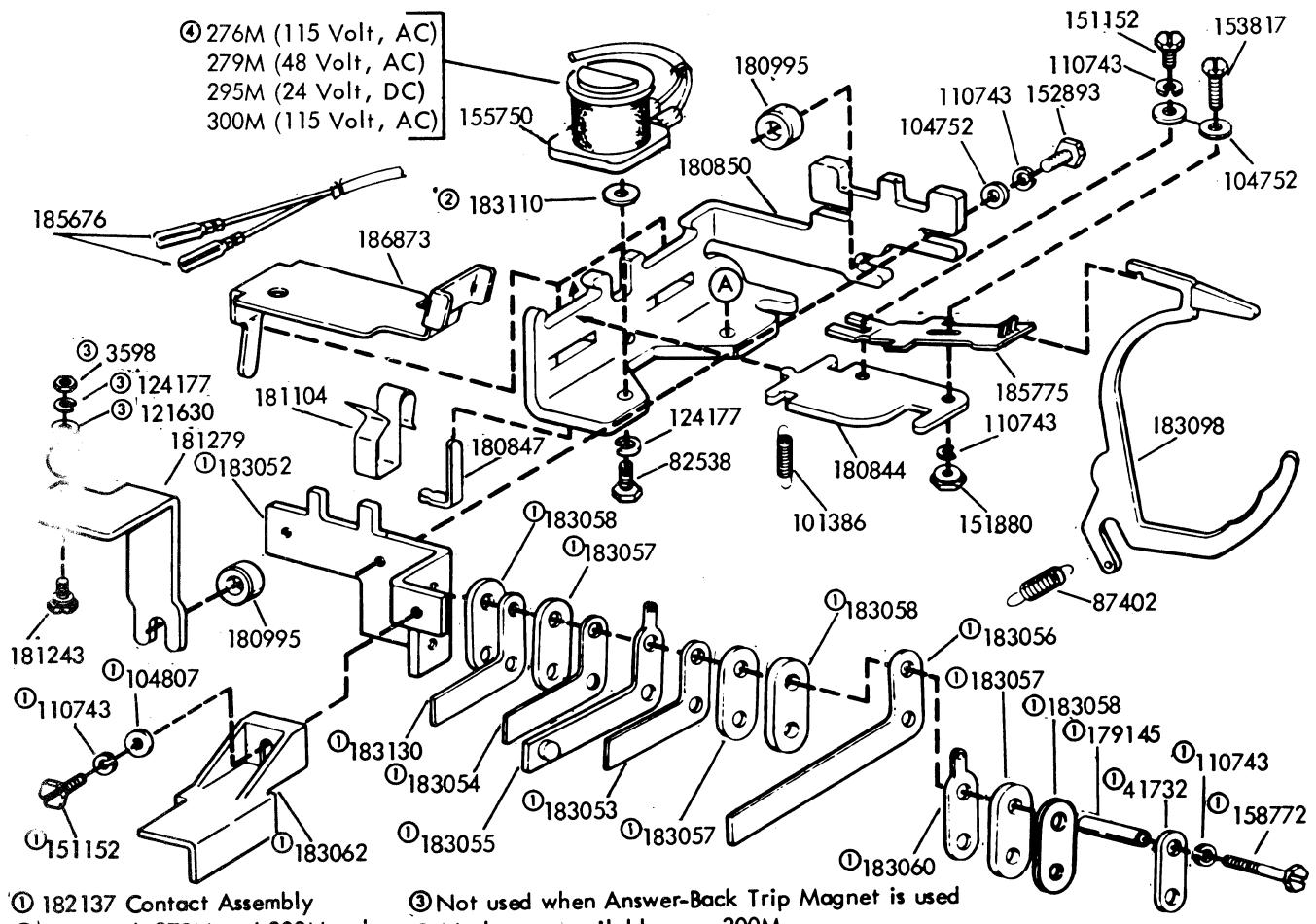


FIGURE 21. CLUTCH TRIP MECHANISM

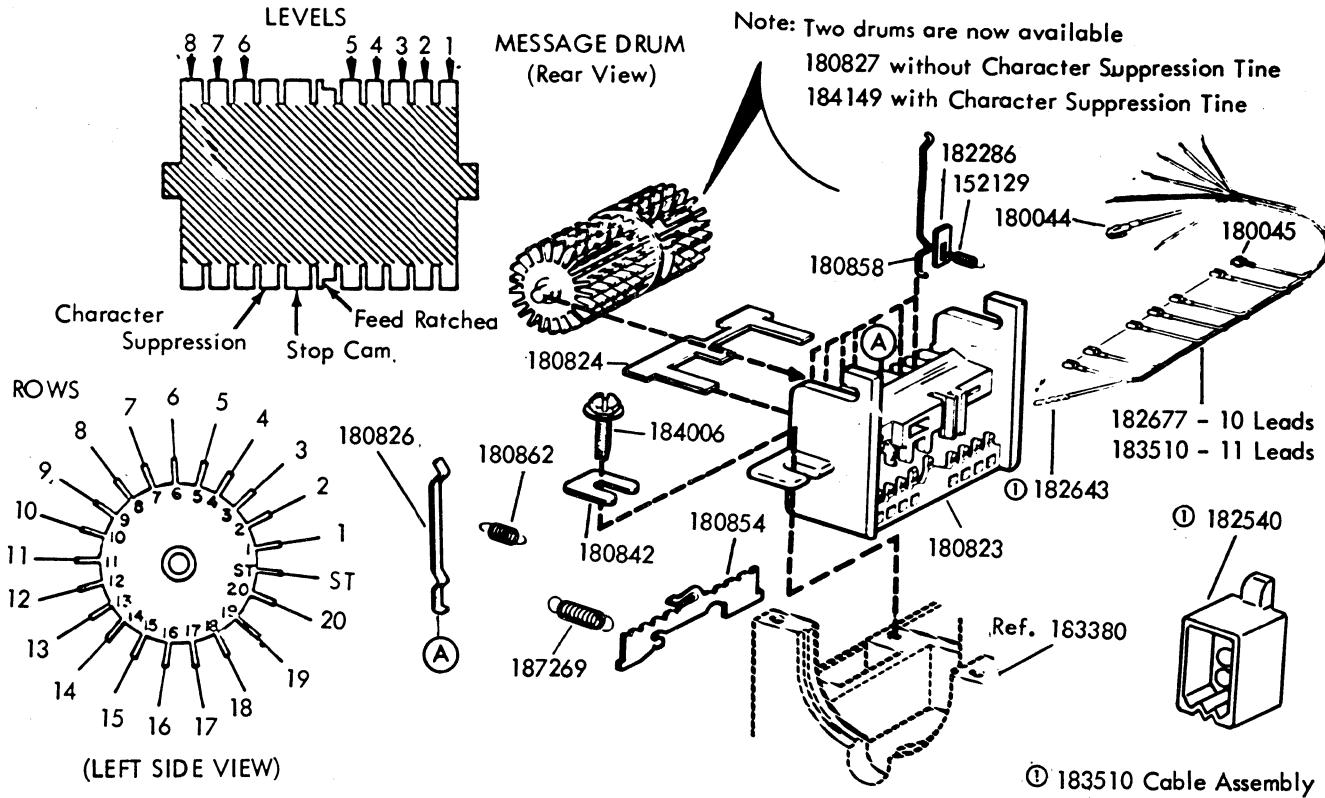


FIGURE 22. ANSWER - BACK DRUM MECHANISM

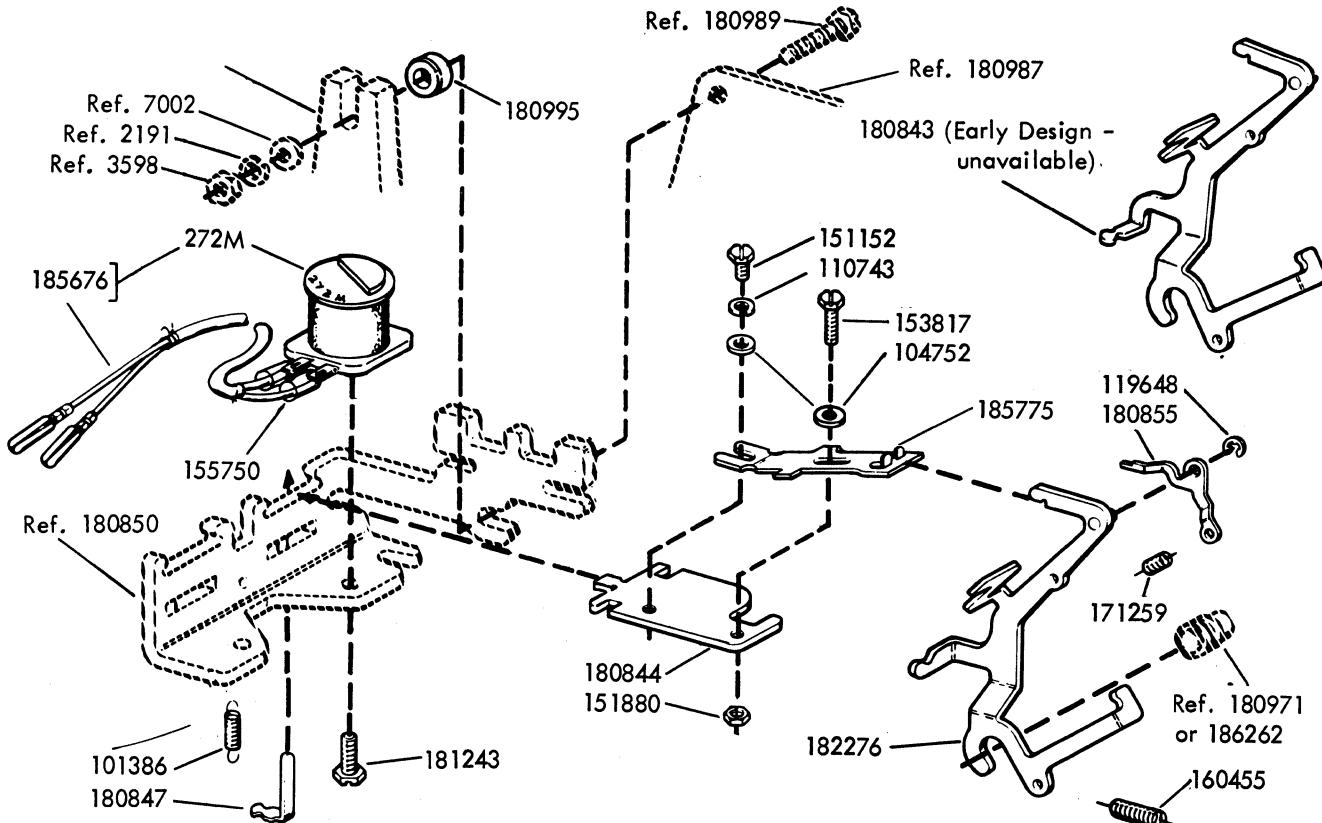
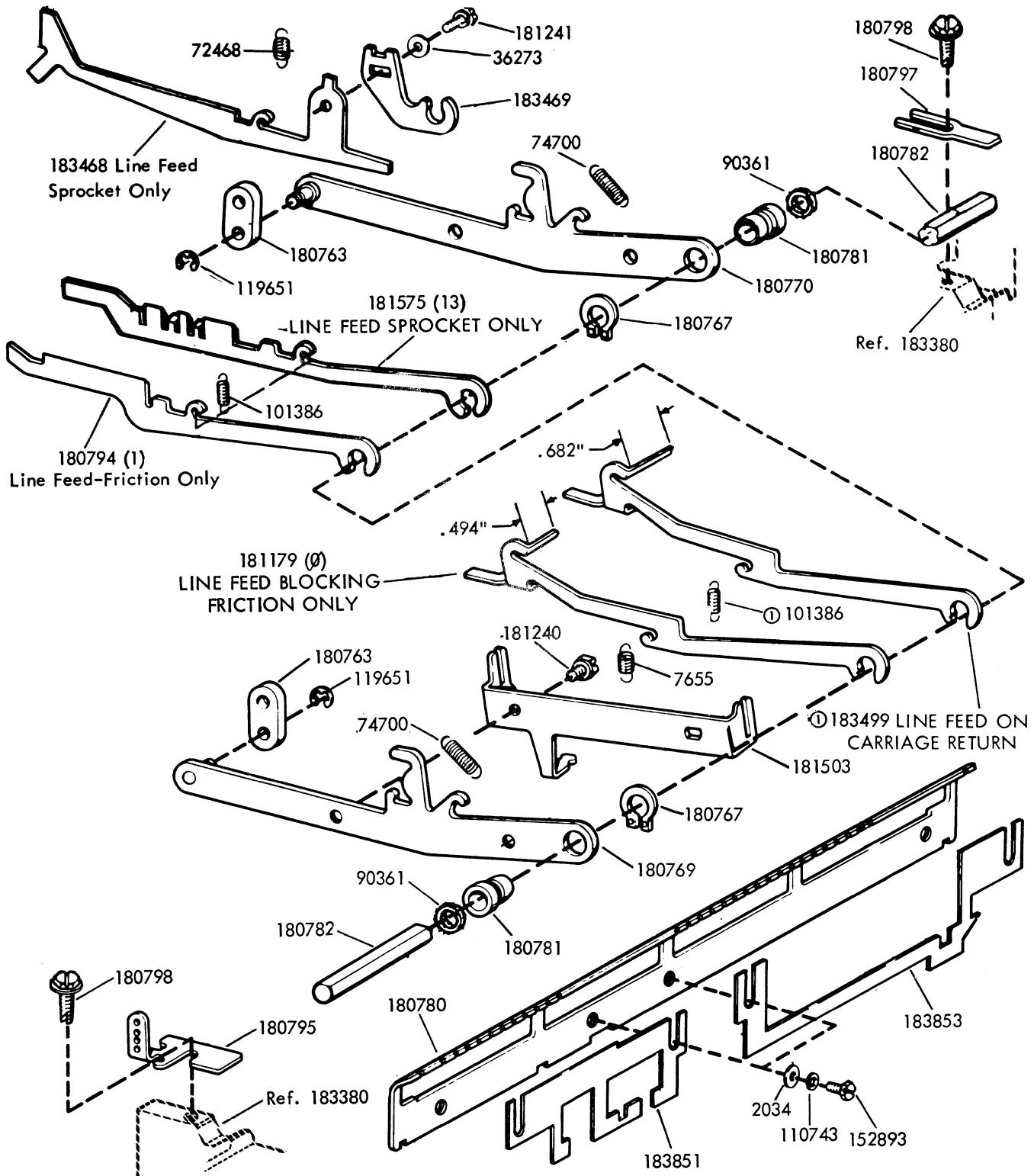


FIGURE 23. ANSWER - BACK TRIP MAGNET MECHANISM

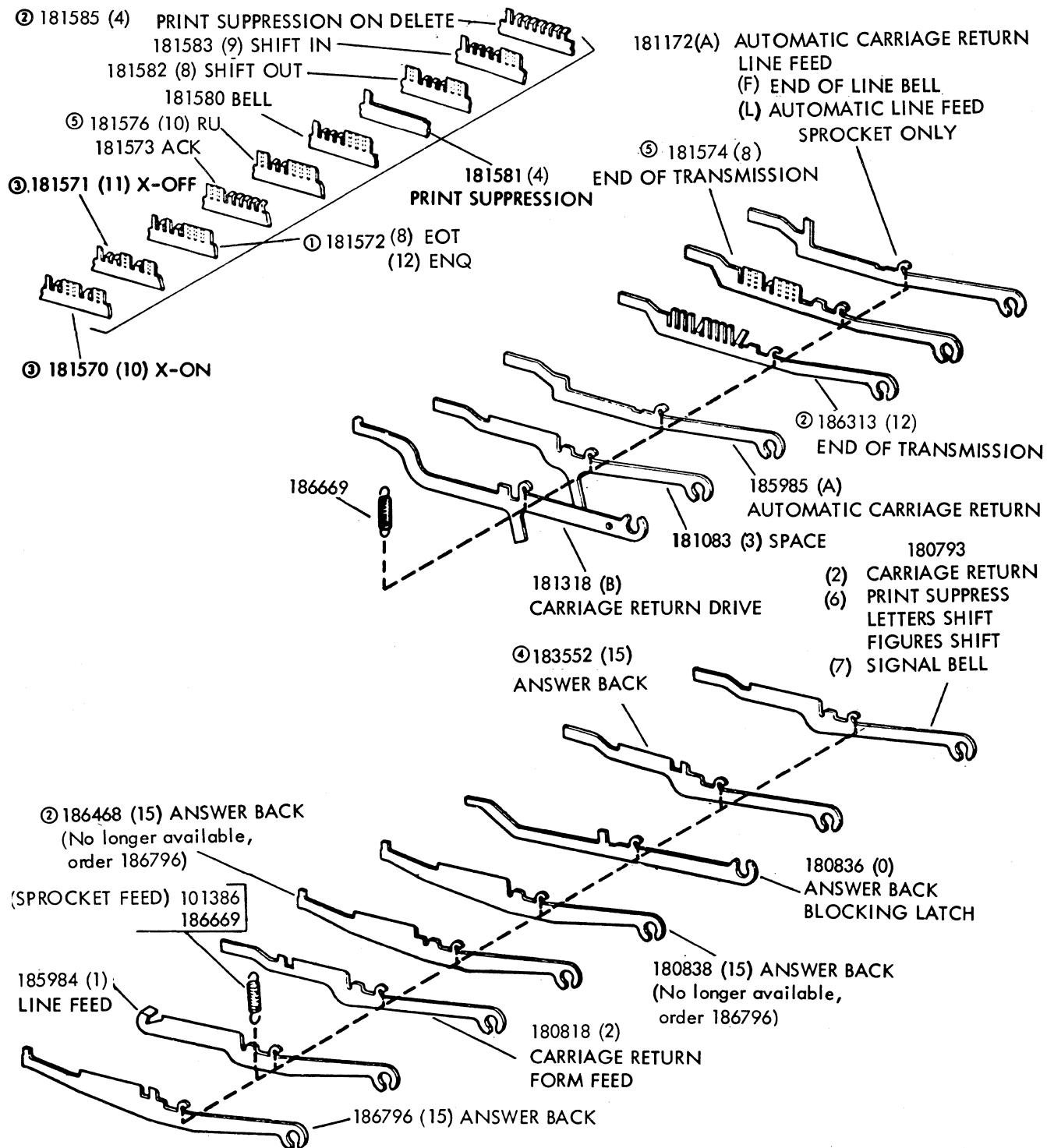


Specification 50413S

①184157 Modification Kit to provide automatic LF on CR
Number or letter in parenthesis (•) indicates slot Function Levers may occupy.

FIGURE 24. LINE FEED FUNCTION LEVER MECHANISM

SECTION 574-122-800TC



① Part of 182291 Modification Kit. See Figure 14.

② ASCII 1967 Code

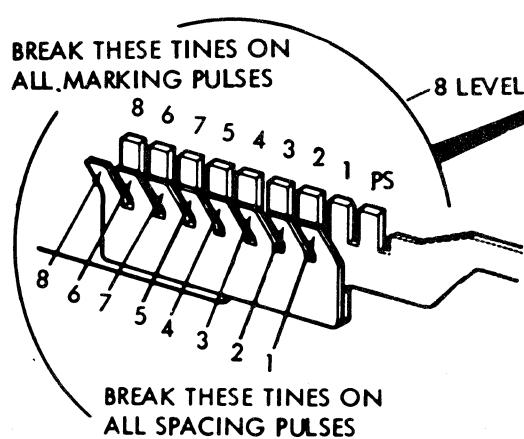
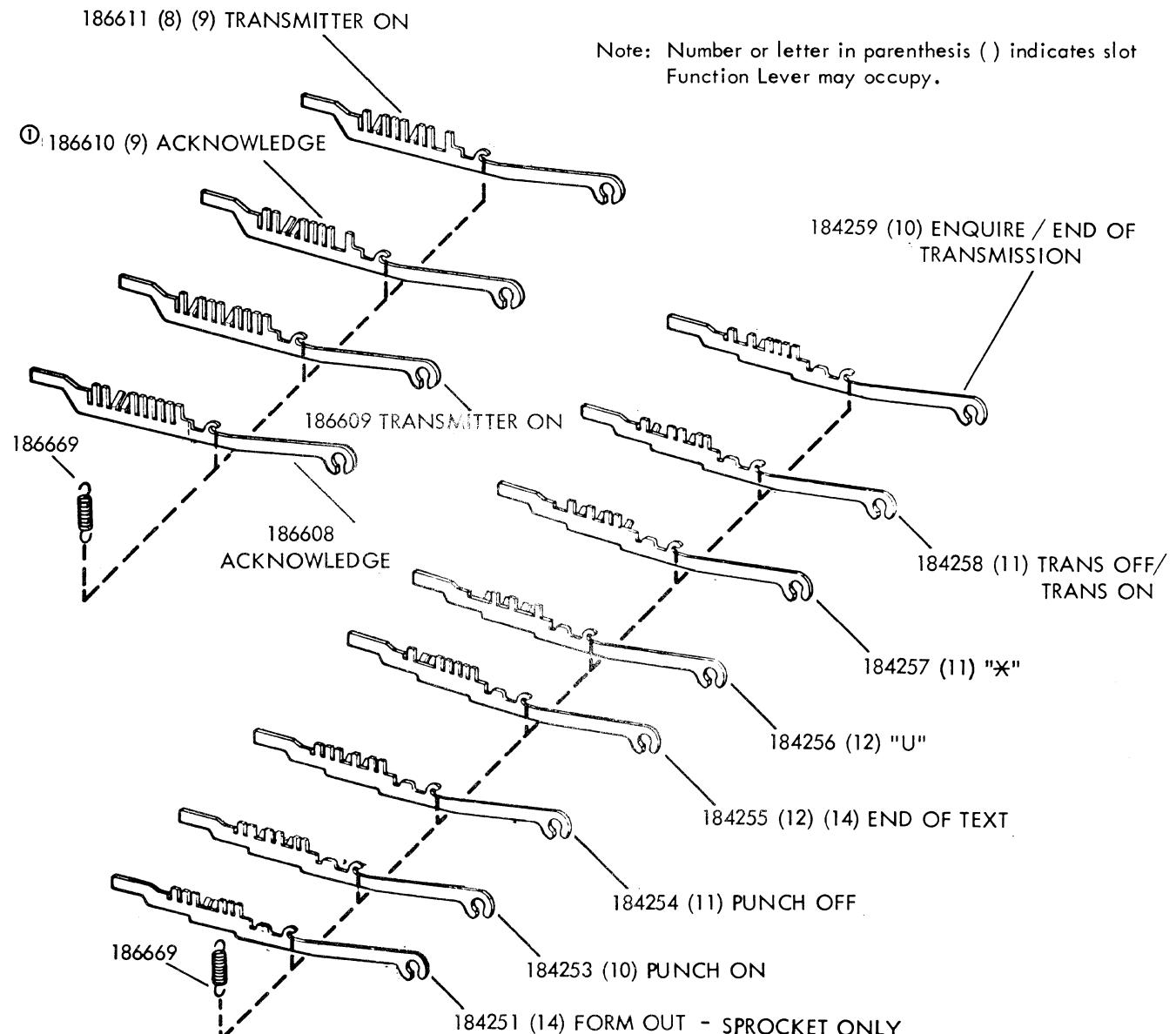
③ Peculiar to units equipped with automatic reader control

④ Peculiar to units having two-color printing

⑤ ASCII 1963 Code

NOTE: Number or letter in parenthesis () indicates slot Function Lever may occupy.

FIGURE 25. FUNCTION LEVERS



① ASCII 1967 Code

Coding a 180801 Uncoded Universal Function Lever, To perform a special function or contact closure, is to be done before installation of part. For 8 level usage starting at pivoted end, the tines are numbered 8,6,7,5,4,3,2,1 and PS, tines 6 and 7 are not in numerical order. Choose the code combination the lever is to respond to. Note marking pulses. Break off the straight tines whose number corresponds to the marking pulses. Break off the bent tines whose number corresponds to the spacing pulses.

PS-Refers to Print Suppression and is broken off when printing is desired.

On eight level codes, break both tines on position 8 unless respond to parity level (8th) is required.

② Part of 182290 Modification Kit (See Fig. 14)

FIGURE 26. FUNCTION LEVERS (Continued)

SECTION 574-122-800TC

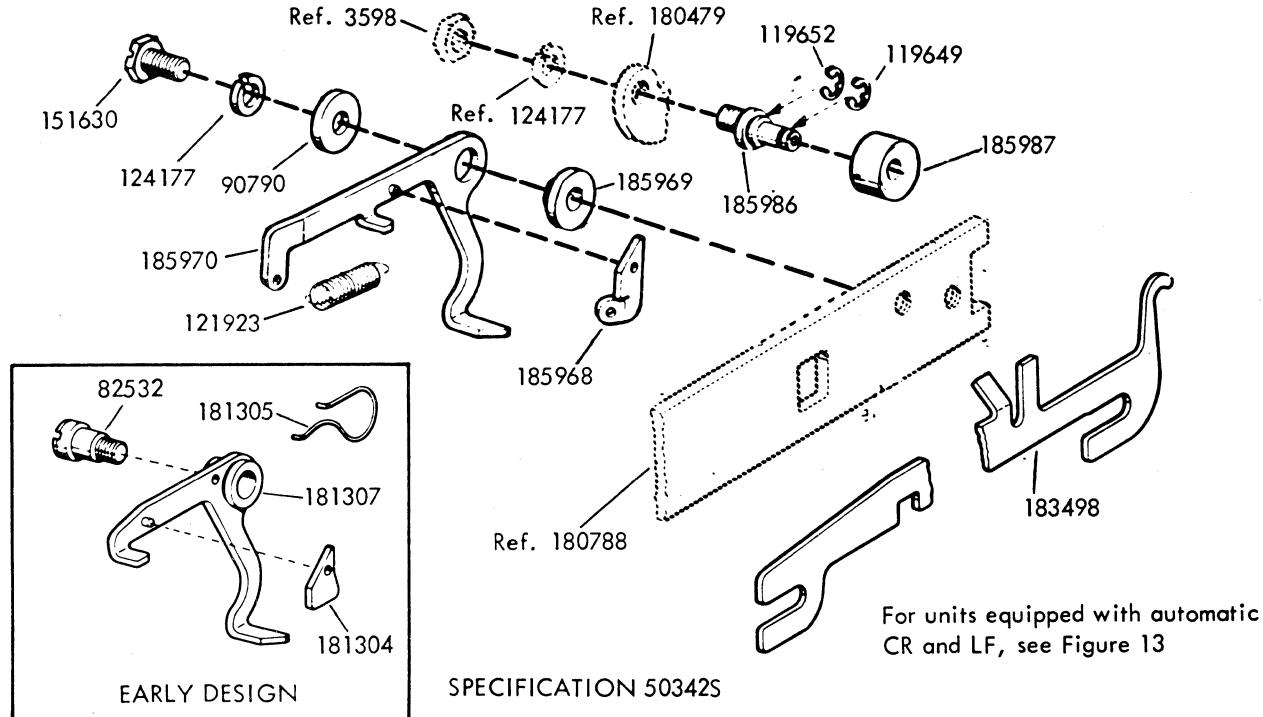


FIGURE 27. 185971 MODIFICATION KIT TO PROVIDE PRINTER WITH AN END-OF-LINE BELL TO RING ON APPROXIMATELY THE 62ND CHARACTER

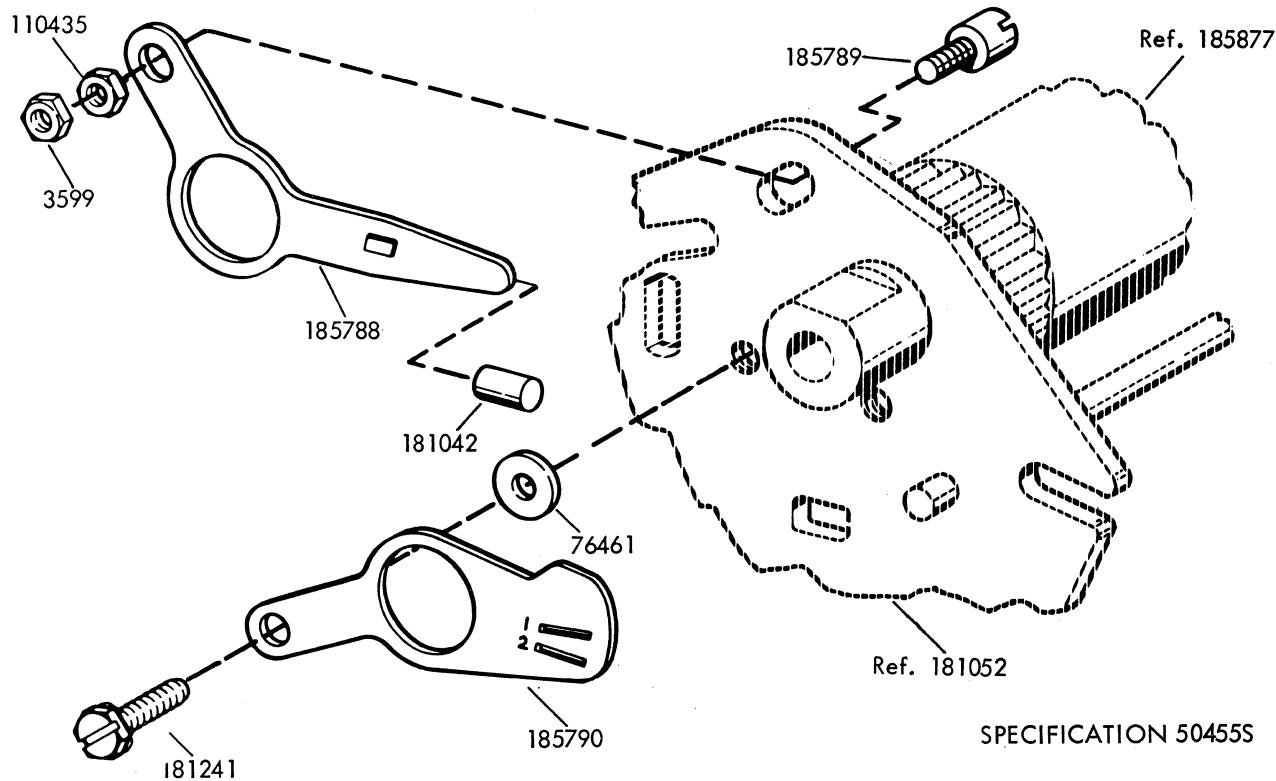


FIGURE 28. 185791 MODIFICATION KIT TO PROVIDE CONTROLLED SINGLE OR DOUBLE LINE FEED FEATURE ON FRICTION FEED PRINTER

TYPEWHEEL	PART NO.	POSITION	CHARACTER																																					
			A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	1	2	3	4	5	6	7	8	9	0		
MA	180398	UNSHIFT SHIFT	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~					
MB	182280	UNSHIFT SHIFT	1	2	4	7	8																																	
MC	182293	UNSHIFT SHIFT	1	2	3	4	5	6	7	8	9	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~				
MD	183588	UNSHIFT SHIFT	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~				
ME	183599	UNSHIFT SHIFT	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~			
MF	183922	UNSHIFT SHIFT	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~		
MG	184685	UNSHIFT SHIFT	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	
MH	184686	UNSHIFT SHIFT	1	2	3	4	5	6	7	8	9	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
MJ	184688	UNSHIFT SHIFT	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
MK	184689	UNSHIFT SHIFT	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
ML	184690	UNSHIFT SHIFT	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
MN	184691	UNSHIFT SHIFT	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
MP	184693	UNSHIFT SHIFT	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
MR	184695	UNSHIFT SHIFT	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
MS	184950	UNSHIFT SHIFT	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
MT	184694	UNSHIFT SHIFT	1	2	3	4	5	6	7	8	9	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
MU	184692	UNSHIFT SHIFT	1	2	3	4	5	6	7	8	9	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
MV	184696	UNSHIFT SHIFT	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
MW	184697	UNSHIFT SHIFT	1	2	3	4	5	6	7	8	9	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
MY	184698	UNSHIFT SHIFT	1	2	3	4	5	6	7	8	9	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
MZ	184691	UNSHIFT SHIFT	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~

FIGURE 29. TYPEWHEEL CHART

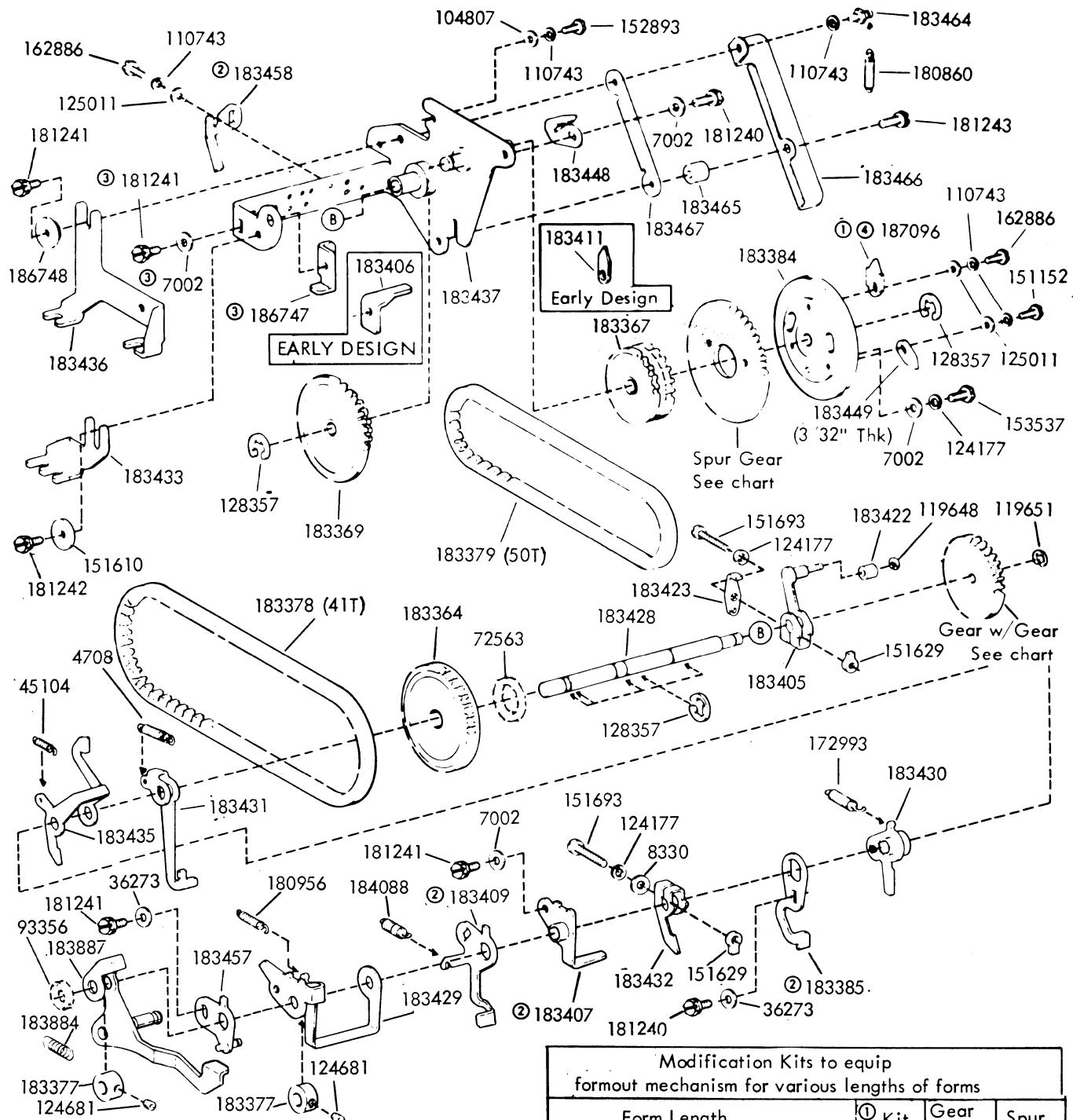
FIGURE 30. TYPEWHEEL CHART (Continued)

TYPEWHEEL PART NO.	POSITION	CHARACTER																																													
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	*	/	<	>	=															
PB	184974	UNSHIFT																															PB														
		SHIFT																																													
PC	184975	UNSHIFT	1	2	3	4	5	6	7	8	9	()	-																																	
		SHIFT																																													
PD	184976	UNSHIFT																																													
		SHIFT																																													
PE	184977	UNSHIFT	1	2	3	4	5	6	7	8	9	“	”	‘	’	‘	’	‘	’	‘	’	‘	’	‘	’	‘	’	‘	’	‘	’	‘	’														
		SHIFT																																													
PF	184978	UNSHIFT	J	K	3	W	5	6	P	Q	9	PF	S]	;	V	X	T	D	V	W	G	H	Z	*	/	S	C	U	E	F	X	Y	I	+	△	>	:	•	?	-						
		SHIFT																																													
PG	184979	UNSHIFT	K	L	M	N	O	P	Q	R	“	J	S	?	-	+	A	B	C	D	E	F	G	H	-	6	S	T	U	V	W	X	Y	Z	0	/	△	*	•	;	;	;					
		SHIFT																																													
PH	184980	UNSHIFT																																													
PJ	184981	UNSHIFT																																													
PL	184982	UNSHIFT																																													
PM	184983	UNSHIFT																																													
PN	184984	UNSHIFT																																													
PR	184985	SHIFT																																													
PS	186070	SHIFT																																													
PT	184986	UNSHIFT																																													
PW	184987	SHIFT																																													
PX	184988	SHIFT																																													
PY	184989	SHIFT																																													
PZ	184990	UNSHIFT																																													
RA	184991	SHIFT																																													

FIGURE 31. TYPEWHEEL CHART (Continued)

Notes : Only deviations from the basic typewheel "MA" are shown. A blank space indicates that the character for that position is identical to the basic typewheel.
Solid square (■) indicates printing is suppressed in this position.

FIGURE 32. TYPEWHEEL CHART (Continued)



① The required number of 183411 Early Design and 187096 Late Design Cam Plates and mounting hardware are furnished with each kit Specification 50410S

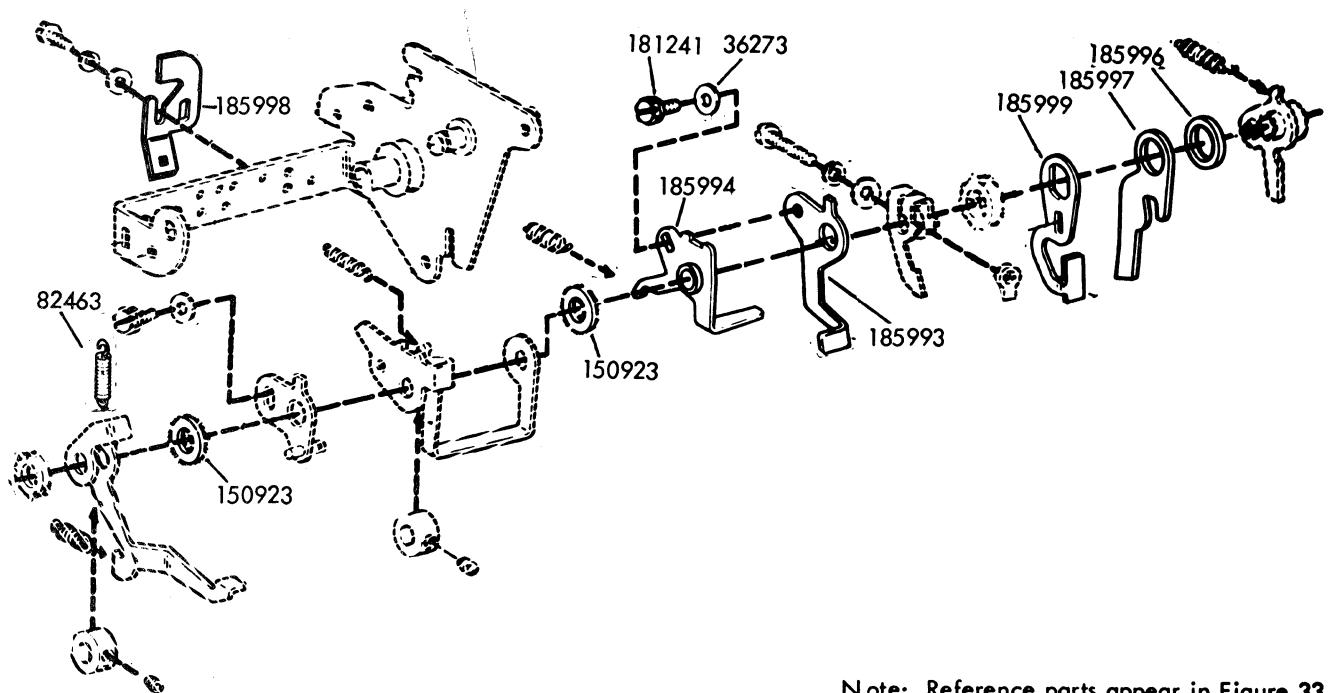
② Early design parts. See Figure 34 for Late Design.

③ Downstop bracket, flat washer and mounting screw sealed in place at Factory. Not for field installation.

④ Refer to Note ④ Figure 3.

Modification Kits to equip formout mechanism for various lengths of forms				
Form Length in Inches		① Kit No	Gear w/ Gear	Spur Gear
11	5-1/2	183877	183391	183398
9	4-1/2	183878	183392	183399
.7	3-1/2	183879	183393	183400
8	4	183880	183394	183401
8 1/2		183881	183395	183402
10	5	183882	183396	183403
6		183883	183397	183404

FIGURE 33. FORM OUT MECHANISM - SPROCKET FEED



Note: Reference parts appear in Figure 33

FIGURE 34. LATER DESIGN FORM-OUT MECHANISM - SPROCKET FEED

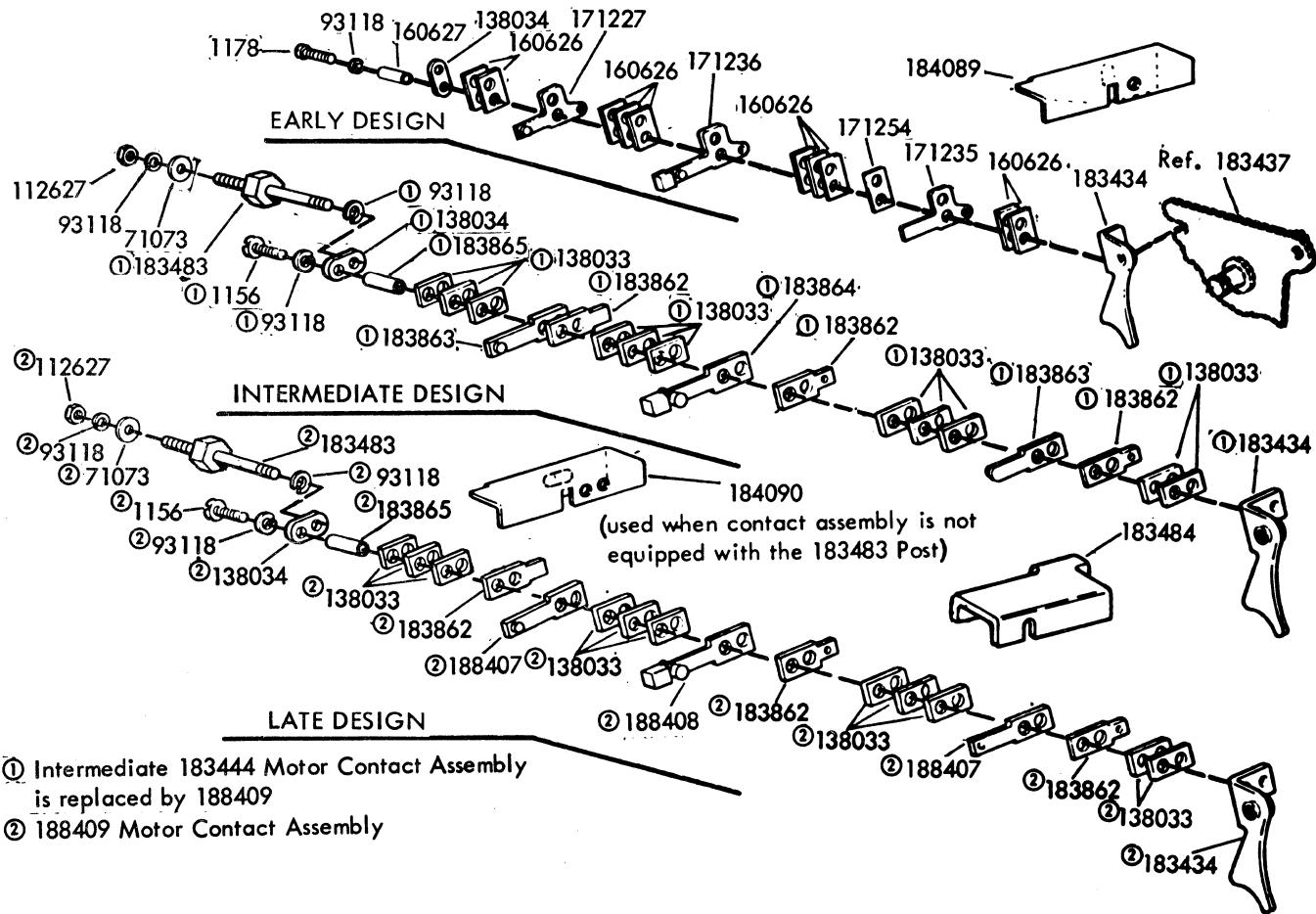


FIGURE 35. FORM-OUT CONTACT - SPROCKET FEED

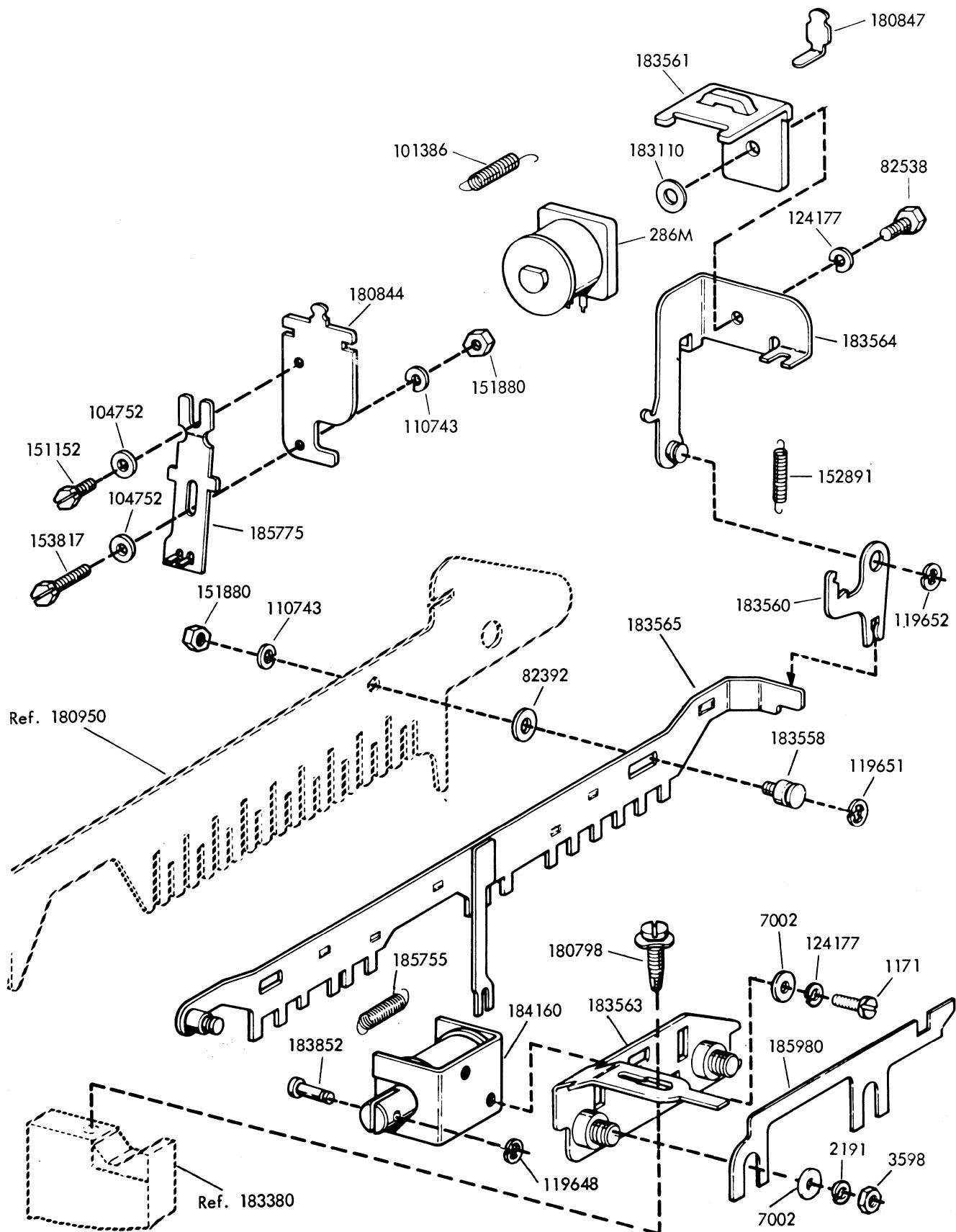
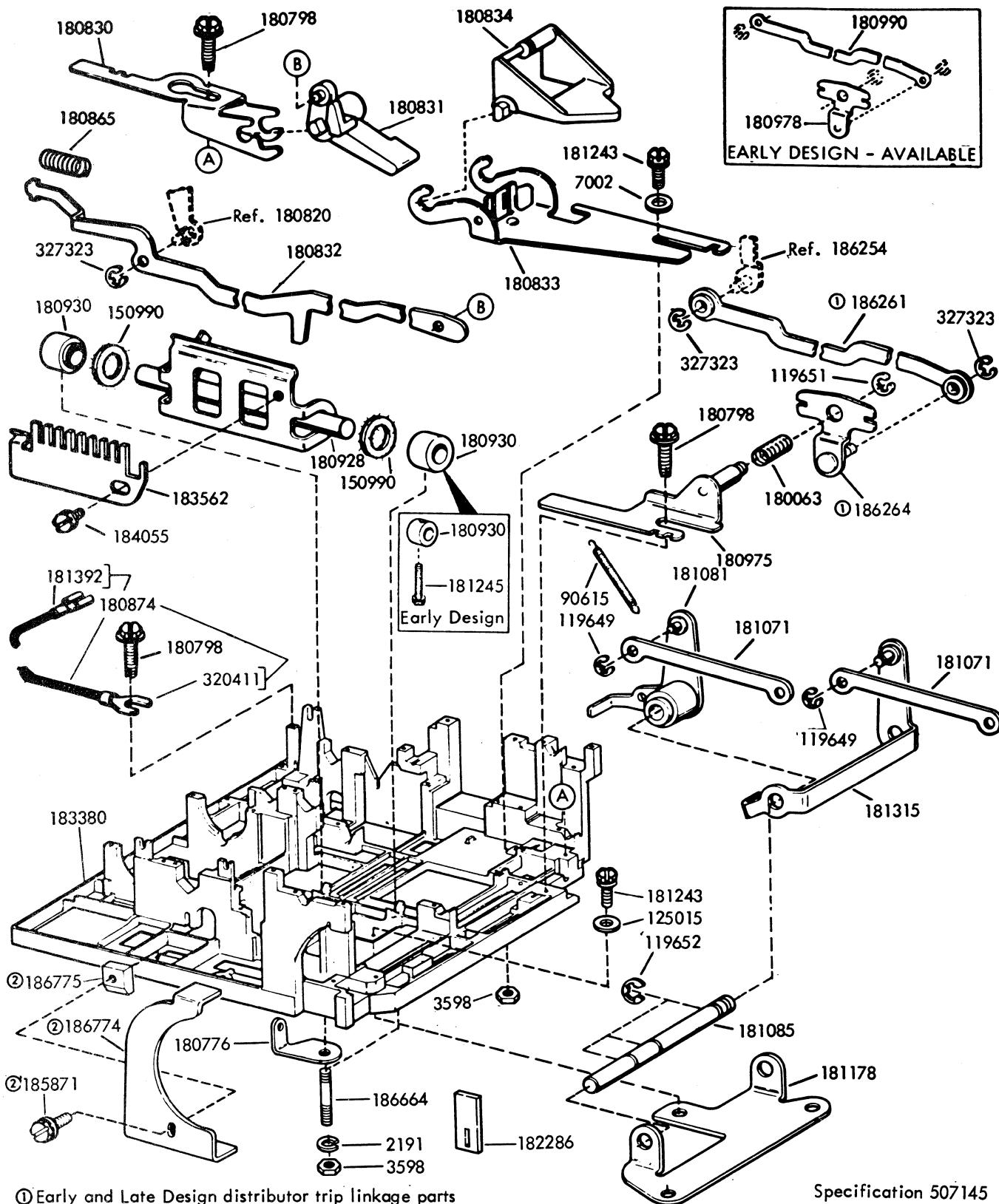


FIGURE 36. SOLENOID PRINT - NONPRINT RESET MECHANISMS

SECTION 574-122-800TC



① Early and Late Design distributor trip linkage parts are interchangeable in sets only. See note ②, ③ and ④ in Figures 15, 18 and 19 respectively.

Specification 507145
② 186776 Modification Kit to provide a Handle.

FIGURE 37. BASE

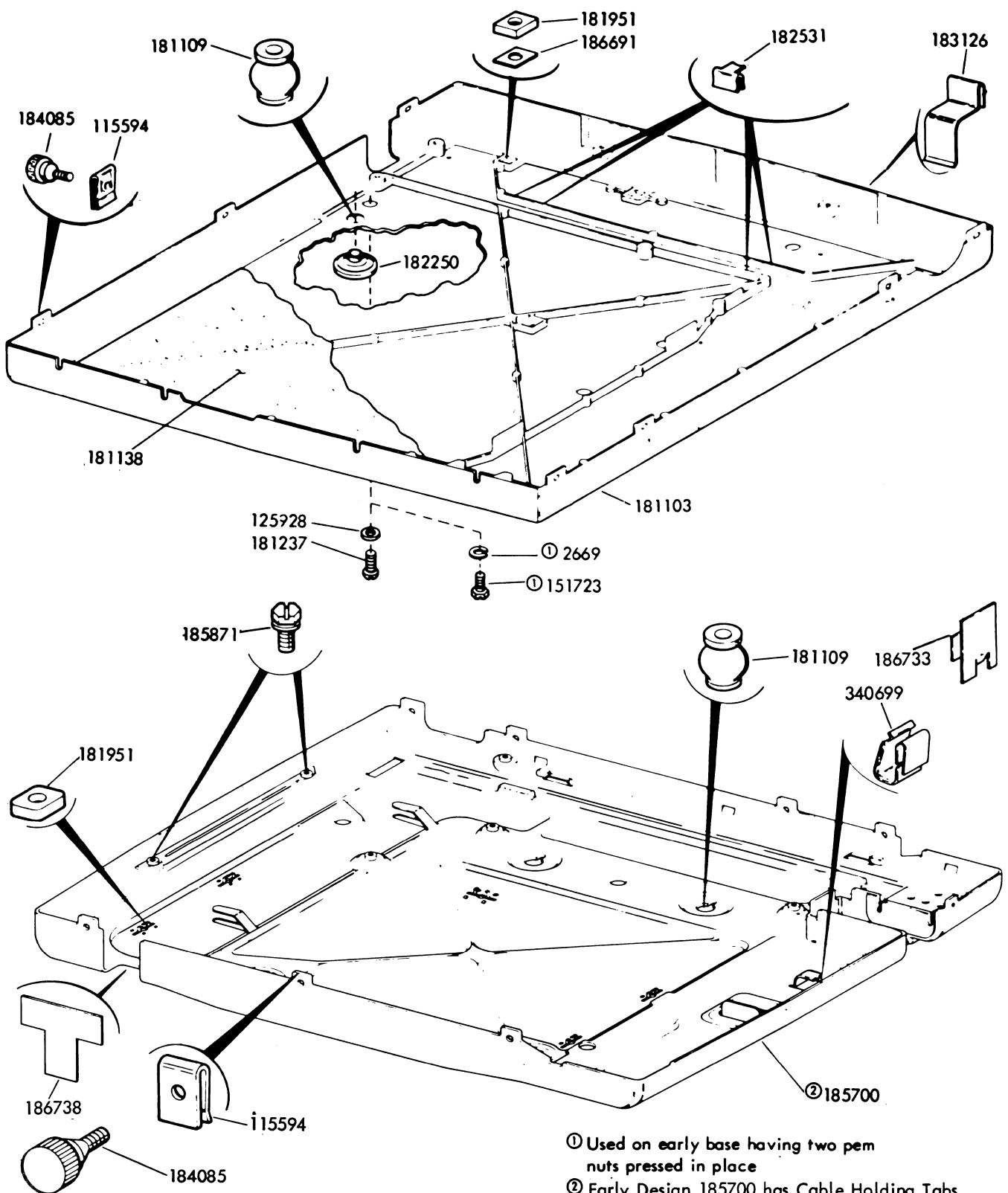
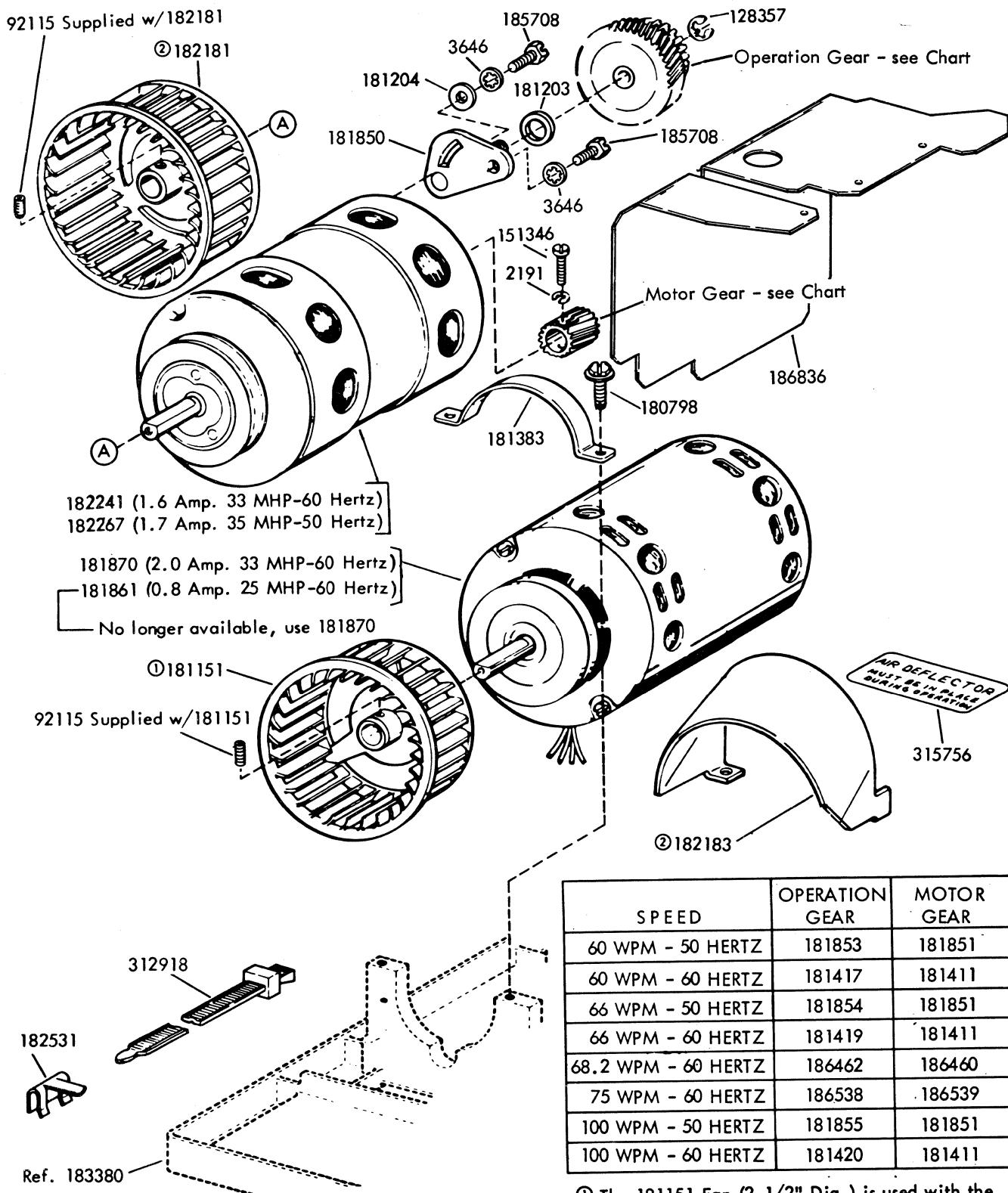


FIGURE 38. SUB BASES

SECTION 574-122-800TC



① The 181151 Fan (2-1/2" Dia.) is used with the 181870 and 182241 Motors.

② The 182181 Fan (3" Dia.), and the 182183 Air Deflector are used with the 182267 Motor.

FIGURE 39. MOTORS

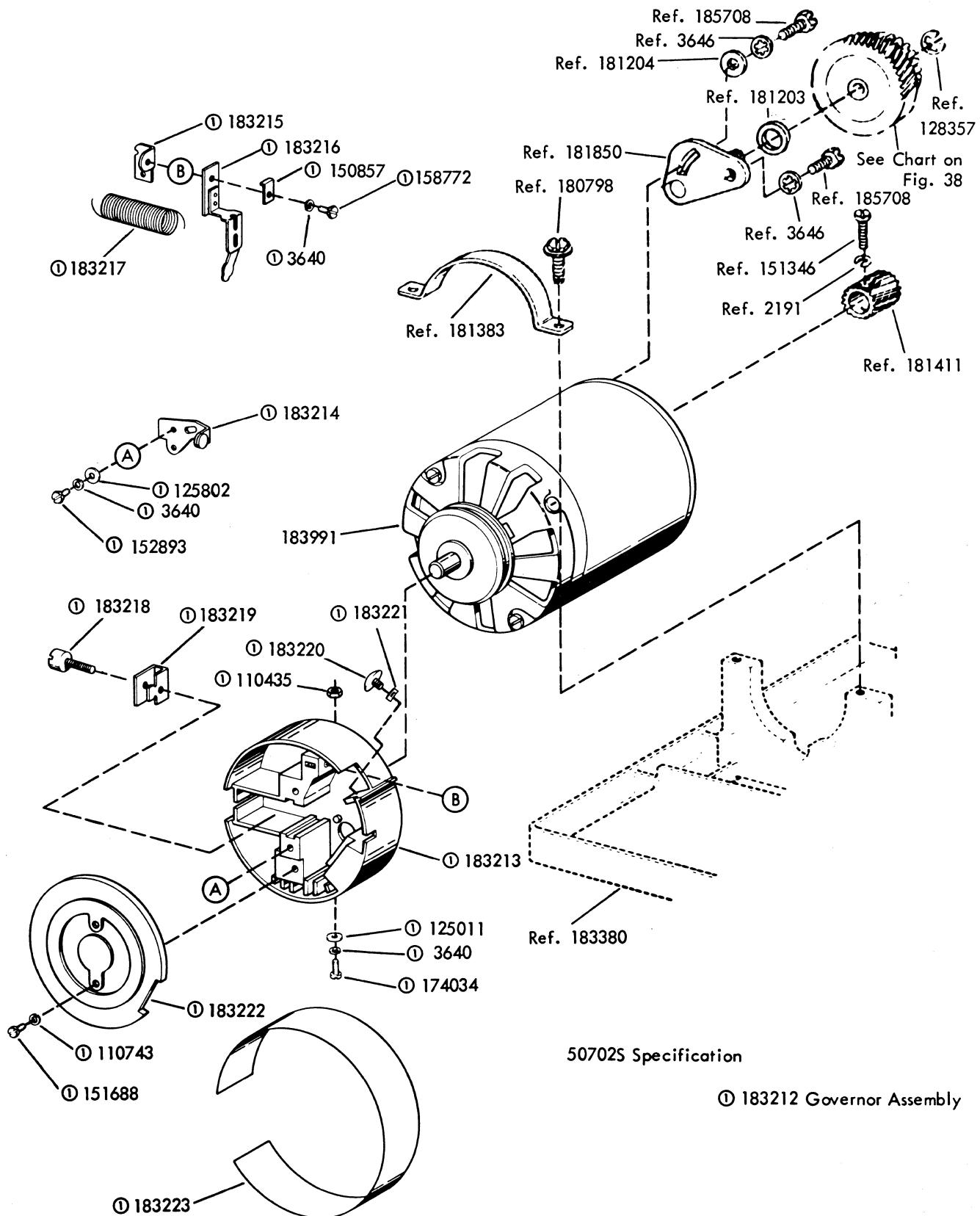


FIGURE 40. 333521 MOTOR ASSEMBLY

SECTION 574-122-800TC

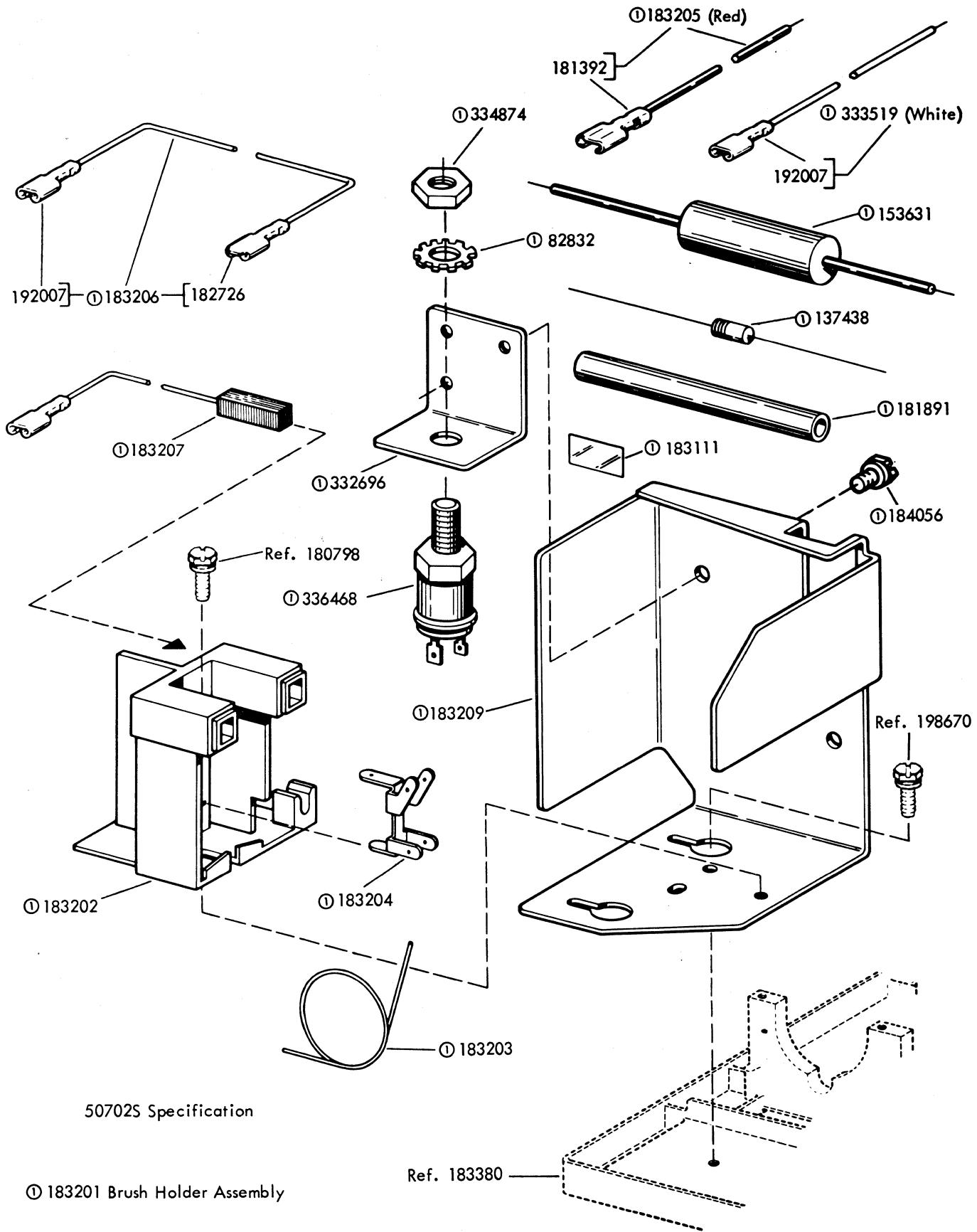


FIGURE 41. 333521 MOTOR ASSEMBLY (Continued)

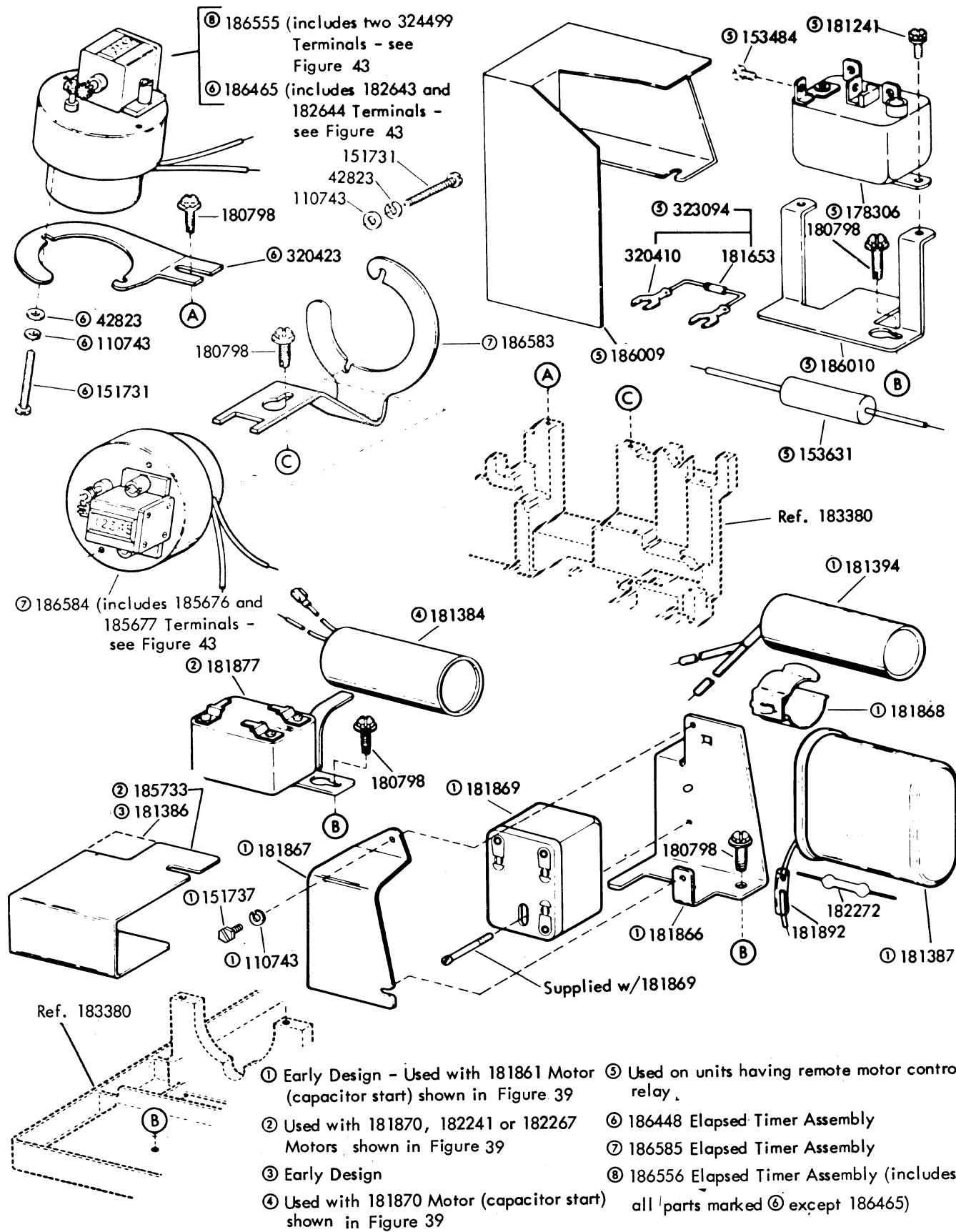


FIGURE 42. ELECTRICAL COMPONENTS

SECTION 574-122-800TC

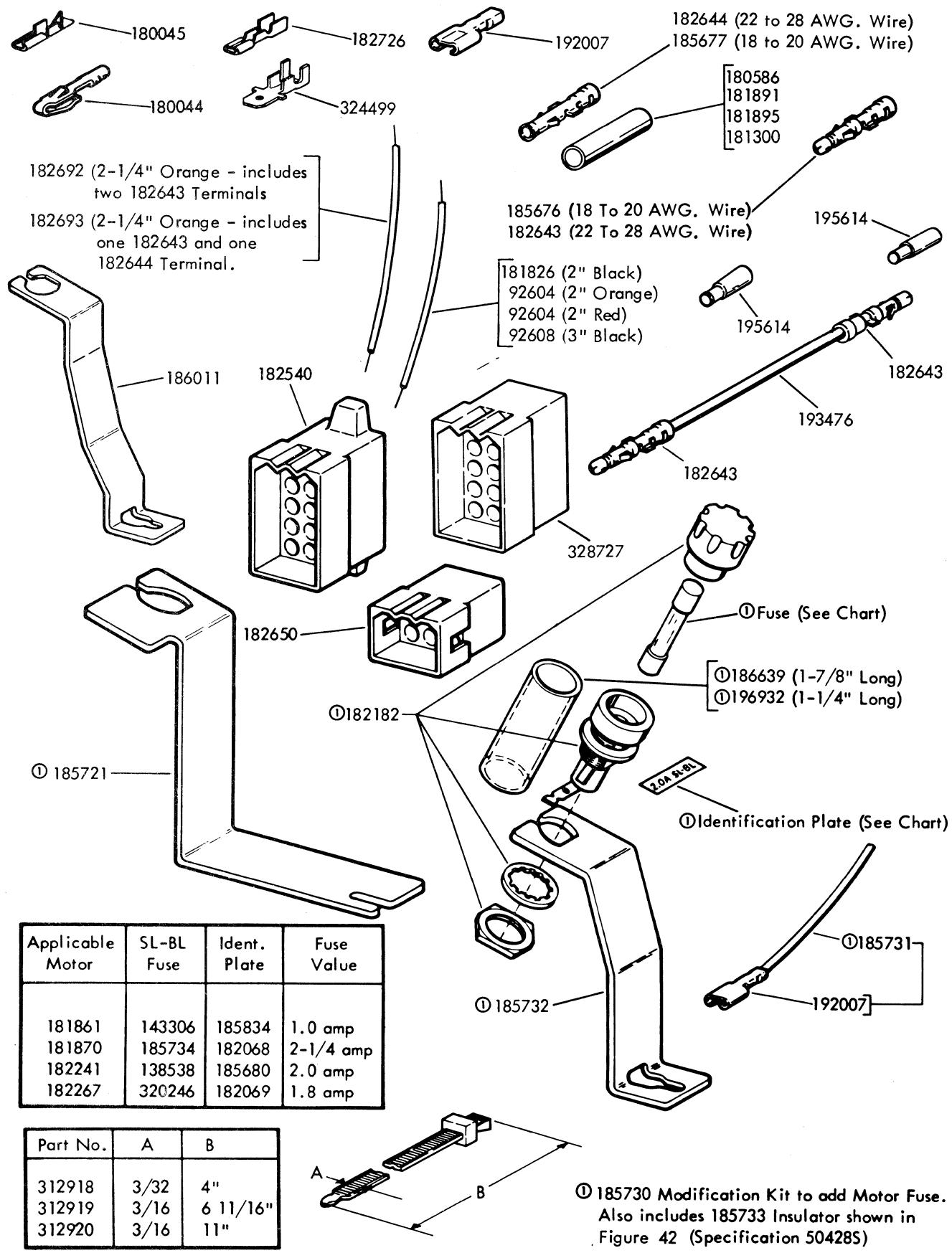


FIGURE 43. CABLE COMPONENTS

NUMERICAL INDEX

Part Number	Description and Page Number	Part Number	Description and Page Number	Part Number	Description and Page Number
272M	Coil, Magnet 22	70388	Spring 10	93985	Lockwasher 2,3,5,16
276M	Coil, Magnet 21	71073	Washer, Flat 5,16,17,32	98718	Washer, Flat 19
279M	Coil, Magnet 21	71681	Spool, Ribbon 6	100759	Screw, 4-40 x 3/16 Flat
286M	Coil, Magnet 33	72468	Spring 23	11	
295M	Coil, Magnet 21	72509	Lockwasher 18	101386	Spring 4,17,21,22,23,24,
300M	Coil, Magnet 21	72563	Washer, Felt 31	33	
1036	Nut, 6-40 Hex 2	74547	Collar 13	104752	Washer, Flat 21,22,33
1156	Screw, 2-56 x 9/16 Fil 32	74700	Spring 3,23	104807	Washer, Flat 7,21,31
1164	Screw, 2-56 x 3/16 Fil 5	74701	Spring 10,12	107116	Lockwasher 6
1171	Screw, 6-32 x 3/16 Fil 32,33	74716	Bushing, Insulating 17	110435	Nut, 4-40 Hex 2,26,37
1178	Screw, 2-56 x 7/16 Fil 32	74722	Washer, Flat 4	110743	Lockwasher 4,6,7,9,10,14,
1210	Screw, 2-56 x 5/8 Fil 5	76422	Spring 13	15,17,20,21,22,23,31,	
2034	Washer, Flat 6,10,20,23	76461	Washer, Flat 2,21,26	33,37,39	
2167	Ball, Bearing 9	78103	Screw, 6-40 x 1-3/16 Hex	111410	Washer, Flat 9,19
2191	Lockwasher 2,4,5,7,9 to 12		21	111640	Screw, 2-56 x 7/32 Fil 3
	16,19,22,33,34,36,37	80273	Washer, Felt 12	112127	Hinge 17
2605	Spring 20	80758	Spring 3	112128	Retainer 17
2669	Lockwasher 6,35	80945	Spring 13	112620	Screw, 4-40 x 1/2 Hex 16
3598	Nut, 6-40 Hex 2,4,6,7,8,	81726	Terminal 17	112626	Nut, 10-32 Hex 6
	9,10,14,16,17,18,19,20,	81731	Spring 8,20	112627	Nut, 2-56 Hex 32
	21,22,26,33,34	82392	Shim, .004" Thk 14,33	112630	Spring 3
3599	Nut, 4-40 Hex 2,4,6,7,9,	82463	Spring 32	112634	Spring 6
	10,15,20,26	82532	Screw, 6-40 Shoulder 26	113384	Plate 17
3606	Nut, 6-40 Hex 2,8,19	82538	Screw, 6-40 x 5/16 Hex	114107	Spring 10
3608	Spring 6		21,33	115594	Nut, Speed 35
3640	Lockwasher 17,37	82547	Insulator, .094" Thk 17	119421	Washer, Flat 2,5
3646	Lockwasher 2,5,36,37	82548	Insulator, .062" Thk 17	119648	Ring, Retaining 8,10,19,
3864	Spring 21	82832	Lockwasher 38	22,31,33	
4703	Spring 10	83877	Spring 10,17	119649	Ring, Retaining 3,4,7,8,
4708	Spring 31	84226	Spring 3,20	9,10,13,15,16,17,26,34	
5599	Nut, 8-32 Hex 21	84575	Spring 3,8,10,14	119650	Ring, Retaining 3
7001	Washer, Flat 19	86283	Spring 15	119651	Ring, Retaining 2,3,4,6,
7002	Washer, Flat 2,3,4,5,6,7,	87398	Washer, Flat 4	7,8,10,11,12,14,23,31,33,	
	8,9,10,13,15,17,18,19,	87402	Spring 21	34	
	20,22,31,33,34	90096	Washer, Insulating 19	119652	Ring, Retaining 4,8,10,
7655	Spring 23	90361	Washer, Felt 23	26,33,34	
8330	Washer, Flat 13,31	90432	Washer, Flat 10	119653	Ring, Retaining 6,19,20
31636	Spring 5,20	90615	Spring 3,34	119654	Ring, Retaining 6,20
33765	Washer, Flat 3	90790	Washer, Flat 10,15,16,26	120595	Follower, Cam 17
36273	Washer, Flat 12,23,31,32	91120	Spring 3	121018	Nut, 4-40 Hex 9
36351	Spring 14	92115	Setscrew, 8-32 36	121100	Spring 17
41732	Plate, Clamp 21	92260	Lockwasher 11,12	121630	Washer, Flat 21
42661	Spring 10	92527	Lockwasher 21	121923	Spring 26
42823	Washer, Flat 39	92604	Jumper, 2" Lg 40	124177	Lockwasher 2,3,4,7,8,9,
44048	Washer, Flat 3,16,20	92608	Jumper, 3" Lg 40	10,14,15,16,17,18,19,20,	
45027	Spring 8	93117	Lockwasher 3,5,16	21,26,31,33	
45104	Spring 31	93118	Lockwasher 5,17,32	124681	Setscrew, 6-40 6,12,13,16,
49054	Screw, 2-56 x 3/16 Flat 6	93356	Washer, Felt 31	31	
49420	Spring 15	93984	Lockwasher 19	125011	Washer, Flat 15,17,31,37

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Part Number	Description and Page Number	Part Number	Description and Page Number	Part Number	Description and Page Number
125015	Washer, Flat 14,16,17,18, 34	151722	Screw, 6-40 x 3/16 Hex 2,4,5	171235	Spring, Contact 32
125112	Screw, 2-56 x 1/8 Fil 17	151723	Screw, 10-32 x 3/8 Hex 35	171236	Spring, Contact 32
125181	Screw, 2-56 x 3/8 Fil 16	151731	Screw, 4-40 x 7/8 Fil 15, 39	171254	Insulator, .015" Thk 32
125206	Screw, 6-32 x 5/8 Fil 11	151737	Screw, 4-40 x 11/64 Hex 6, 39	171259	Spring 22
125252	Spring 15	151880	Nut, 4-40 Hex 9,14,21, 22,33	172591	Spring, Contact Arm 15
125802	Washer, Flat 15,37	152129	Spring 22	172993	Spring 31
125928	Washer, Flat 35	152425	Post, Spring 17	173807	Setscrew, 6-40 4
128357	Ring, Retaining 21,31,36,37	152426	Nut, 6-40 Self-Locking 17	174034	Screw, 4-40 x 13/16 Hex 17,37
137438	Resistor, 100 Ohm 38	152441	Washer, Flat 4,10	178306	Relay, Power 39
138033	Insulator, .031" Thk 5, 32	152890	Washer, Flat 21	179145	Bushing, Insulating 21
138034	Plate, Clamp 5,32	152891	Spring 33	180044	Terminal, Tab Type 22,40
138538	Fuse, SL-BL 2 Amp 40	152893	Screw, 4-40 x 1/4 Hex 7, 15,17,21,23,31,37	180045	Terminal, Tab Type 22,40
143306	Fuse, SL-BL 1 Amp 40	153267	Washer, Felt 6	180063	Spring, Compression 34
145887	Spring, Contact 17	153484	Screw, 6-32 Spl 39	180463	Post, Bail Pivot 10
145968	Nut, No.6 Speed 19	153537	Screw, 6-40 x 9/32 Hex 31	180464	Pulley, Carriage Return Spring 10
150026	Lever, Shoe Release 11,12	153631	Network, Spark Suppression 38,39	180465	Shaft, Carriage 6
150029	Wick, Felt 11,12,18,19	153799	Screw, 4-40 x 21/64 Hex 6,15	180466	Ring, Retaining 9
150040	Screw, 6-40 x 5/8 Fil 13, 18	153817	Screw, 4-40 x 3/8 Hex 4, 6,21,22,33	180467	Bearing, Ball 9
150043	Shoe, Secondary Clutch 11,12,18,19	153839	Screw, 6-40 x 5/8 Hex 11,12	180468	Bearing, Ball 9
150044	Shoe, Primary Clutch 11,12,18,19	155750	Sleeve, 3/32 ID x 1/2" Lg, insulating 21,22	180469	Link 8,9
150241	Spring 11,12,18,19	156169	Washer, Felt 21	180470	Roller 8
150830	Bushing, Shoulder 12	156509	Washer, Flat 10	180471	Block 9
150841	Bearing 12	156536	Screw, 4-40 x 1/8 Fil 9	180473	Shaft 9
150857	Clamp 37	156558	Washer, Felt 10	180474	Stud 9
150923	Washer, Felt 32	156572	Washer, Felt 9	180475	Bushing 9
150930	Washer, Felt 11,12,16	157899	Arm, NC Contact 15	180476	Screw, 6-40 Spl 8
150990	Washer, Felt 34	158186	Screw, 4-40 x 7/32 Fil 4	180477	Bracket 8
151152	Screw, 4-40 x 3/16 Hex 7, 9,10,21,22,31,33	158189	Washer, Felt 10	180478	Guide, Nylon 8
151346	Screw, 6-40 x 3/8 Fil 36,37	158772	Screw, 4-40 x 5/8 Hex 21,37	180479	Bracket 8,26
151397	Spring 17	160455	Spring 22	180480	Arm w/Stud 9
151413	Washer, Flat 10	160626	Insulator .031" Thk 32	180482	Arm w/Shft 7
151603	Spacer 17	160627	Bushing, Insulating 32	180483	Arm, Stop 8
151610	Washer, Flat 19,31	161100	Spring, Contact 17	180484	Arm, Stop 8
151618	Screw, 6-40 x 7/16 Fil 11,12	161346	Washer, Felt 10	180485	Arm w/Spring 9
151629	Nut, 6-40 Lug 6,13,31	161347	Washer, Felt 16	180486	Link 8
151630	Screw, 6-40 x 1/4 Hex 9,10, 17,20,26	162573	Retainer 12	180487	Stud 9
151631	Screw, 6-40 x 5/16 Hex 3, 16	162881	Plate 17	180488	Shaft 7
151640	Lever, Shoe Release 19	162886	Screw, 4-40 x 7/32 Hex 31	180489	Lever w/Pin 6
151688	Screw, 4-40 x 5/8 Fil 37	164958	Screw, 4-40 x 1/2 Hex 19	180491	Shaft 9
151693	Screw, 6-40 x 9/16 Fil 7,31	171227	Spring, Contact 32	180492	Arm 8
				180493	Lever, Trip 8
				180495	Link, Ribbon 7
				180496	Arm, Stop 8
				180497	Spring, Print
				180498	Hammer 7
				180499	Bracket 6
				180500	Frame 6,7,8,9

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Part Number	Description and Page Number	Part Number	Description and Page Number	Part Number	Description and Page Number
180501	Arm w/Stud 7,8	180574	Stud, Eccentric 9	180715	Coil, Magnet 17
180502	Head, Print Hammer 7	180575	Bearing, Ball 9,16	180717	Spring 17
180503	Shaft w/Spacer 7,9.	180576	Bearing, Ball 9	180718	Spring 18
180505	Plate, Left Guide 7	180578	Bracket w/Post 10	180719	Spring 17
180506	Plate, Right Guide 7	180579	Bracket w/Hub 9	180721	Wick, Felt 17
180508	Stud, Eccentric 8	180580	Lever w/Stud 8,9	180727	Washer, Flat 17
180509	Slide, No. 3 Pulse 8	180581	Roller, Typewheel 7	180728	Spring 17
180510	Slide, Common 8	180584	Lever 9	180740	Bail 15
180511	Slide, No. 1 & No. 2 Pulse 8	180585	Spring 8	180741	Shaft, Function 16,21
180512	Slide w/Plates 8	180586	Sleeve, 5/32 ID x 21/32 Lg Insulating 8,40	180742	Roller 16
180513	Slide, No. 5 Pulse 8	180591	Spring 7	180743	Bearing, Right 16
180514	Slide, No. 4 Pulse 8	180595	Setscrew, 4-40 8	180744	Collar 6,16
180517	Lever, Latch 8	180598	Typewheel, MA 27	180745	Arm w/Stud 16
180518	Plate 7	180606	Bail 9	180746	Arm w/Bushing 11,12,16
180519	Rack 7	180607	Arm, Adjusting 9	180748	Arm w/Stud 16
180520	Arm 8	180608	Bracket, Left 2,5	180749	Arm w/Stud 16
180521	Slide, Print Suppression 8	180610	Shield 7	180750	Arm w/Stud 16
180522	Bushing 8	180641	Camsleeve 18	180751	Arm w/Stud 16
180526	Bail w/Stud 9	180642	Pushbar 17	180752	Lever, Function 16
180528	Lever w/Hub 9	180643	Lever, Blocking 17	180754	Hub 16
180534	Plate, Guide 7	180644	Lever, Blocking 17	180755	Hub 16
180537	Link 8	180645	Lever, Selector 17	180761	Ring, Retaining 16
180538	Shaft 8	180646	Lever, Shoe Release 18	180763	Link 23
180539	Bail w/Stud 8	180648	Arm, Follower 13	180767	Ring, Retaining 13,15,23
180540	Bail, Print Hammer 7,8	180649	Spring 17	180768	Ring, Retaining 11,12
180541	Plate w/Posts 6,7	180654	Knob, Range 18	180769	Link, Left 23
180543	Base, Ribbon Unit 6	180655	Plate, Side 17	180770	Link, Right 23
180545	Bracket 10	180657	Bracket, Guide 17	180771	Arm 15
180546	Post 10	180658	Shaft, Guide 17	180772	Shaft 15
180547	Stud, Eccentric 6	180661	Bracket 18	180773	Plate 15
180548	Plate 7	180663	Scale, Range 17	180774	Arm, Eccentric Follower 11,12
180549	Bracket 7	180667	Plate w/Bushing 18	180776	Bracket 34
180552	Post 7	180668	Follower, Cam 18	180777	Arm, Drive 16
180553	Spring 9	180669	Locklever, Spacing 17	180778	Plate 15
180554	Bushing 7	180671	Lever, Start 17	180779	Bracket 15
180555	Spring 7	180672	Bail 17	180780	Blade 23
180556	Plate, Gauge 9	180673	Plate, Front 17,18	180781	Hub 15,23
180557	Lever w/Stud 8	180676	Nut, No. 6 Speed 17,19	180782	Shaft, Pivot 23
180558	Collar 8	180677	Arm, Trip 18	180783	Casting, Function Box 15
180559	Shaft 8	180678	Plate, Spring 17	180788	Plate, Rear Rail 15,26
180562	Link, Left Ribbon 7	180682	Upstop 10	180789	Roller 15
180563	Stud, Eccentric 7	180684	Latchlever 18	180791	Arm w/Stud 15
180564	Bracket, Lock 7	180685	Nut, 6-40 Spl 18	180792	Pawl, Function 15
180566	Hub w/Pinion 9	180688	Core, Magnet 17	180793	Lever 24
180568	Bracket, Guide 7	180691	Plate 17	180794	Lever, Line Feed 23
180569	Spring, Compression 7	180692	Spring, Flat 17	180795	Bracket, Spring 23
180571	Plate 9	180704	Armature 17	180796	Clamp 15
		180710	Plate w/Post 17	180797	Clamp 10,16,23

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Part Number	Description and Page Number	Part Number	Description and Page Number	Part Number	Description and Page Number
180798	Screw, 8-32 Self-Tapping 2,5,6,10,11,12,13,14,15, 16,19,20,23,33,34,36 to 39	180930	Bearing 34	181002	Bearing 11,12
180932	Codebar, No.8-1 14	181003	Latchlever, 13		
180933	Codebar, No.8-2 14	181004	Hub 13		
180934	Codebar, No.8-3 14	181005	Link, Carriage 10,11		
180935	Codebar, No.8-4 14	181006	Bushing 13		
180936	Codebar, No.8-5 14	181007	Shaft, Main 11,18		
180937	Codebar, No.8-6 14	181008	Collar 11,12		
180938	Codebar, No.7 14	181010	Lever w/Stud 13		
180939	Codebar, No.8 14	181011	Lever w/Nut 13		
180947	Codebar, Spring Suppression 14	181012	Spacer 13		
180948	Codebar, Auto CR & EOL Bell 14	181013	Spacer, .453" Thk 13		
180949	Bracket, Rear Tie 14	181014	Grommet, Rubber 13		
180950	Bracket, Front Tie 14,33	181015	Gear, 35T 11,12		
180956	Spring 4,14,31	181017	Plate 13		
180957	Bracket, Spring 14	181018	Shaft 13		
180958	Nut, 6-40 Lug 17	181019	Lever, Trip 13		
180959	Bracket 17	181020	Lever 13		
180964	Roller 19	181021	Spacer, .406" Thk 13		
180967	Shaft, Distributor 19	181022	Bracket, Left 11,12,13		
180968	Buffer 20	181023	Bracket, Right 13		
180969	Bearing 19	181028	Camsleeve 11		
180970	Bearing 19	181030	Bracket w/Stud 2		
180971	Shaft, Trip 20,22	181034	Platen 2		
180972	Clamp, Buffer 20	181037	Bracket, Right 2		
180973	Disc, Spacer 19	181038	Bracket, Left 2,5,9		
180975	Bracket w/Stud 34	181039	Knob, Platen 2		
180978	Lever w/Stud 34	181040	Pawl, Detent 2,4		
180979	Brush, Carbon 19	181041	Retainer 2,4		
180980	Holder, Brush 19	181042	Tip, Rubber 2,3,26		
180981	Arm, Stop 20	181044	Roller, Pressure 3		
180982	Tripbail 20	181045	Post, Support 2,5,21		
180983	Latchlever 20	181048	Bracket, Stop 2		
180985	Lever, Follower 20	181049	Arm, Right 3		
180987	Disc 19,22	181050	Arm, Left 3		
180988	Bracket, Spring 20	181051	Bracket, Left 3		
180989	Screw, No.6 Spl 19,22	181052	Plate 2,26		
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11	Base Plate and Electrical Components	12
12	Base Plate and Electrical Components (Continued)	13
13	186627 Set Interface Logic Assembly	14
14	186630 Modification Kit to Provide Break Detection and Indication	15
15	Alarms and Speaker	16
16	181815, 182695, 186000 and 332709 Selector Magnet Driver Assemblies	17
17	Receive-Only Bracket Components	18
18	182489, 193487, 186600 and 186601 Dial Modifications	19
19	186602 and 186603 Dial Modifications	20
20	193486, 193489, 195924, 195926 and 327420 Dial Modifications	21
21	Key Assemblies	22
22	Power Cords and Jumpers	23
23	Cable Components	24
24	186670 Modification Kit to Provide Private Line	25
25	Base Plate and Electrical Components for Private Wire Service	26
26	Call Control w/Modem Logic Cards	27
27	188865 Power Supply Assembly	28
28	188865 Power Supply Assembly (Continued)	29
29	187133 (Manual) and 187134 (Automatic Reader Card Set of Parts)	30
30	186765 (Manual), 186766 (Automatic) 184194 and 186480 Reader Power Pack Assemblies	30
31	181720 Power Pack Assembly	31
32	182134 and 182149 Reader Power Pack Assembly	32
33	187156 Modification Kit To Add 20/60 MA DC Interface Numerical Index	32
		33

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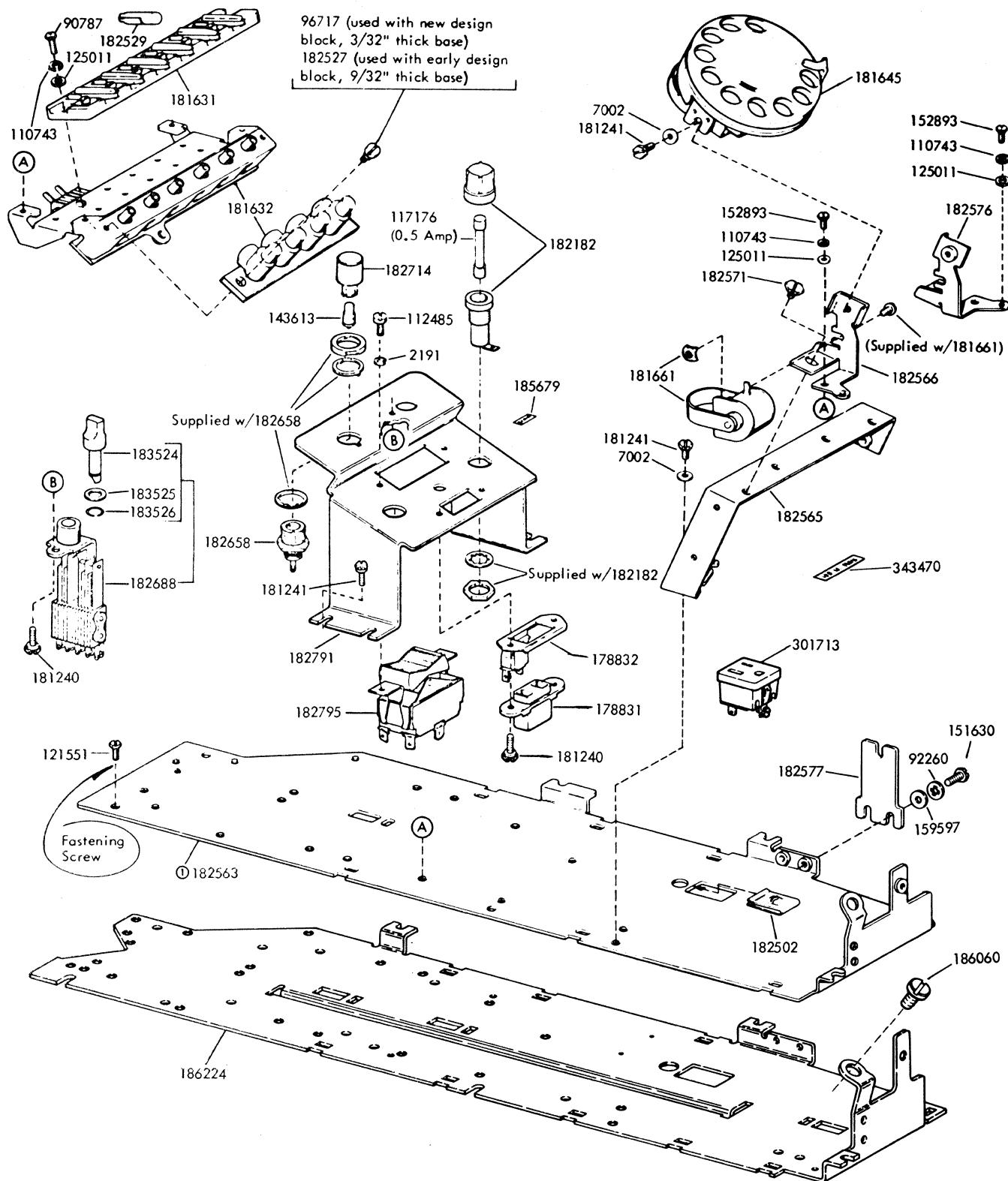


FIGURE 1. BASE PLATE COMPONENTS FOR USE WITH ROTARY DIAL

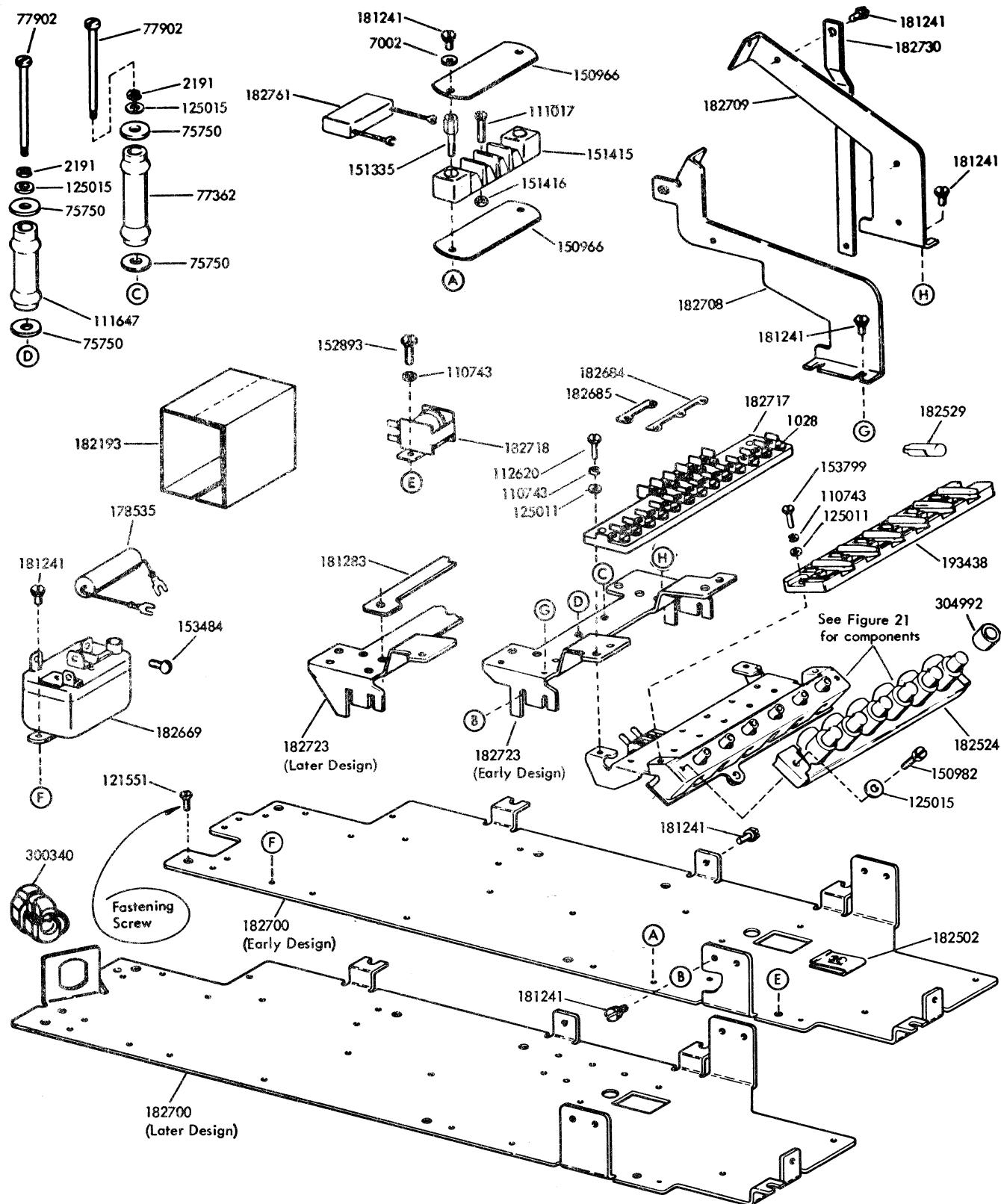
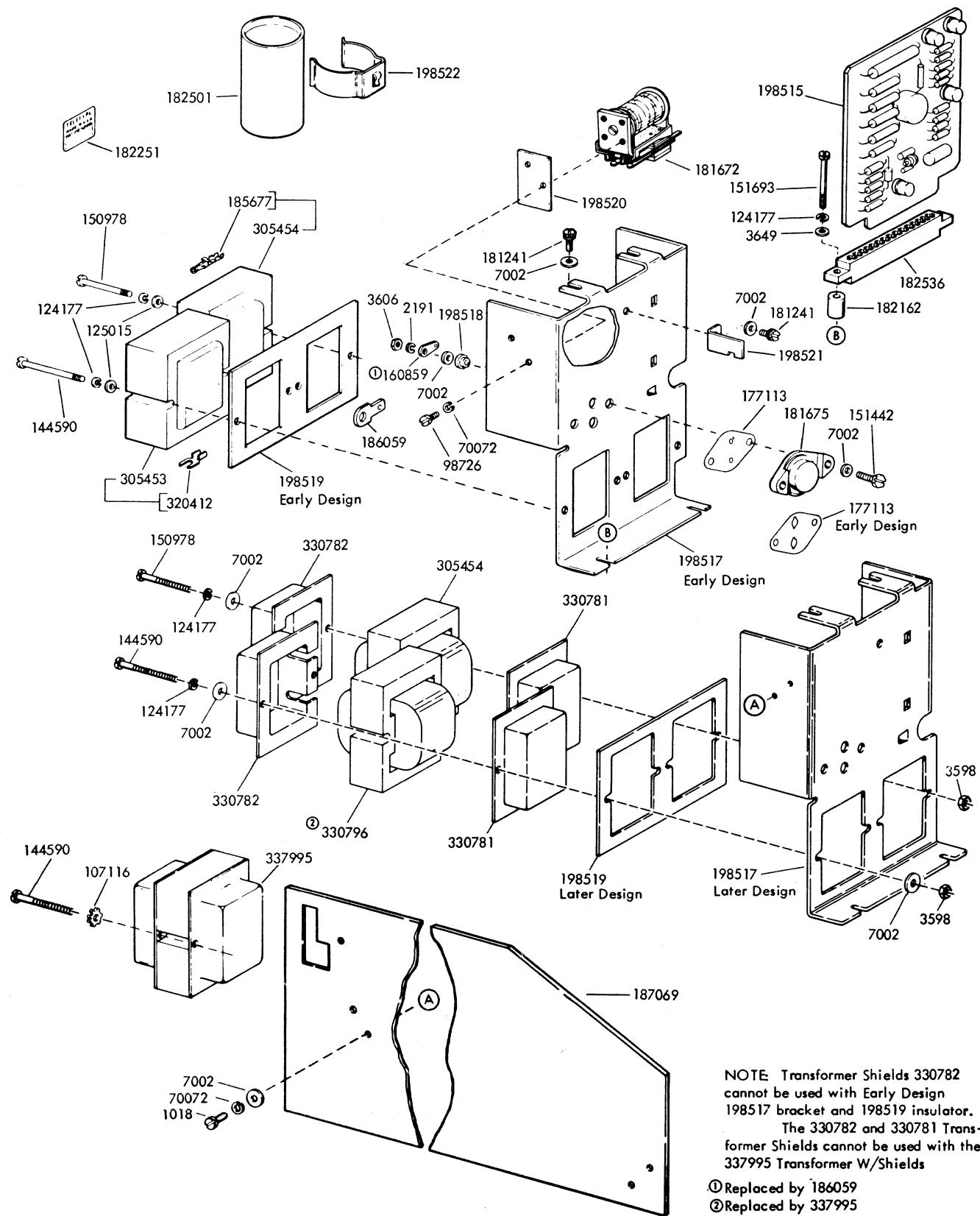


FIGURE 2. BASE PLATE COMPONENTS FOR USE WITH
TOUCH-TONE OR CARD DIALING



NOTE Transformer Shields 330782
cannot be used with Early Design
198517 bracket and 198519 insulator.
The 330782 and 330781 Trans-
former Shields cannot be used with the
337995 Transformer W/Shields

① Replaced by 186059
② Replaced by 337995

FIGURE 3. ELECTRICAL COMPONENTS FOR USE WITH ROTARY DIAL

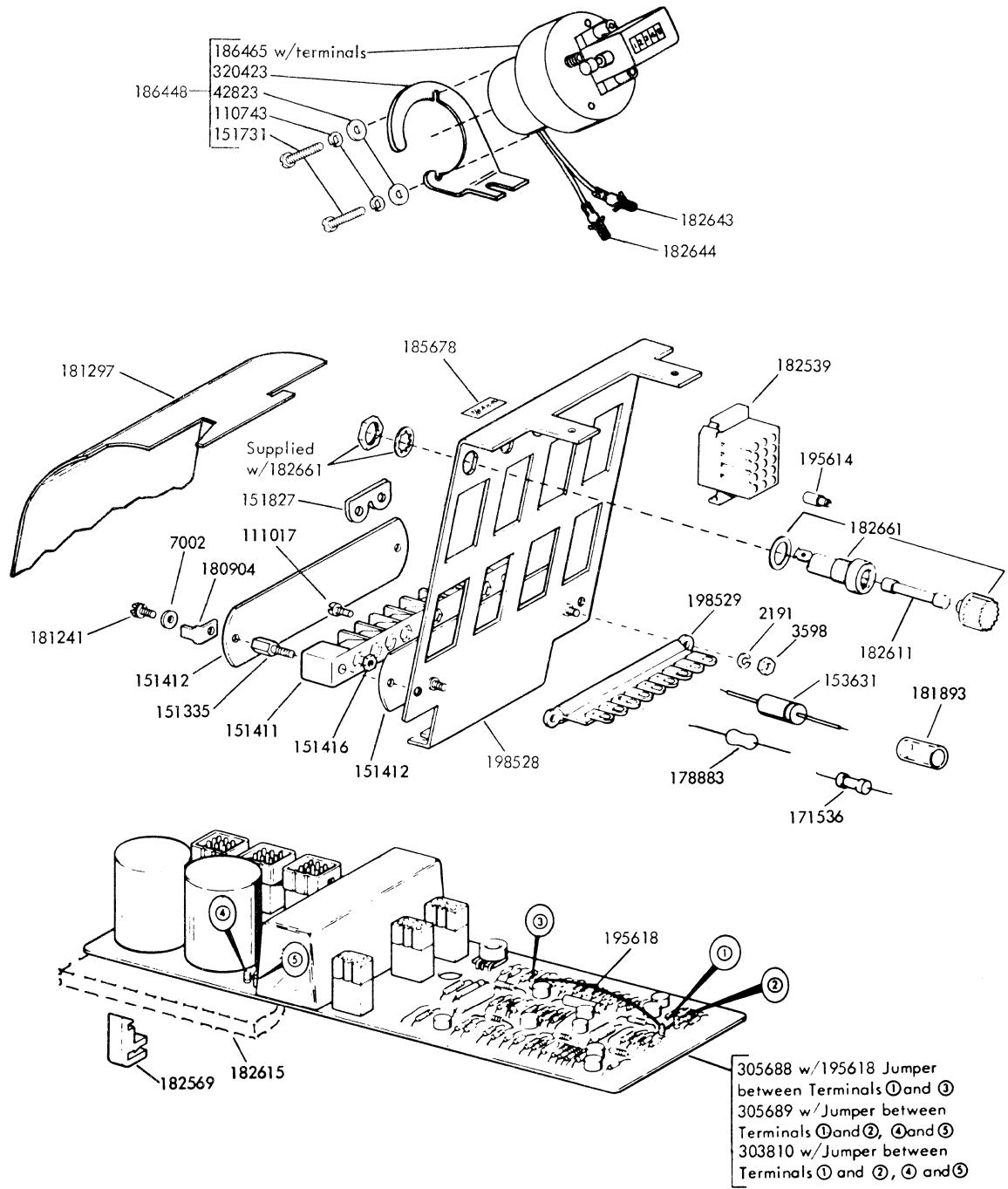
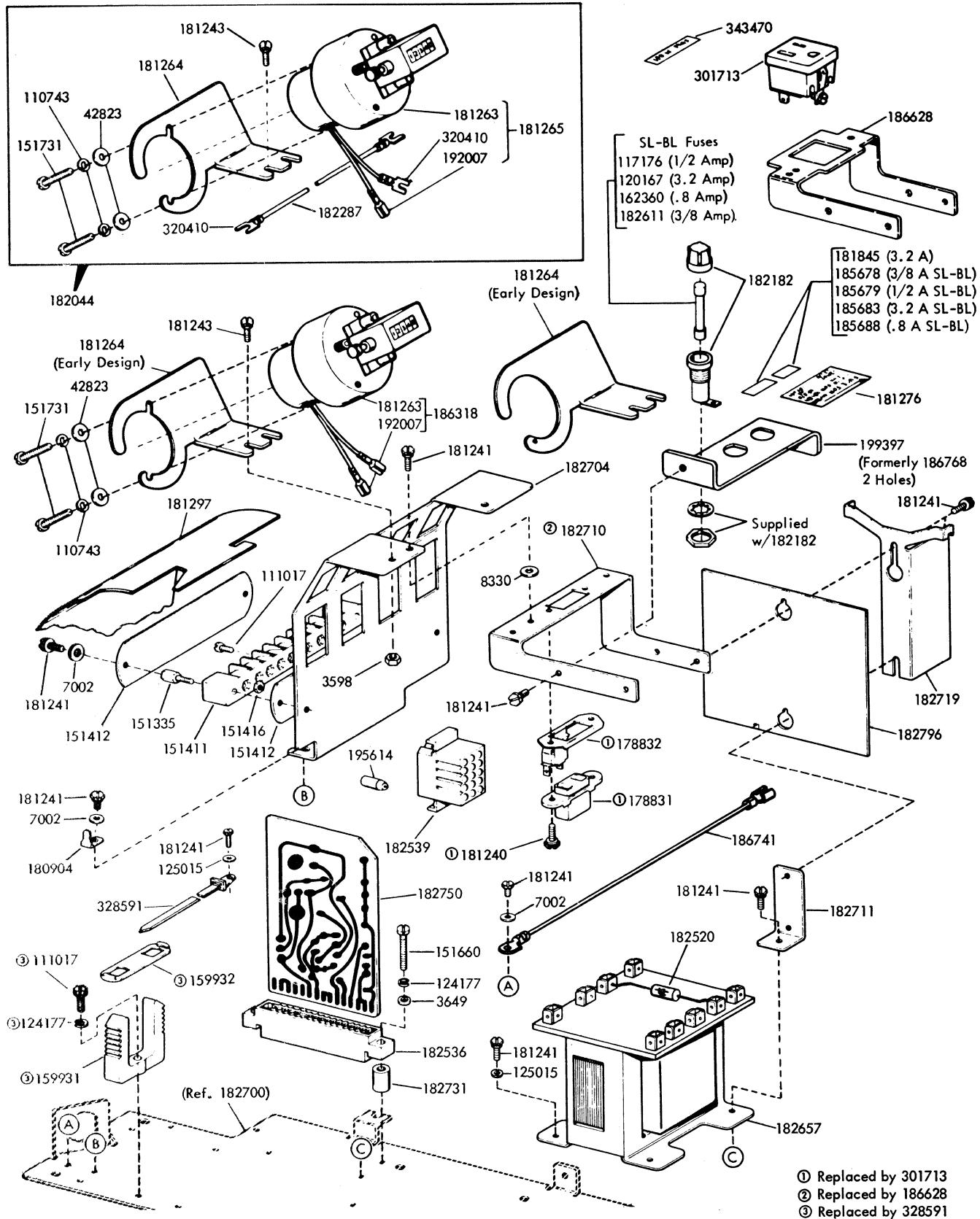


FIGURE 4. ELECTRICAL COMPONENTS FOR USE WITH ROTARY DIAL (Continued)



① Replaced by 301713
 ② Replaced by 186628
 ③ Replaced by 328591

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

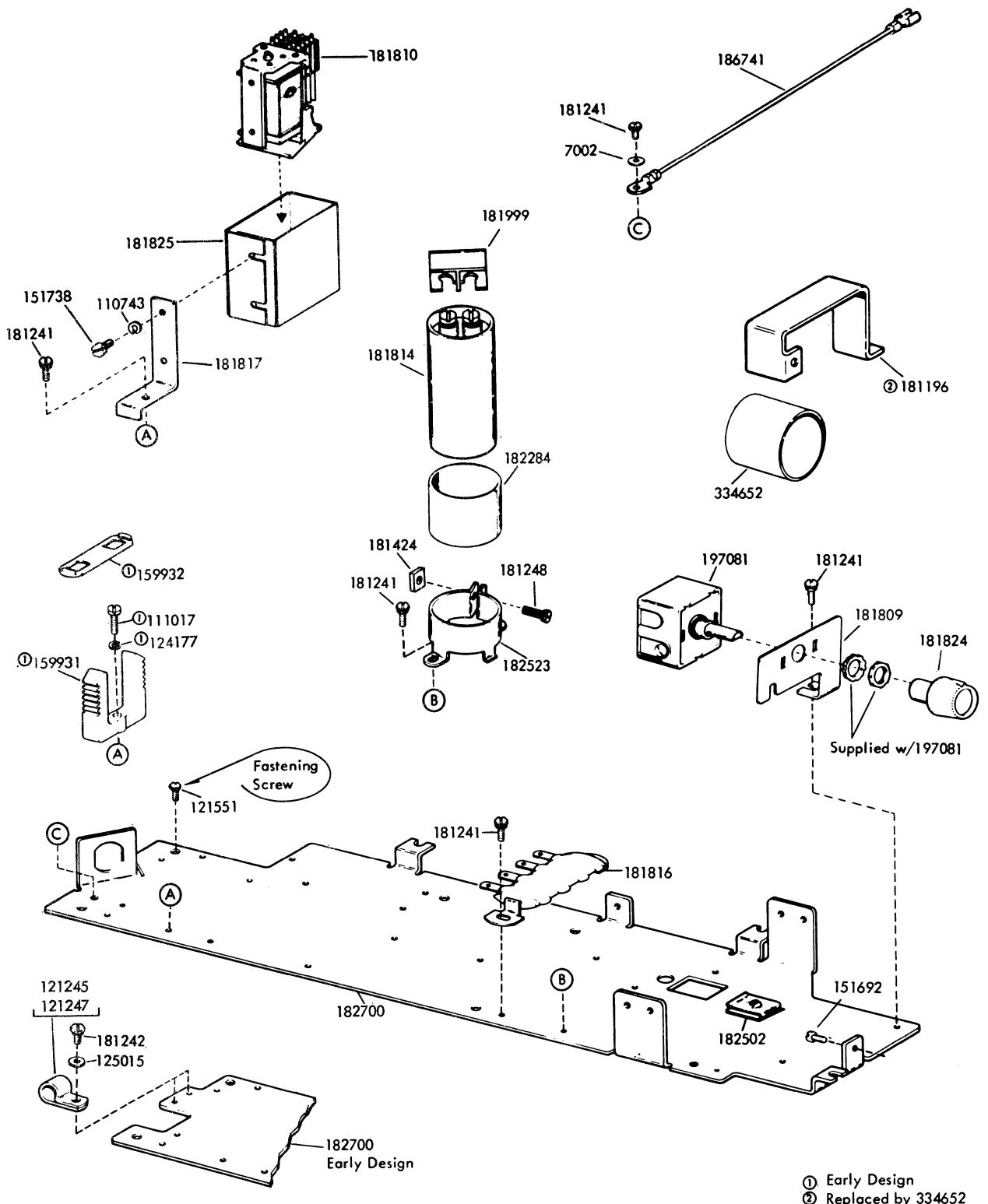


FIGURE 6. BASE PLATE AND ELECTRICAL COMPONENTS FOR DC SIGNAL PRIVATE LINE

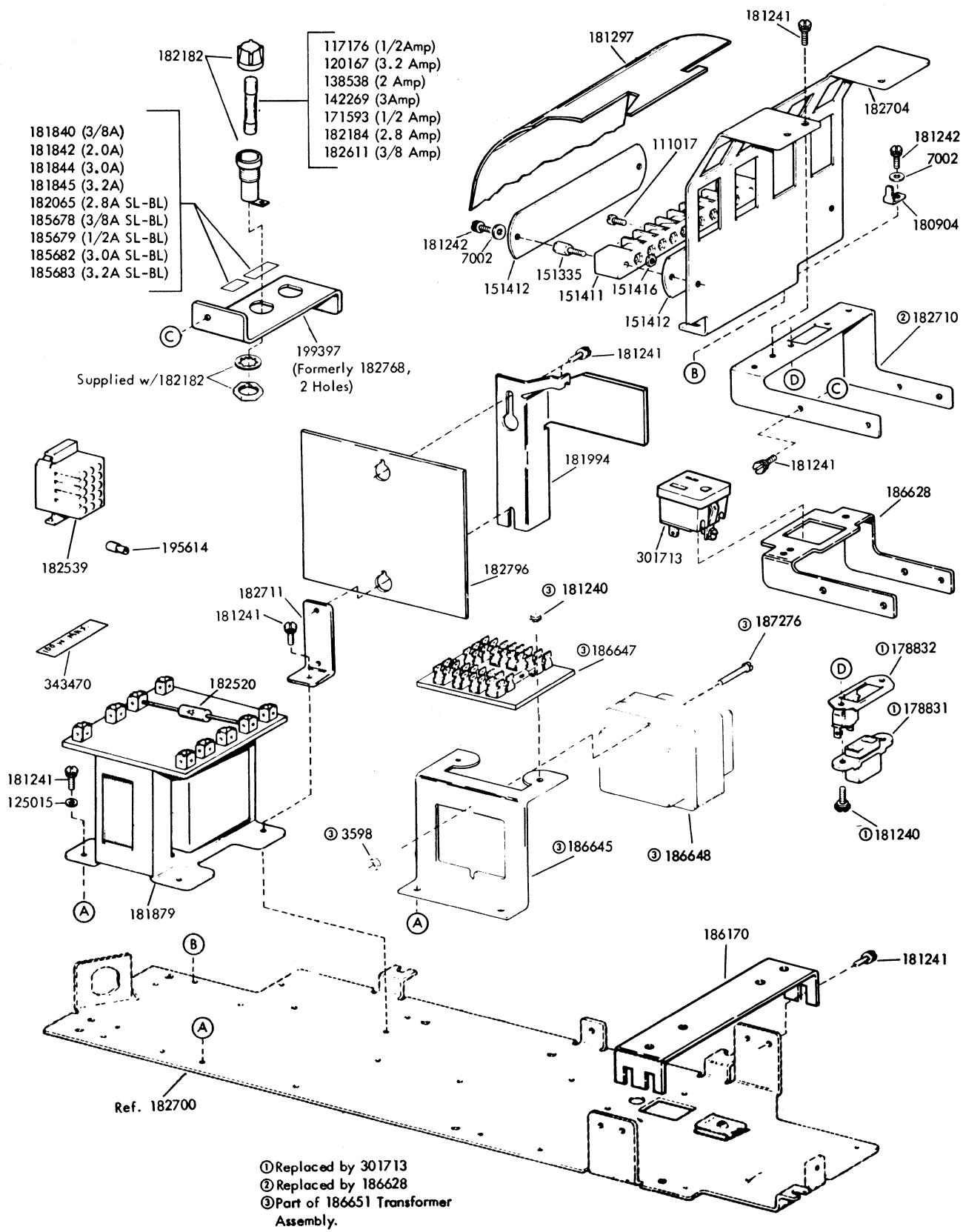


FIGURE 7. BASE PLATE AND ELECTRICAL COMPONENTS FOR D.C. PRIVATE LINE (Continued)

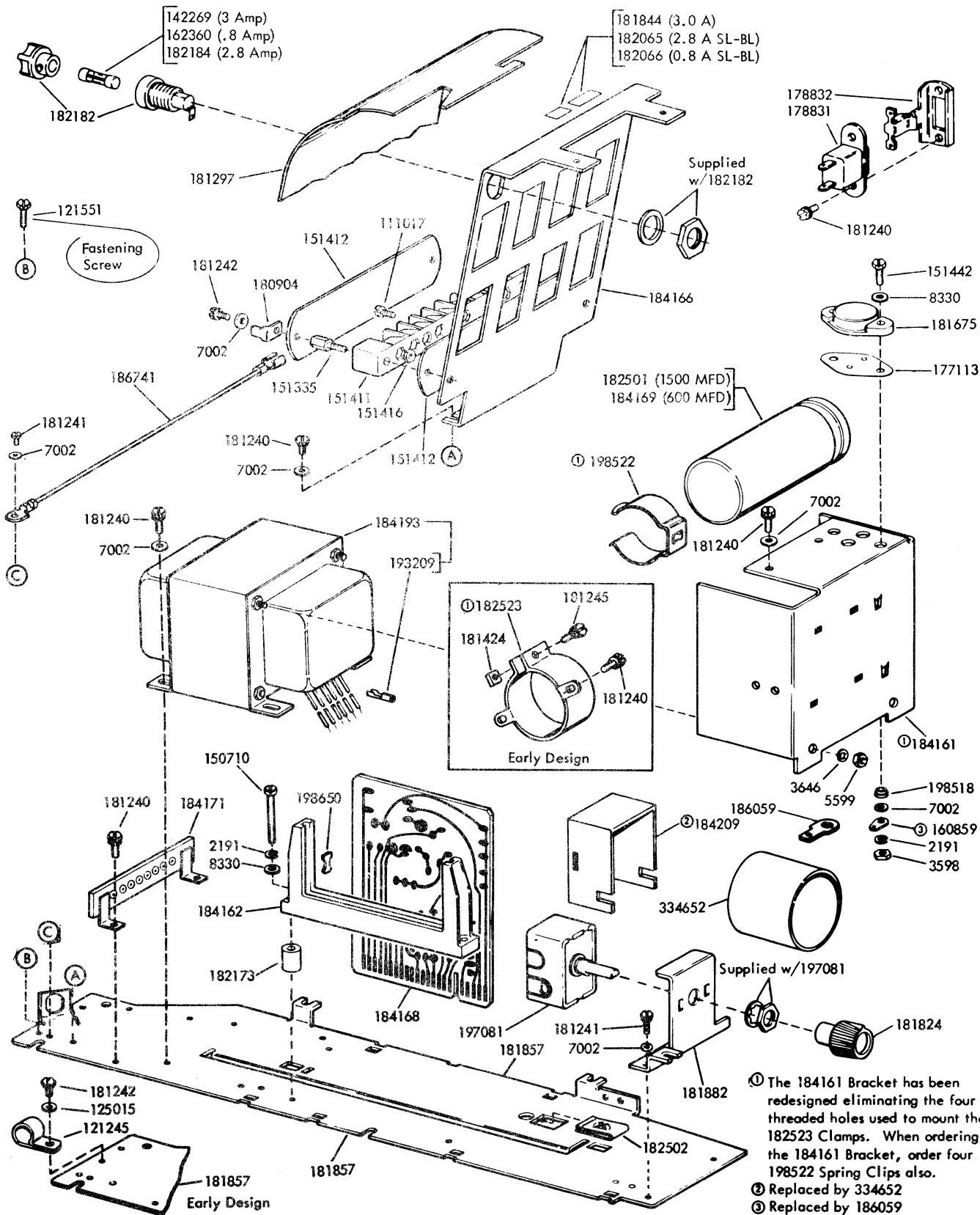
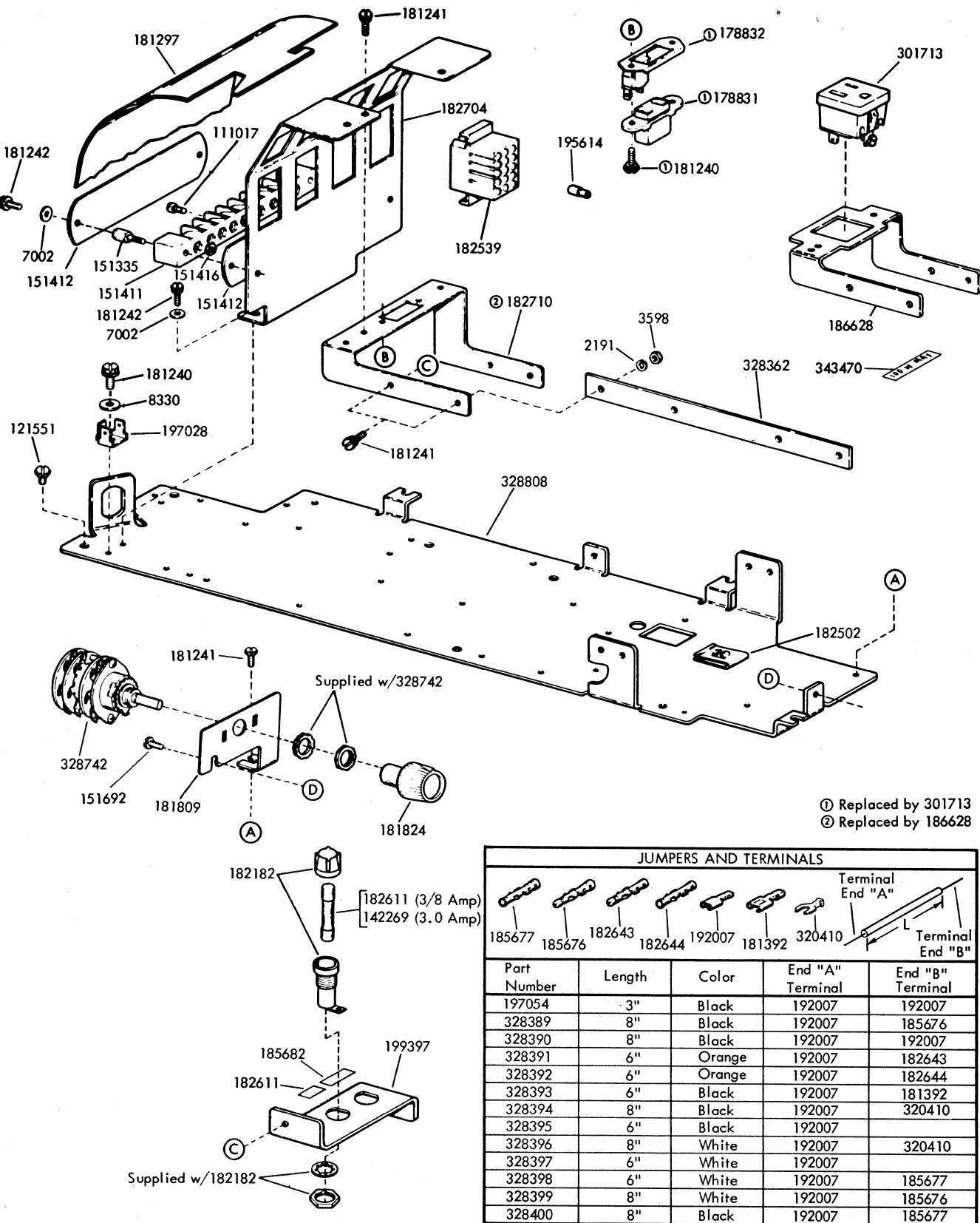


FIGURE 8. ELECTRICAL COMPONENTS FOR COMPUTER CONTROL PRIVATE LINE



JUMPERS AND TERMINALS					
Part Number	Length	Color	End "A" Terminal	End "B" Terminal	
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	

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

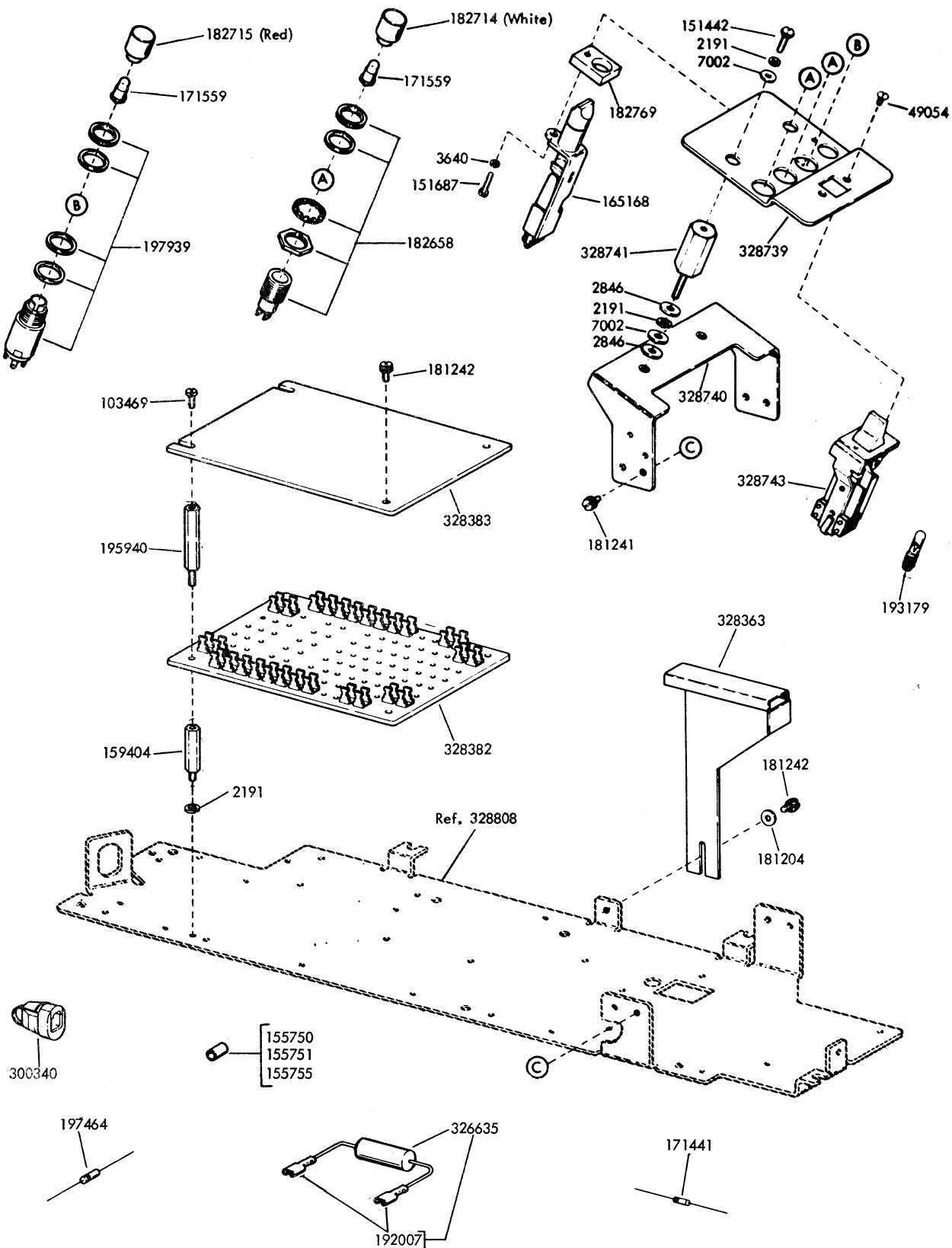


FIGURE 10. BASE PLATE AND ELECTRICAL COMPONENTS FOR USE WITH STATION CONTROLLER (Continued)

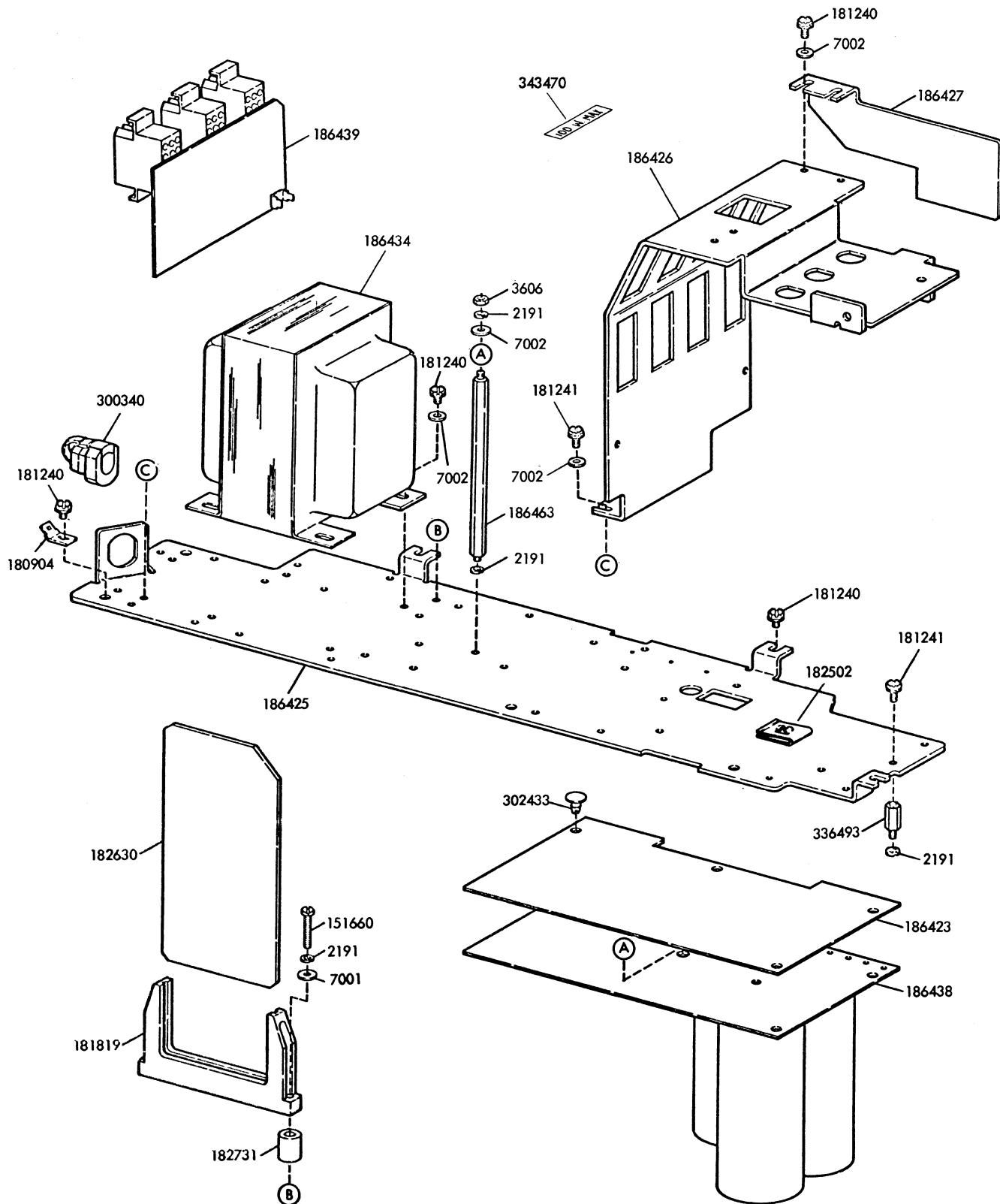


FIGURE 11. BASE PLATE AND ELECTRICAL COMPONENTS

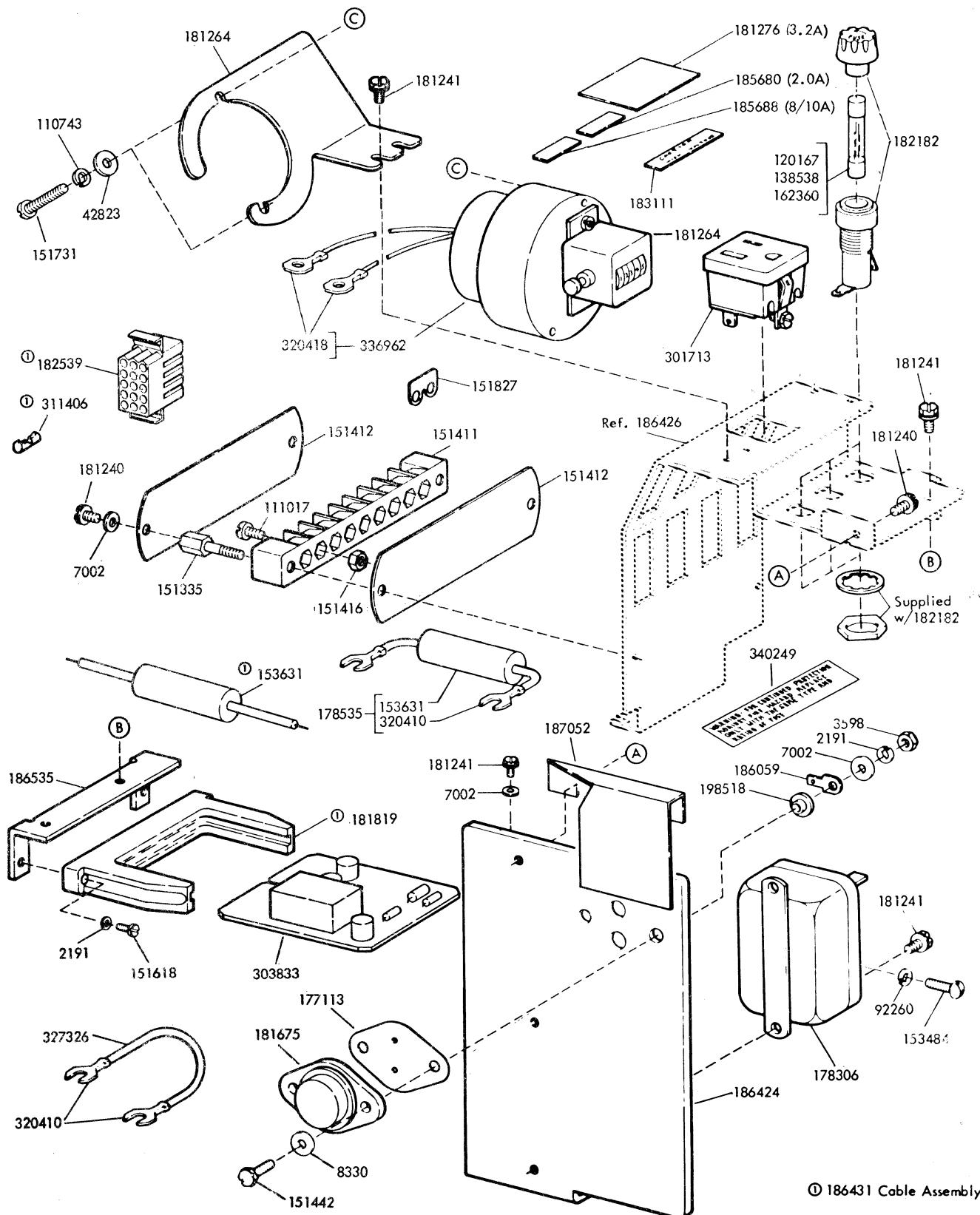


FIGURE 12. BASE PLATE AND ELECTRICAL COMPONENTS (Continued)

SECTION 574-123-800TC

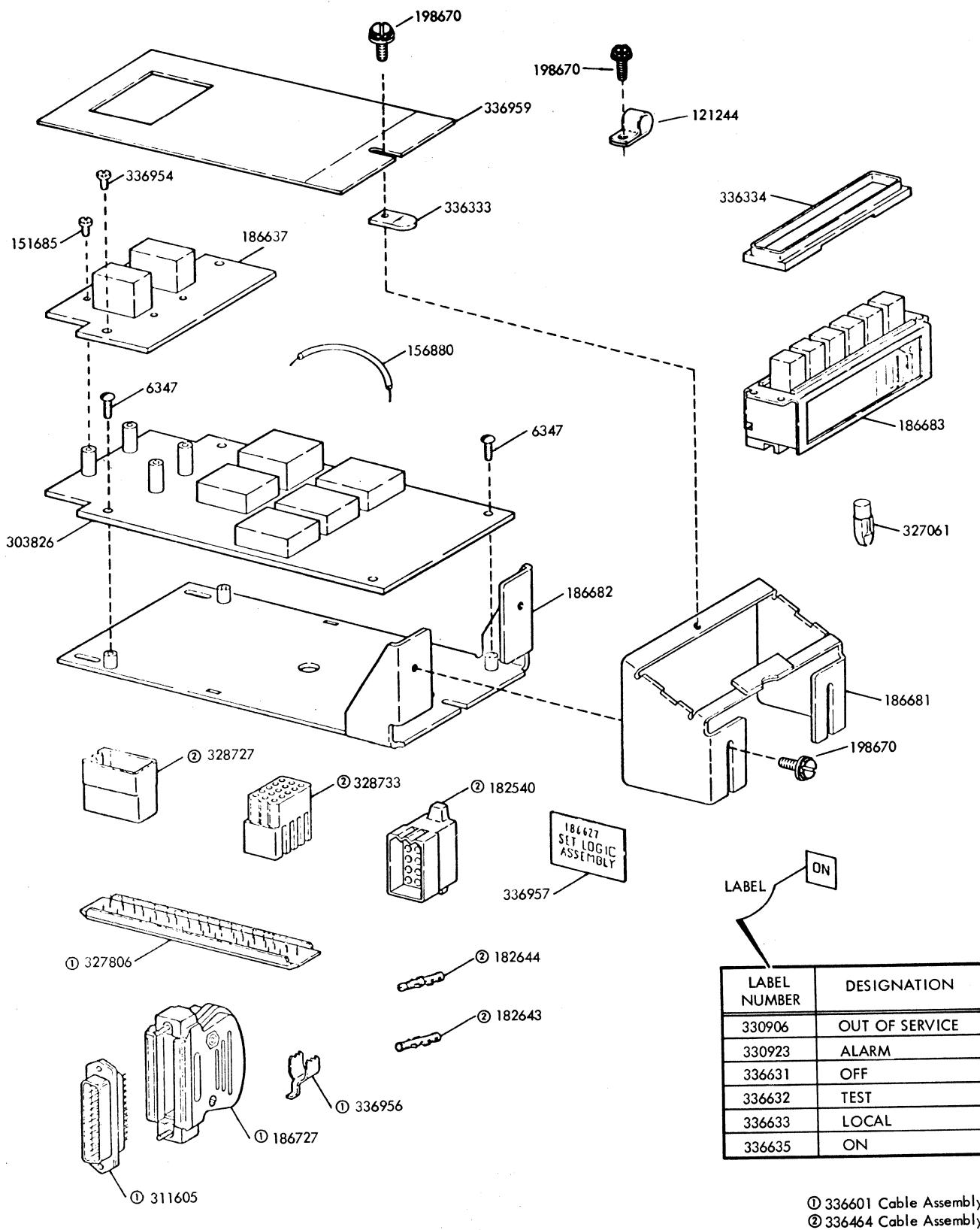
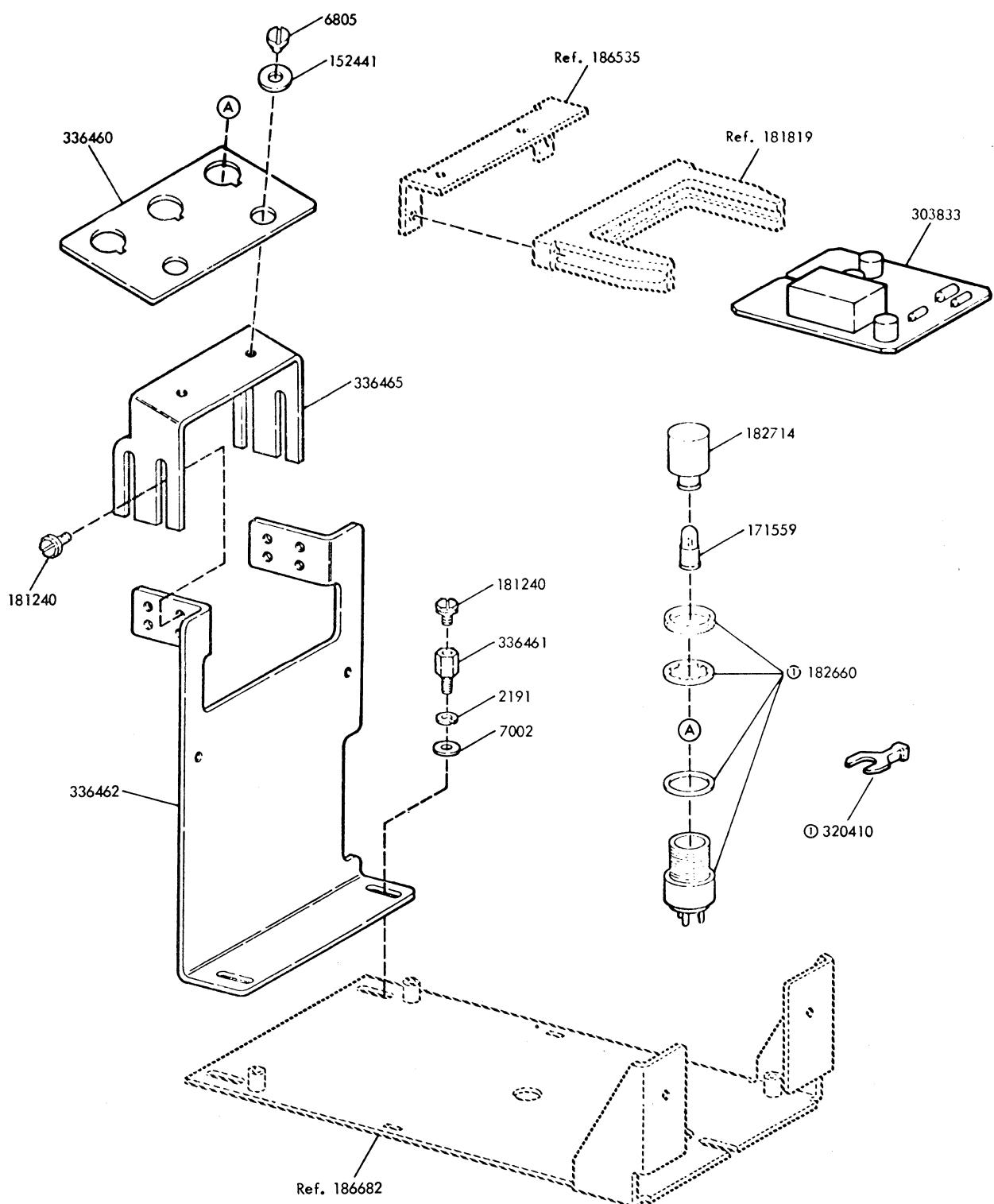
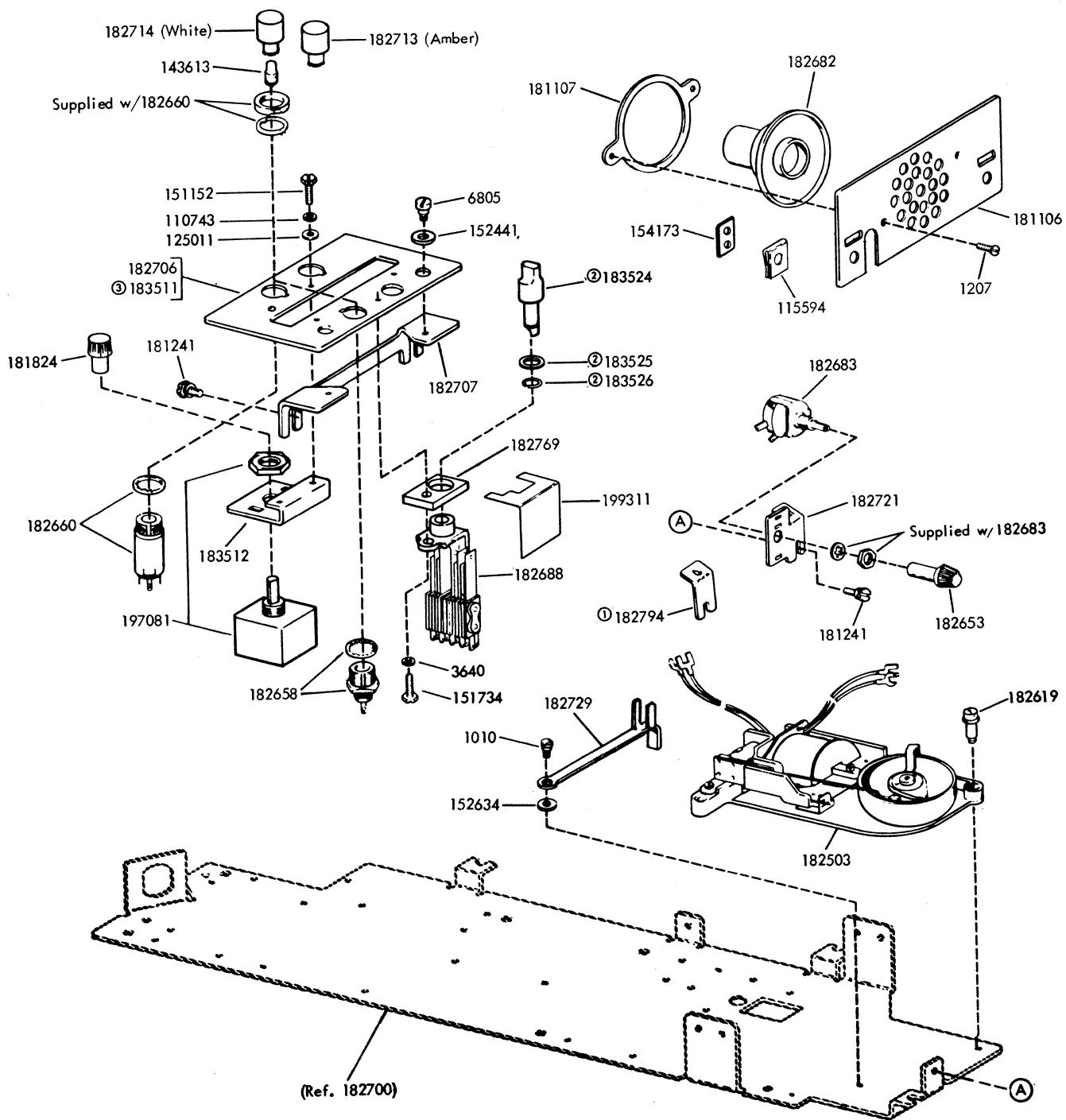


FIGURE 13. 186627 SET INTERFACE LOGIC ASSEMBLY



① 336471 Cable Assembly

FIGURE 14. 186630 MODIFICATION KIT TO PROVIDE BREAK DETECTION AND INDICATION



①No longer available. Replaced by 182721
 ②Part of 182688
 ③Accepts the 183512 Bracket and Switch

FIGURE 15. ALARMS AND SPEAKER

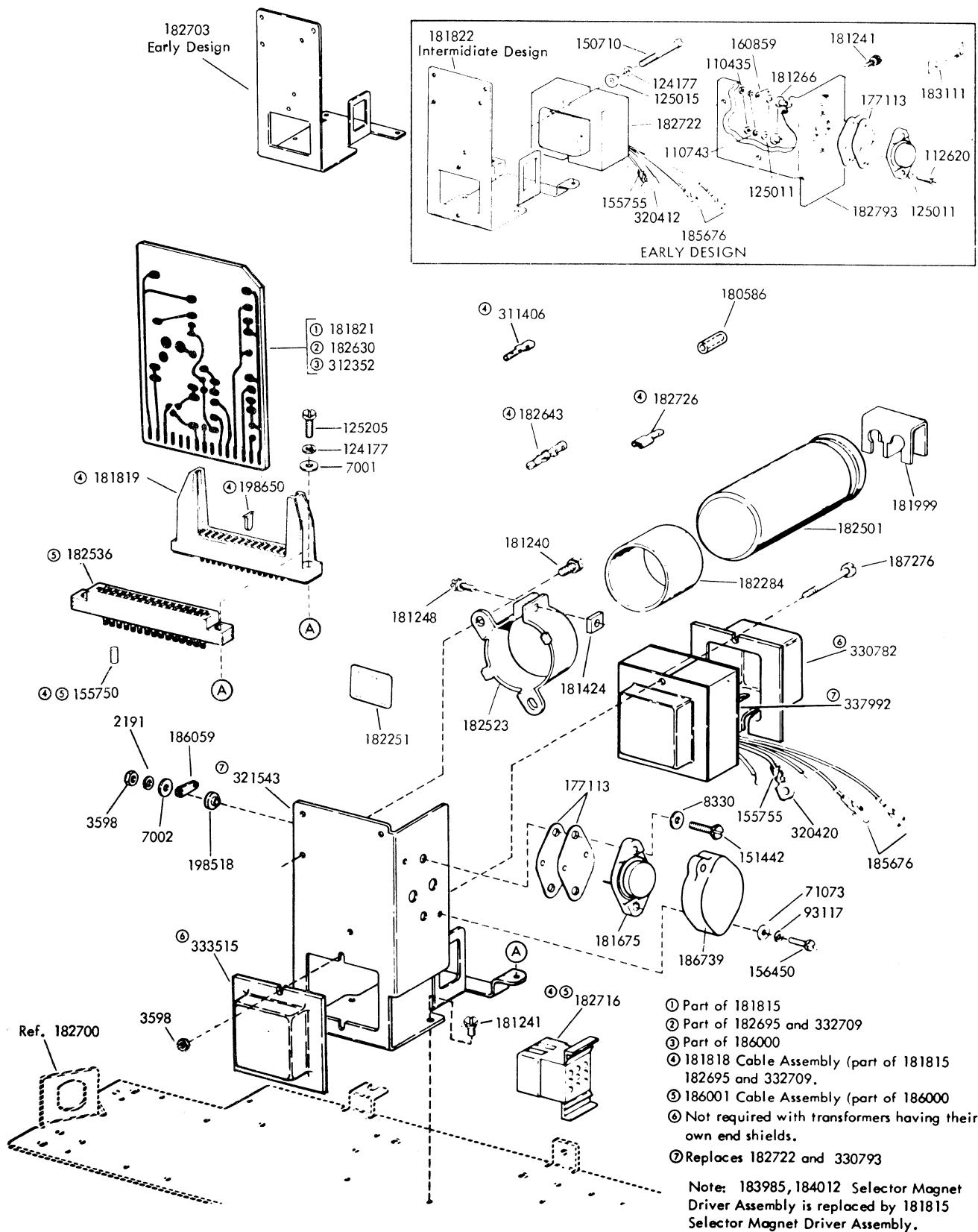
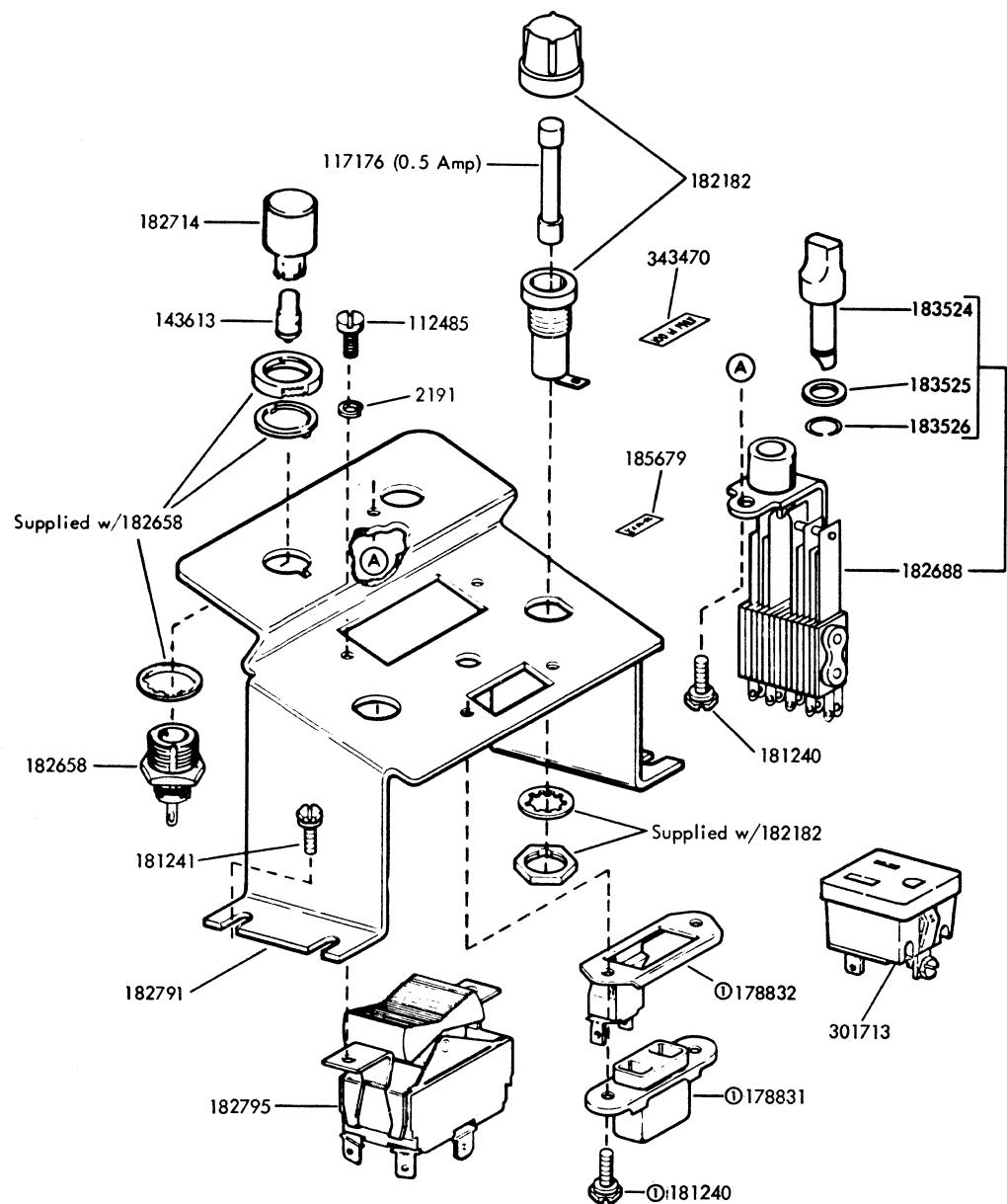
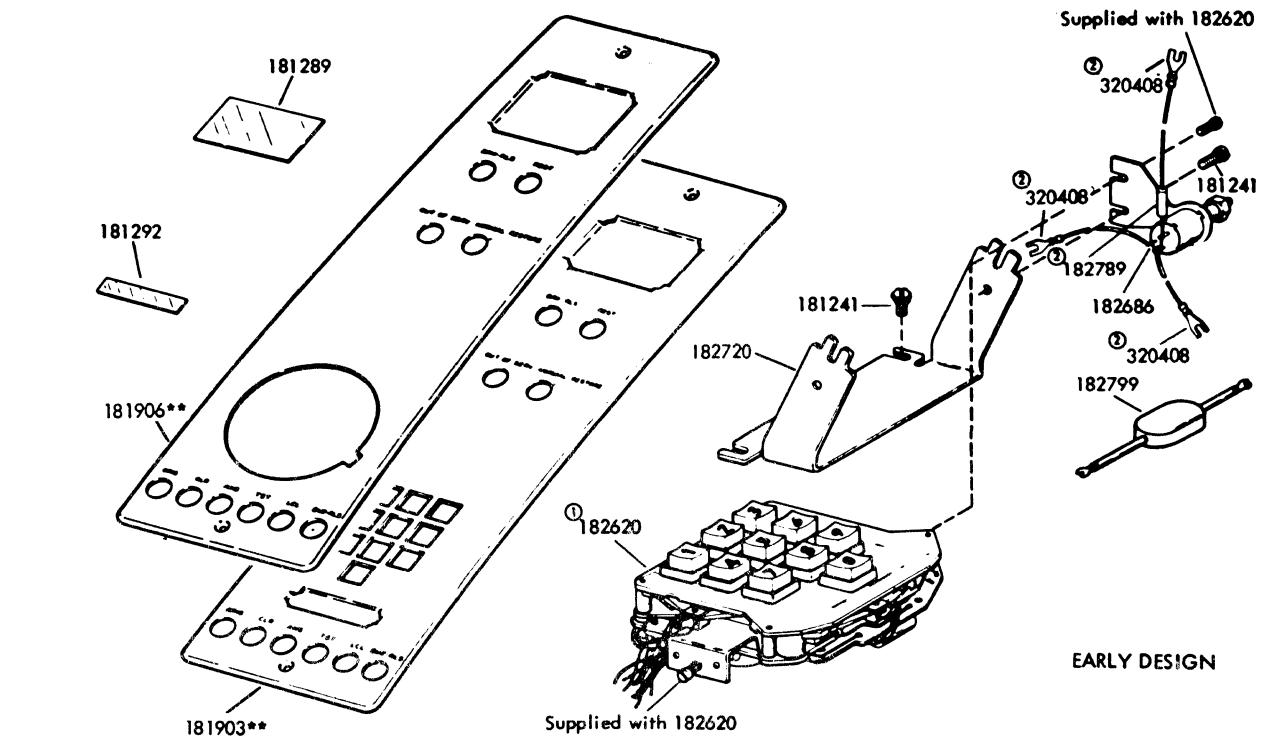
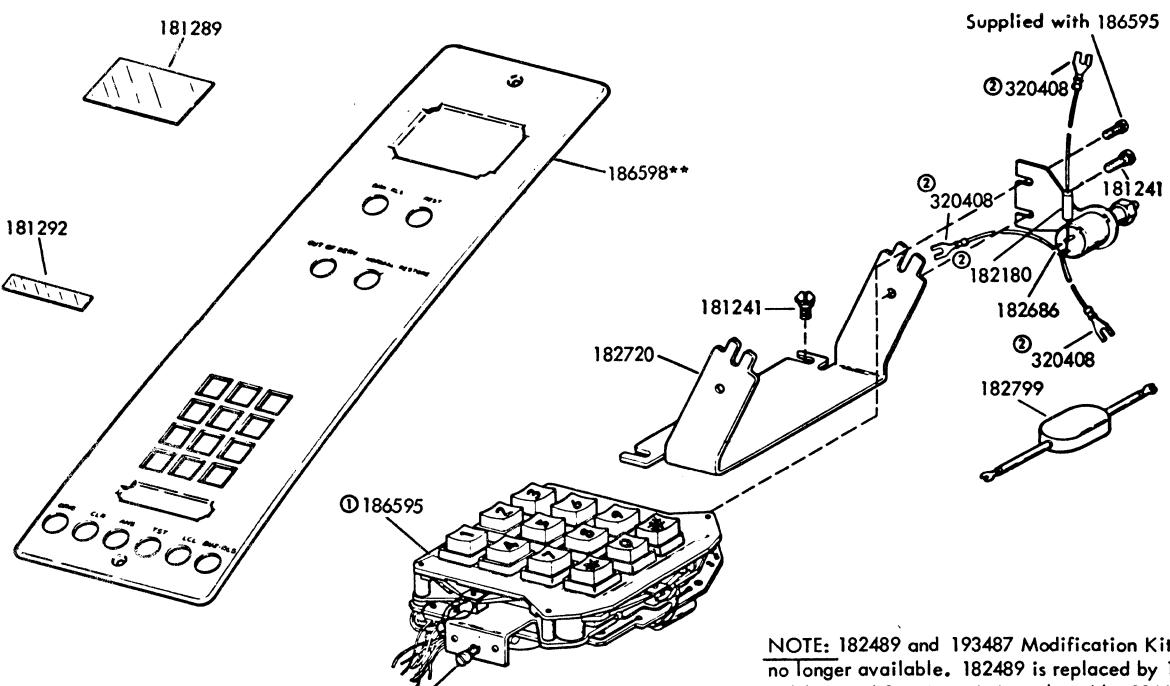


FIGURE 16. 181815, 182695, 186000 AND 332709 SELECTOR MAGNET DRIVER ASSEMBLIES



① Replaced by 301713

FIGURE 17. RECEIVE-ONLY BRACKET COMPONENTS

Manual 10-button
TOUCH-TONE dialPart of 182489 (less Dialer) and 193487 (with Dialer)
Modification Kits (Specification 50156S)Manual 12-button
TOUCH-TONE dialPart of 186600 (less Dialer) and 186601 (with Dialer)
Modification Kits (Specification 50156S)

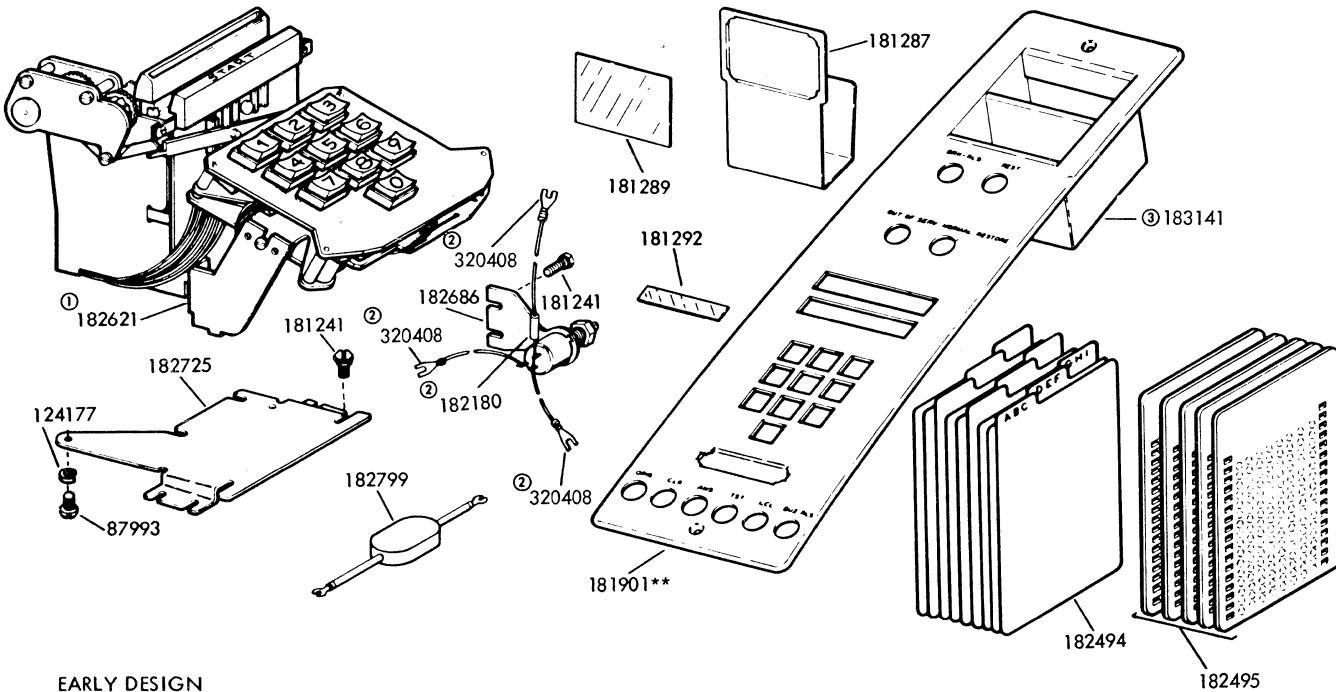
NOTE: 182489 and 193487 Modification Kits are no longer available. 182489 is replaced by 186600. 193487 Modification Kit is replaced by 186601.

① Peculiar to 186601

② Part of 182686

** Refer to page 1 for finish suffix

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

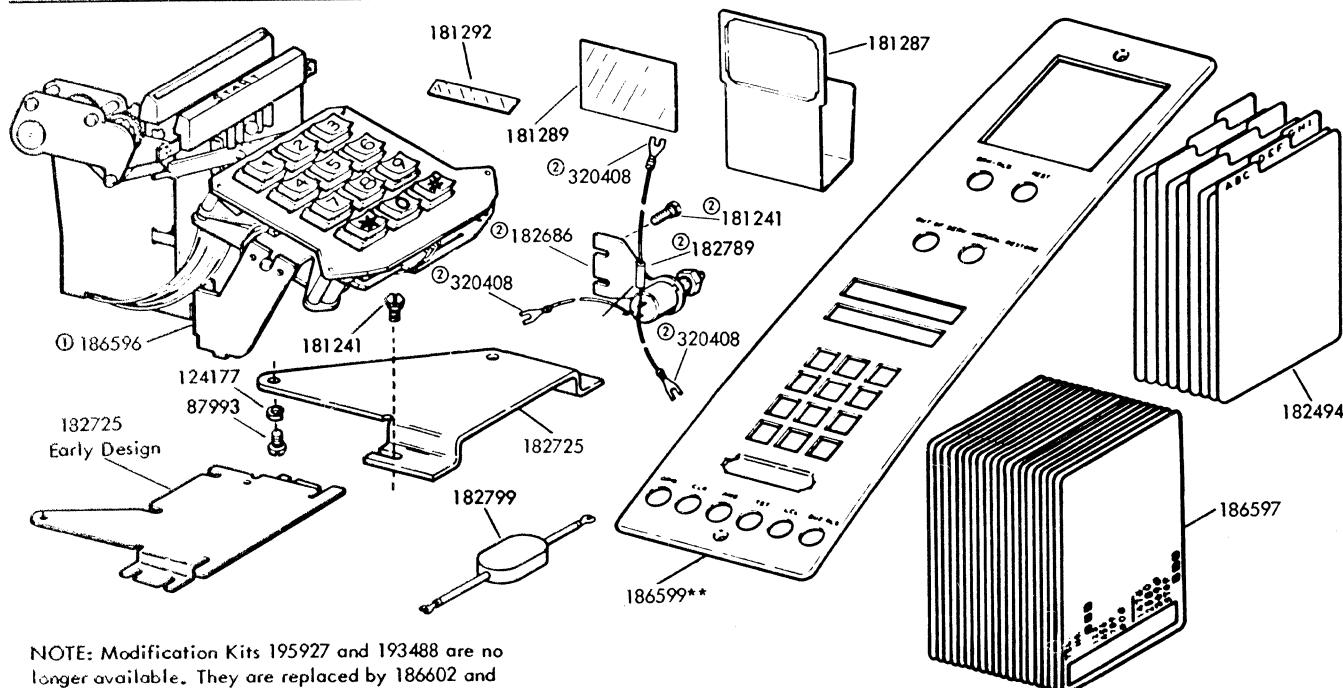


EARLY DESIGN

Manual 10-button
TOUCH-TONE and Card Dial

Part of 195927 (less Dialer) and 193488 (with Dialer)
Modification Kits (Specification 50140S)

① Peculiar to 193488
② Part of 182686
③ Supplied as part of faceplate
or can be ordered separately



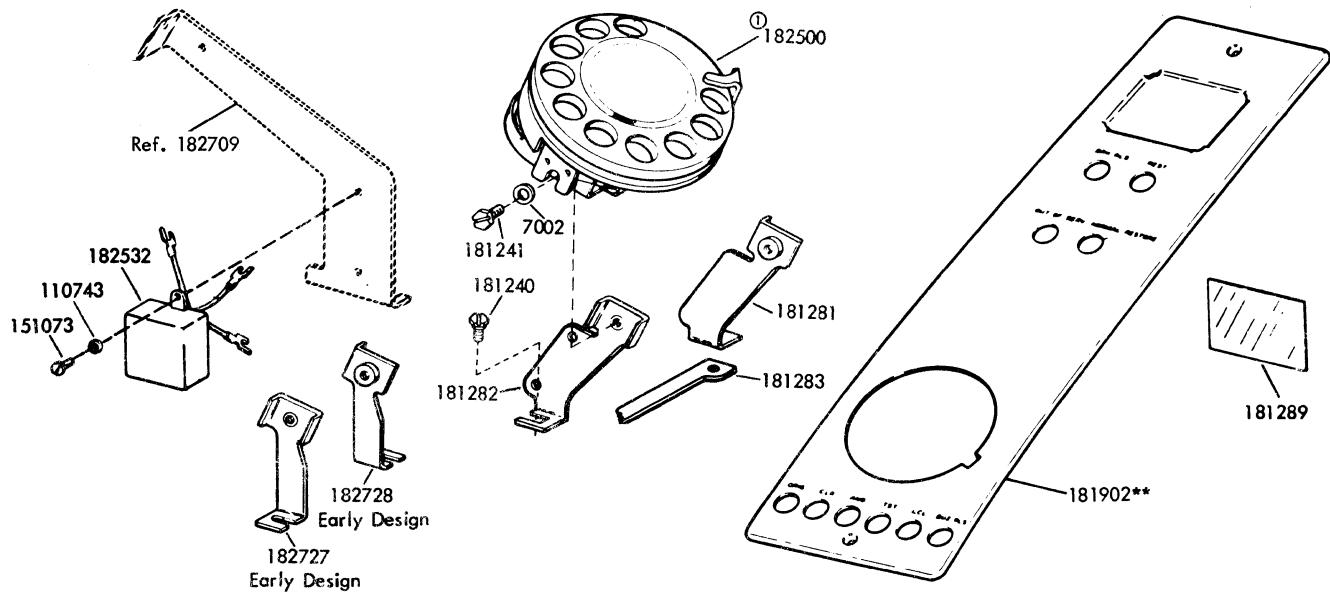
NOTE: Modification Kits 195927 and 193488 are no longer available. They are replaced by 186602 and 186603, respectively.

Manual 12-button
TOUCH-TONE and Card Dial

Part of 186602 (less Dialer) and 186603 (with Dialer)
Modification Kits (Specification 50140S)

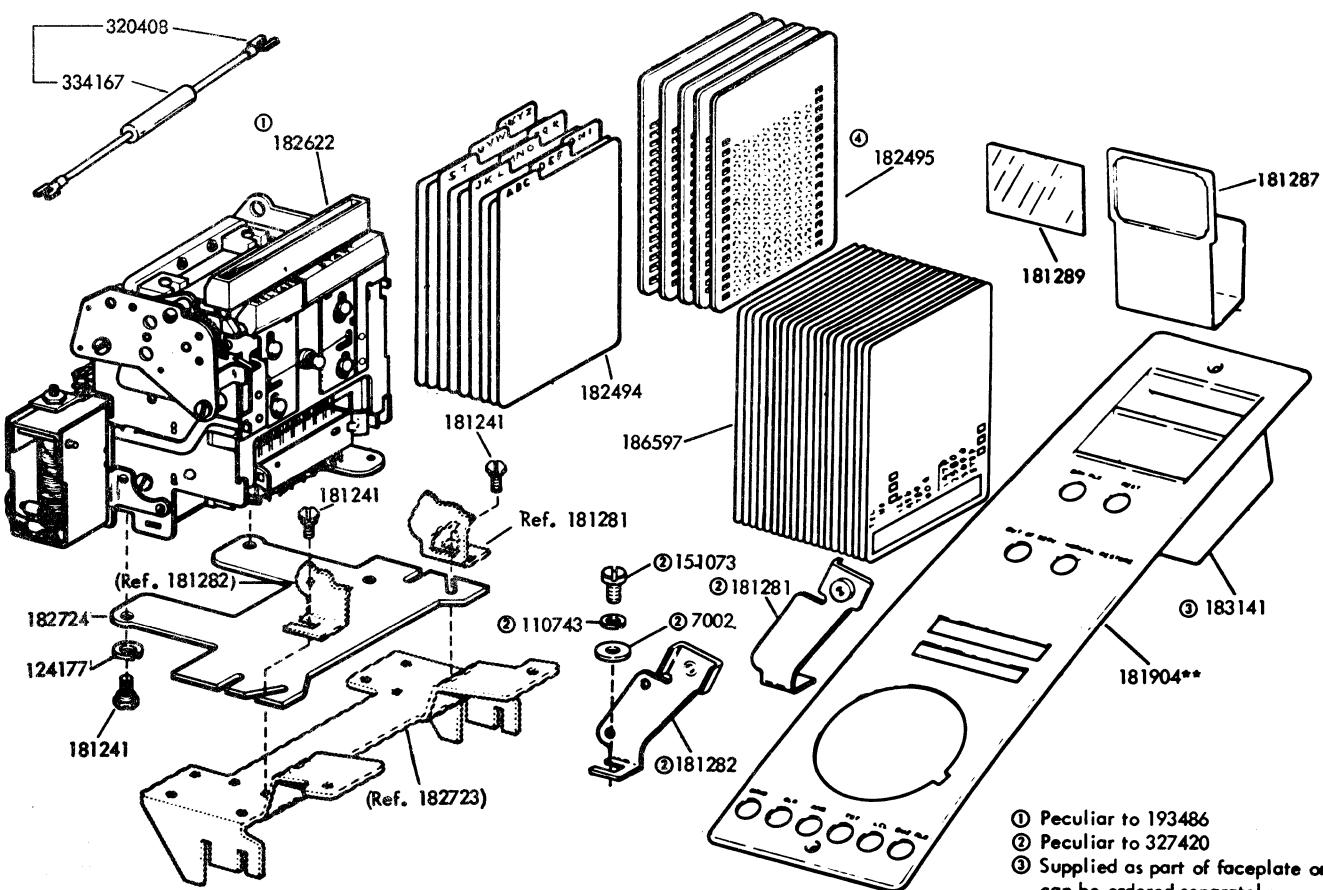
① Peculiar to 186603
② Part of 182686
**Refer to page 1 for finish suffix

FIGURE 19. 186602 AND 186603 DIAL MODIFICATIONS



Rotary Dial Part of 193489 (with Dialer) and 195926 (less Dialer)
Modification Kits (Specification 50156S)

① Peculiar to 193489



DC Card Dial Part of 193486 (with Dial) and 195924 (less Dial)
Modification Kits (Specification 50164S) and
327420 (less Dial) Modification Kit (Specification 50156S)

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

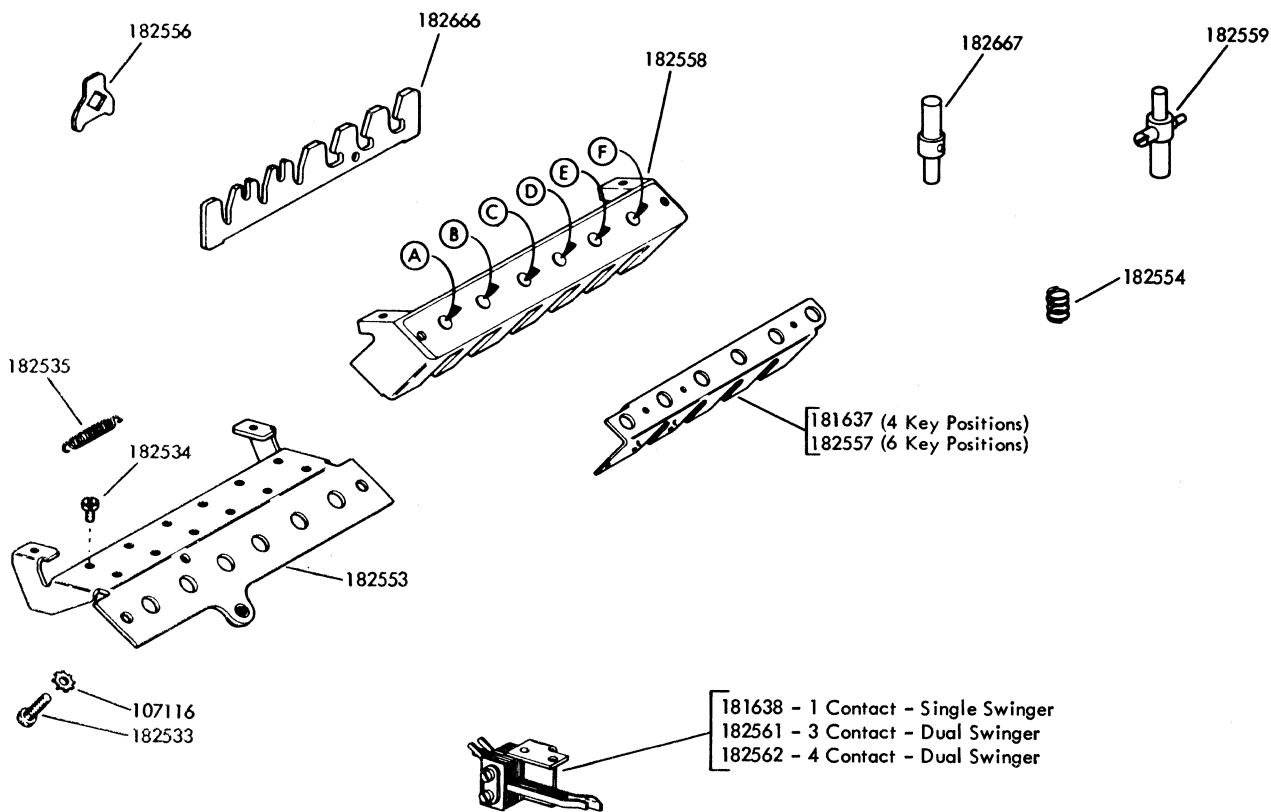
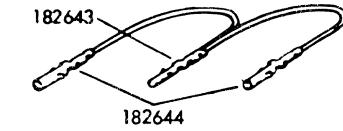
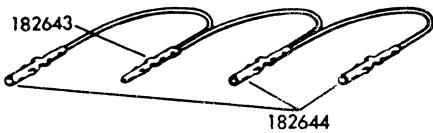
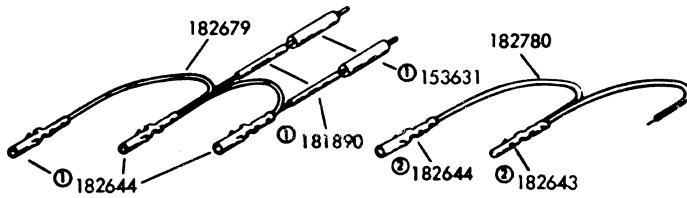


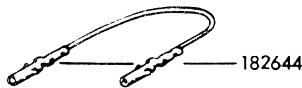
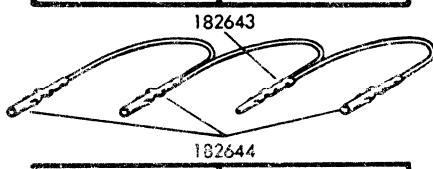
FIGURE 21. KEY ASSEMBLIES



PART NO.	COLOR
181827	W-BK
181828	W-O
181829	W-BL

PART NO.	COLOR
182784	W-O
182785	W-BL

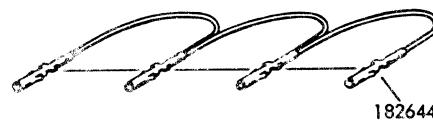
PART NO.	COLOR
182786	W-BR
182787	W-Y
182788	W-P



PART NO.	COLOR
181830	W-Y
181831	W-P
181832	W-BR

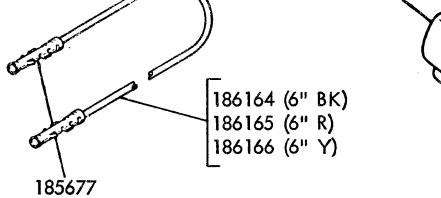
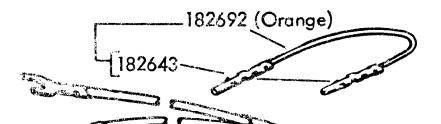
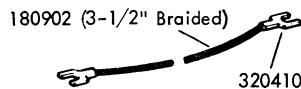
PART NO.	COLOR
180886	G
180887	R
180888	BL
180889	Y
180890	W
180893	R-O
180894	W-BL
180895	W-G
180896	W-Y
180897	W-O
180898	W-R
180899	W-P
180900	O
181837	BK

PART NO.	COLOR
182781	W-R
182782	W-G
182783	W-S
184079	W-R
184080	W-O
184081	W-Y
184082	W-G
184083	W-BL
184084	W-BK



PART NO.	COLOR
180877	W-R
180878	W-O
180879	W-Y
180880	W-G
180881	W-BL
180882	W-BK
180884	W-S

PART NO.	COLOR
182693	O
181836	BL



181826 (2" BK)
113442 (2-1/2" BR)
327326 (2-3/4"G)

91742
103092
125206

Color Abbreviations	
BK = Black	BL = Blue
W = White	S = Slate
R = Red	BR = Brown
G = Green	O = Orange
Y = Yellow	P = Purple

(① Part of 182679

(② Part of 182780

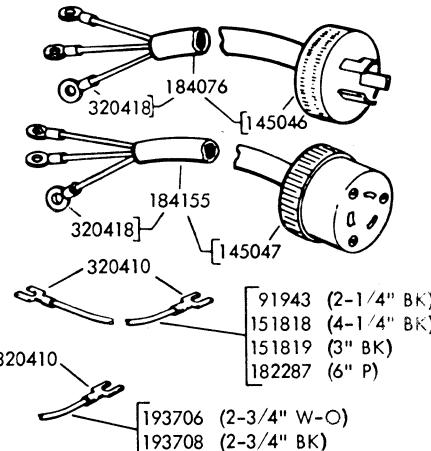


FIGURE 22. POWER CORDS AND JUMPERS

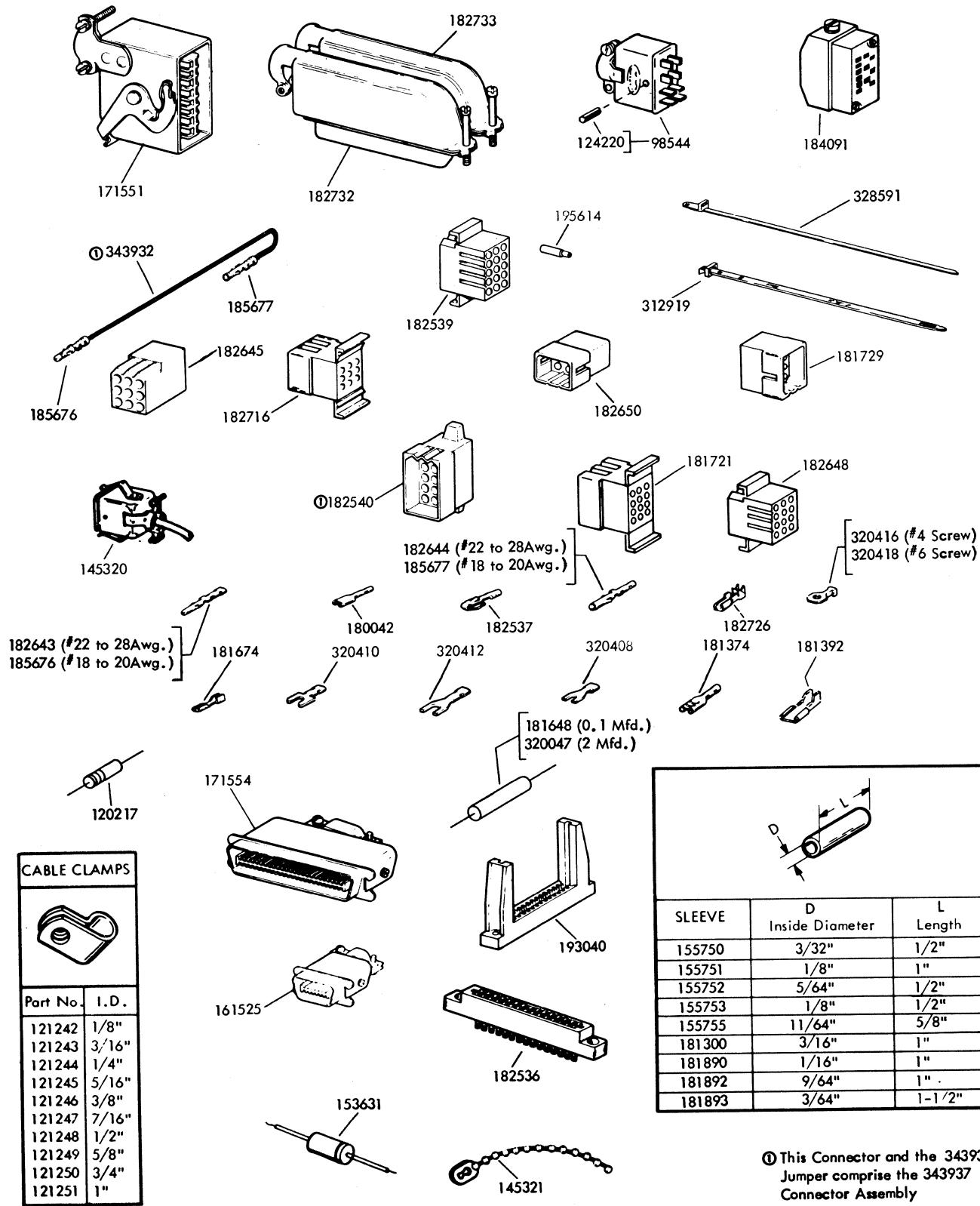


FIGURE 23. CABLE COMPONENTS

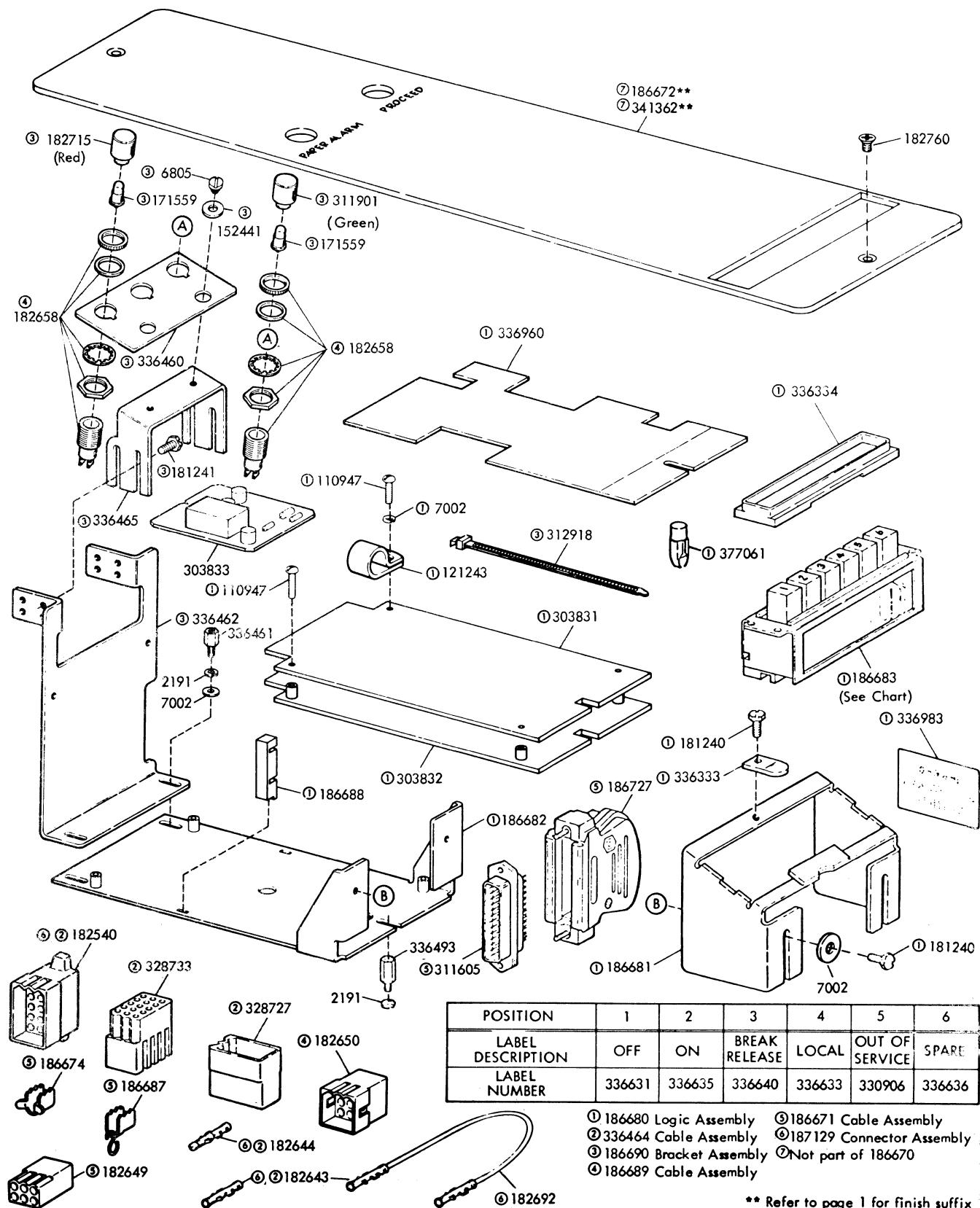


FIGURE 24. 186670 MODIFICATION KIT TO PROVIDE PRIVATE LINE

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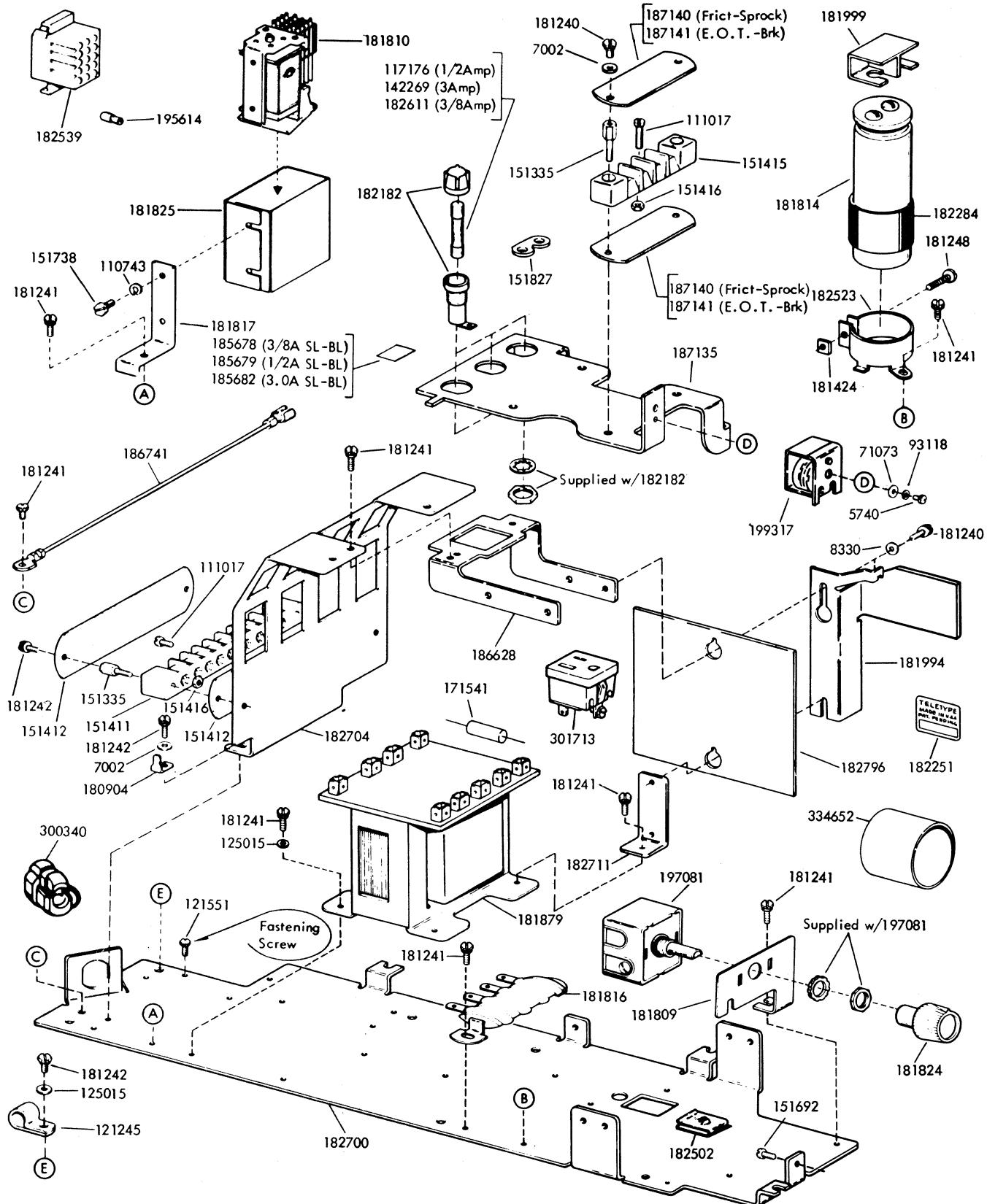


FIGURE 25. BASE PLATE AND ELECTRICAL COMPONENTS FOR PRIVATE WIRE SERVICE

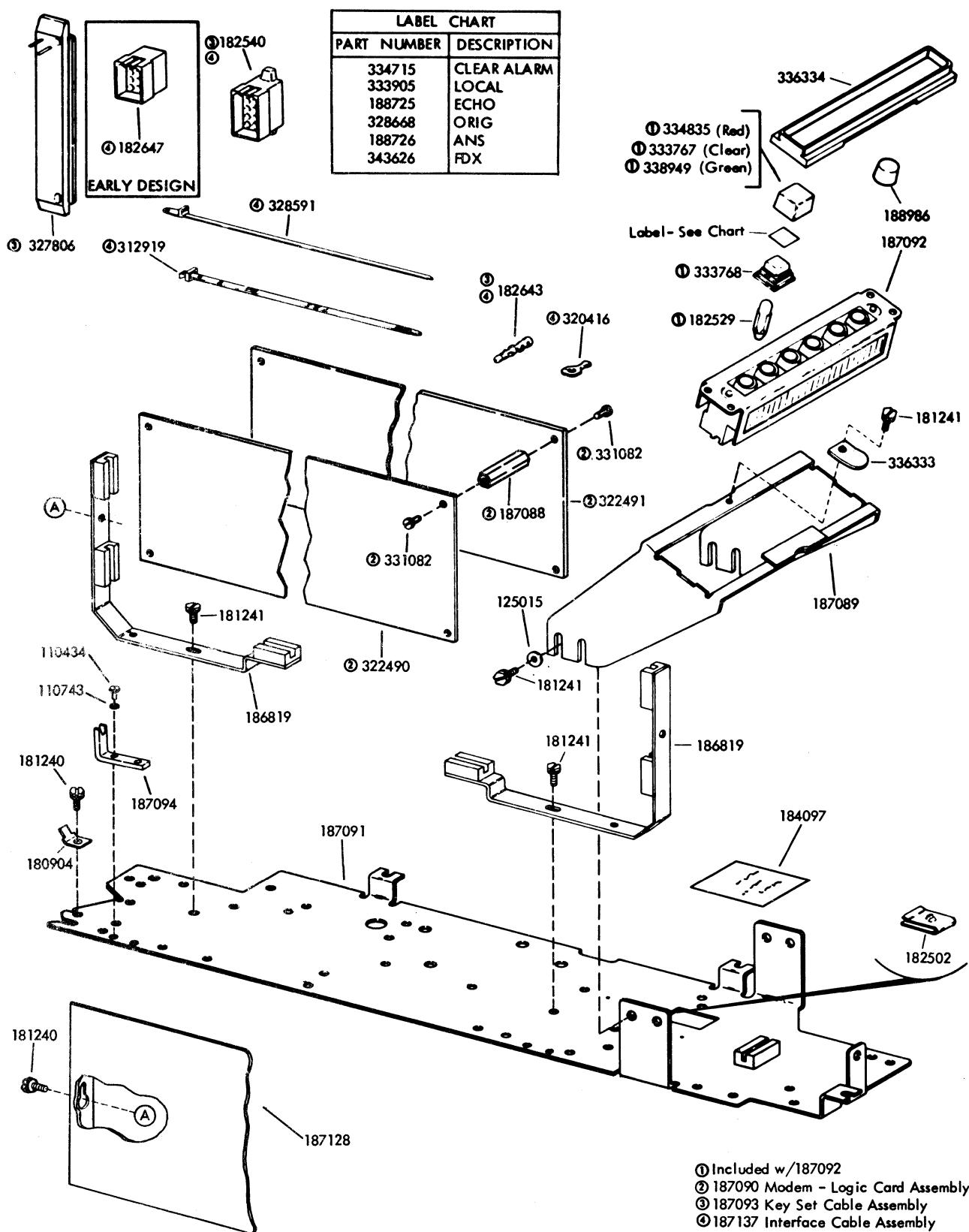


FIGURE 26. CALL CONTROL W/MODEM - LOGIC CARDS

SECTION 574-123-800TC

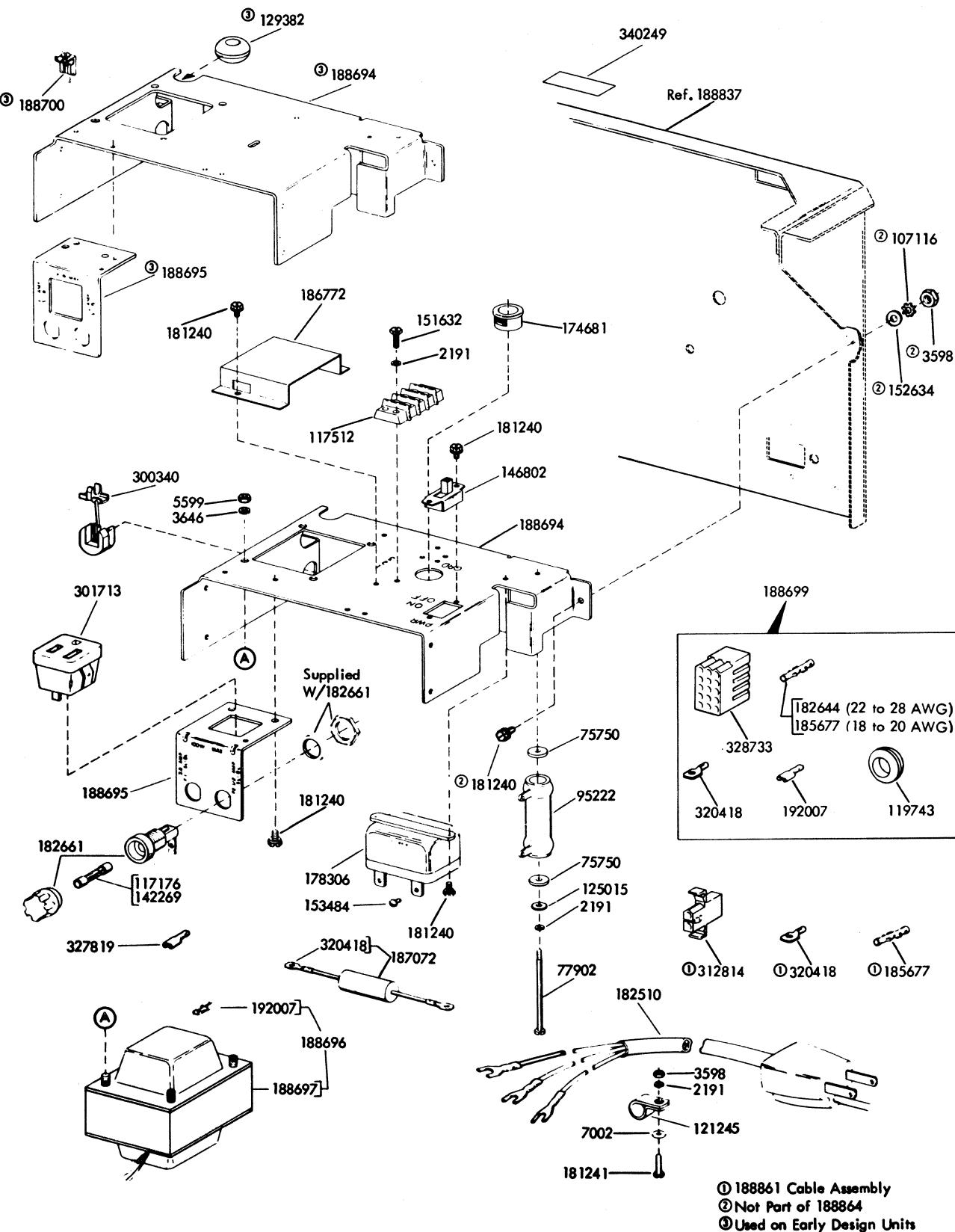


FIGURE 27. 188865 POWER SUPPLY ASSEMBLY

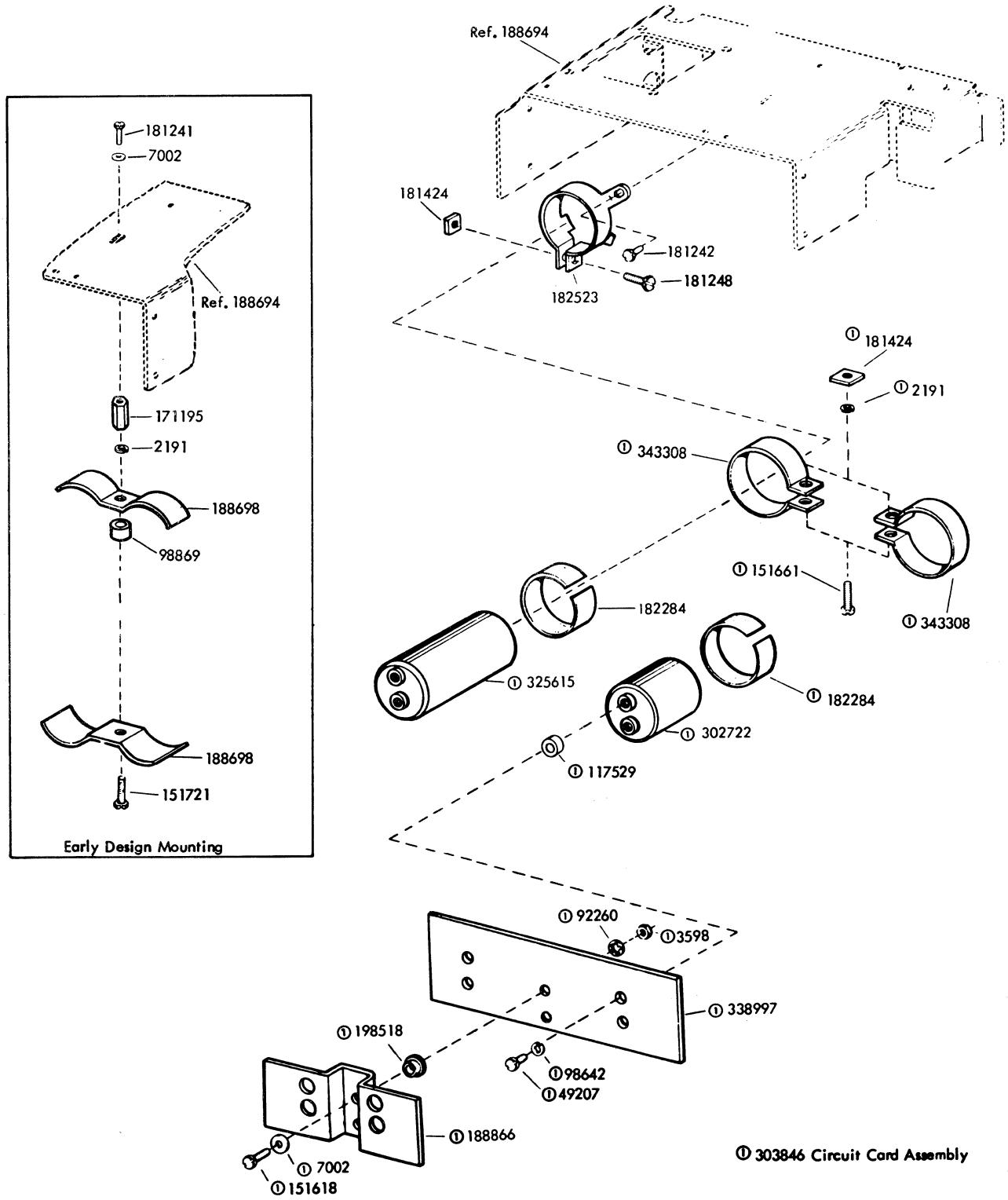


FIGURE 28. 188865 POWER SUPPLY ASSEMBLY (Continued)

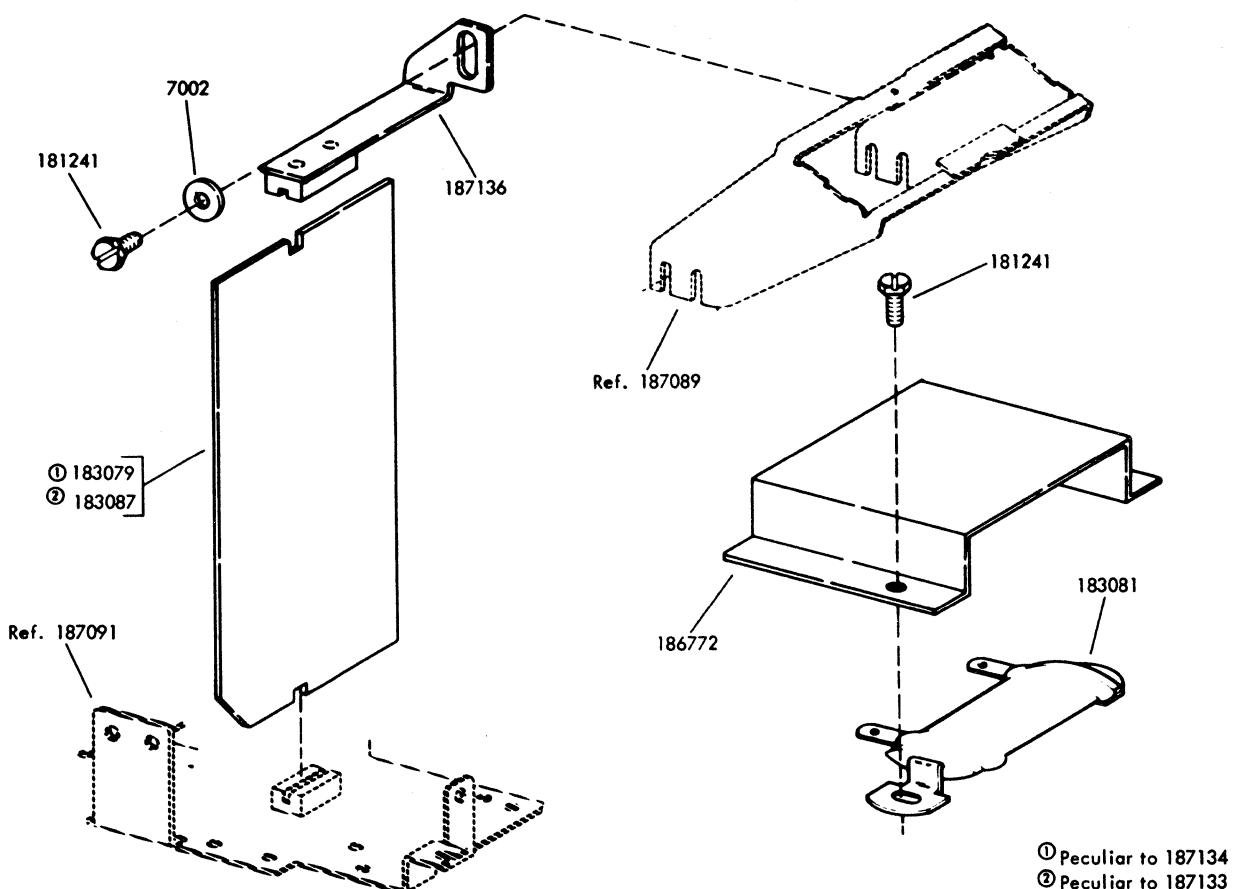


FIGURE 29. 187133 (MANUAL) AND 187134 (AUTOMATIC) READER CARD SET OF PARTS

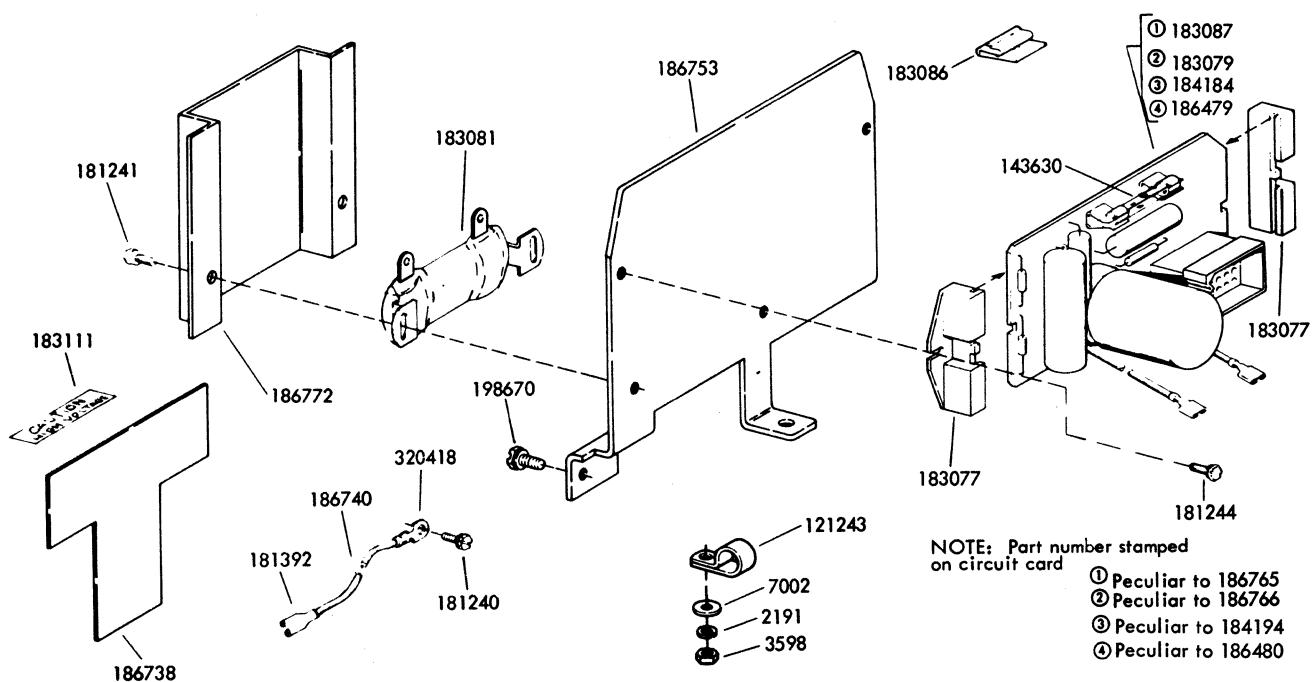


FIGURE 30. 186765 (MANUAL), 186766 (AUTOMATIC), 184194 AND 186480 POWER PACK ASSEMBLIES

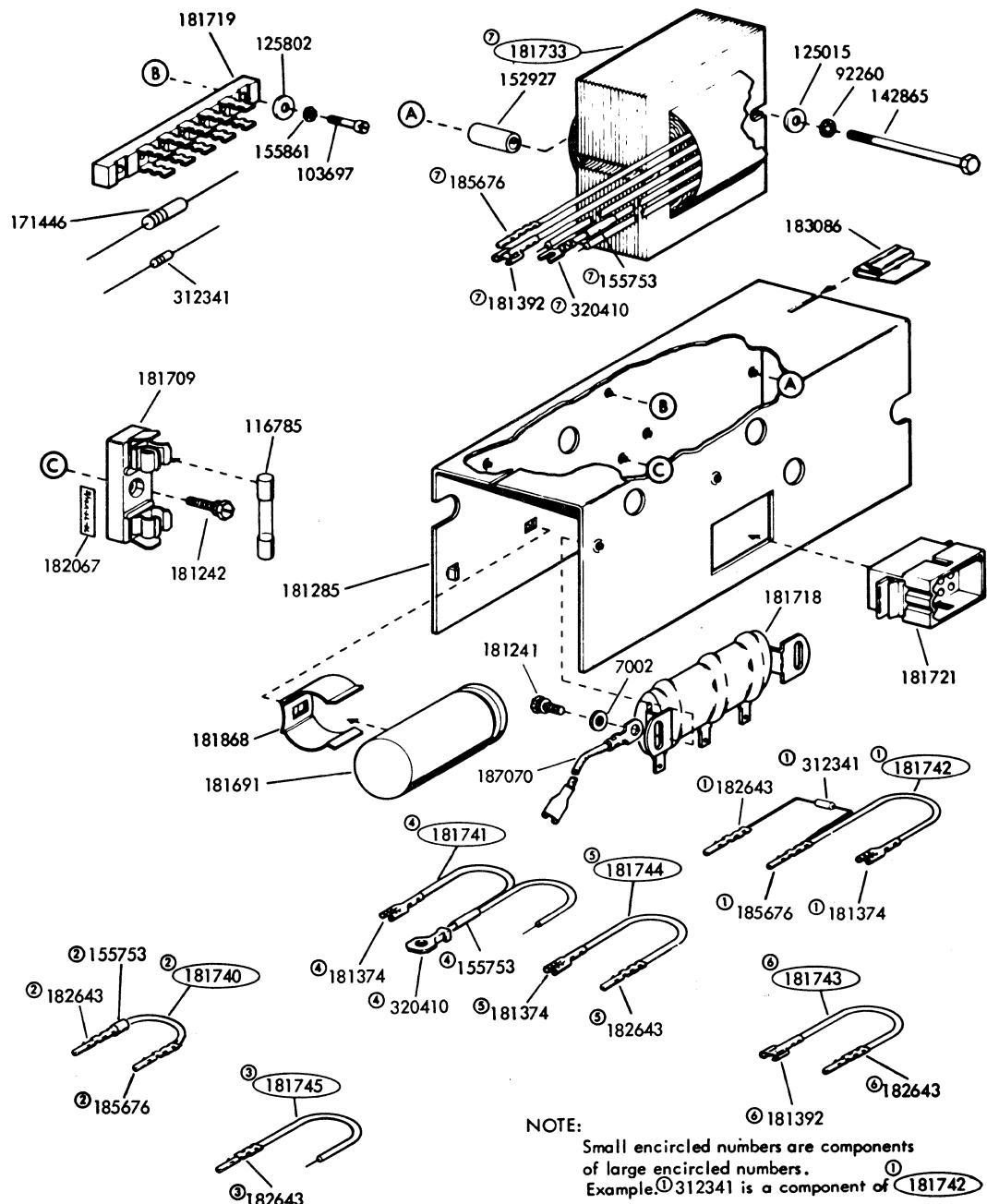


FIGURE 31. 181720 POWER PACK ASSEMBLY

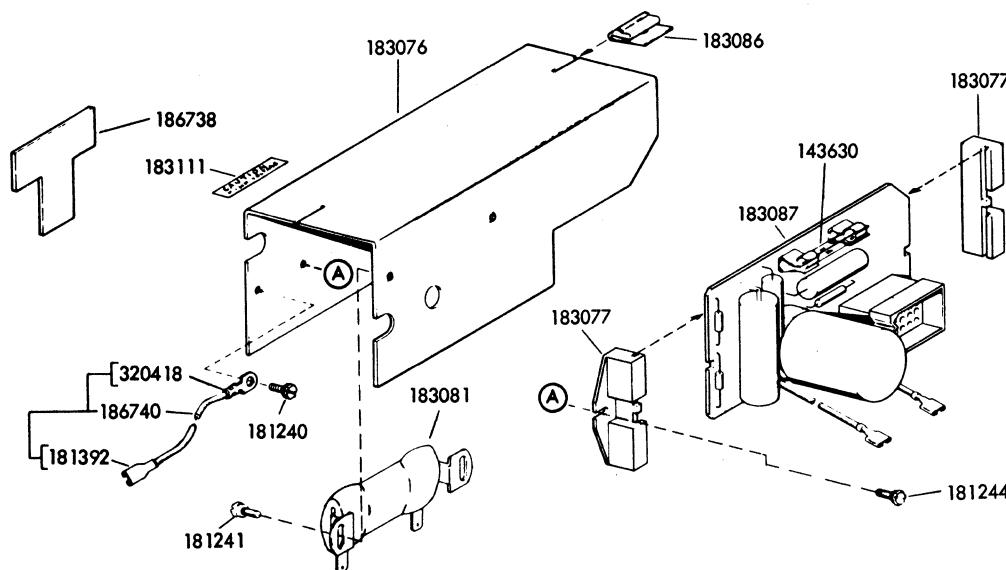


FIGURE 32. 182134 AND 182149 READER POWER PACK ASSEMBLY

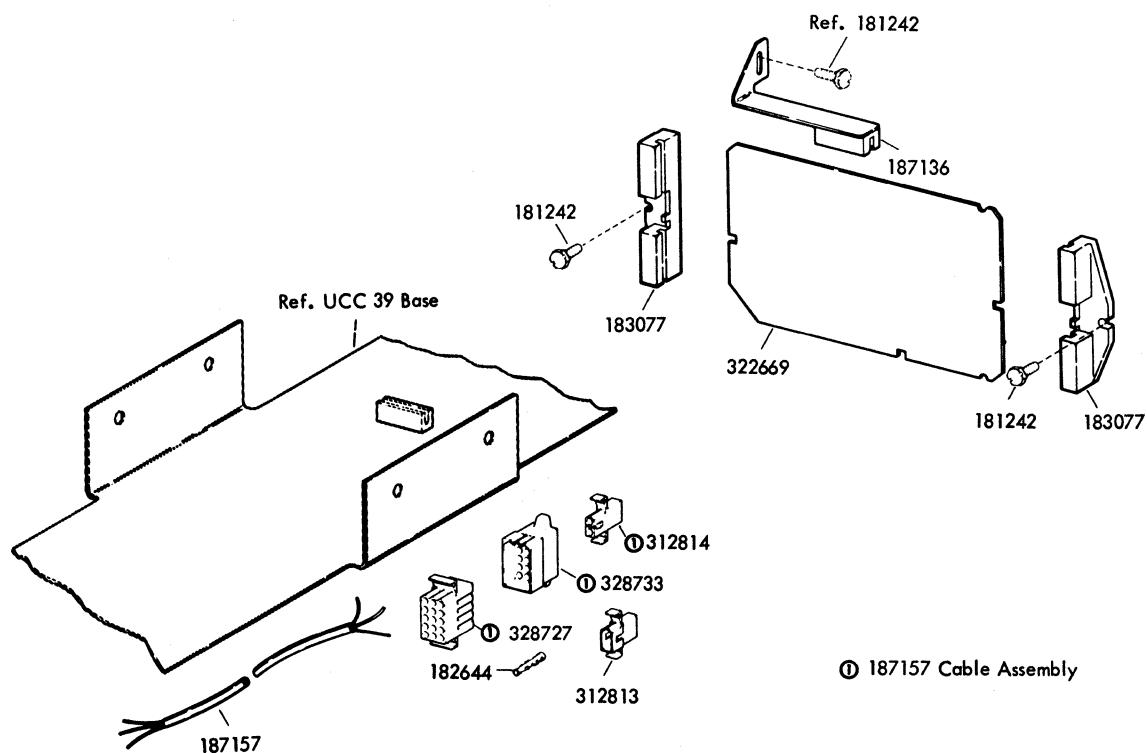


FIGURE 33. 187156 MODIFICATION KIT TO ADD 20/60 MA DC INTERFACE

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
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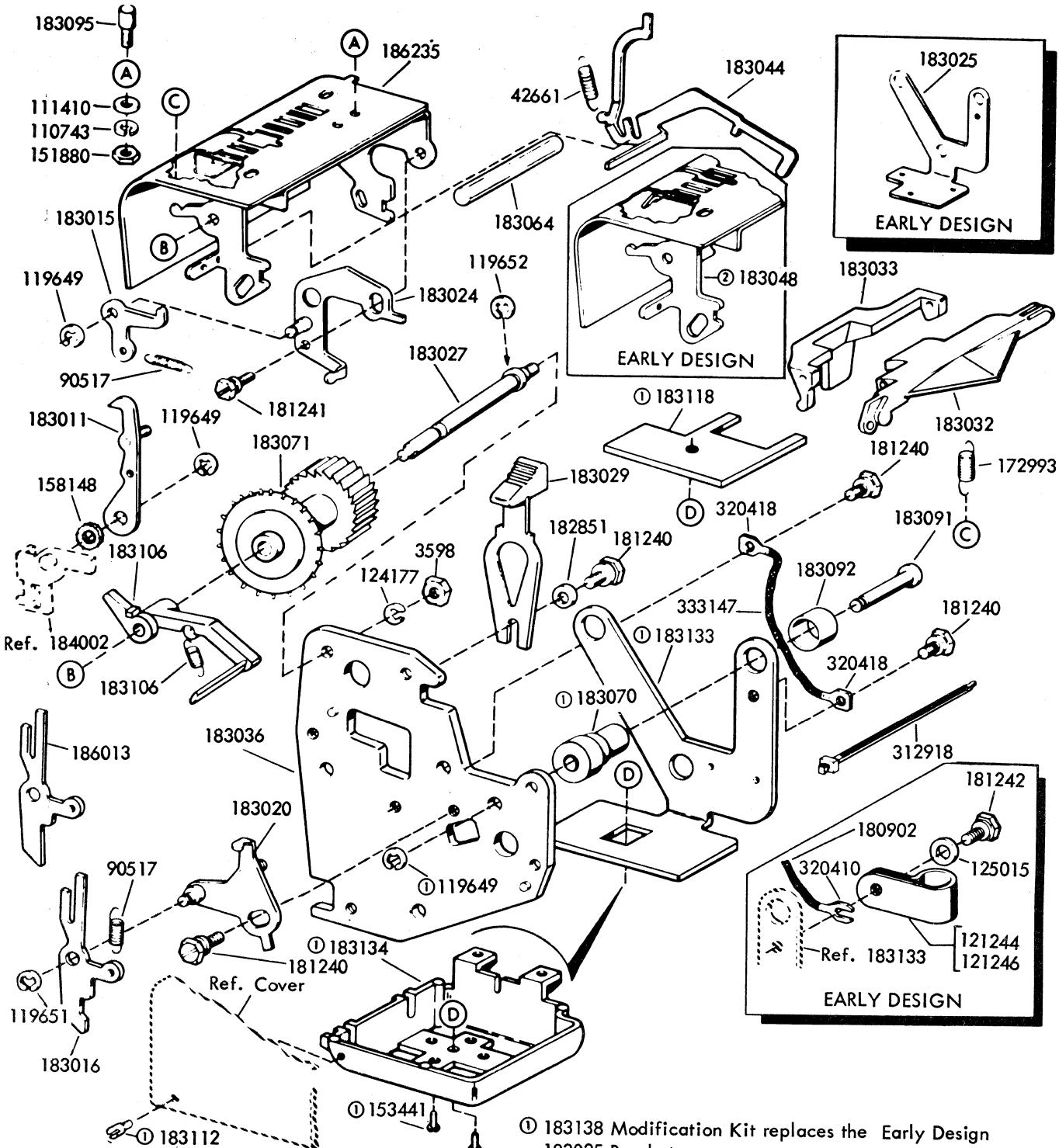
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322490	Card, Circuit 27	330782	Shield, Transformer 4,17	338949	Cap, Green 27
322491	Card, Circuit 27	330793	Transformer 17	338997	Card, Circuit 29
322669	Card, Circuit 32	330796	Transformer 4	340249	Label 13,28
		330906	Label, Out of Service 14,25	341362**	Faceplate 25
		330923	Label, Alarm 14	343308	Clamp 29
		331082	Screw, 4-40 x 3/8 Nylon 27	343470	Label 2,6,8,10,12,18
				343626	Label 27
				343932	Jumper 24
				343937	Connector Assembly 24
				377061	Lamp 25

33 TAPE READER (UX)

PARTS

FIGURE	CONTENTS	PAGE
1	Reader Mechanism	2
2	Contact Block	3
3	Tape Feed Magnet	4
4	Reed Switch and Magnet Core	4
	Numerical Index	5

SECTION 574-124-800TC



① 183138 Modification Kit replaces the Early Design 183025 Bracket

② The Early Design Top Plate 183048 is no longer available. Orders received for the 183048 Top Plate will be filled with a 186272 Set of Parts consisting of (1) 186235 Top Plate and (8) 186237 Sensing Pins. Early and Late Design Parts are not compatible. Late Design Top Plate must be used with Late Design Sensing Pins.

FIGURE 1. READER MECHANISM

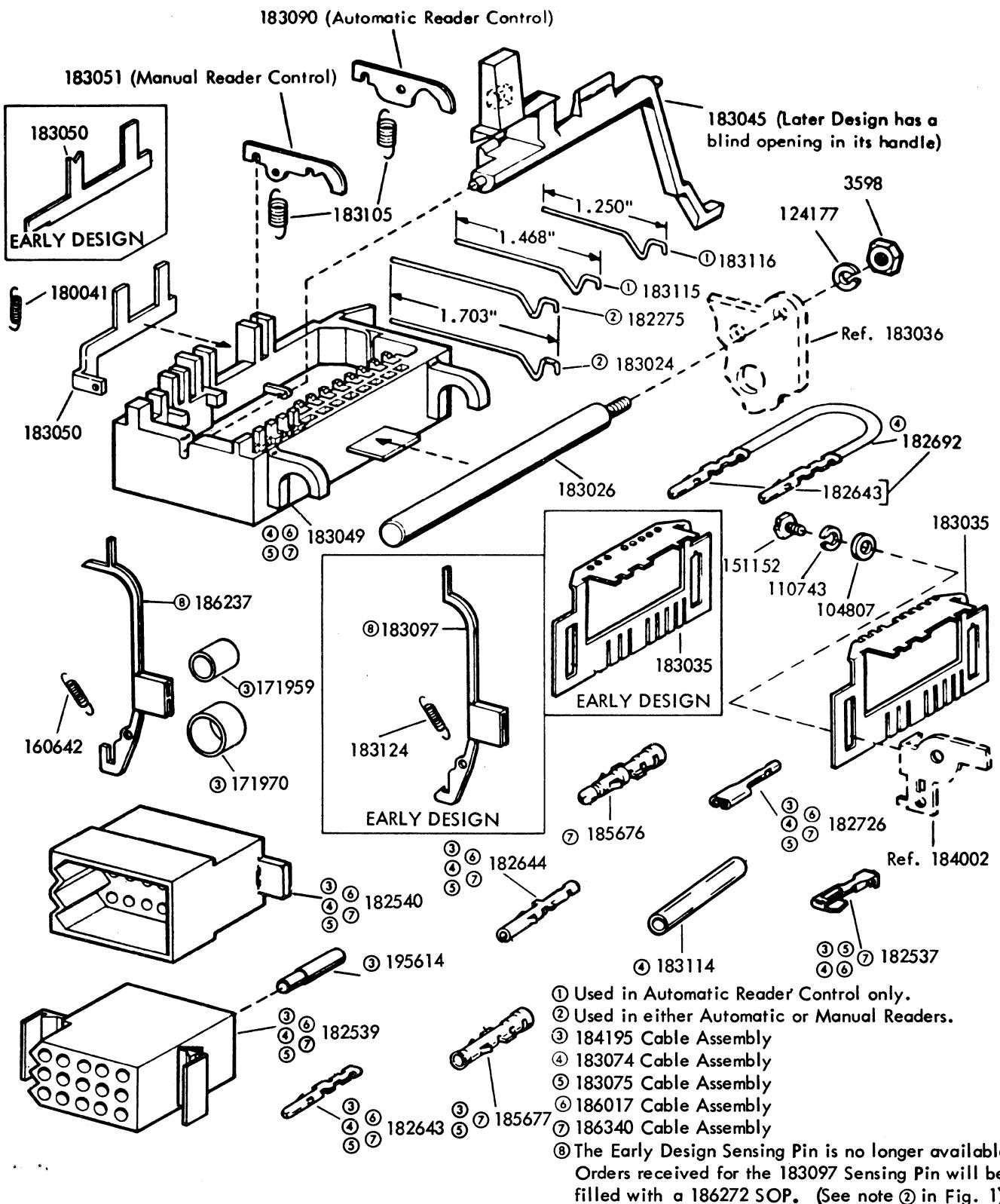


FIGURE 2. CONTACT BLOCK

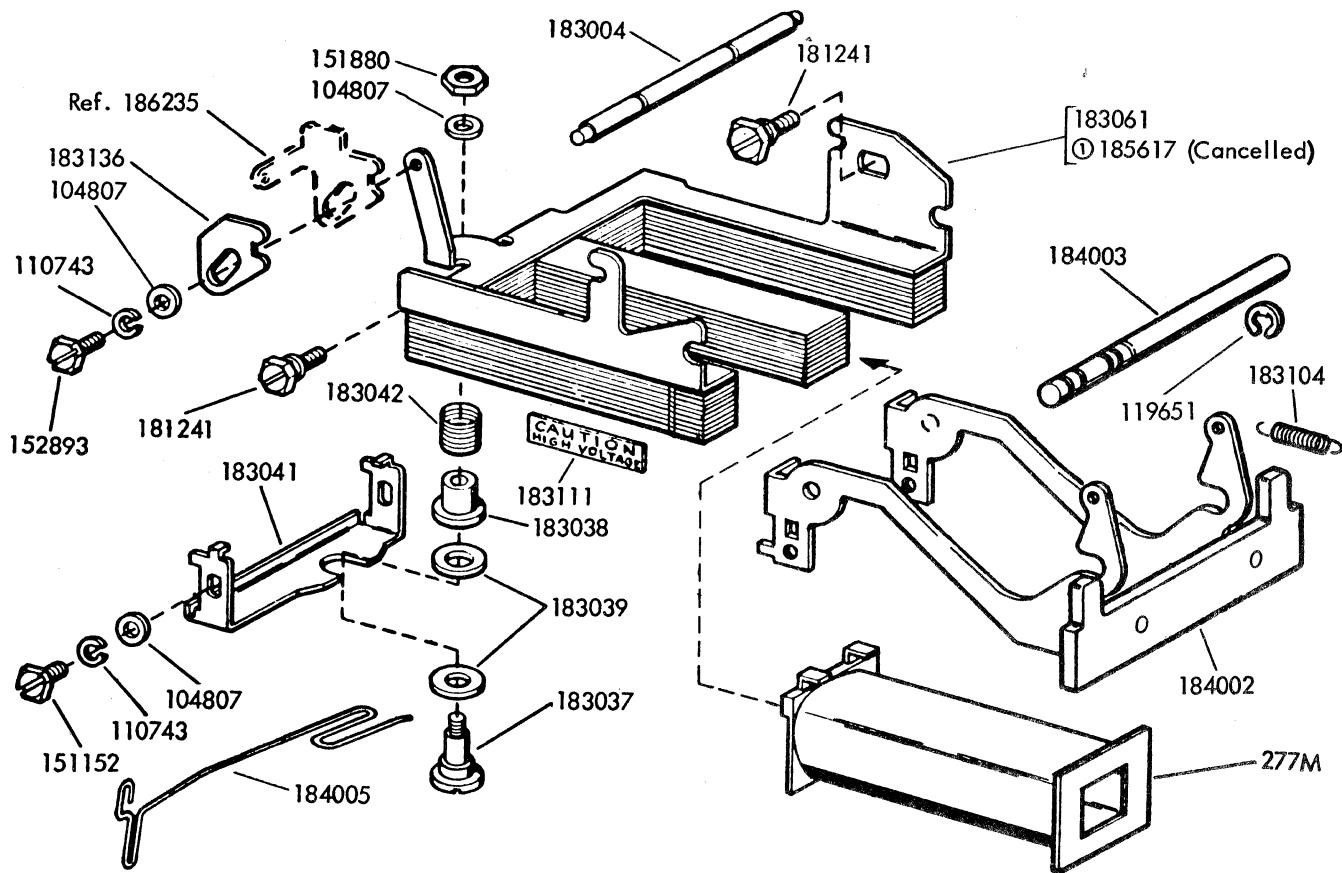


FIGURE 3. TAPE FEED MAGNET

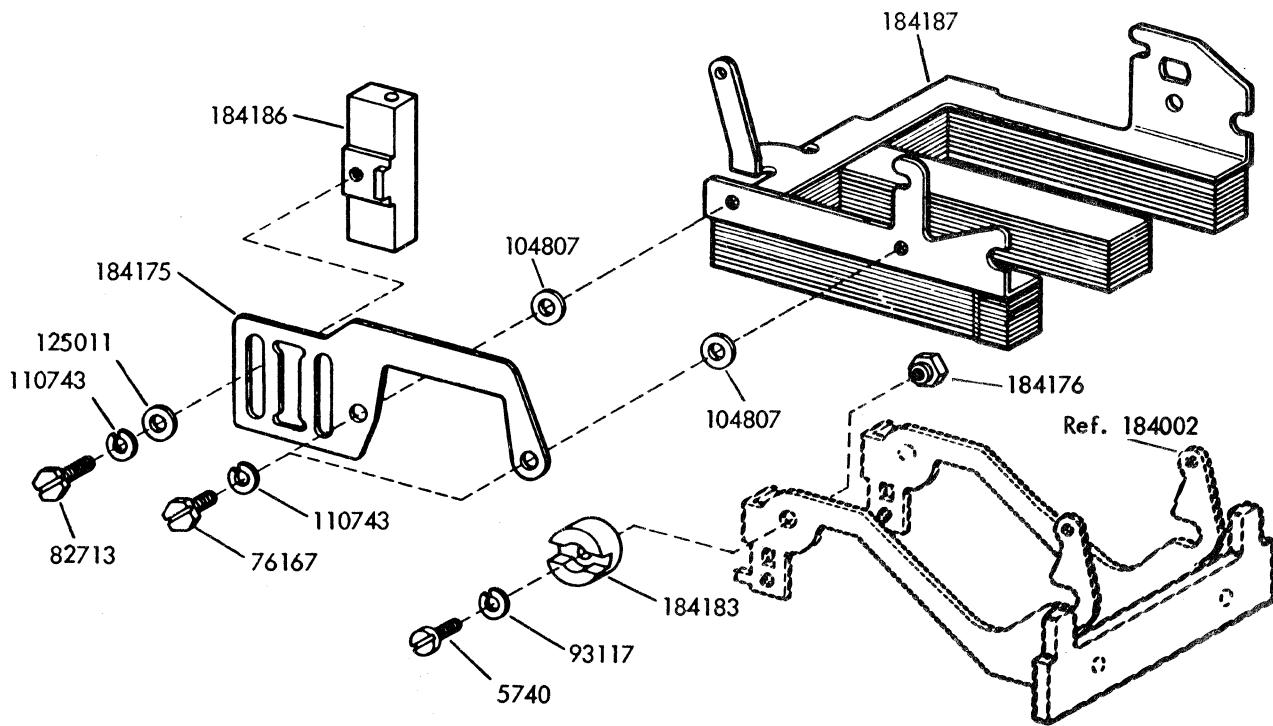


FIGURE 4. REED SWITCH AND MAGNET CORE

NUMERICAL INDEX

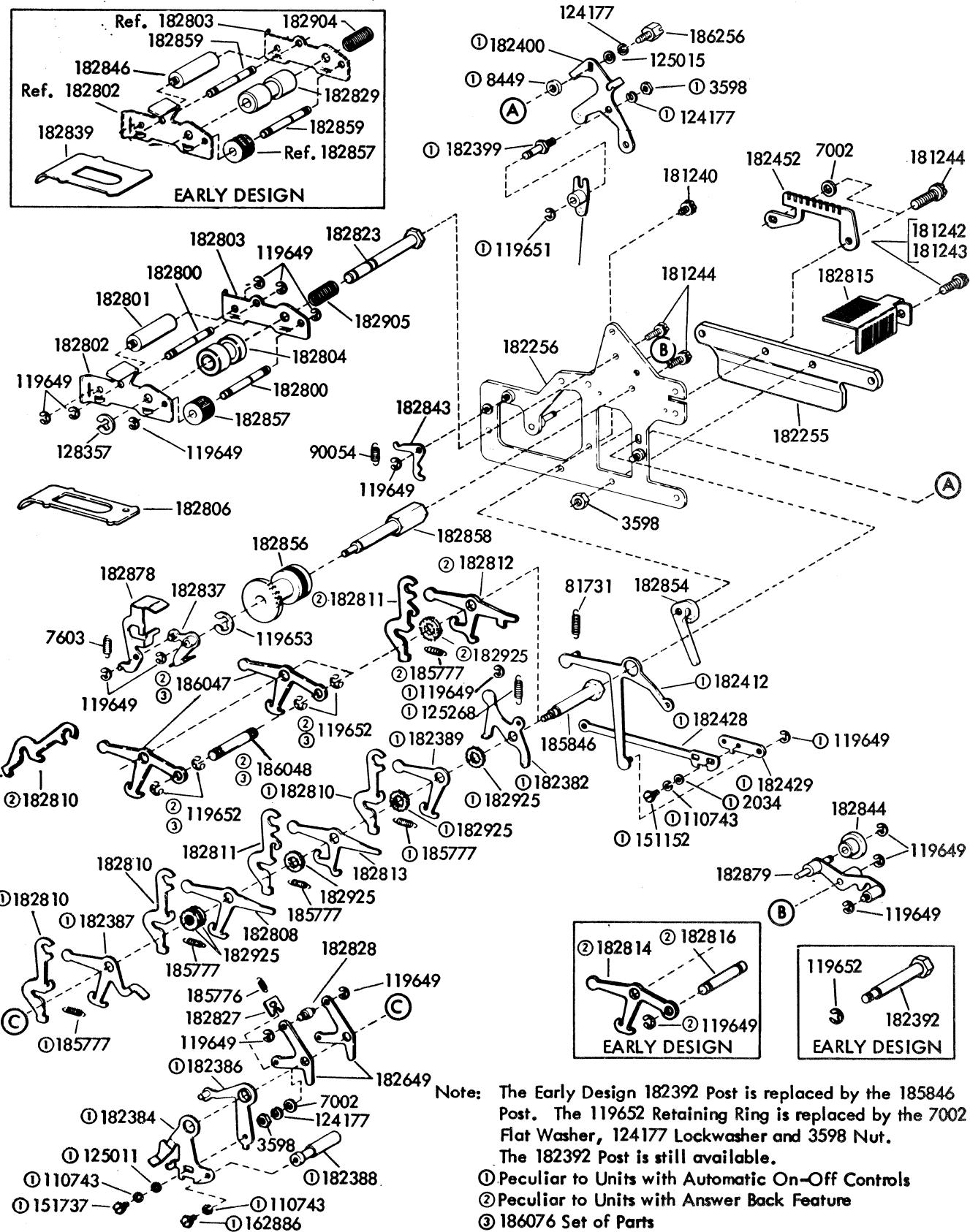
Part Number	Description and Page Number	Part Number	Description and Page Number	Part Number	Description and Page Number
277M	Coil, Magnet 4	182540	Connector, 15 Pt Plug Type 3	183104	Spring 4
3598	Nut, 6-40 Hex 2,3	182643	Terminal, Plug Type 3	183105	Spring 3
5740	Screw, 2-56 x 1/4 Fil 4	182644	Terminal, Receptacle	183106	Spring 2
42661	Spring 2	182692	Type 3	183111	Label 4
76167	Screw, 4-40 x 3/16 Hex 4	182726	Jumper, 2-1/4" Orange 3	183112	Screw, 4-40 x 9/16 Fil 2
82713	Screw, 4-40 x 9/32 Hex 4	182851	Terminal, Receptacle	183114	Sleeve, Insulating 3
90517	Spring 2	183004	Spacer, .062" Thk 2	183115	Wire, Contact 3
93117	Lockwasher 4	183011	Post, Spring 4	183116	Wire, Contact 3
104807	Washer, Flat 3,4	183015	Pawl, Feed 2	183117	Screw, 10-32 x 5/8 Hex 2
110743	Lockwasher 2,3,4	183016	Lever, Detent 2	183118	Plate, Clamp 2
111410	Washer, Flat 2	183020	Pawl, Blocking 2	183124	Spring 3
119649	Ring, Retaining 2	183024	Bracket, Blocking Pawl 2	183133	Bracket 2
119651	Ring, Retaining 2,4	183025	Wire, Contact 2,3	183134	Base 2
119652	Ring, Retaining 2	183026	Bracket 2	183136	Plate 4
121244	Clamp, 1/4 ID Cable 2	183027	Post, Contact Block 3	183138	Modification Kit 2
121246	Clamp, 3/8 ID.Cable 2	183029	Shaft, Feed Wheel 2	184002	Armature 2,3,4
124177	Lockwasher 2,3	183032	Latch, Spring 2	184003	Shaft, Armature 4
125011	Washer, Flat 4	183033	Lid, Tape 2	184005	Clip, Spring 4
125015	Washer, Flat 2	183035	Bail, Tight Tape 2	184101	Plate, Identification 2
151152	Screw, 4-40 x 3/16 Hex 3,4	183036	Guide, Sensing Pin 3	184104	Plate, Identification 2
151880	Nut, 4-40 Hex 2,4	183037	Backplate 2,3	184175	Bracket 4
152893	Screw, 4-40 x 1/4 Hex 4	183038	Screw, 4-40 Shoulder 4	184176	Nut, 2-56 Shoulder Hex 4
153441	Screw, 10-32 x 7/16 Hex 2	183039	Bushing, Upstop 4	184183	Magnet 4
158148	Washer, Felt 2	183041	Buffer, Upstop 4	184186	Switch, Reed 4
160642	Spring 3	183042	Bracket, Upstop 4	184187	Core, Magnet 4
171959	Connector, Blue Shielding 3	183044	Spring, Compression 4	184195	Cable Assembly 3
171970	Connector, Blue Shielding 3	183045	Pin, Tape Out 2	185617	Core, Magnet 4
172993	Spring 2	183048	Lever, Start-Stop 3	185676	Terminal, Plug Type 3
180041	Spring 3	183049	Plate, Top 2	185677	Terminal, Receptacle
180902	Jumper, 3-1/2" Braided 2	183050	Block, Contact 3	186013	Type 3
181240	Screw w/Lockwasher, 6-40 x 3/16 Hex 2	183051	Bar, Common 3	186017	Pawl, Blocking 2
181241	Screw w/Lockwasher, 6-40 x 1/4 Hex 2,4	183061	Lever, Detent 3	186235	Cable Assembly 3
181242	Screw w/Lockwasher, 6-40 x 5/16 Hex 2	183064	Core, Magnet 4	186237	Plate, Top 2,4
181991	Plate, Identification 2	183070	Insulator, Tape Out Pin 2	186272	Pin, Sensing 2,3
182251	Plate, Identification 2	183071	Grommet, Rubber 2	186340	Set of Parts 2,3
182275	Wire, Contact 3	183074	Wheel, Feed 2	195614	Cable Assembly 3
182537	Terminal, Tab Type 3	183075	Cable Assembly 3	312918	Pin, Key 3
182539	Connector, 15 Pt Receptacle Type 3	183090	Lever, Detent 3	320410	Strap 2
		183091	Post 2	320418	Terminal, Spade Type 2
		183092	Cup 2	333147	Terminal, Ring Type 2
		183095	Stud, Tape Guide 2		Jumper, 1-3/4" Braided 2
		183097	Pin, Sensing 3		

33 TAPE PUNCH (UPE)

PARTS

FIGURE	CONTENTS	PAGE
1	Punch Mechanism	2
2	Punch Mechanism (Continued)	3
3	Punch Mechanism (Continued)	4
4	Power Bail Mechanisms	5
	Numerical Index	6

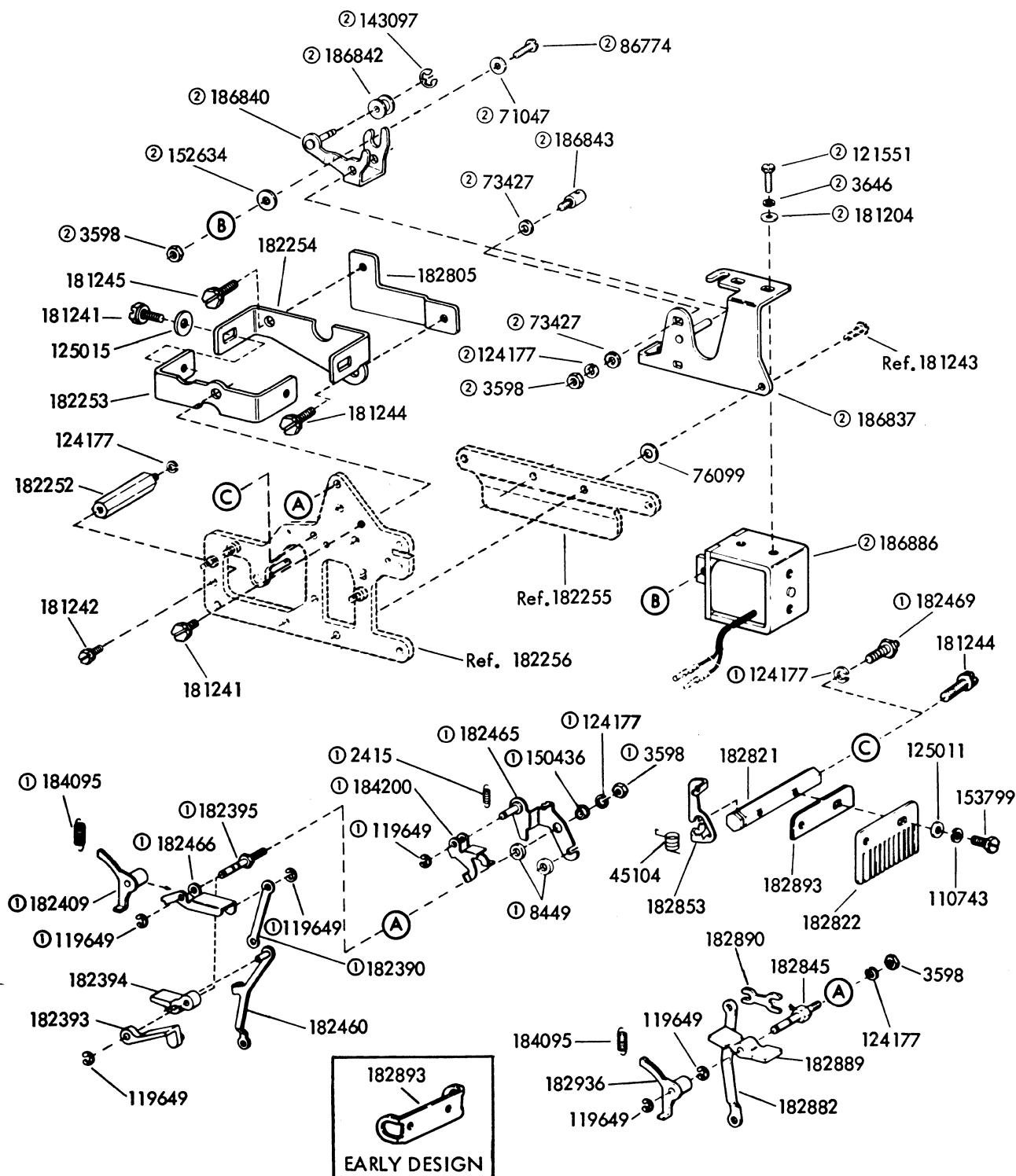
SECTION 574-125-800TC



Note: The Early Design 182392 Post is replaced by the 185846 Post. The 119652 Retaining Ring is replaced by the 7002 Flat Washer, 124177 Lockwasher and 3598 Nut. The 182392 Post is still available.

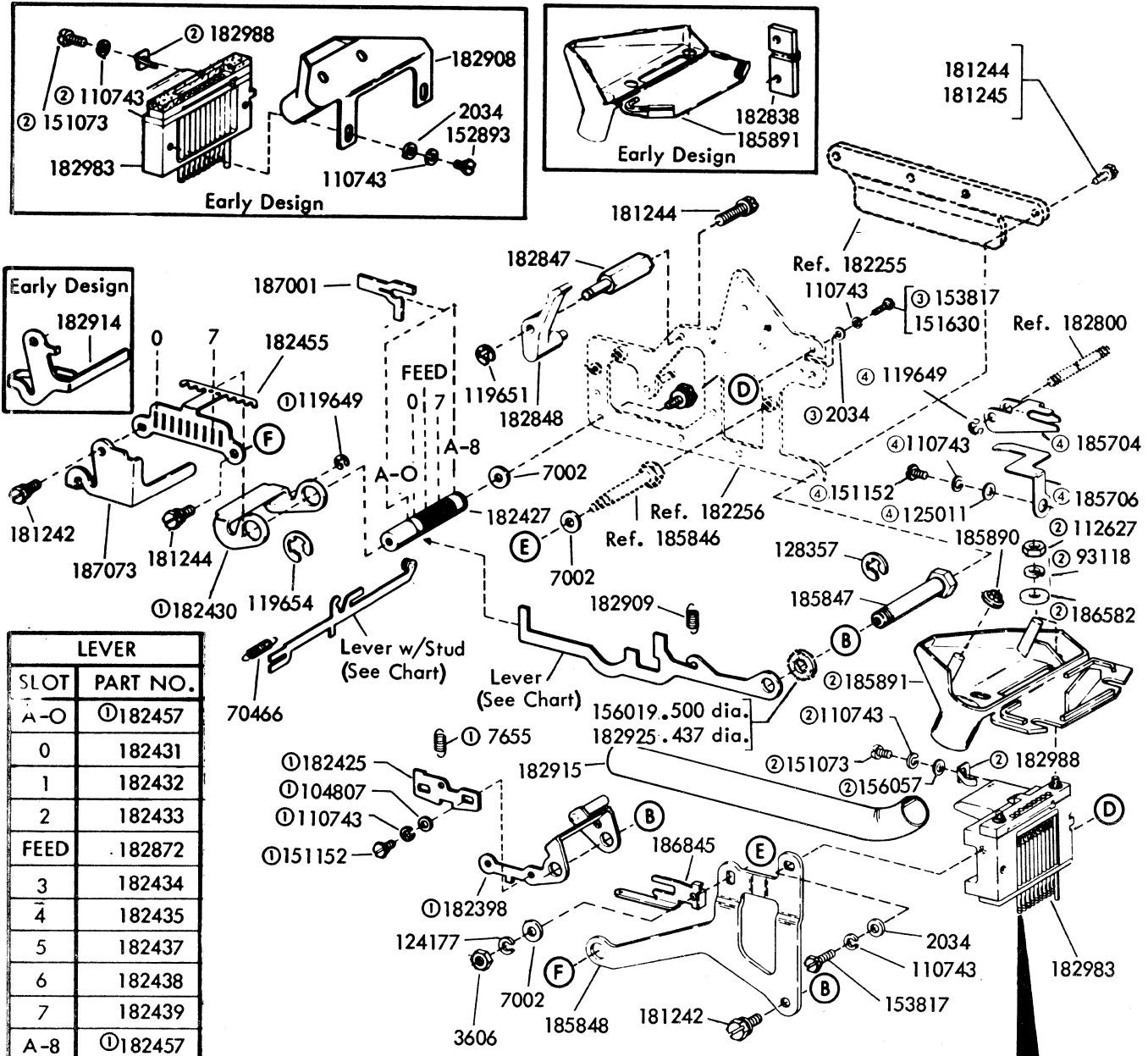
- ① Peculiar to Units with Automatic On-Off Controls
- ② Peculiar to Units with Answer Back Feature
- ③ 186076 Set of Parts

FIGURE 1. PUNCH MECHANISM



① Peculiar to Units with Automatic ON-OFF Controls
 ② 186799 Solenoid Assembly

FIGURE 2. PUNCH MECHANISM (Continued)



LEVER W/STUD		LEVER W/STUD	
SLOT	PART NO.	SLOT	PART NO.
0	182862	1	①182403
1-8	182884	2	①182402
2-8	182885	3	①182404
3	182864	4	①182864
4-8	182886	5	①182406
6	182887	6	①182887
5	182861	7	①182861
7	182888	8	①182888

NOTE: "Due to special assembly processes, it is recommended that the Teletype Product Service Organization be contacted to determine if part replacement or repair is possible on this portion of the Punch Block Assembly."

NOTE: Early and Later Design Punch Block Assemblies are interchangeable; however, the 182908 Chad Chute can only be used on the Early Design and the 185891 can only be used on the Later Design.

- ① Peculiar to units with Automatic On-Off Controls
 - ② Supplied with 182983
 - ③ Peculiar to units with Manual On-Off Controls
 - ④ 185705 Modification Kit to provide a guide for Fan Fold Tape

FIGURE 3. PUNCH MECHANISM (Continued)

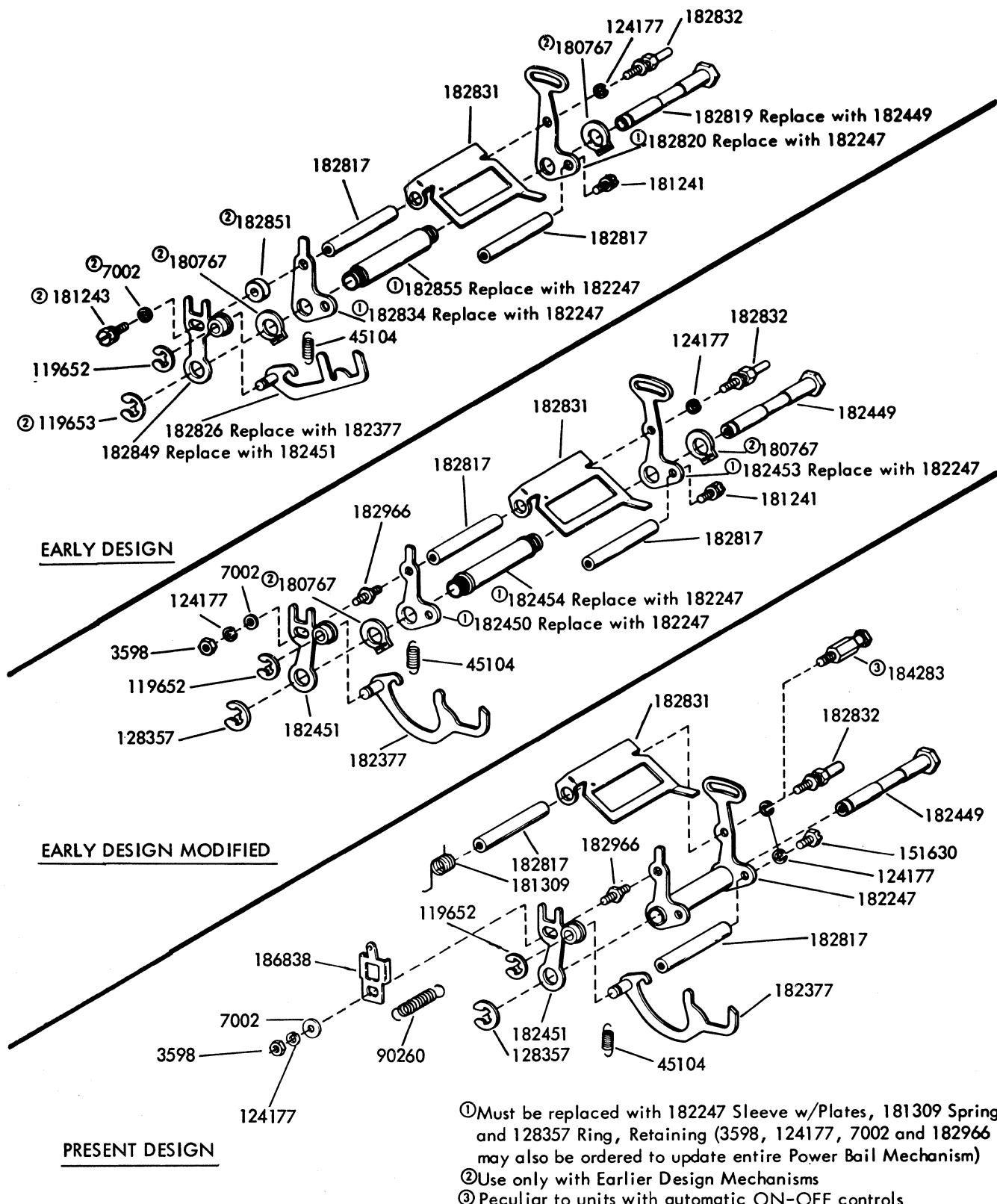


FIGURE 4. POWER BAIL MECHANISMS

NUMERICAL INDEX

Part Number	Description and Page Number	Part Number	Description and Page Number	Part Number	Description and Page Number
2034	Washer, Flat 2,4	181204	Washer, Flat 3	182434	Lever 4
2415	Spring 3	181240	Screw w/Lockwasher, 6-40 x 3/16 Hex 2	182435	Lever 4
3598	Nut, 6-40 Hex 2,3,5	181241	Screw w/Lockwasher, 6-40 x 1/4 Hex 3,5	182437	Lever 4
3606	Nut, 6-40 Hex 4	181242	Screw w/Lockwasher, 6-40 x 5/16 Hex 2,3,4	182438	Lever 4
3646	Lockwasher 3	181243	Screw w/Lockeasher, 6-40 x 3/8 Hex 2,3,5	182439	Lever 4
7002	Washer, Flat 2,4,5	181244	Screw w/Lockwasher, 6-40 x 7/16 Hex 2,3,4	182449	Post 5
7603	Spring 2	181245	Screw w/Lockwasher, 6-40 x 1/2 Hex 3,4	182450	Plate 5
7655	Spring 4	181309	Spring, Torsion 5	182451	Plate w/Bushing 5
8449	Spacer, 0.094" Thk 2,3	182247	Sleeve w/Plates 5	182452	Guideplate 2
45104	Spring 3,5	182252	Post 3	182453	Plate 5
70466	Spring 4	182253	Bracket 3	182454	Sleeve 5
71047	Washer, Flat 3	182254	Bracket 3	182455	Bracket 4
73427	Washer, Flat 3	182255	Spacer 2,3,4	182457	Lever 4
76099	Washer, Flat 3	182256	Plate 2,3,4	182460	Link 3
81731	Spring 2	182377	Pawl w/Stud 5	182465	Bracket 3
86774	Screw, 6-40 Shoulder 3	182382	Lever 2	182466	Lever w/Post 3
90054	Spring 2	182384	Lever 2	182469	Post, Spring 3
90260	Spring 5	182386	Lever 2	182649	Connector, 6 Pt
93118	Lockwasher 4	182387	Lever 2		Receptacle Type 2
104807	Washer, Flat 4	182388	Post 2	182800	Post 2,4
110743	Lockwasher 2,3,4	182389	Lever 2	182801	Roller 2
112627	Nut, 2-56 Hex 4	182390	Link 3	182802	Bracket 2
119649	Ring, Retaining 2,3,4	182392	Post 2	182803	Plate 2
119651	Ring, Retaining 2,4	182393	Lever 3	182804	Sleeve 2
119652	Ring, Retaining 2,5	182394	Lever 3	182805	Plate 3
119653	Ring, Retaining 2,5	182395	Post 3	182806	Plate 2
119654	Ring, Retaining 4	182398	Bail w/Post 4	182808	Lever 2
121551	Screw, 8-32 x 1/4 Hex 3	182399	Post, Eccentric 2	182810	Pawl 2
124177	Lockwasher 2 to 5	182400	Plate w/Stud 2	182811	Pawl 2
125011	Washer, Flat 2,3,4	182402	Lever w/Stud 4	182812	Lever 2
125015	Washer, Flat 2,3	182403	Lever w/Stud 4	182813	Lever 2
125268	Spring 2	182404	Lever w/Stud 4	182814	Lever 2
128357	Ring, Retaining 2,4,5	182406	Lever w/Stud 4	182815	Bracket 2
143097	Ring, Retaining 3	182409	Arm w/Hub 3	182816	Shaft 2
150436	Bushing 3	182412	Lever w/Stud 2	182817	Post 5
151073	Screw, 4-40 x 5/32 Fil 4	182425	Arm 4	182819	Post 5
151152	Screw, 4-40 x 3/16 Hex 2,4	182427	Post 4	182820	Plate 5
151630	Screw, 6-40 x 1/4 Hex 4,5	182428	Link 2	182821	Post 3
151737	Screw, 4-40 x 11/64 Hex 2	182429	Plate 2	182822	Plate 3
152634	Bracket 3	182430	Bail w/Stud 4	182823	Post 2
152893	Screw, 4-40 x 1/4 Hex 4	182431	Lever 4	182826	Pawl w/Stud 5
153817	Screw, 4-40 x 3/8 Hex 4	182432	Lever 4	182827	Plate 2
153799	Screw, 4-40 x 21/64 Hex 3	182433	Lever 4	182828	Roller 2
156019	Washer, Felt 4			182829	Sleeve 2
156057	Washer, Flat 4			182831	Bail 5
162886	Screw, 4-40 x 7/32 Hex 2			182832	Post 5
180767	Ring, Retaining 5			182834	Plate 5
				182837	Lever w/Post 2
				182838	Spacer 4

NUMERICAL INDEX (Continued)

Part Number	Description and Page Number	Part Number	Description and Page Number	Part Number	Description and Page Number
182839	Plate 2	192884	Lever w/Stud 4	185705	Modification Kit 4
182843	Lever 2	182885	Lever w/Stud 4	185706	Bracket 4
182844	Roller 2	182886	Lever w/Stud 4	185776	Spring 2
182845	Post 3	182887	Lever w/Stud 4	185777	Spring 2
182846	Roller 2	182888	Lever w/Stud 4	185846	Post 2,4
182847	Post 4	182889	Lever 3	185847	Post 4
182848	Arm 4	182890	Plate 3	185848	Plate 4
182849	Plate w/Bushing 5	182893	Bracket 3	185890	Pushnut 4
182851	Spacer, 0.062" Thk 5	182904	Spring, Compression 2	185891	Chute, Chad 4
182853	Hook 3	182905	Spring, Compression 2	186047	Lever 2
182854	Bracket 2	182908	Chute, Chad 4	186048	Shaft 2
182855	Sleeve 5	182909	Spring 4	186076	Set of Parts 2
182856	Wheel, 24T 2	182914	Bracket 4	186256	Screw, 6-40 Spl 2
182857	Roller 2	182915	Extension 4	186582	Washer, Flat 4
182858	Post 2	182925	Washer, Flat 2,4	186799	Solenoid Assembly 3
182859	Post 2	182936	Arm w/Bushing 3	186837	Plate w/Post 3
182861	Lever w/Stud 4	182966	Stud 5	186838	Bracket, Spring 5
182862	Lever w/Stud 4	182983	Block Assembly, Punch 4	186840	Bail w/Post 3
182864	Lever w/Stud 4	182988	Spring, Punch Block 4	186842	Roller 3
182872	Lever 4	184095	Spring 3	186843	Post, Stop 3
182878	Lever 2	184200	Bail 3	186845	Bracket, Spring 4
182879	Lever 2	184283	Guidepost 5	186886	Solenoid Assembly 3
182882	Link 3	185704	Depressor, Tape 4	187001	Stop 4
				187073	Bracket 4

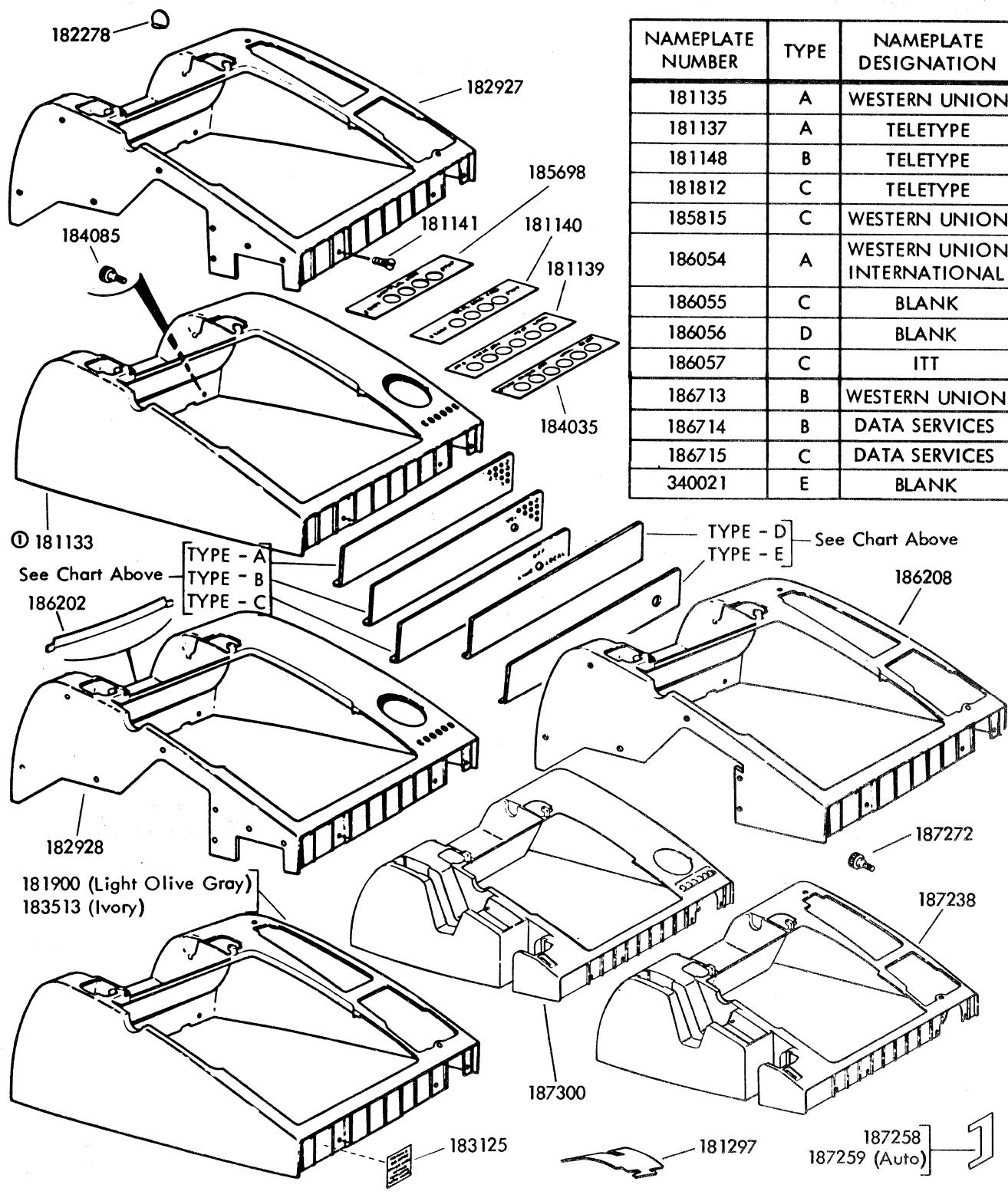
33 COVER AND TABLE

PARTS

FIGURE	CONTENTS	PAGE
1	Printer Covers	2
2	Punch Cover and Base	3
3	Reader Cover and Base	4
4	Faceplates	5
5	Faceplates (Continued)	6
6	Cover and Tape Storage Bin	7
7	Cabinet	8
8	Lid and Copyholder	9
9	183976 Adjustable Copyholder Assembly	10
10	Subbases	11
11	184074 Outlet Box Assembly	12
12	183859 Modification Kit to Provide Paper Supply and Accumulating Shelf	13
13	186031 Rectifier Assembly	14
14	186226 Modification Kit to Provide Mobility for Cabinet Numerical Index	15 16

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

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NAMEPLATE NUMBER	TYPE	NAMEPLATE DESIGNATION
181135	A	WESTERN UNION
181137	A	TELETYPE
181148	B	TELETYPE
181812	C	TELETYPE
185815	C	WESTERN UNION
186054	A	WESTERN UNION INTERNATIONAL
186055	C	BLANK
186056	D	BLANK
186057	C	ITT
186713	B	WESTERN UNION
186714	B	DATA SERVICES
186715	C	DATA SERVICES
340021	E	BLANK

① Early Design-Replaced
by the 181900 Cover

FIGURE 1. PRINTER COVERS

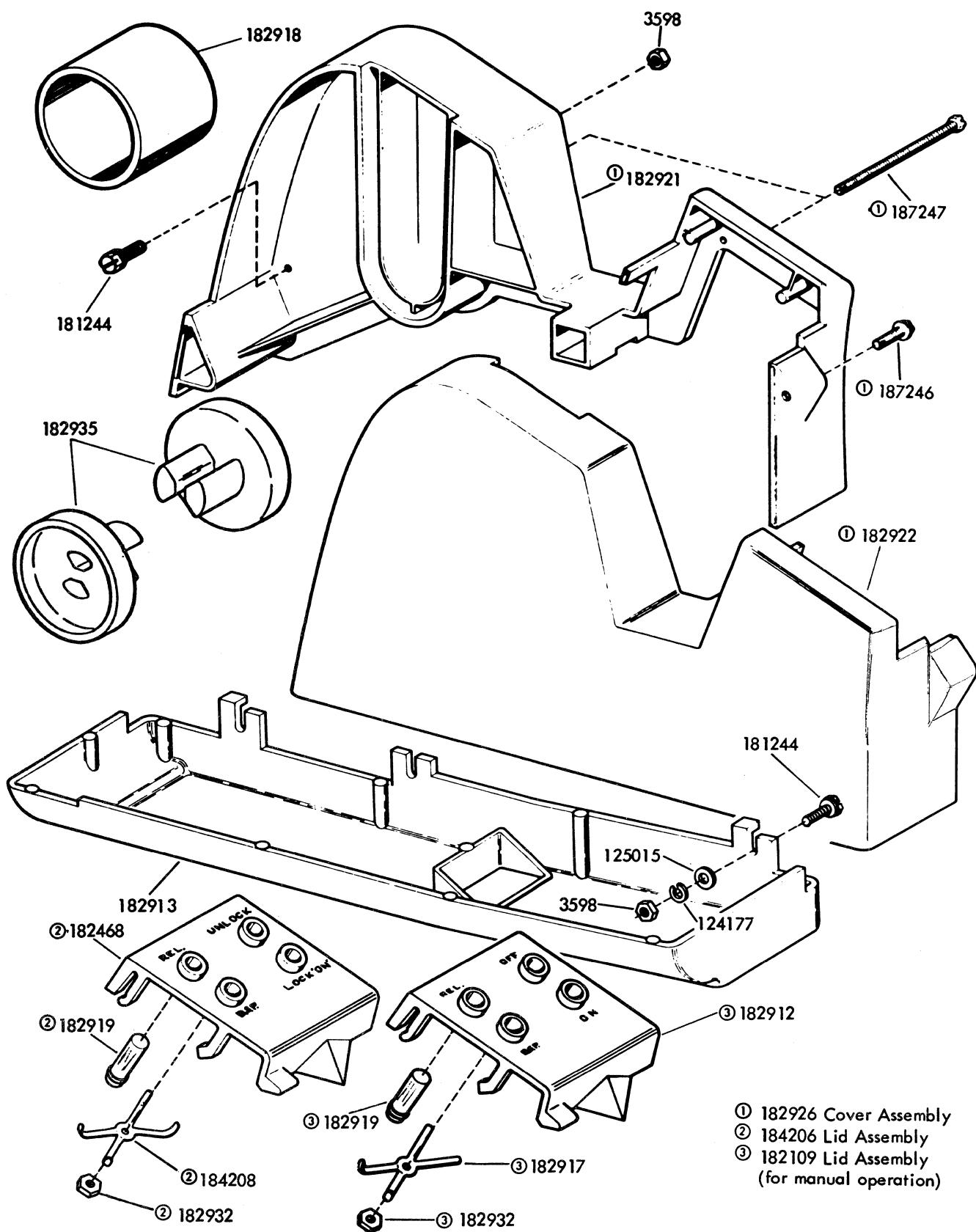
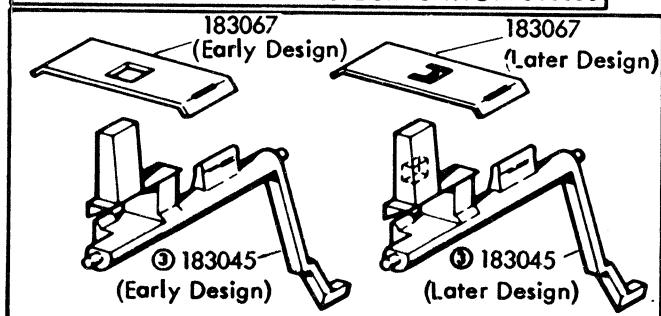
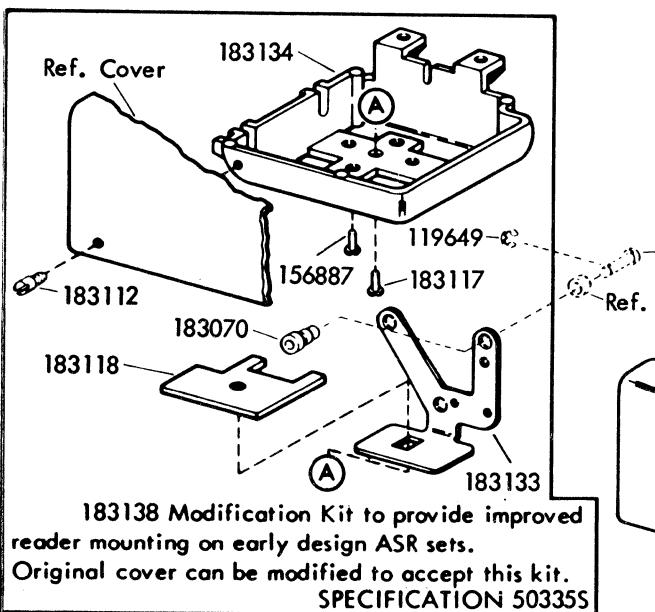
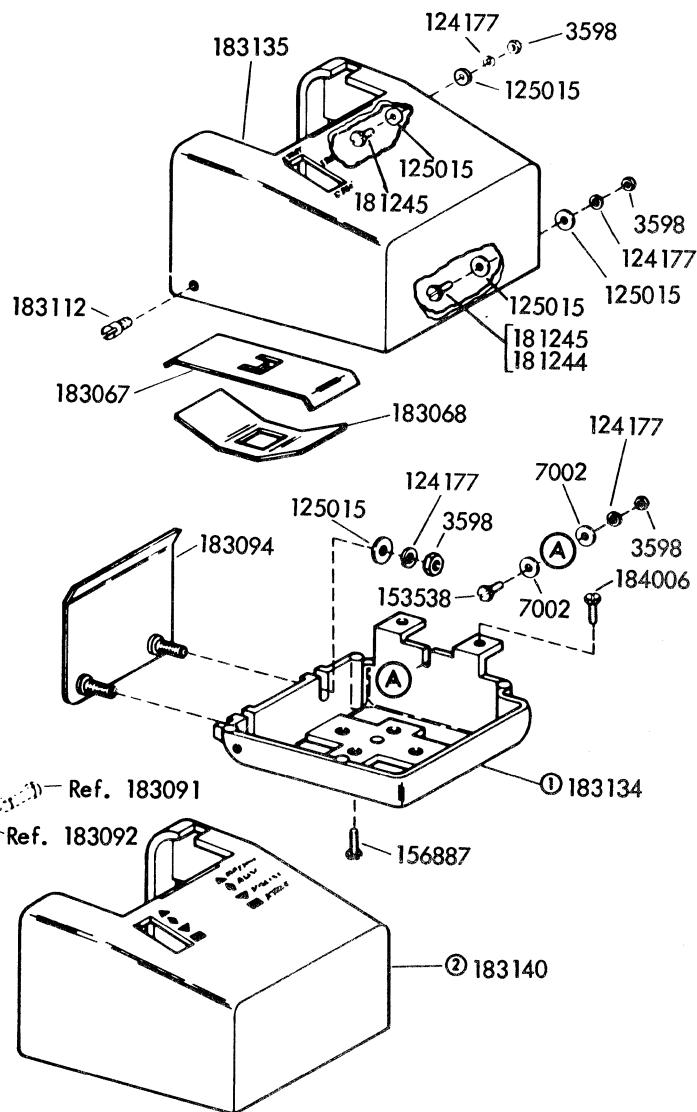
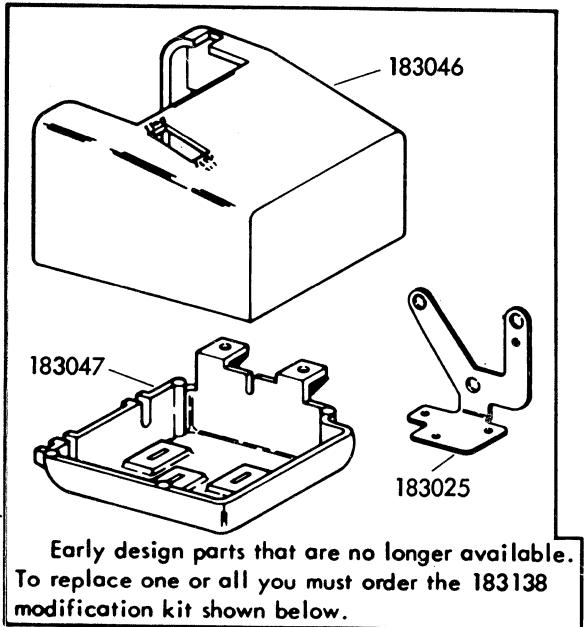


FIGURE 2. PUNCH COVER AND BASE



① A new 185700 laminated sheet steel base has been designed to replace the three individual castings mounting the typing unit with motor, keyboard and associated call control unit, the perforator, and the reader. However, the 183134 base (shown on this figure) is still available for replacement purposes

② Automatic reader control cover

③ The 183067 shield and the 183045 start & stop lever have been redesigned but retain their original numbers. The new style lever can be used with the old style shield but the new style shield must be used with the new style lever

FIGURE 3. READER COVER AND BASE

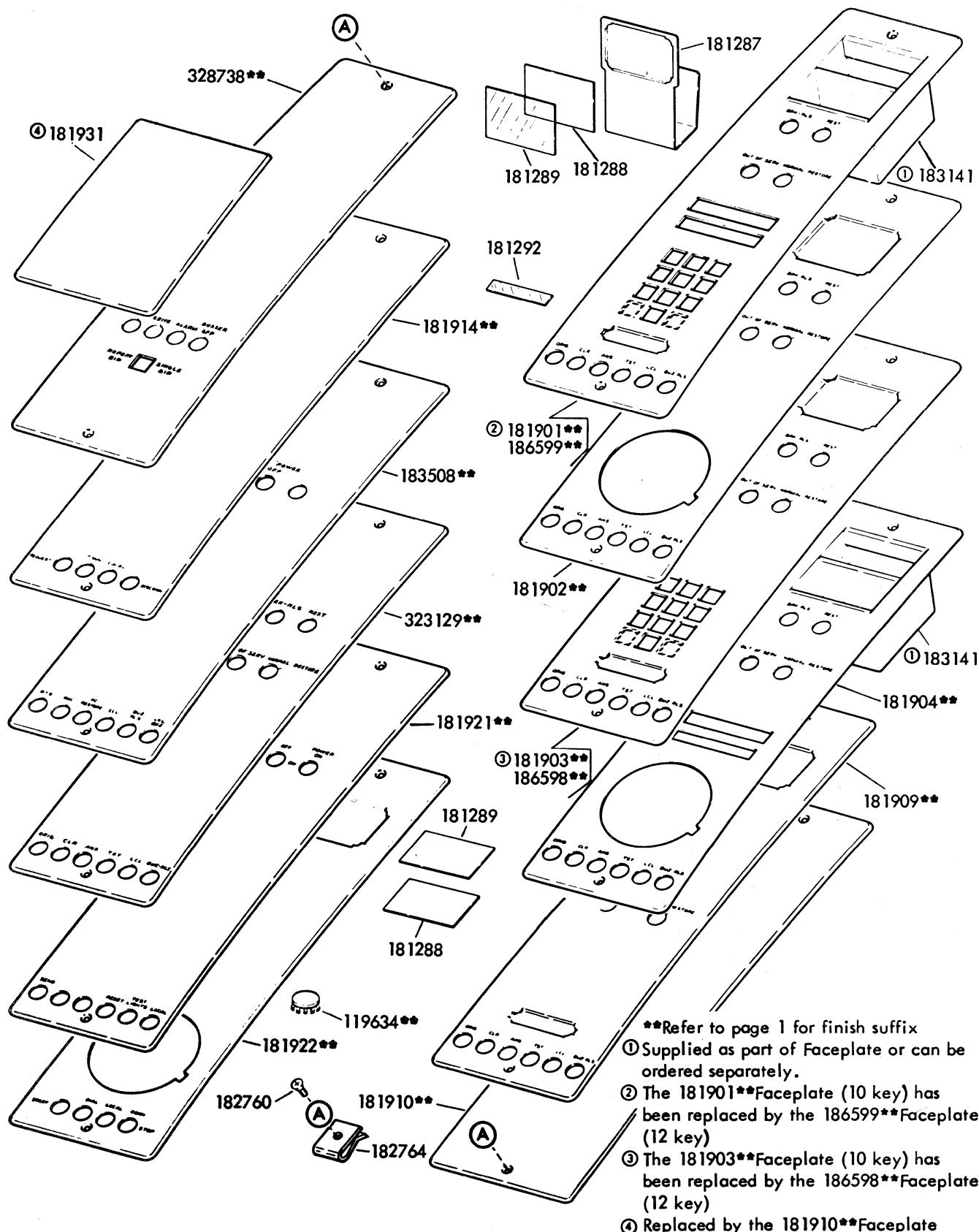
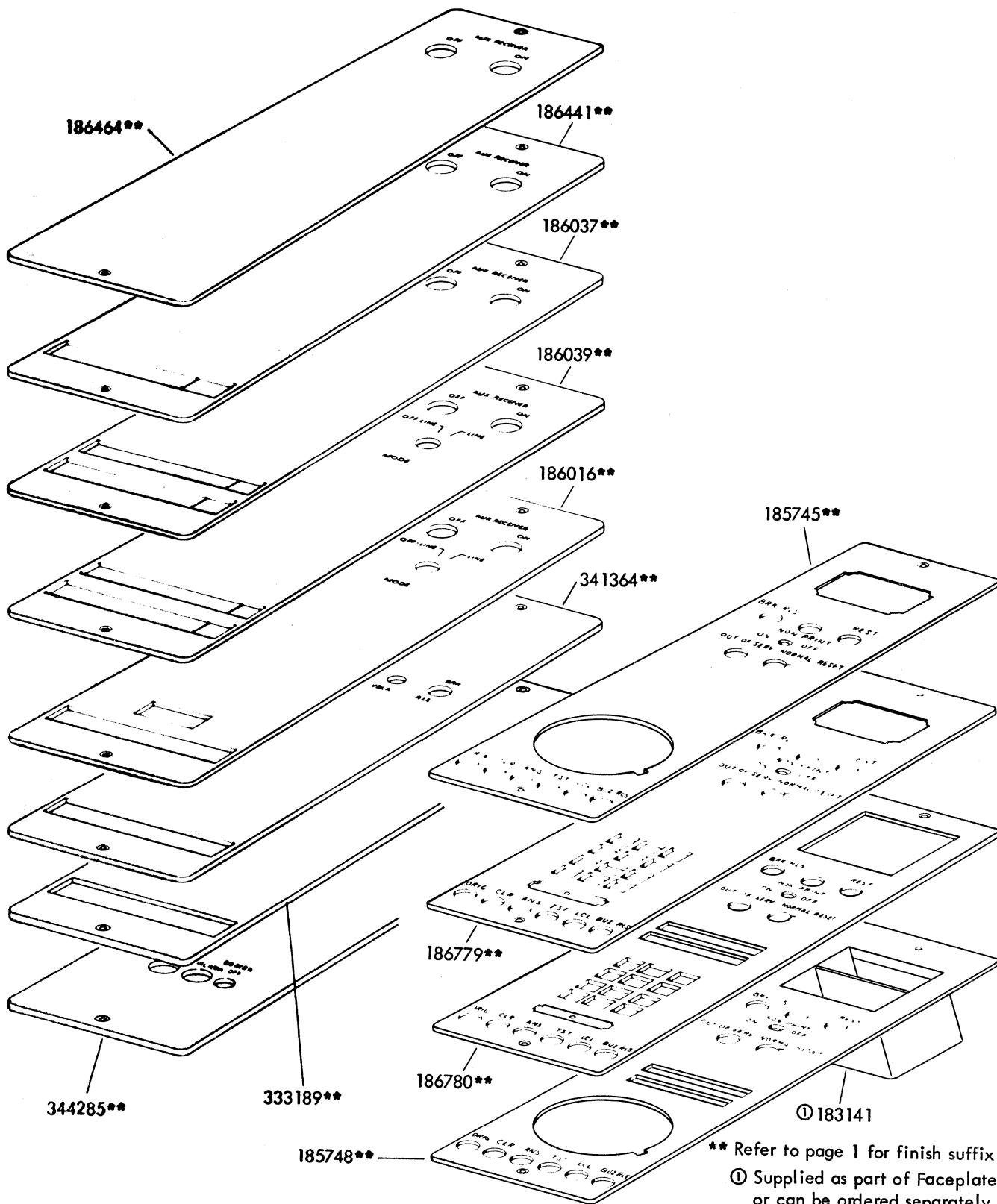


FIGURE 4. FACEPLATES

SECTION 574-126-800TC



** Refer to page 1 for finish suffix

① Supplied as part of Faceplate
or can be ordered separately

FIGURE 5. FACEPLATES (Continued)

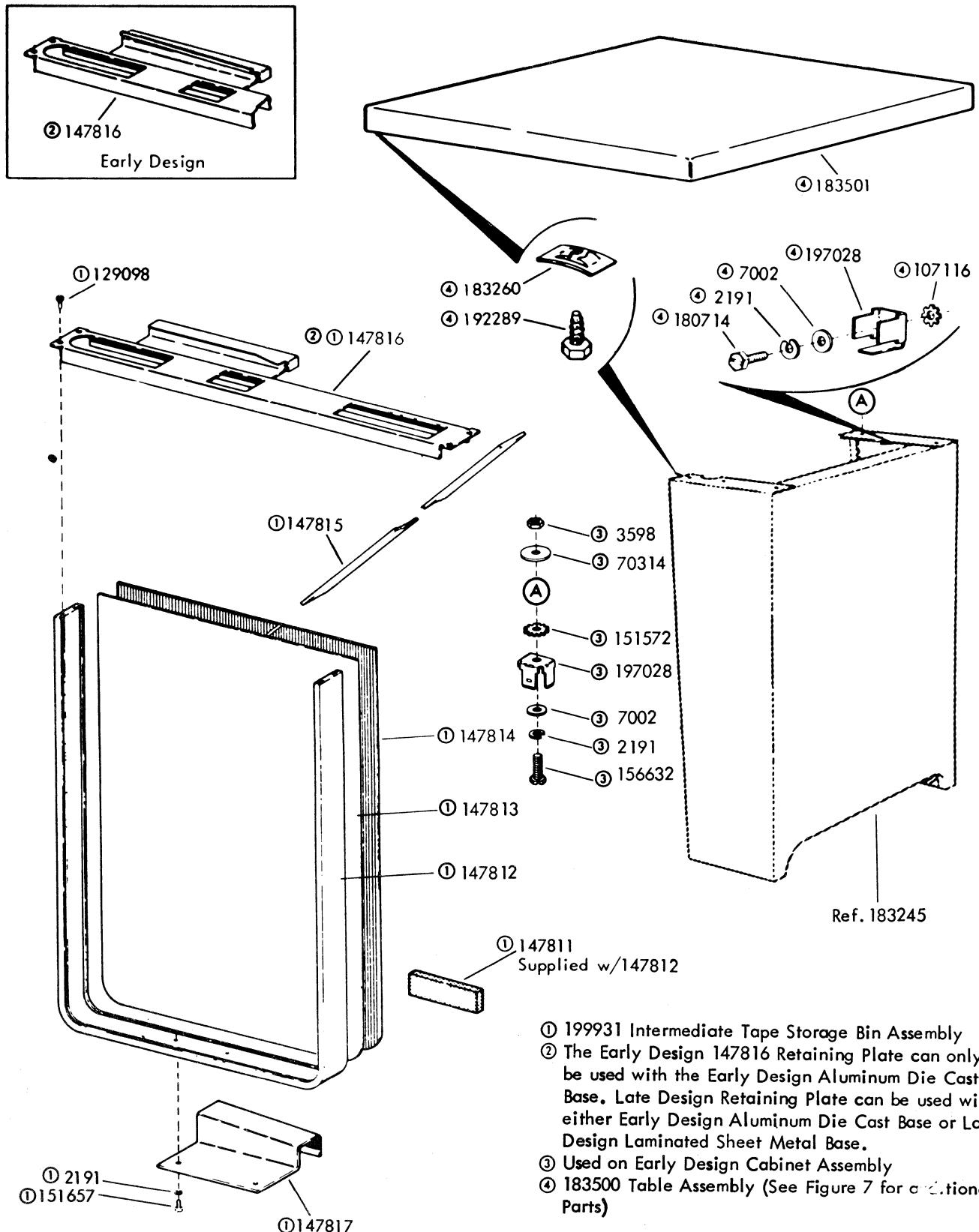
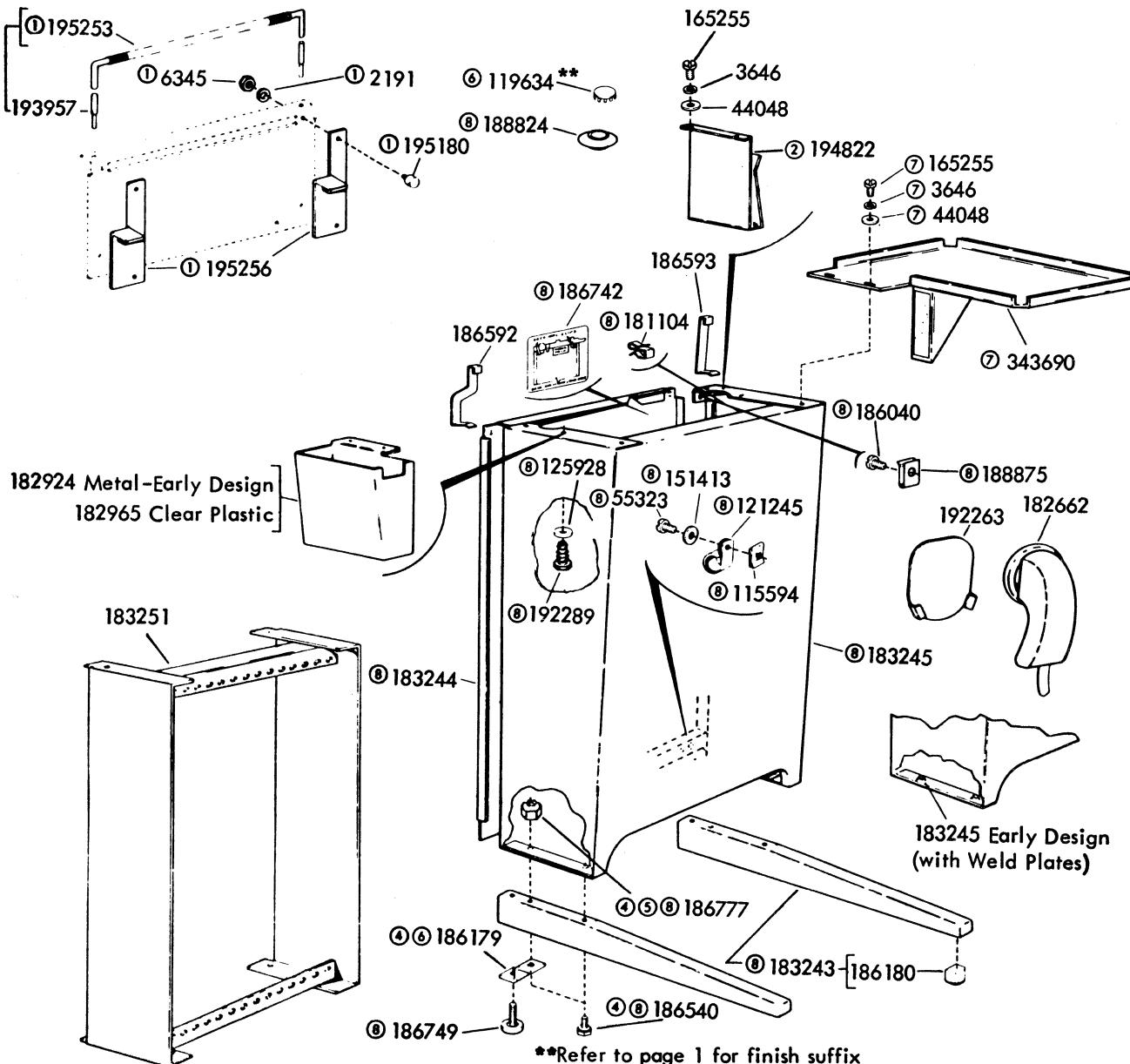


FIGURE 6. COVER AND TAPE STORAGE BIN



**Refer to page 1 for finish suffix

- ① 195259**Modification Kit to add Paper Winder to Cabinet
- ② The 194822 Directory Holder has been changed by including two 6 inch strips of double sided adhesive backed tape, eliminating the need for mounting hardware.
- ③ The Early Design 183243 Foot w/Brackets is no longer available. When replacing an Early Design Foot w/Brackets, order the 186203 Set of Parts.
- ④ 186203 Set of Parts to provide replacement Foot w/Bumper
- ⑤ The 186777 self-locking nut cannot be used on Early Design 183245 lower cabinets (With Weldplates)
- ⑥ Replaced by 188824
- ⑦ 343691**Modification Kit to Provide a Shelf
- ⑧ 183500 Table Assembly (See Figure 6 for additional Parts)

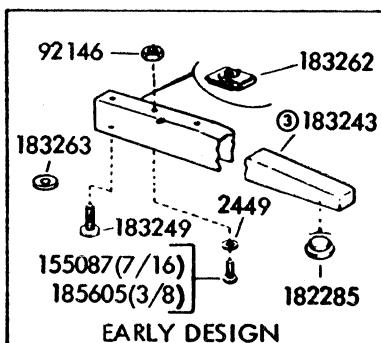
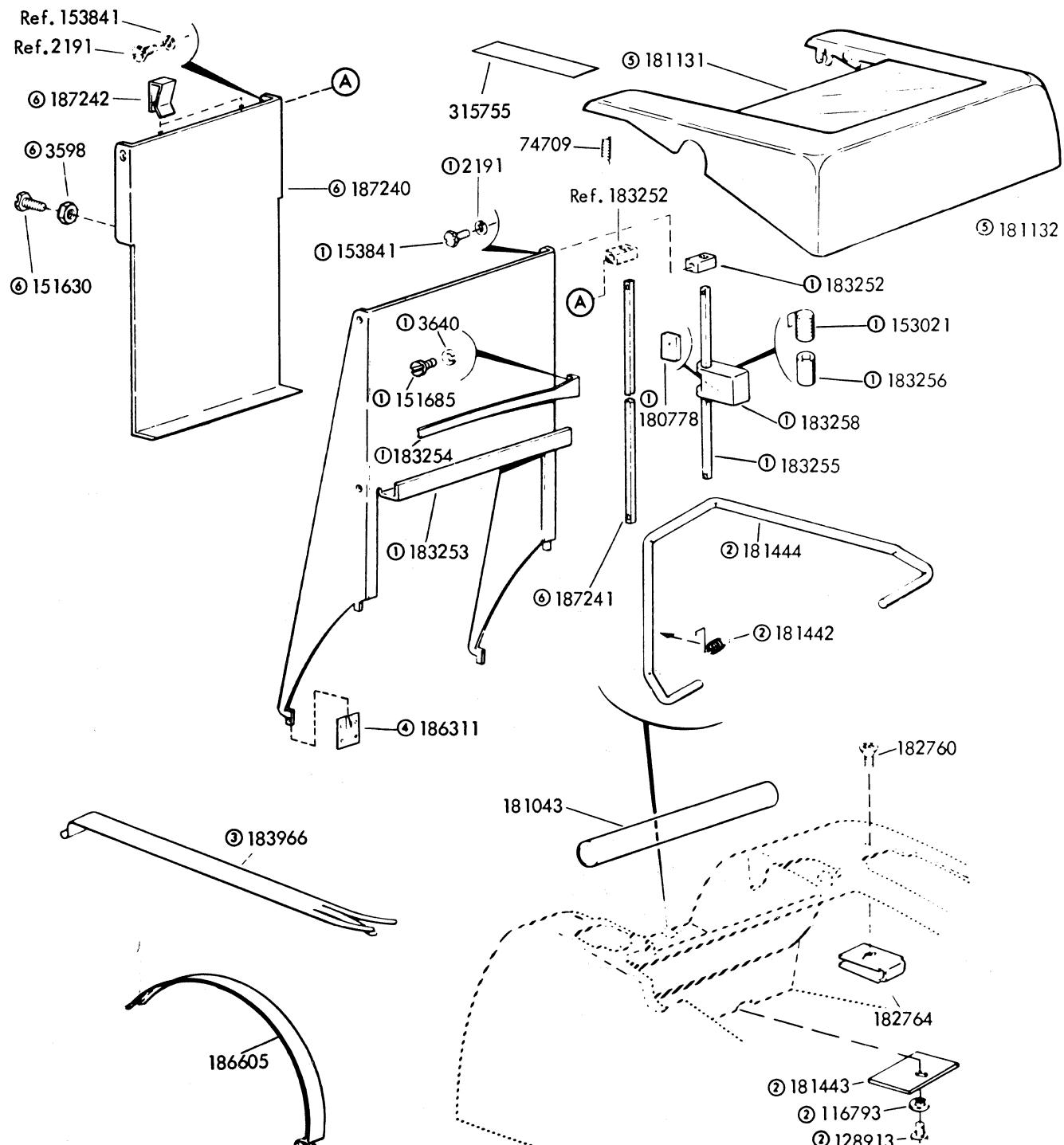


FIGURE 7. CABINETS



- ① 182036 Copyholder Assembly
- ② Used with Sets having Low Paper Alarm
- ③ No longer available. Order 186605
Paper Deflector
- ④ 186312 SOP to Provide Cover Repair
Bracket for Copyholder
- ⑤ The 181131 Lid Window has been redesigned

by adding nine holes to enable heat staking to the Lid rather than cementing as on the Early Design. Early and Late Design Lids w/Window are interchangeable. If however, a Late Design Lid w/Window needs a replacement Window, a 181132 Lid w/Window must be ordered.

⑥ 187239 Modification Kit to Extend Copyholder.

FIGURE 8. LID AND COPYHOLDER

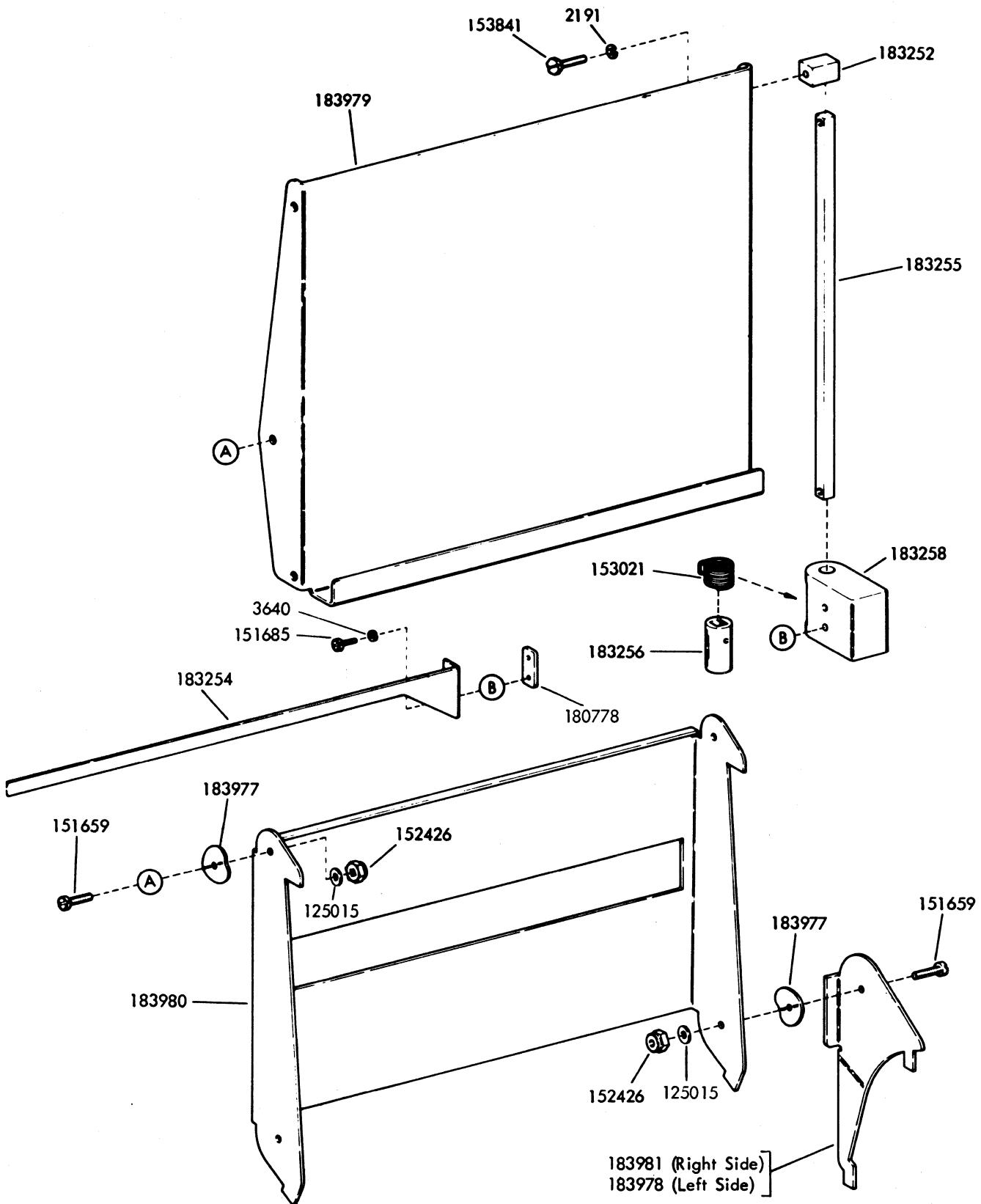


FIGURE 9. 183976 ADJUSTABLE COPYHOLDER ASSEMBLY

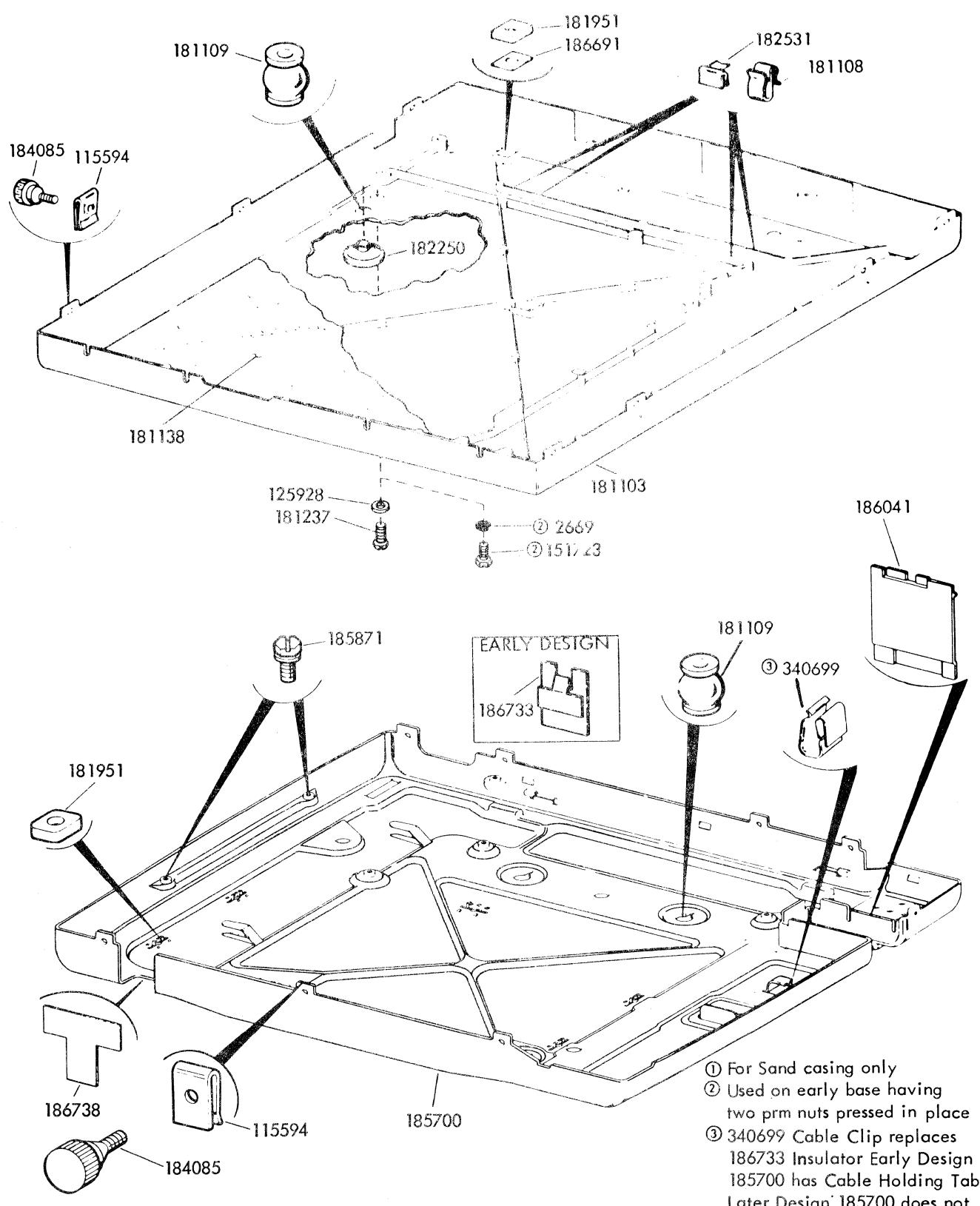


FIGURE 10. SUBBASES

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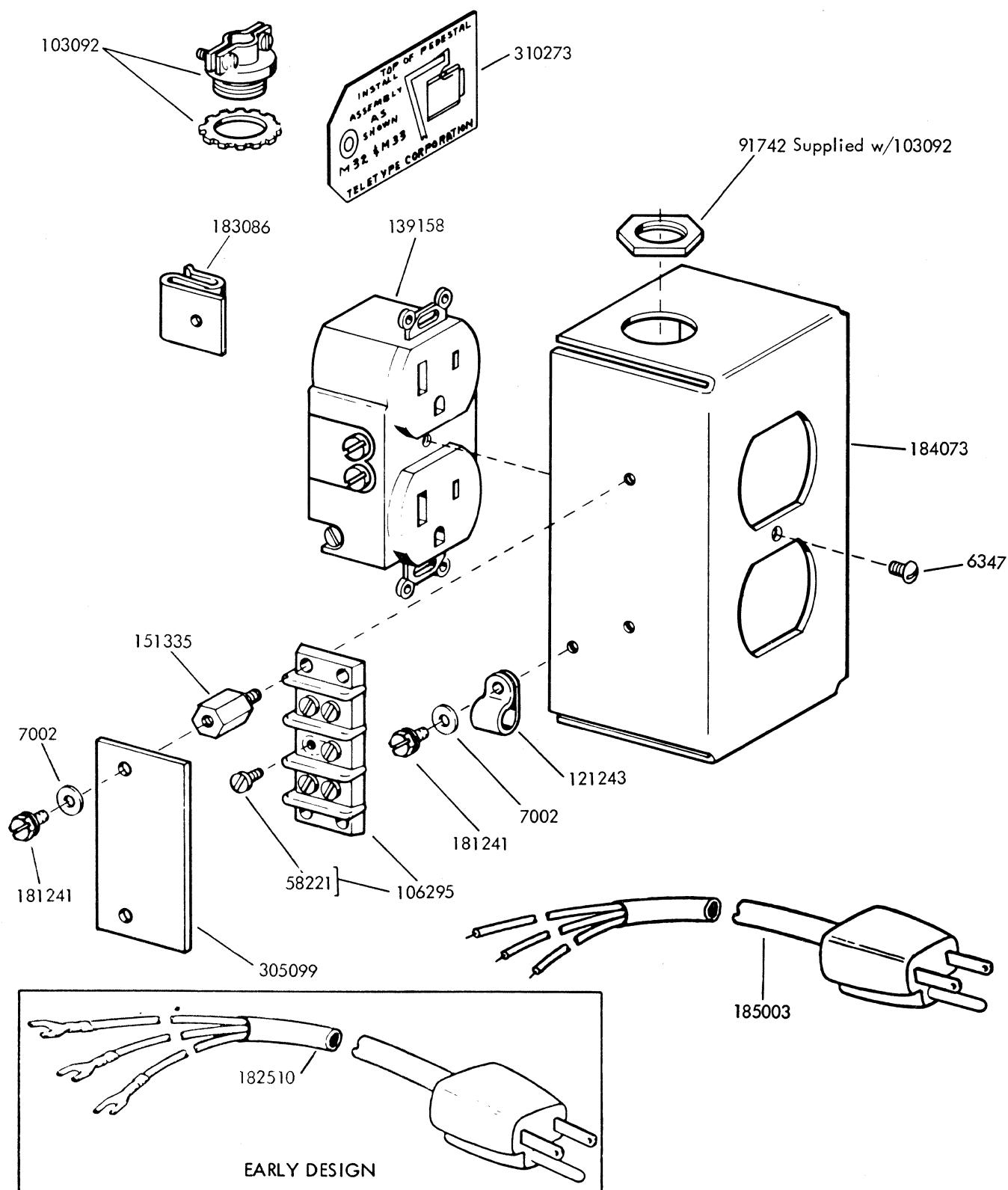


FIGURE 11. 184074 OUTLET BOX ASSEMBLY

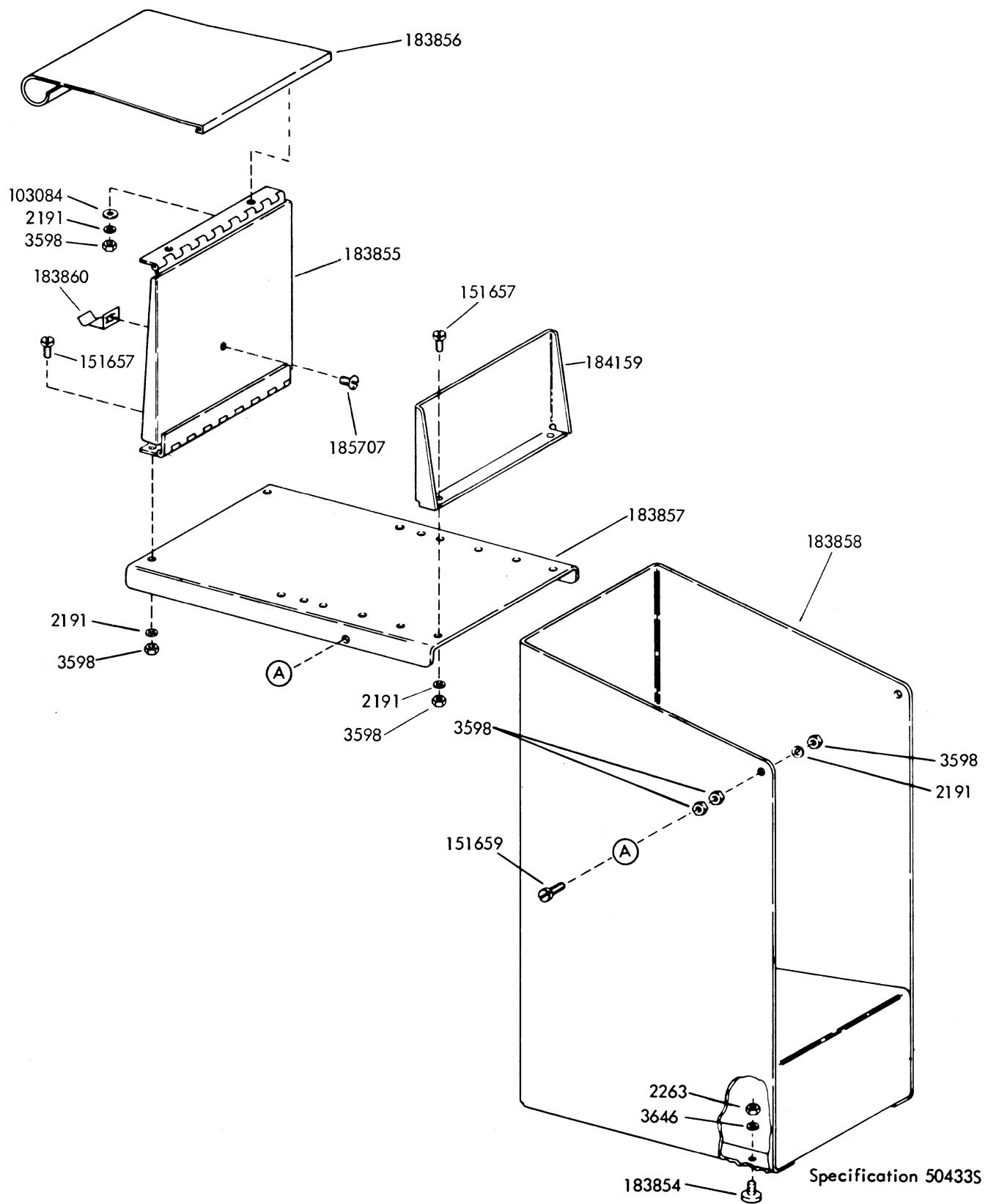


FIGURE 12. 183859 MODIFICATION KIT TO PROVIDE PAPER SUPPLY AND ACCUMULATING SHELF

SECTION 574-126-800TC

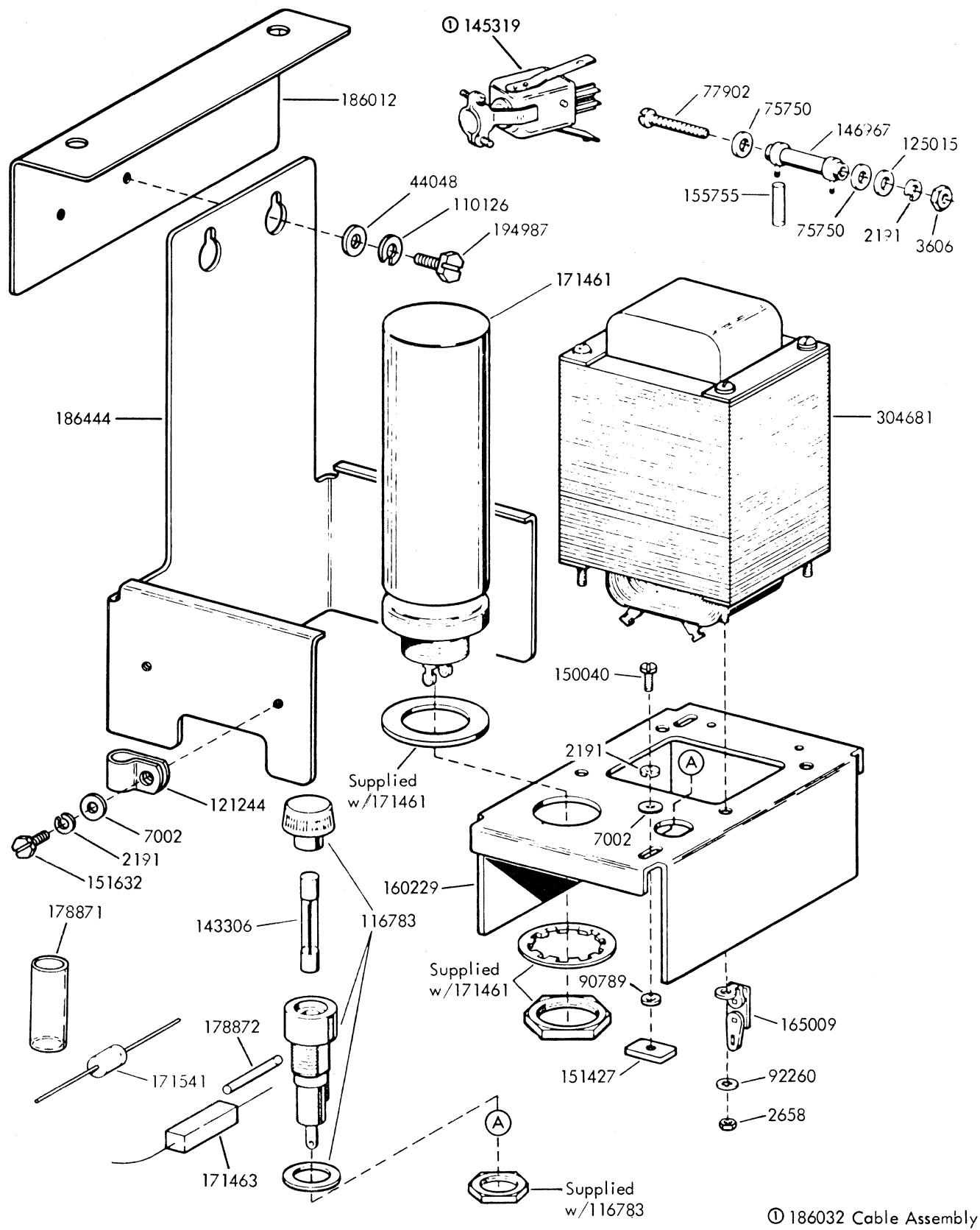


FIGURE 13. 186031 RECTIFIER ASSEMBLY

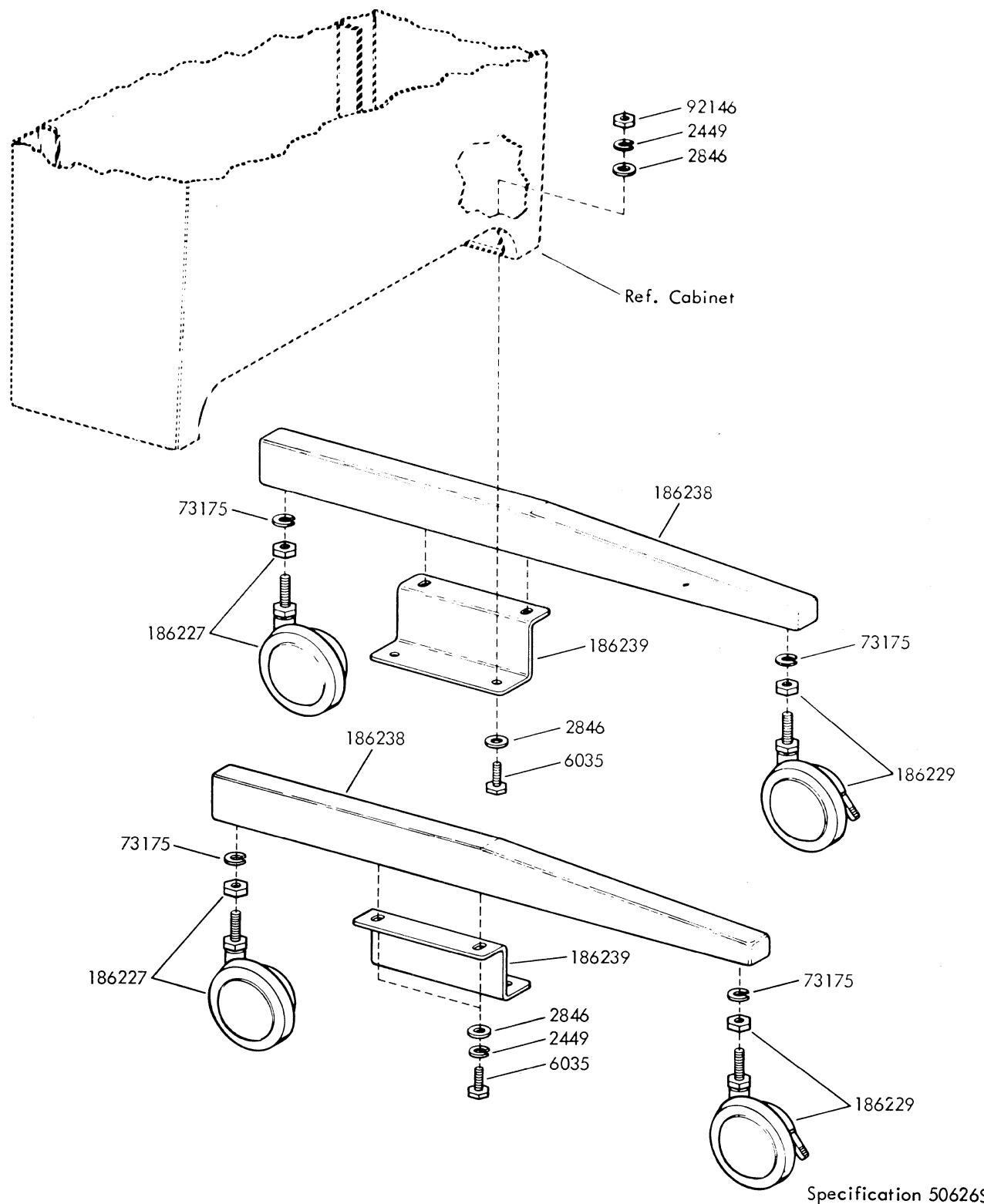


FIGURE 14. 186226 MODIFICATION KIT TO PROVIDE MOBILITY FOR CABINET

NUMERICAL INDEX

Part Number	Description and Page Number	Part Number	Description and Page Number	Part Number	Description and Page Number
2191	Lockwasher 7,8,9,10,13,14	143306	Fuse, SL-BL 1 Amp 14	181043	Spindle, Paper Roll 9
2263	Nut, 8-32 Hex 13	145319	Receptacle, 4 Pt Plug 14	181103	Cover, Base 11
2449	Lockwasher 8,15	146967	Resistor, 750 Ohm 14	181104	Clip, Cable 8
2658	Nut, 6-32 Hex 14	147811	Spacer, .250" Thk 7	181108	Clip, Cable 11
2669	Lockwasher 11	147812	Frame, Tape Bin 7	181109	Mount, Vibration 11
2846	Washer, Flat 15	147813	Window, Left Side 7	181131	Window, Lid 9
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