

35 AUTOMATIC SEND-RECEIVE KEYBOARD (LAK)

PARTS

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Note 1: When ordering parts from this section, prefix each number with the letters TP.

Note 2: For a complete list of Model 35 keytops, refer to Section 570-020-800.

TELETYPE CORPORATION CODE TO BELL SYSTEM CODE CROSS REFERENCE CHART	
Teletype Corporation Code	Bell System Code
LAK816ATX	35K
LAK816AVJ	35N
LAK817AVP	35R
LAK819AVJ	35S
LAK822AVJ	35T

The part identification information contained in the following change notices have been incorporated in this issue.	
TCNs	#1673, #1765, #1865

SECTION 574-222-800

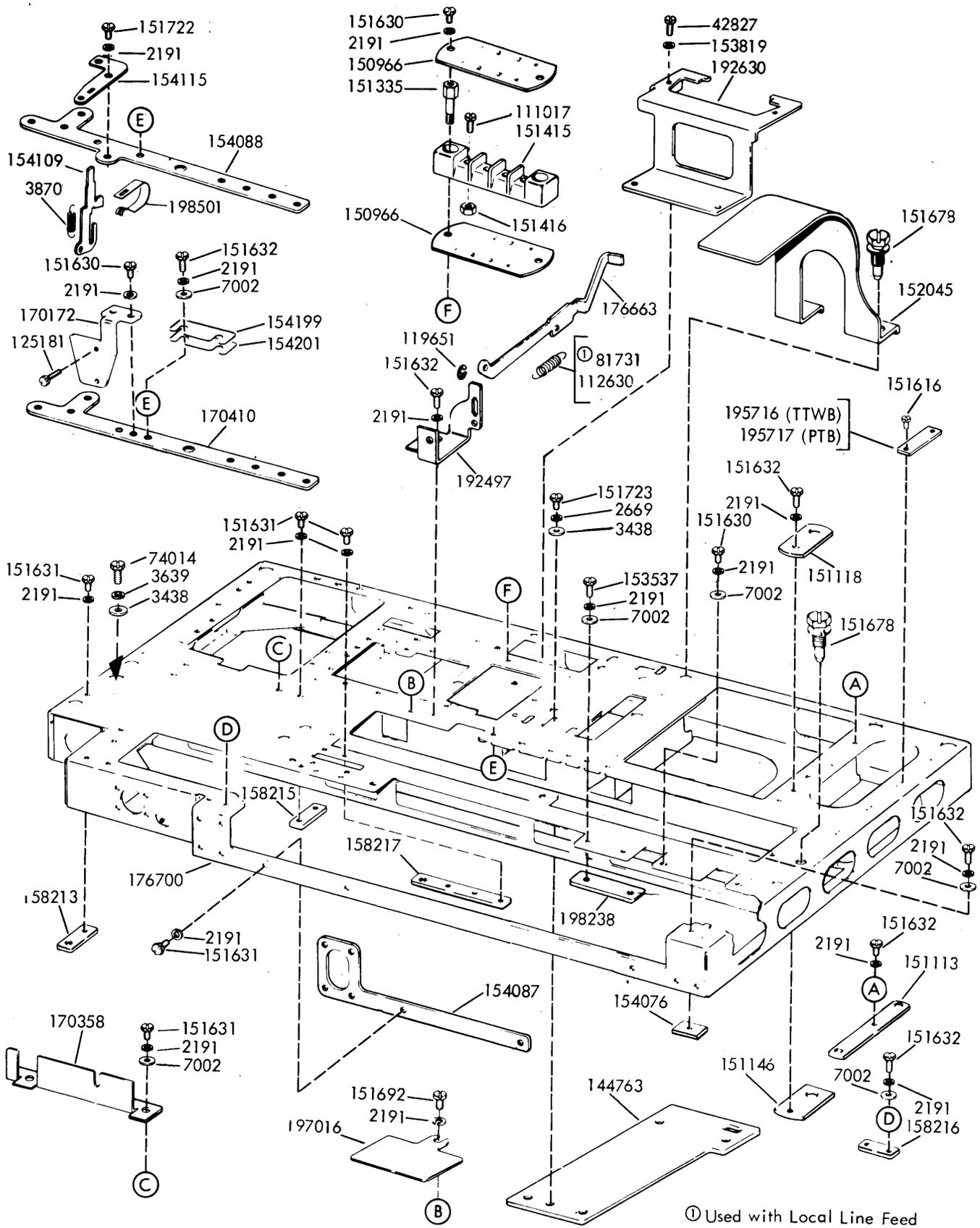
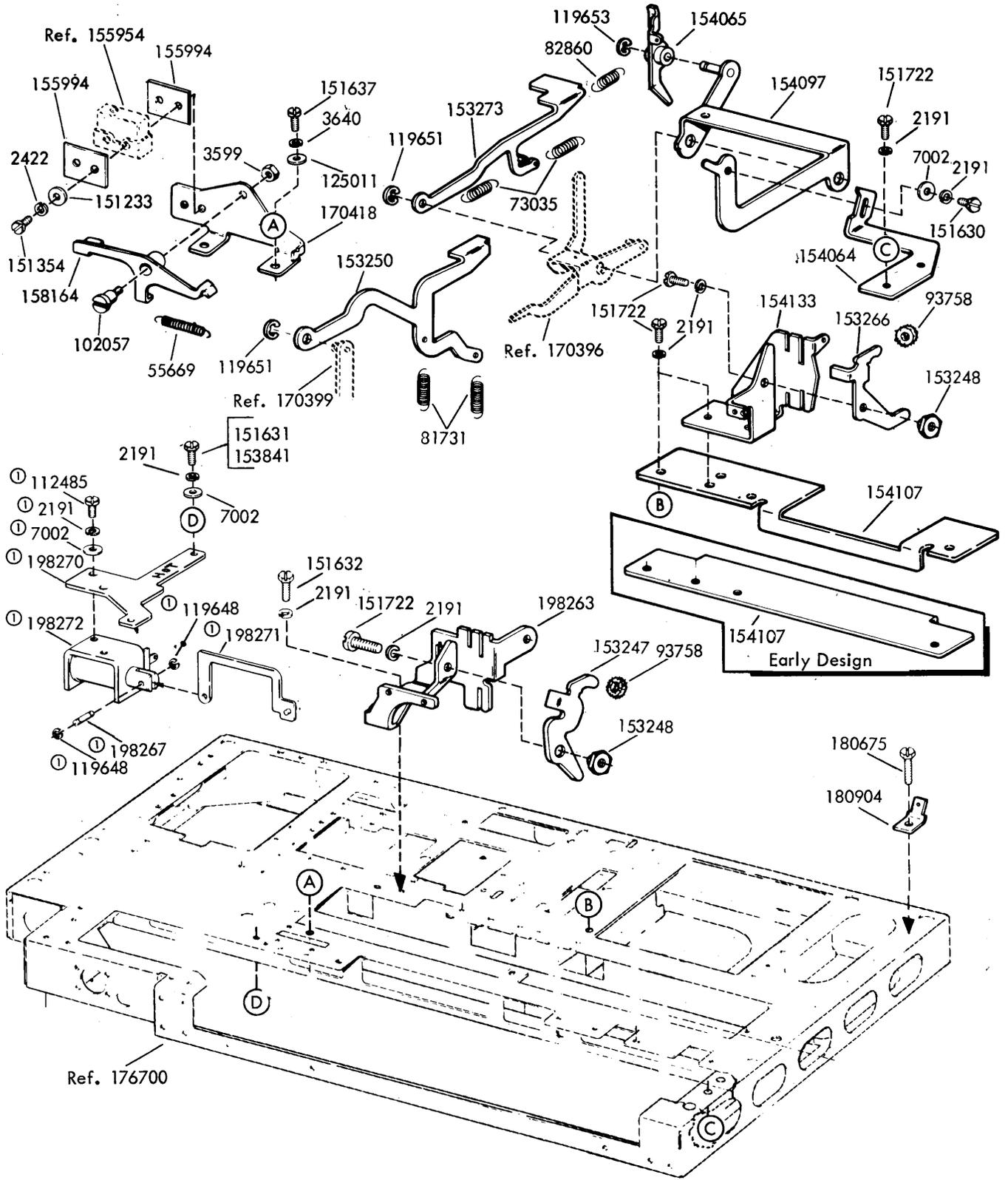
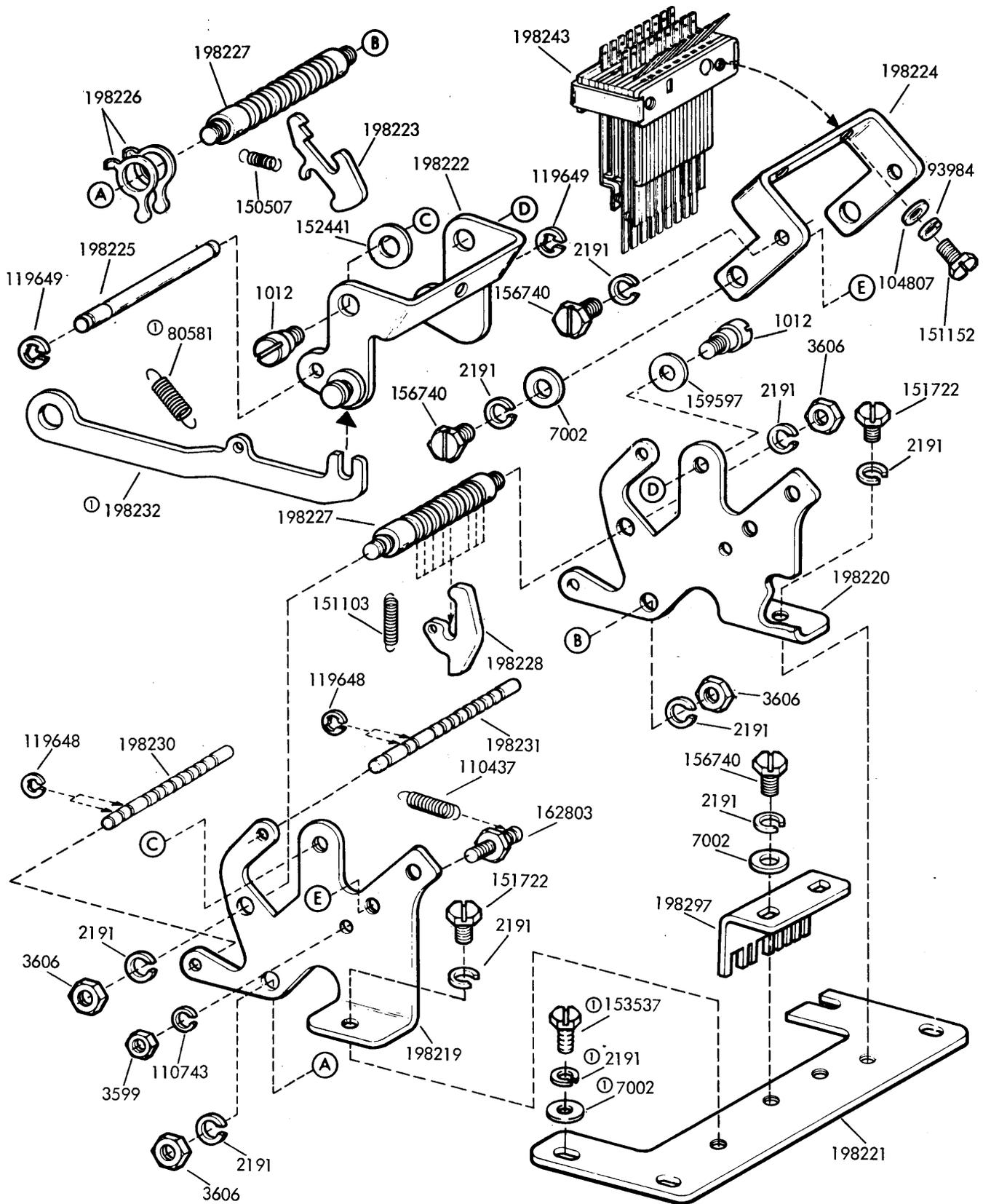


Fig. 1—Keyboard Base



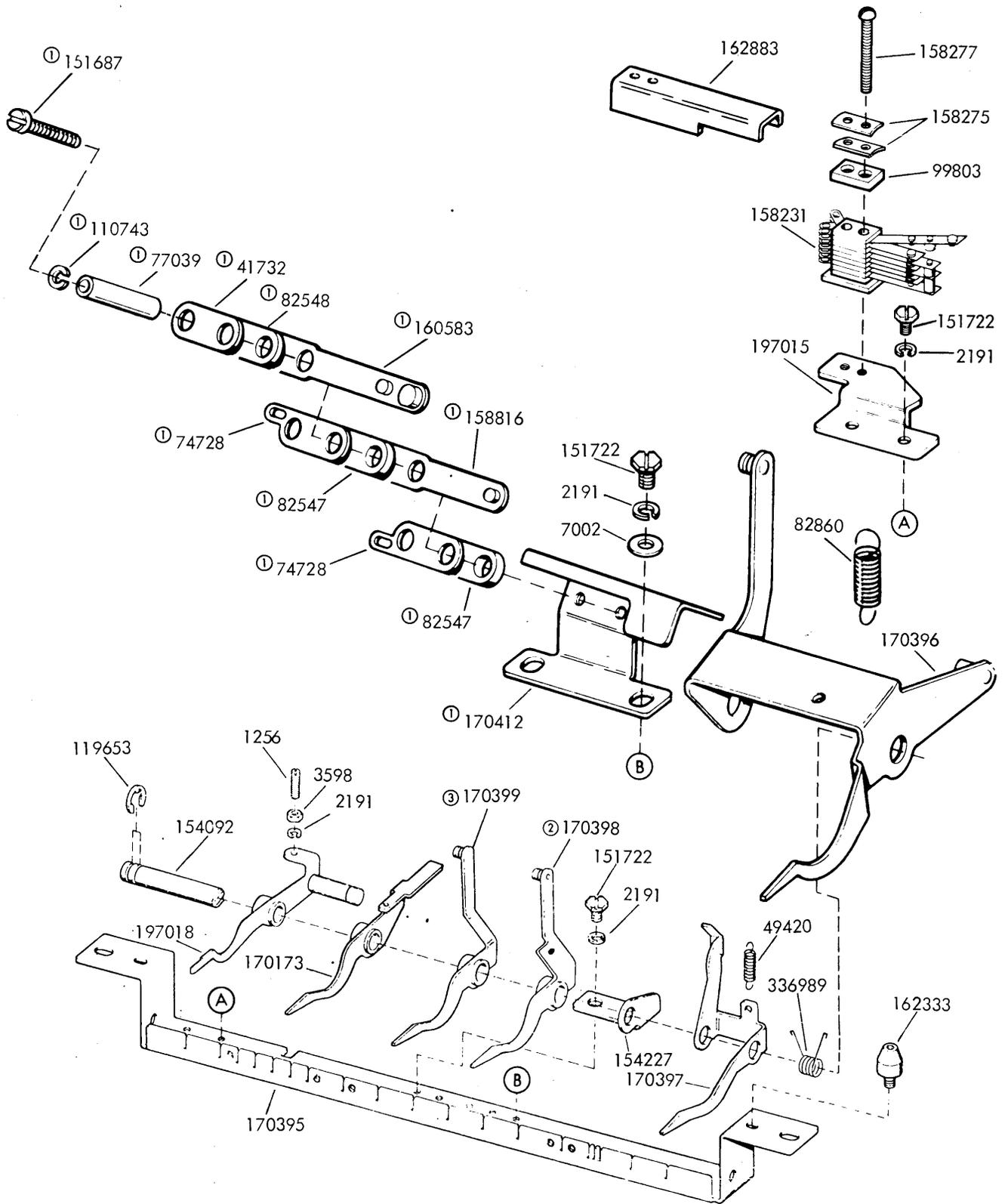
① 198269 Character Counter Suppress Solenoid Assembly

Fig. 1—Keyboard Base (Contd)



① Not part of 198240

Fig. 2—198240 Code Reading Contact Assembly



- ① 170413 Contact Assembly
- ② Use with Local Line Feed
- ③ Use with Local Single Line Feed

Fig. 3—Function Bail Mechanism

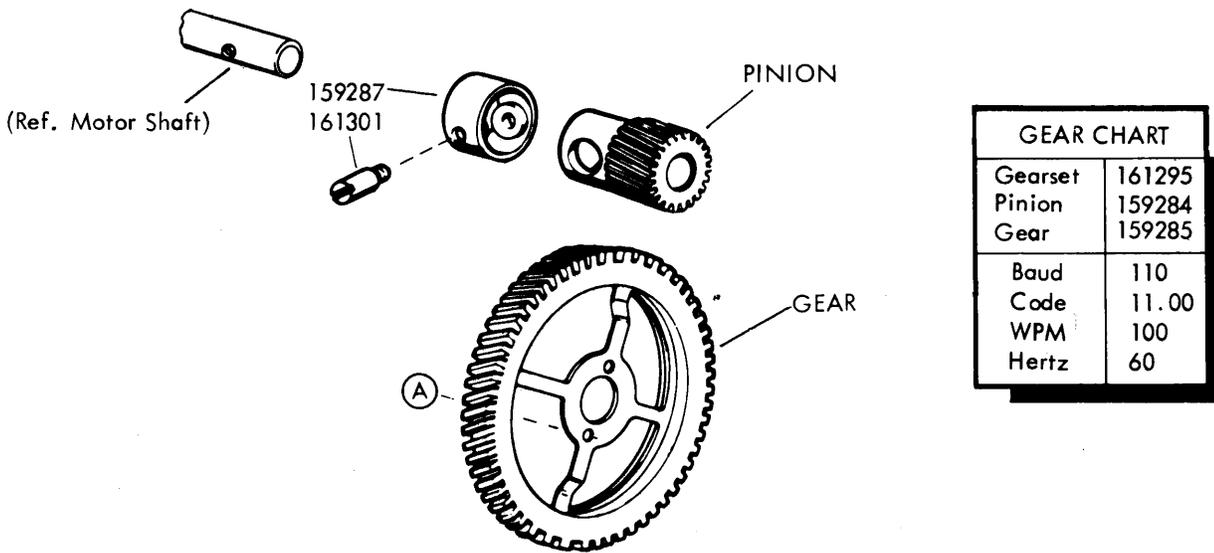
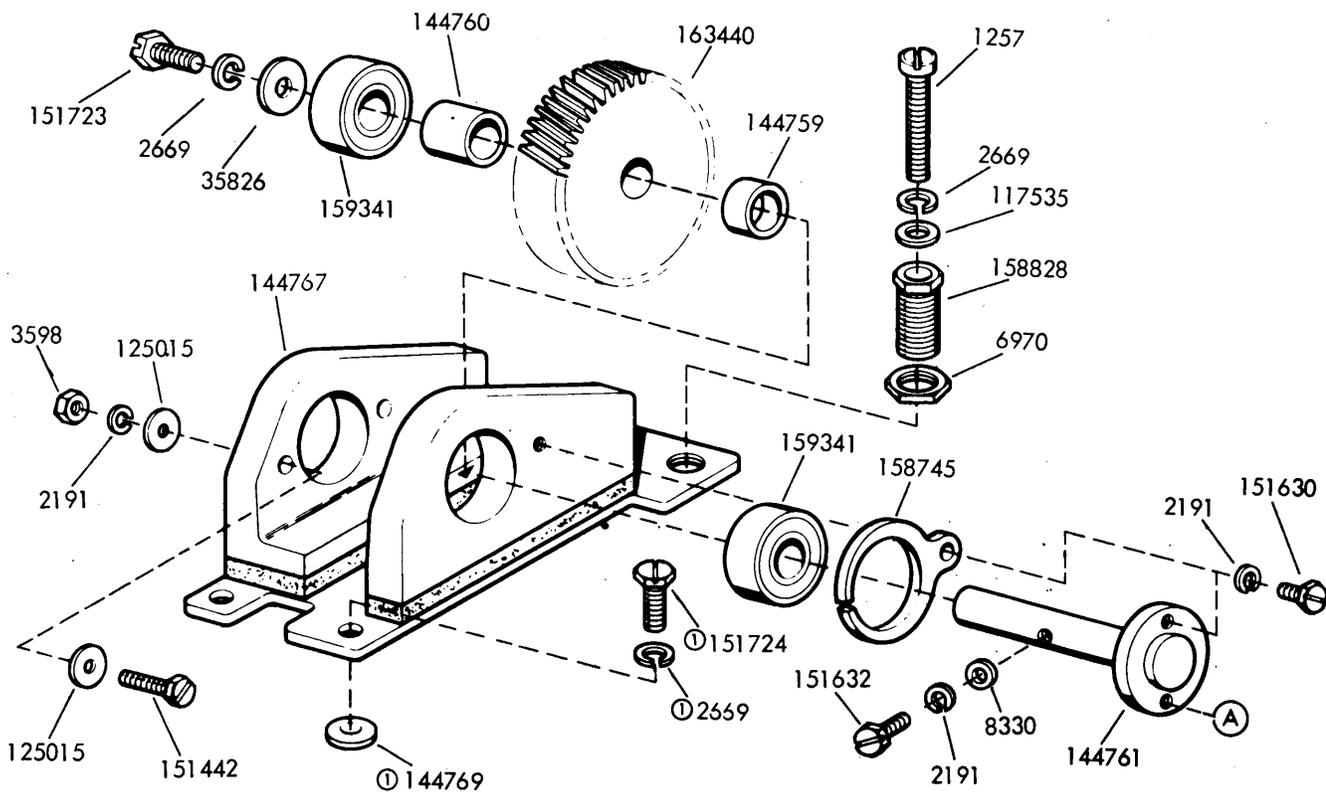


Fig. 4—Gearsets



ⓐ Not part of 144770

Fig. 5—144770 Intermediate Gear Assembly

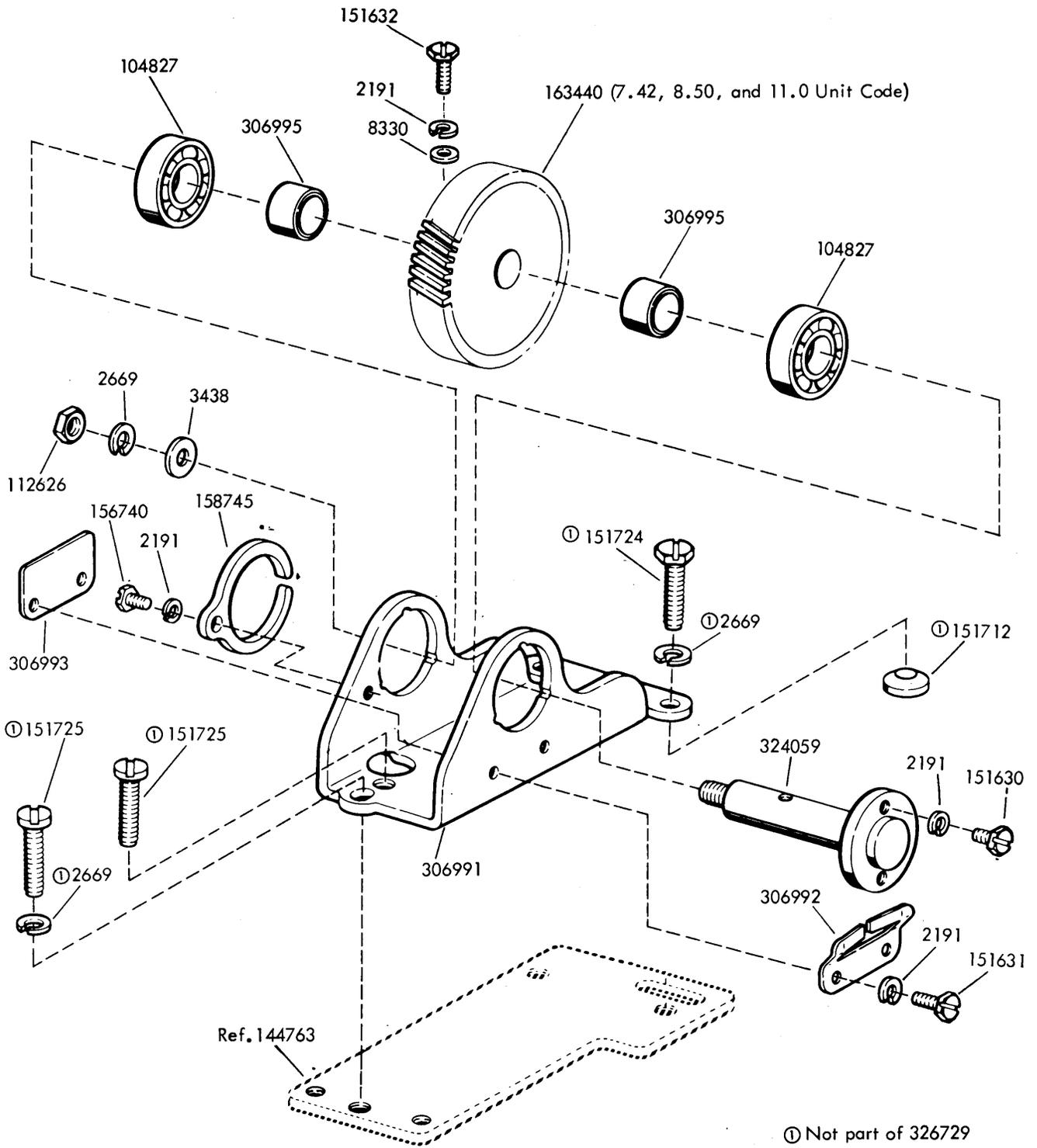


Fig. 6—326729 Intermediate Gear Assembly

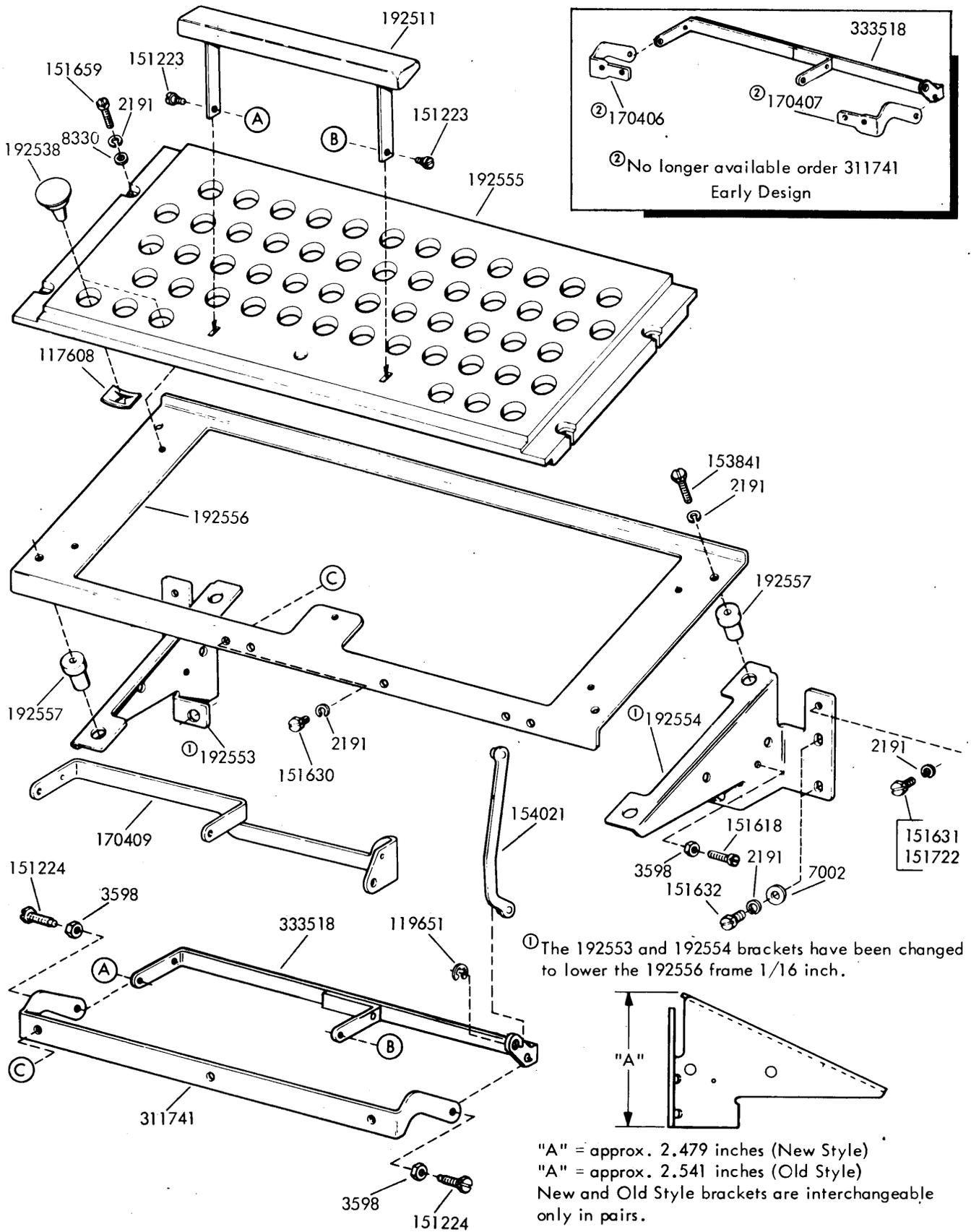


Fig. 7—Keyboard Mechanism

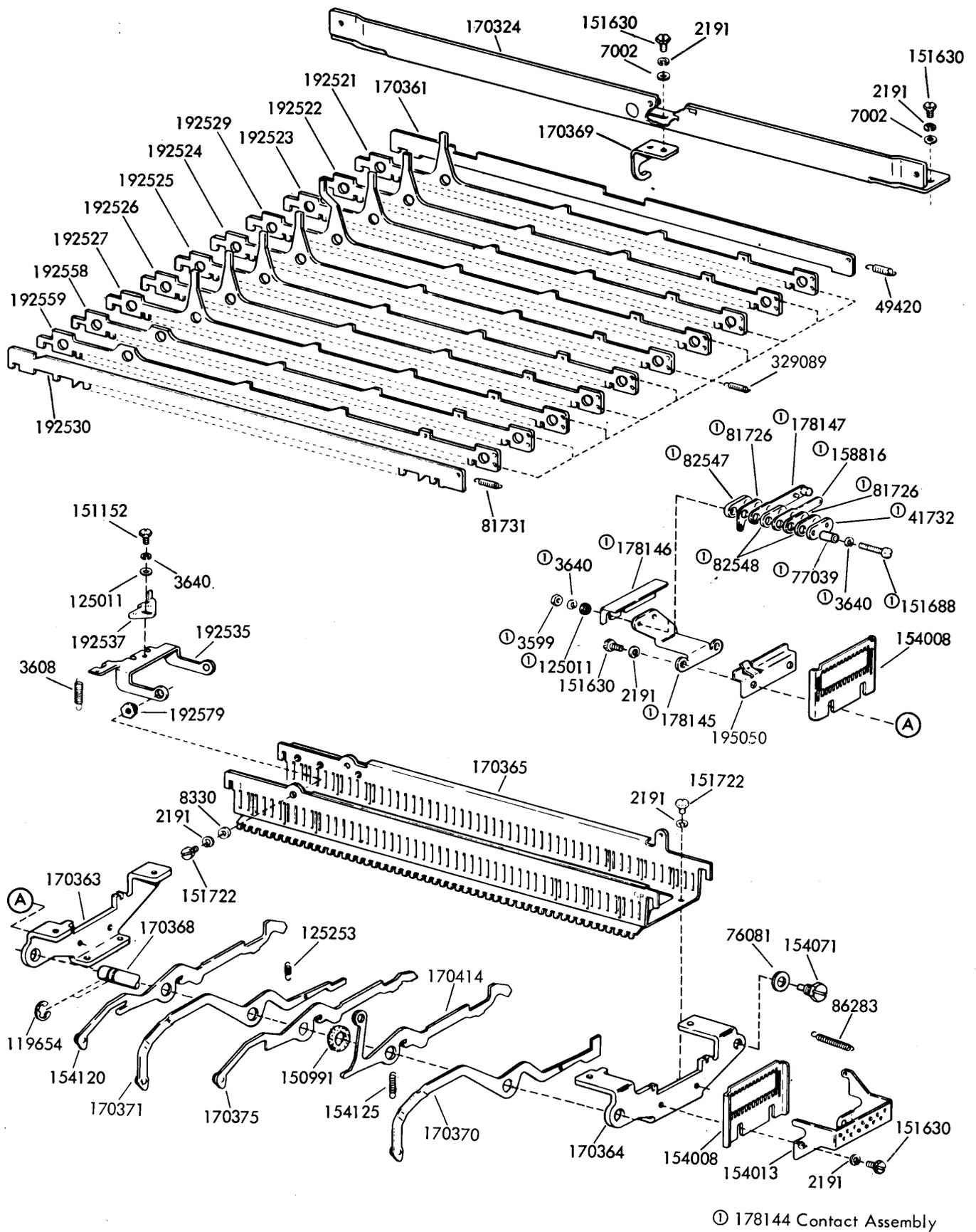


Fig. 8—Codebar Mechanism (Nonparity)

See Fig. 10 for
Codebar Location Chart

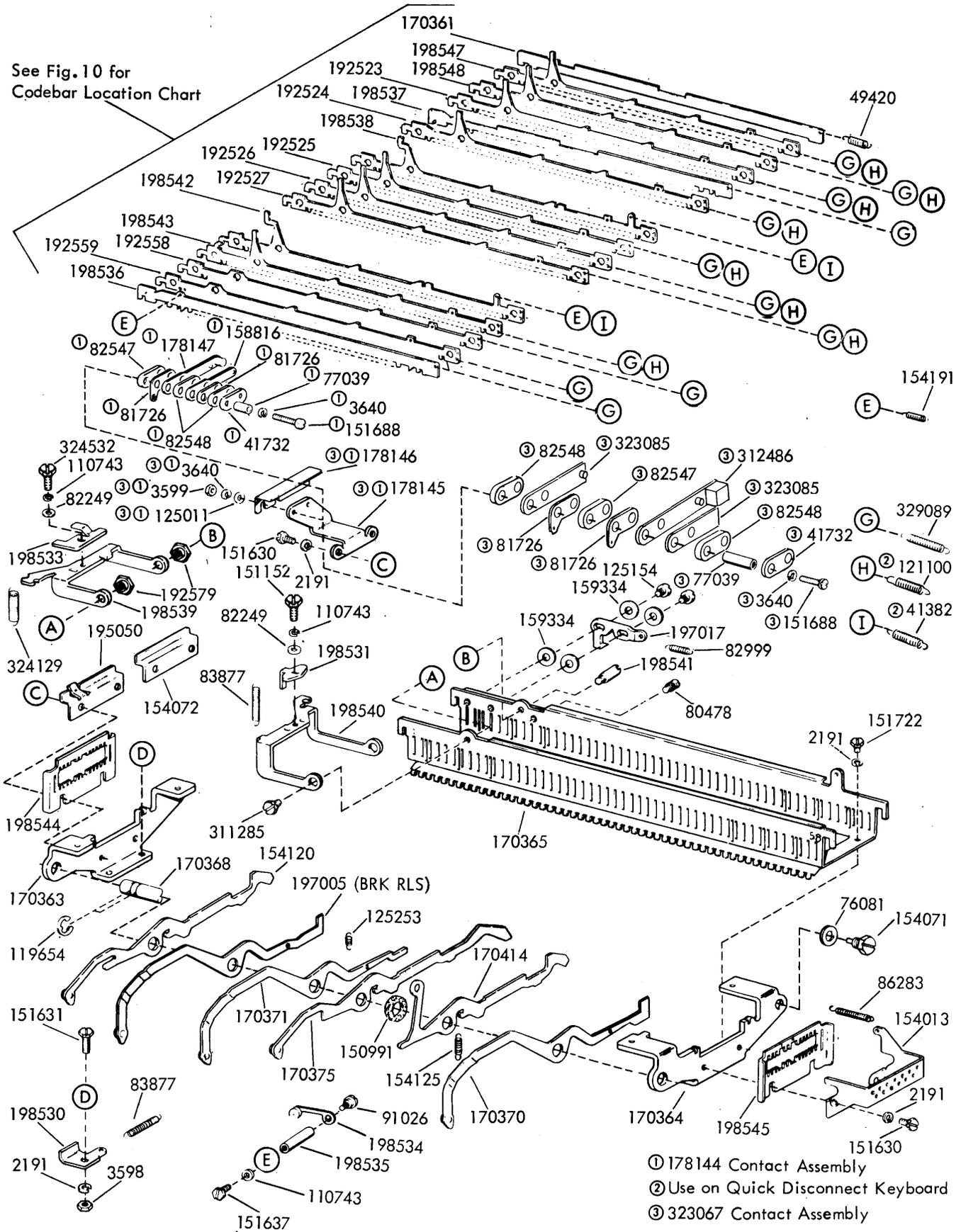
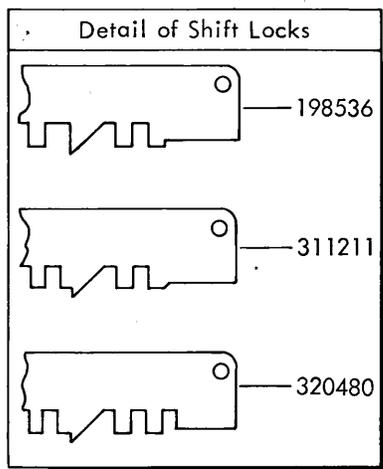


Fig. 9—Codebar Mechanism (Even Parity)

Location Chart for Even Parity - Codebars											
Codebar Location	Shift Lock	⑧	①⑧	⑦	⑥	⑤	①⑤	④	③	②	①
Common Code See Fig. 9	198536 See Detail Below	198543 (8)	198542 (8I)	192527 (7)	192526 (6)	192525 (5)	198538 (5I)	192524 (4)	192523 (3)	198548 (2A)	198547 (1A)
Escape II	198536 See Detail Below	198543 (8)	198542 (8I)	308431 (7A)	308430 (6A)	192525 (5)	198538 (5I)	192524 (4)	308429 (3A)	198548 (2A)	192521 (1)
S.D.S. Auto. I.D.P. ②	311211 See Detail Below	311208 (8S)	311533 (8U)	311531 (7R)	311201 (1S)	311205 (5S)	311209 (5T)	311202 (2S)	311204 (4S)	311203 (3S)	311206 (6S)
355 Bell System Code											
S.D.S. SIGMA Series	320480 See Detail Below	320478 (8D)	324580 (8L)	320476 (6D)	320477 (7D)	320475 (5D)	320479 (5E)	320474 (4D)	320473 (3D)	320472 (2D)	320471 (1D)



Codebar Stamping

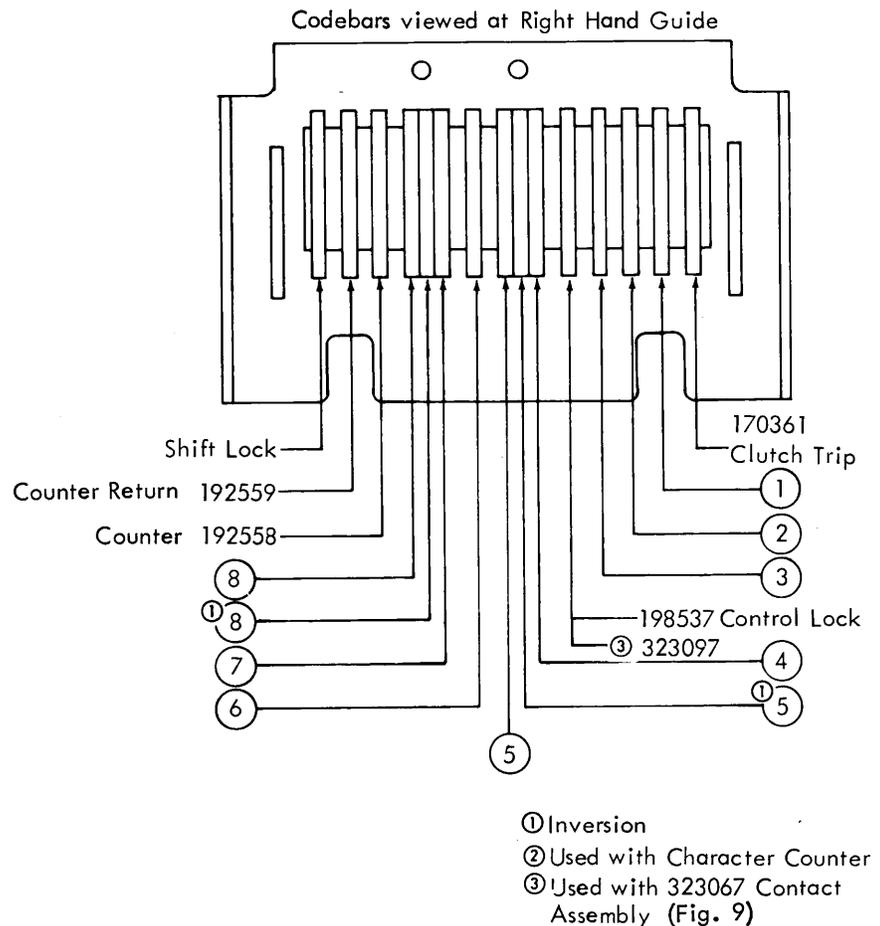
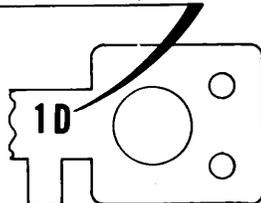


Fig. 10—Codebars (Even Parity)

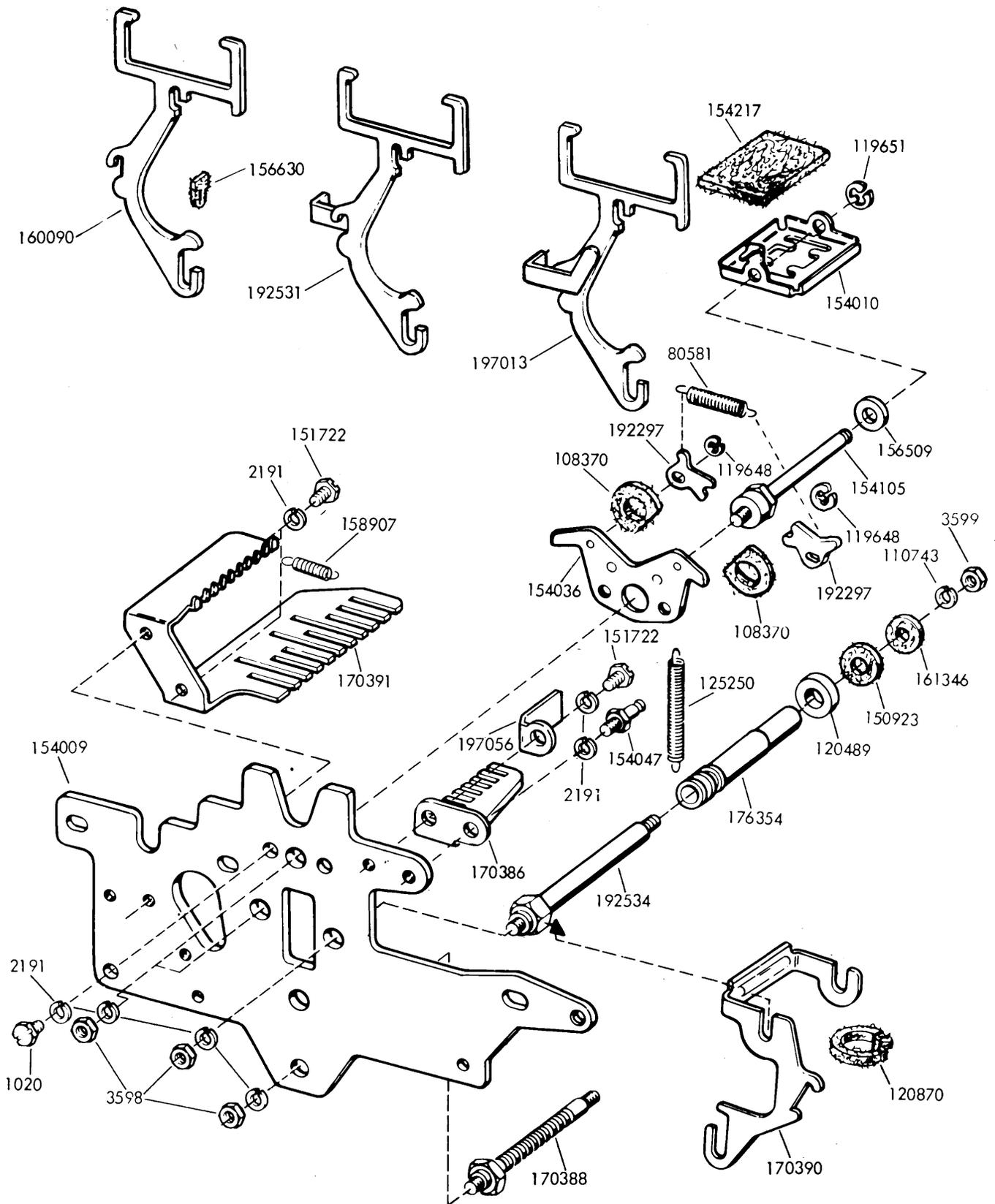


Fig. 15—Signal Generator Front Plate Mechanism

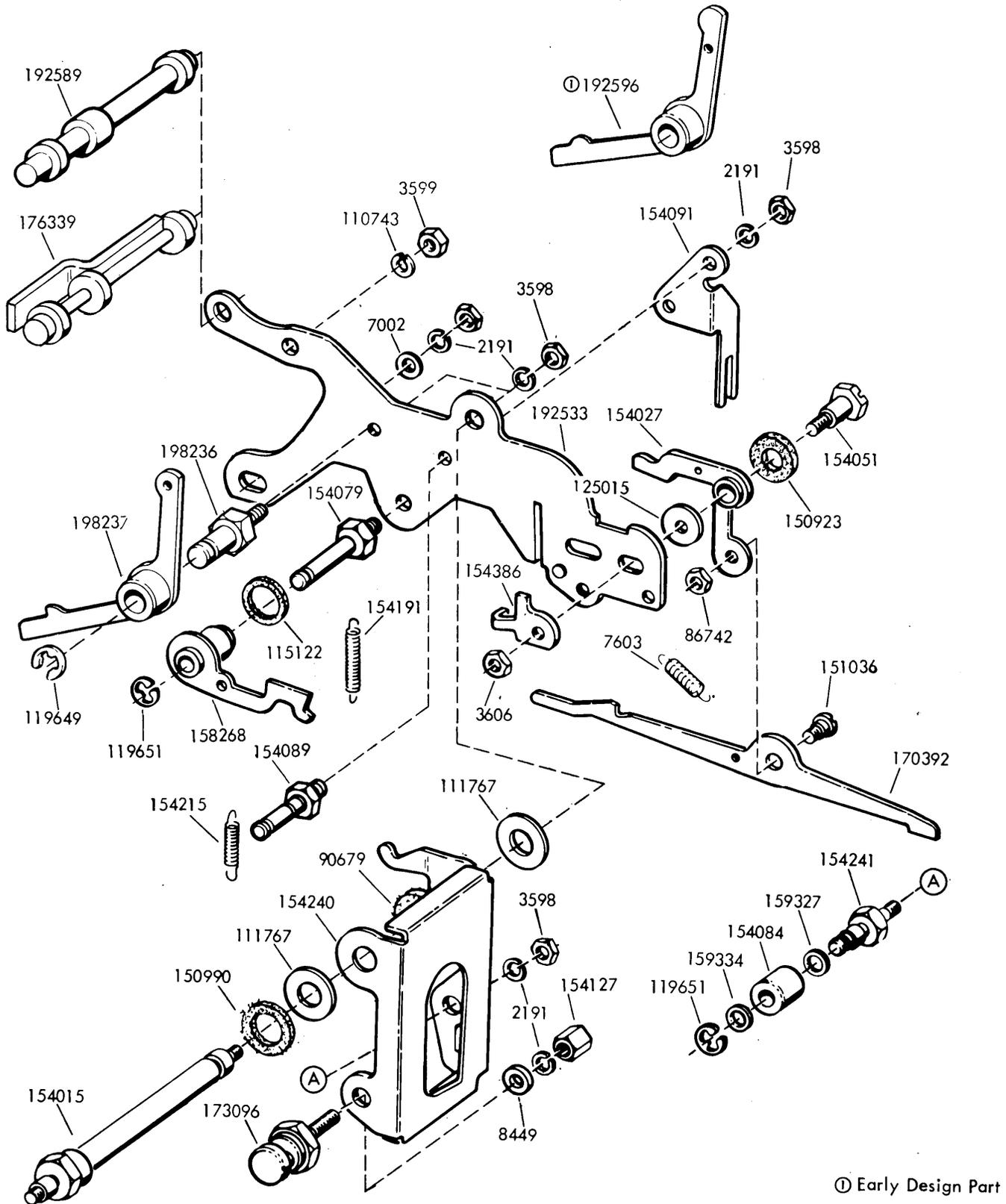


Fig. 16—Signal Generator Rear Plate Mechanism

Ⓐ Early Design Part

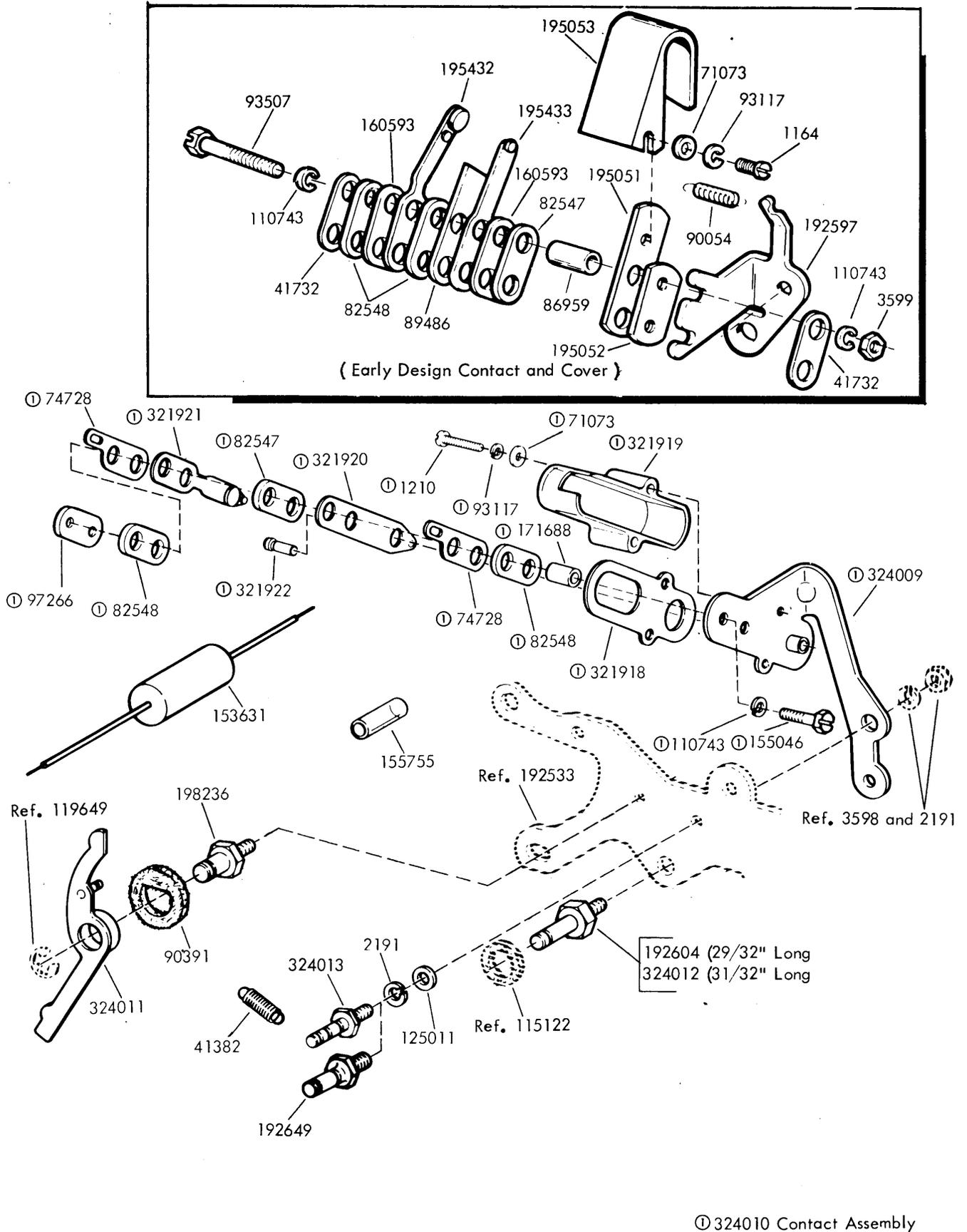
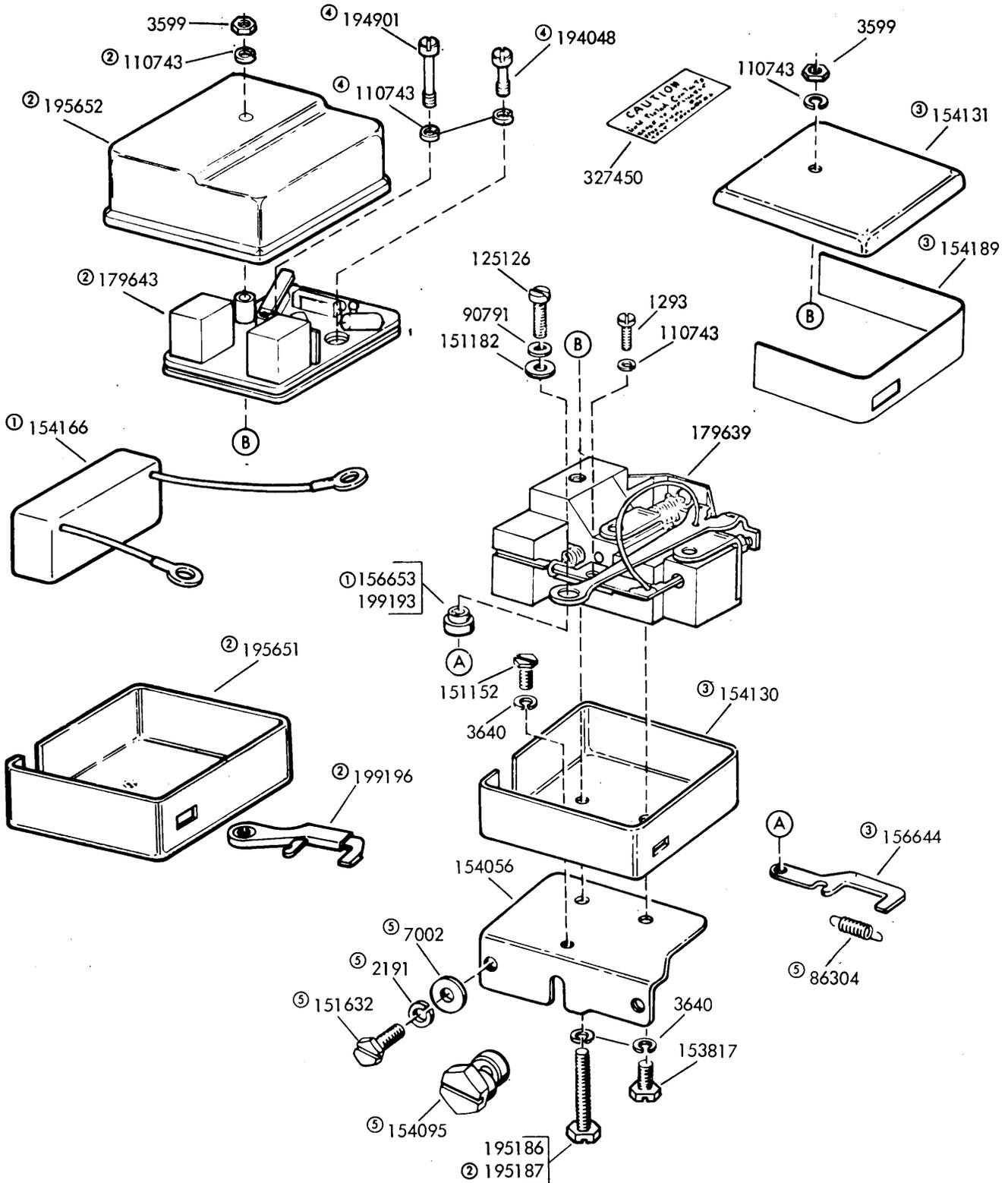


Fig. 17—Signal Generator Rear Plate Contact Mechanism

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- ① Peculiar to 197019 (Arc Suppression)
- ② Peculiar to 199070 (RF Suppression)
- ③ Peculiar to 176352 and 197019
- ④ Supplied with 179643
- ⑤ Not supplied with Contact Box Assemblies

Fig. 18—176352, 197019, and 199070 Contact Box Assemblies

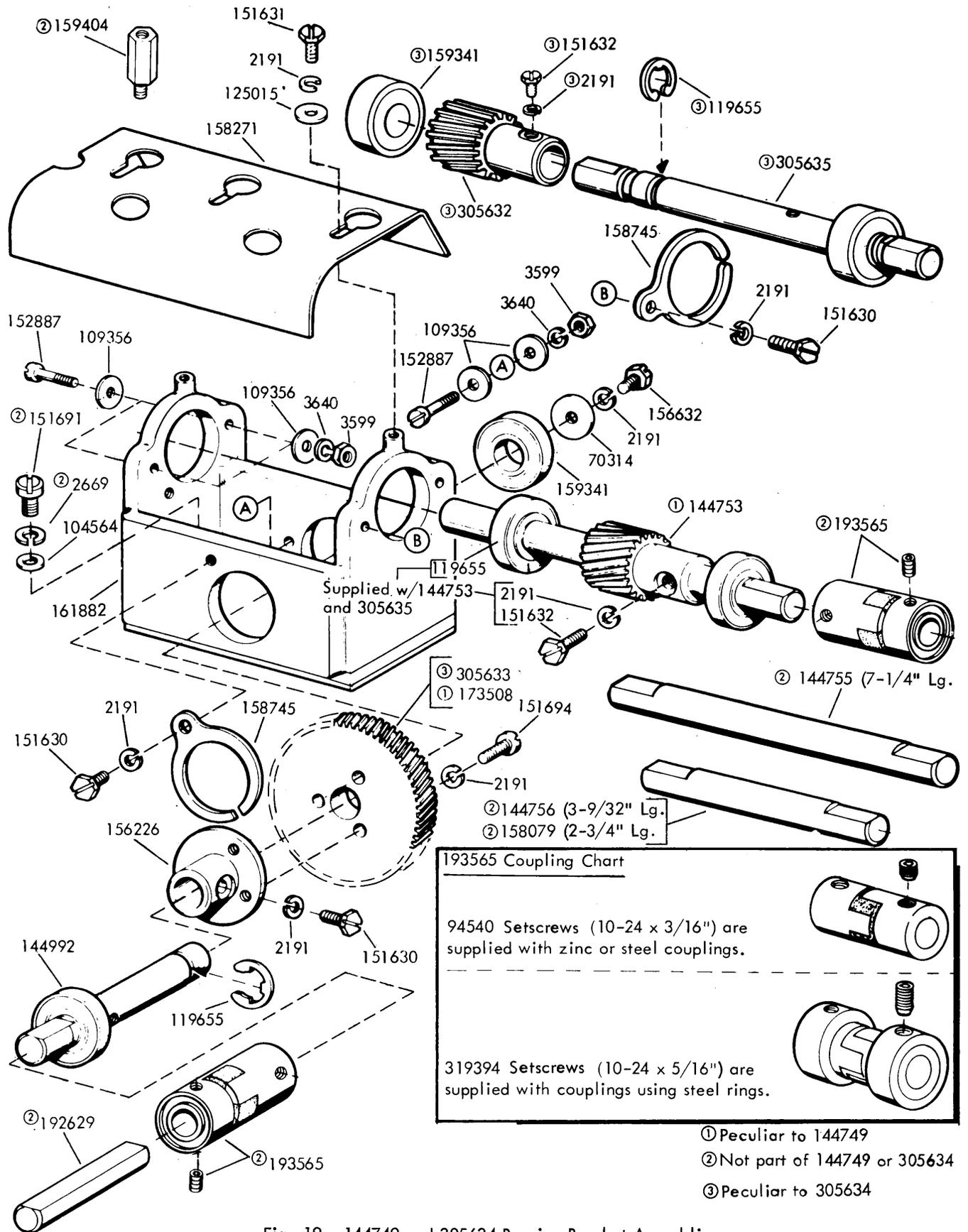


Fig. 19—144749 and 305634 Bearing Bracket Assemblies

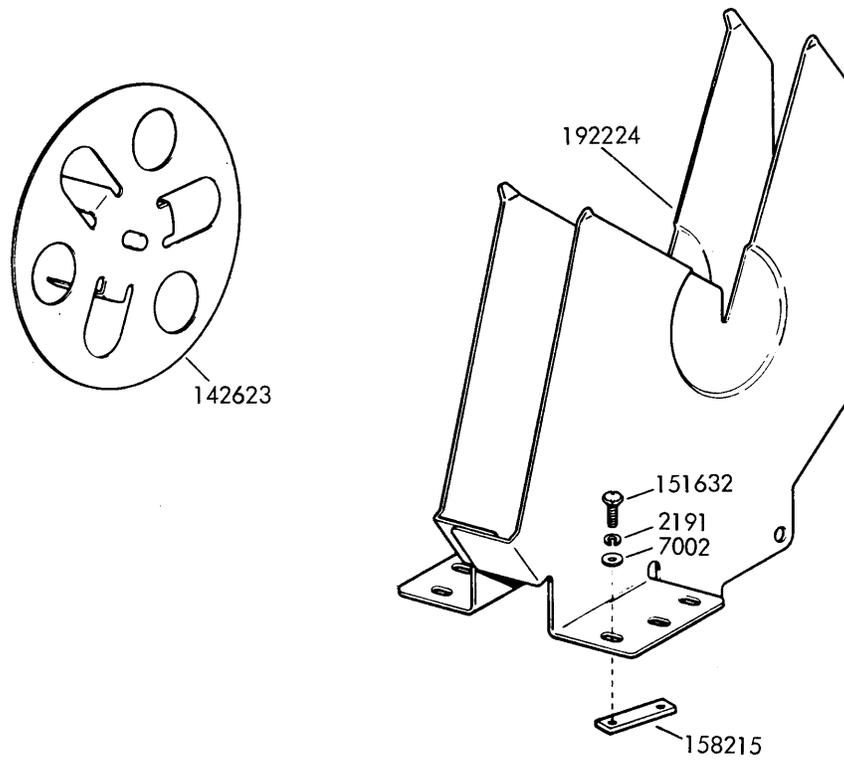
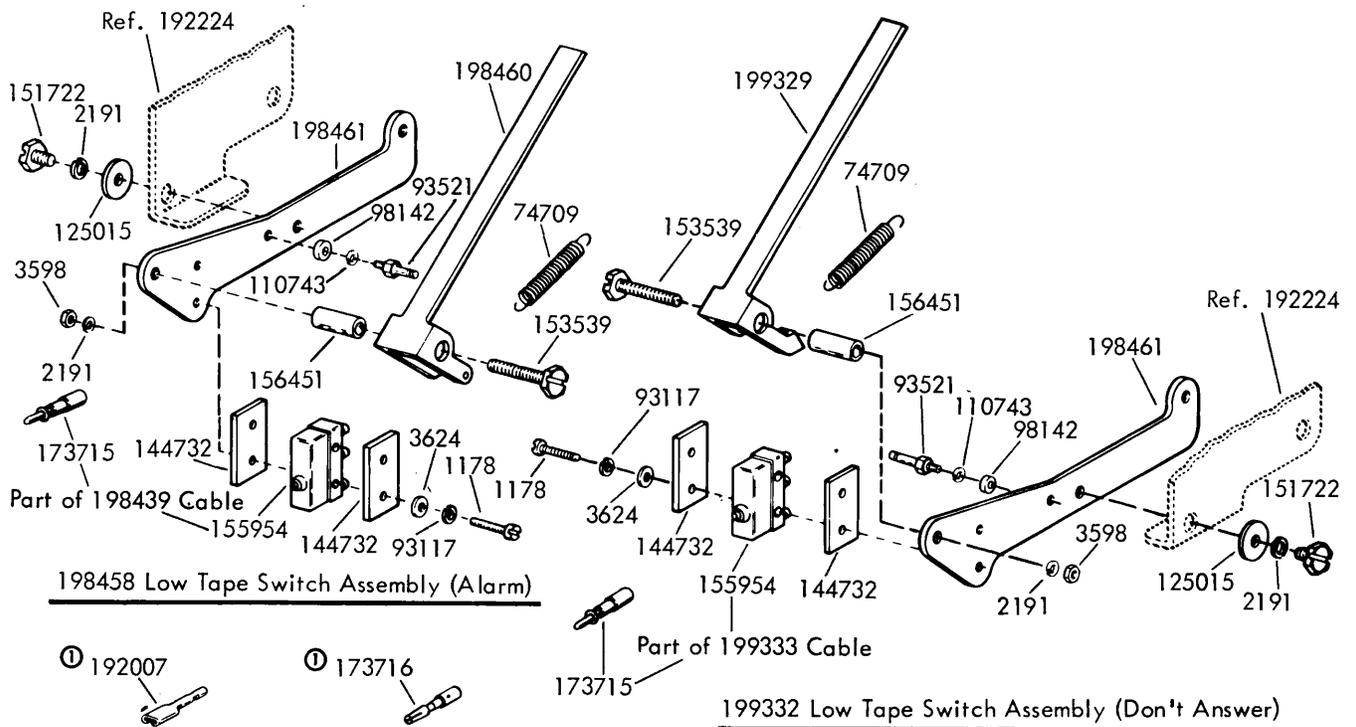


Fig. 21—Tape Container



Specification 503585
 ① Part of 199334 Cable

Fig. 22—199330 Modification Kit to Provide Alarm and Don't Answer on Low Tape

CABLE CLAMPS



Part No.	I.D.
121242	1/8
121243	3/16
121244	1/4
121245	5/16
121246	3/8
121247	7/16
121248	1/2
121249	5/8
121250	3/4
121251	1

GROMMETS



Part No.	A	B	C
154156	3/16	5/16	1/32
154697	1/4	.381	3/32

JUMPERS

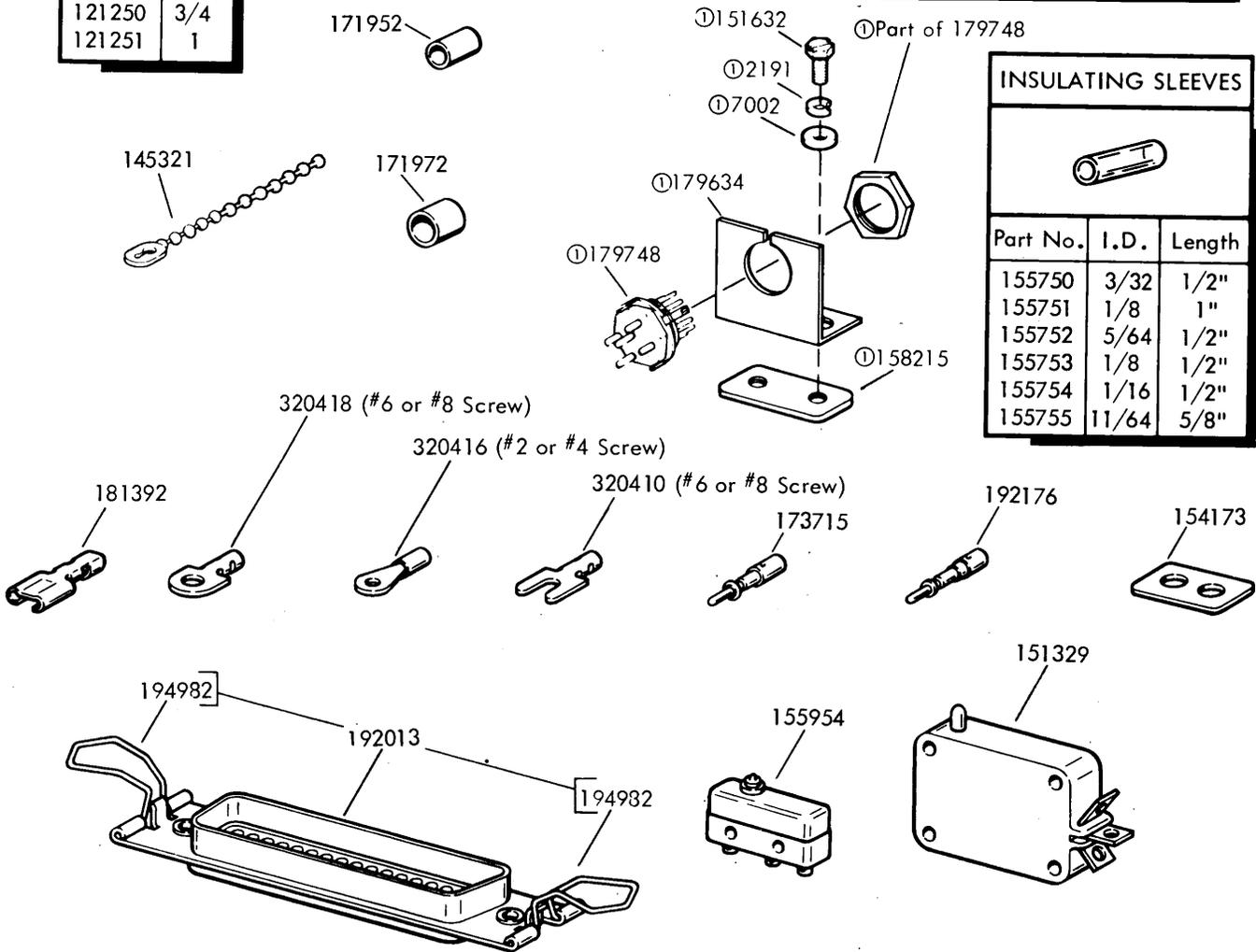


Part No.	Length	Color	Terminals (Amt)
192318	2-3/4"	Black	173715 (2)
197027	9"	Black	181392 (2)
156777	2"	Black	320410 (2)

INSULATING SLEEVES



Part No.	I.D.	Length
155750	3/32	1/2"
155751	1/8	1"
155752	5/64	1/2"
155753	1/8	1/2"
155754	1/16	1/2"
155755	11/64	5/8"



① Used with 199070 Contact Box Assembly

Fig. 23—Cable Components

KEYTOP DESCRIPTION	PART NO.						
① LOC LF	151249	BELL	180341	KBD UNLK	184715	TAB TX	185091
① LOC CR	151250	TAB	180373	ERROR	184719	⑤ CTRL	185159
① REPT	151254	CAR RET	180380	CLR KYBD	184734	C/R EOB ⑤	185190
① LOC BSP	153280	ESC	180382	BLK	184748	⑤ TAB	185194
RUB OUT	180201	BACK SPACE	180402	FORM OUT	184819	⑤ MTAB	185195
RE TURN	180202	EOT	180440	DE LETE	184842	RUN OUT	185211
LINE FEED	180203	DIV	180441	THIN ADD	184846	BLANK FIGS	185222
HERE IS	180206	STORE	180442	SPACE EM	184847	SPACE	185223
BREAK	180207	TYPE ORD	180443	THIN SPACE	184848	NEW LINE	185227
REPT	180208	SECT	180444	SPACE EN	184849	EOM	185228
FIGS	180210	① CTRL	181253	ELEV	184858	TAPE FEED	185268
LTRS	180211	③ CTRL	181971	TAPE	184859		
ALT MODE	180257	C/R EOB	183920	INT	184862		
No Characters	180299	④ No Characters	184347	SKIP	184871		

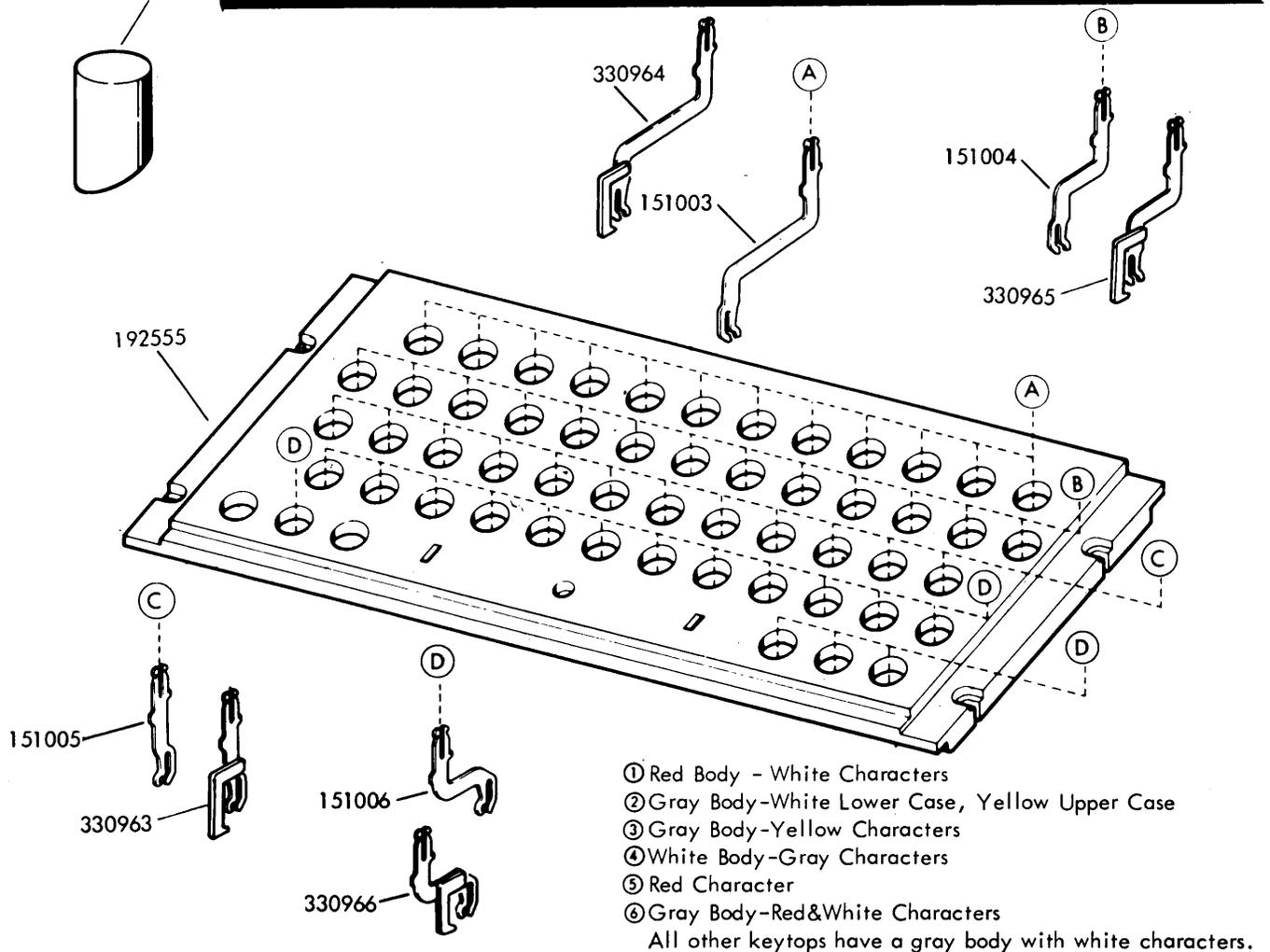


Fig. 24—Keytops and Keylevers

KEYTOP DESCRIPTION	PART NO.						
A	180181	C 1/8	180377	E (	184725	G I	184824
A -	180223	C EOM	180432	E &	184745	ⓐG BEL ⓑ	185173
A !	180391	ⓐC	184345	E ENQ	185146	G ↘	185233
A SOM	180427	c	184677	E WRU ⓑ	185175	G BELL ⓑ	185273
A SOA	180435	C ETX	184867	E COND ⓑ	185200		
ⓐA SOM	183891	(C) NO	185145	E ENQ ⓑ	185283		
ⓐA	184343	C ETX ⓑ	185165	E 4A	185294	H	180186
a	184675	C *	185212			H #L	180228
a B	185059	C O	185238	F RU	180184	H STOP	180378
(A) 10	185143	C ENX	185243	F \$L	180226	H ₤	180388
ⓐA SOH	185148	ⓑC EOM	185286	F 1/4	180241	H (	180396
ⓐA SOH ⓑ	185169	C 4B	185293	F 1/4	180241	H FE	180437
A ↑	185230			F 9T	180258	H #	180448
A PA	185291			F	180273	h	184682
		D EOT	180183	F !	180343	H BS ⓑ	185163
		D +	180255	F <u>RU</u>	180371	H ↓	185234
B	180194	D \$	180240	F %	180386		
B ?	180236	D WRU	180277	F <	180410	I TAB	180178
B 5/8	180249	D	180278	F PRINT	180429	I 8	180220
B EOA	180381	D <u>EOT</u>	180370	F \$	180447	I	180262
B ▼▼	180392	D)	180409	f RU	184679	i TAB	184672
B SOT	180434	ⓐD	184346	F +	184730	i	185065
B BELL	180455	d EOT	184678	F ENT	184801	i ↻	185188
ⓐB	184344	D ←	184729	F →	185232	I TRAN ⓑ	185205
b	184683	D <	184823	F DR	185295	I TAB ⓑ	185271
B ç	184827	D EOT ⓑ	185170				
B STX	184868	D ↗	185231	G BELL	180185	J	180187
b +	185078			G &L	180227	J BELL	180229
(B) YES	185144	E WRU	180173	G &	180242	J '.	180243
ⓐB STX ⓑ	185166	E 3	180215	G <u>BELL</u>	180372	J ▼	180390
B ⊕	185240	E	180259	G ⓑ	180387	j	184660
B SOM	185242	E ç	180333	G ♥	180394	J =	185213
B RESET	185292	E <u>WRU</u>	180369	G ₣	180411	J ↗	185235
		E [	180404	ⓐG BELL	183890		
C	180192	E PRINT	180424	g BELL	184681	K VT	180188
C :	180234	ⓐE WRU	183889	G [	184727		
C WRU	180247	e WRU	184663				

ⓐ Red Body - White Characters

ⓑ Gray Body - White Lower Case, Yellow Upper Case

ⓒ Gray Body - Yellow Characters

ⓓ White Body - Gray Characters

ⓔ Red Character

ⓕ Gray Body - Red&White Characters

All other keytops have a gray body with white characters.

Fig. 25 — Keytops

KEYTOP DESCRIPTION	PART NO.						
K (	180230	I ~	184835	N ∇∇	180364	P |	180263
K 1/2	180244	L &	184873	N 7/8	180379	P |	180314
K	180280	L &	184889	N]	180416	P ..	180327
K VT \$	180361	L ≠	185064	n ↑	184661	P >	180359
K VT [	180430	L ≠	185127	N ≡	184708	P ∅	180389
K BP	180449	L \ FF	185149	N)	184711	P Δ	180407
K [	184664	L FORM ⑤	185164	N ⑆	184738	P —	180439
K !	184731	L ~ FF ⑤	185172	N |	184866	P DCO	180459
K (|VT	184803	L FF S4 ⑤	185176	N :	184891	P 10	184658
K [VT	184870	L M] ⑤	185191	N BLK	185092	P Σ	184707
K ↵	184888	L ↵	185219	N ^	185132	P √	184714
k	185080	L ↵	185237	N CALL	185296	P]	184728
K|	185090	L \ FF ⑤	185270			P ^	184805
K '	185106	L ≤ FFO	185272			P]	184821
K]	185126	L \	194227			P →	184834
K ≤	185142			O	180169	P →	184865
K [VT ⑤	185171			O O ↑	180179	P @ L	184872
K -	185214	M	180196	O 9	180221	P \	184887
K ←	185236	M ·	180238	O ∇ ·	180313	P ▽	184887
		M <	180316	O →	180326	P)	185125
		M <	180330	O <	180358	P ↵	185140
		M ◊	180330	O ;	180406	P &	185265
L FORM	180189	M ?	180365	O ↑	184673	P DLE	180282
L)	180231	M]	180384	O 7	184706	P PL-2	185298
L 3/4	180245	M *	180417	O ^	184735		
L	180281	m]	184665	O %	184746		
L FFC] =	180362	M ≠	184836	O @	184814	Q	180171
L \	180385	m	185079	∅ ↑	184860	Q 1	180213
L FF \	180431	M|	185093	O —	184864	Q BR	180355
L EA	180450	M S	185099	O +	184886	Q START	180422
L -	184668	M ,	185105	) |	185089	Q DC-1	180456
L FM] ≤	184710			O S7 ⑤	185177	②Q X-ON	183888
L DEL	184713			O Δ ⑤	185189	q	184659
L \$	184732	N ↑	180195	O TRAN ⑥	185206	Q (	184741
L '	184744	N ,	180237	O PL-1	185297	Q X-ON	184869
L )|FO	184802	N >	180250			Q RLF ⑤	185160
L |	184804	N ?	180315	P .	180180	Q X-ON ⑤	185197
L V	184806	N X	180340	P O	180222	Q ADM ⑤	185198

- ① Red Body - White Characters
 - ② Gray Body - White Lower Case, Yellow Upper Case
 - ③ Gray Body - Yellow Characters
 - ④ White Body - Gray Characters
 - ⑤ Red Character
 - ⑥ Gray Body - Red&White Characters
- All other keytops have a gray body with white characters.

Fig. 25 — Keytops (Cont)

SECTION 574-222-800

KEYTOP DESCRIPTION	PART NO.	KEYTOP DESCRIPTION	PART NO.	KEYTOP DESCRIPTION	PART NO.	KEYTOP DESCRIPTION	PART NO.
Q >	185215	T TAPE	180175	V —	184826	Y T. STP	185307
Q DC-1	185274	T 5	180217	V ⊕	185239	Z	180190
Q 1A	185299	T	180261	V SYN ⑤	185281	Z ∇∇L+	180232
		T P-O	180357	V 8B	185304	Z "	180246
		T PUNCH	180426			Z +	180275
R TAPE	180174	† TAPE	184667			Z PR	180451
R 4	180216	T ?	184743	W	180172	z	184671
R	180260	† f	185087	W 2	180214	Z &	184800
R P-OFF	180356	T PR ⑤	185162	W \	180403	Z SUB ⑤	185279
R PUNCH	180425	T TAPE ⑤	185168	W LEM	180423	Z EOR ⑤	185288
R SEP	180454	T BR ⑤	185202	w	184662	Z 1B	185308
R DC-2	180457	T NAL	185210	W /	184740	FS	184815
r TAPE	184666	T →	185217	W >	184861	GS	184816
R)	184742	T DC-4 ⑤	185277	W DSCH	185199	RS	184817
R FS ⑤	185161	T T-FWD	185302	W ETB.	185278	US	184818
R TAPE ⑤	185167	④T	185395	W SOR	185287	PF	184844
R EXPR ⑤	185201			W ETB	185289	LD EM	184850
R ≥	185216			W DC7	185290	LR	184851
R DC-2 ⑤	185275	U	180177	W 2A	185305	VR	184852
R 8A	185300	U 7	180219	X	180191	QR	184853
S X-OFF	180182	U ERROR	180312	X /	180233	UR	184854
S ∇	180224	U C	180405	X ++	180414	QL	184855
S BELL	180239	u ·	184670	X SEP	180453	QC	184856
S	185282	U %	184726	x	184674	LD EN	184857
S R-C	180360	U NA	185147	X ↑	184733	ENDE	185134
S STOP	180428	U RPT	185204	X @	184747	FEHLER	185135
S RM	180446	U T-REV	185303	X ?	184825	ANRUF	185136
S DC-3	180458	V	180193	X ∅	185218	④ YES	185392
② S X-OFF	183892	V ;L=	180235	X X	185224	④ NO	185393
S X-OFF	184676	V 3/8	180248	X CAN ⑤	185280	1 !	180160
S e	185086	V =	180276	X 2B	185306	1	180264
S X-OFF ⑤	185174	V ;	180342	④ X	185396	1 1/8	180284
S DC-3	185276	V ~	180415	Y	180176	1]	180301
S RPR	185301	V PRINT	180433	Y 6	180218	1 O	180320
④ S	185394	V NT	180452	y	184669	1 #	180337
		v	184680	Y DIAG	185203	④ 1	184334
		V "	184712	Y EM ⑤	185285	1 |	184651

- ① Red Body - White Characters
- ② Gray Body - White Lower Case, Yellow Upper Case
- ③ Gray Body - Yellow Characters

- ④ White Body - Gray Characters
- ⑤ Red Character
- ⑥ Gray Body - Red&White Characters

All other keytops have a gray body with white characters.

Fig. 25 — Keytops (Cont)

KEYTOP DESCRIPTION	PART NO.						
1 ≡	184700	3 1/2	184874	5 ~	184831	7 ≡	184833
1 °	184875	3 2	184877	5 —	184879	7 /	184863
1 DD2	184828	3 3.	185053	5 5.	185055	7 }	184881
1 1.	185051	3	185081	5	185088	7 1/2	184896
1	185069	3 ^	185095	5 V	185096	Z	185073
1 ⊕	185100	3 3	185112	5 S	185114	7 7	185116
1 1	185110	3	185180	6 &	180165	7 &	185122
1 @	185120	4 \$	180163	6	180269	7 ▽	185138
1 ≥	185141	4	180267	6 3/4	180289	8 (	180167
1 ⊕	185178	4 1/2	180287	6 ←	180305	8	180271
2 "	180161	4 ■	180322	6 FORM	180345	8 -	180291
2	180265	4 —	180348	6 ^	180350	8]	180307
2 1/4	180285	4 EOT	180393	6 <	180400	8 ~	180352
2 +	180302	4 ▼	180398	④6	184339	④8	184341
2 ▷	180321	④4	184337	6 ÷	184705	8 ⊕	184811
2 11	180344	4 ,	184654	6 =	184723	8 (	184882
2 ▽	180346	4 /	184703	6 !	184809	8 5/8	184897
④2	184335	4 @	184721	6 ≥	184832	8 ←	185057
2 ∴	184652	4 □	184807	6 {	184880	8	185074
2 ∪	184701	4 ∇	184830	6 6.	185056	8 8	185117
2 :	184720	4 £	184838	6	185072	8 x	185123
2 1	184876	4 3	184878	6 ≥	185097	8	185185
2 2.	185052	4 4.	185054	6 6	185115	9)	180168
2	185082	4	185071	6 ?	185121	9	180272
2 ≪	185094	4 4	185113	6 Δ	185139	9 &	180292
2 2	185111	5 %	180164	7 ↗	180166	9 (	180308
3 7	180162	5	180268	7	180270	9 ▽	180375
3	180266	5 5/8	180288	7 7/8	180290	④9	184342
3 3/8	180286	5 =	180304	7 [	180306	9 →	184812
3 —	180303	5 c/o	180323	7 ≥	180339	9)	184883
3 ■	180334	5	180338	7 V	180351	9 3/4	184898
3 ←	180347	5 U/∞	180349	7 BELL	180395	9 A	185058
3 =	180397	5 :	180399	7 ✓	180401	9	185066
④3	184336	④5	184338	④7	184340	9 9	185118
3 ‘	184653	5]	184655	7 \	184724	90	185186
3	184702	5 ’	184722	7 P	184810	0 ?	180293
3 .	184737	5 u	184808	7 "	184820	0 >	180309
3 ≲	184829						

① Red Body - White Characters

② Gray Body - White Lower Case, Yellow Upper Case

③ Gray Body - Yellow Characters

④ White Body - Gray Characters

⑤ Red Character

⑥ Gray Body - Red&White Characters

All other keytops have a gray body with white characters.

Fig. 25 — Keytops (Cont)

KEYTOP DESCRIPTION	PART NO.						
∅	180374	↖ ^	180328	≠ →	184890	+	185244
∅ <	180376	// ,	180331	┌ <	184892	|	185245
∅ 0	185119	/ .	180332	┐ >	184893	⌋	185246
∅ 0	185187	*	180335	[=	184894	△	185247
○ →	184839	—	180336	/ ■	184895	⌋	185248
□	184840	( [	180353	— 7/8	184899	┌	185249
10 /	180319	) ]	180354	⊗ (oversize)	184900	?	185260
10	185075	+ -	180363	— d	185060	□	185261
④10	185391	, ;	180366	g	185062	:	185262
11	185076	. :	180367	○ c	185085	: □	185263
12	185077	* /	180368	≡ ?	185098	. \$	185264
13	185084	⌘	180408	⊗	185101	/ *	185266
14 q	185083	+	180412	%	185102	% +	185267
15 r	185067	\$	180413	.	185103	■	185269
16 ∅	185068	,	180418	/ :	185104	CTRL	192299
17	185061	.	180419	\$ =	185108	SHIFT	192510
18	185063	/	180420	⊗ *	185109	CNFM	194226
19	185070	— @	180421	/ x	185124	BRK RLS	①197040
— =	180170	— *	180436	/ >	185128	LOC SLF	①198241
· <	180197	+ +	180438	· <	185129	CTRL	③305064
· >	180198	X :	184656	≥ ≤	185130	CTRL	①323798
; +	180199	≡ =	184657	[	185131	ELF	329251
/ ?	180200	/ 10	184709	⋮	185133		
: *	180205	&	184716	<≡	185137		
\$!	180283	>	184717	" 2 ⑤	185179		
; :	180294	<	184718	\$ 4 ⑤	185181		
) (	180295	, E	184736	? 5 ⑤	185182		
, ,	180296	. ^	184739	= 6 ⑤	185183		
, .	180297	=	184749	▽ 7 ⑤	185184		
, ' .	180298	↓ +	184813	⑤ +	185192		
^ √	180300	∧ +	184822	⑤ -	185193		
— *	180310	/ ↓	184837	⑤ ┌	185196		
, ↑	180311	3	184841	(	185220		
. ↓	180317	- +	184843	)	185221		
* :	180318	: :	184845	⊖	185225		
— ☆	180324	. ,	184884	;	185226		
	180325	÷ /	184885	-	185229		

- ① Red Body - White Characters
 - ② Gray Body - White Lower Case, Yellow Upper Case
 - ③ Gray Body - Yellow Characters
 - ④ White Body - Gray Characters
 - ⑤ Red Character
 - ⑥ Gray Body - Red&White Characters
- All other keytops have a gray body with white characters.

Fig. 25 — Keytops (Cont)

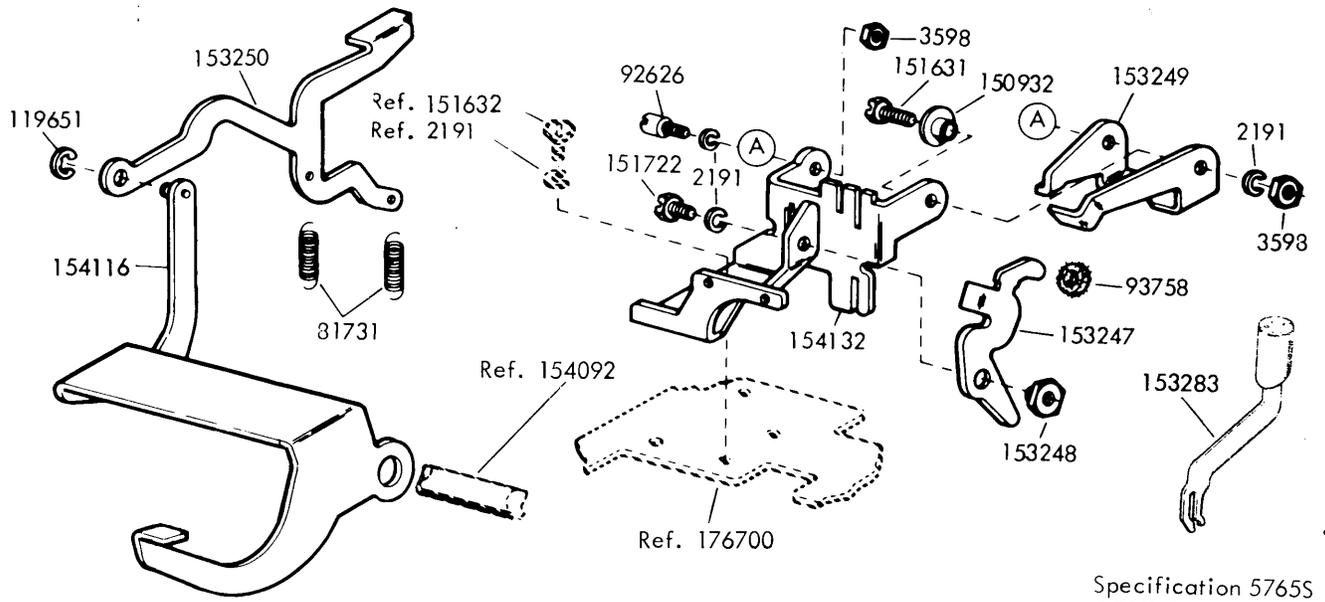


Fig. 26—154145 Modification Kit To Provide Local Reverse Line Feed Mechanism

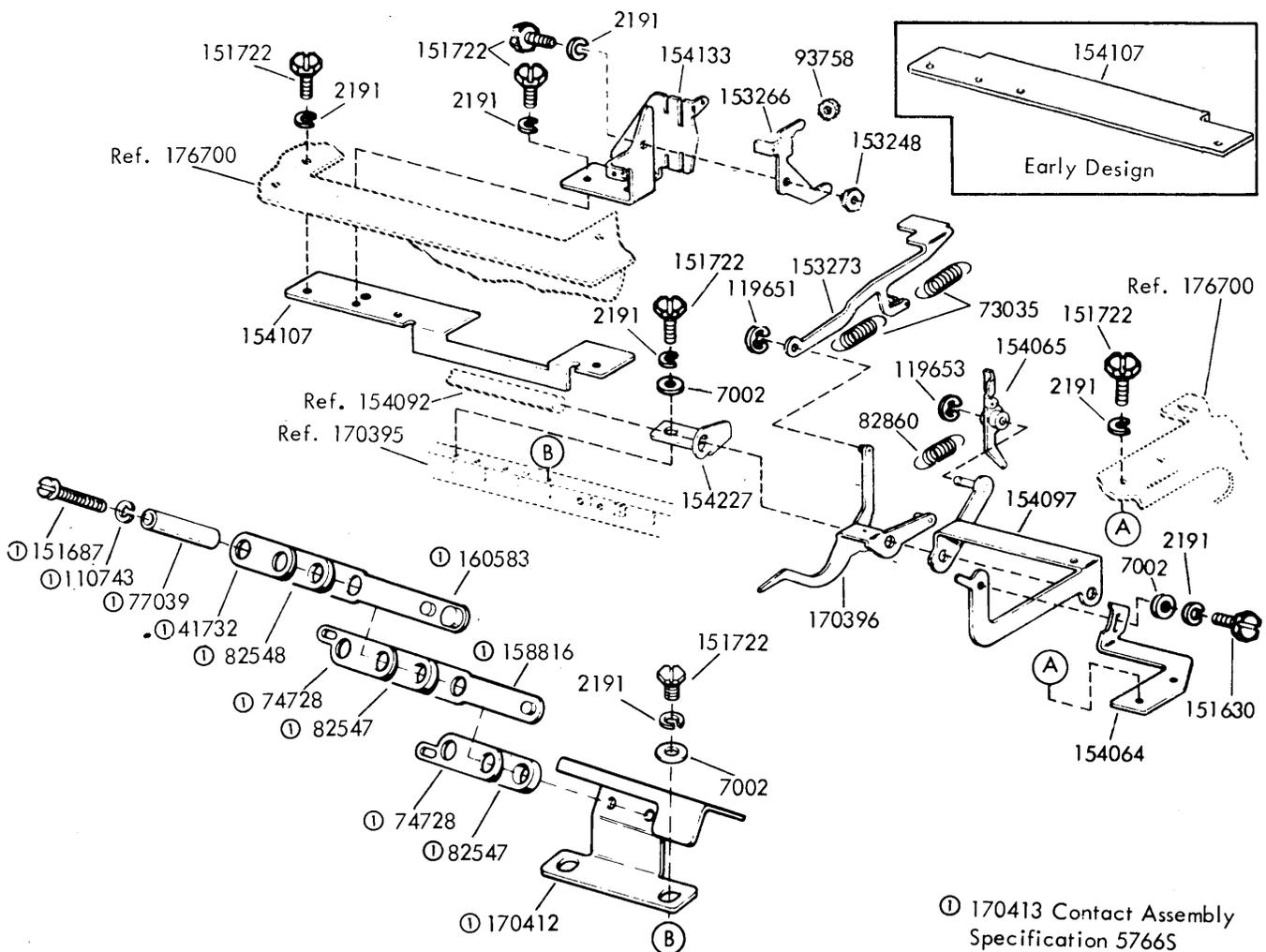
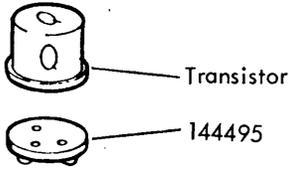


Fig. 27—199999 Modification Kit to Provide Local Backspace Mechanism



Reference Designation	Part No.	Total Qty.	Description
C1-C2	148833	2	Capacitor, 0.1 MFD
C3-C4	300384	2	Capacitor, 0.0047 MFD
CR1-3	177108	3	Diode, D2
CR4-5	197464	2	Diode, IN914
CR6	300102	1	Diode, D4
CR7	323607	1	Diode, Zener, IN970B, 24 V
CR8	300385	1	Diode, Zener, 1N759, 12V-
CR9	323606	1	Diode, Zener, IN4747A, 20V
CR10	178844	1	Varistor, 100A
R1-R6	129854	6	Resistor 10K Ohms
R7	118144	1	Resistor, 2.7K Ohms
R8	143667	1	Resistor, 3.9K Ohms
R9	137443	1	Resistor, 1.8K Ohms
R10-12	129853	3	Resistor, 2.2K Ohms
R13-14	118186	2	Resistor, 5.6K Ohms
R15-R17	118177	3	Resistor, 22K Ohms
R18	118154	1	Resistor, 47K Ohms
Q1-Q4	315930	4	Transistor, 2N3568
Q5	315932	1	Transistor, MM2259
Q6	181625	1	Transistor, 2N1302

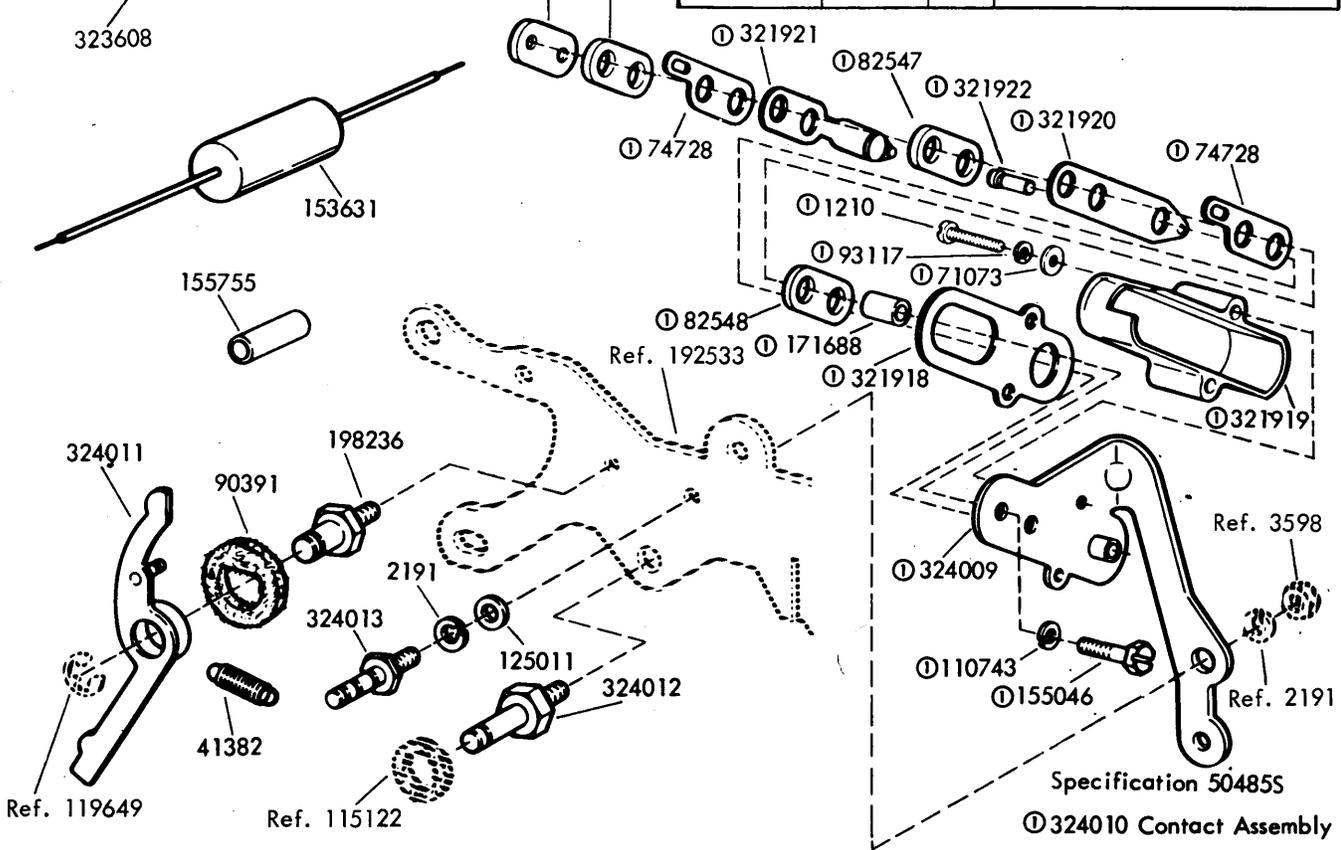
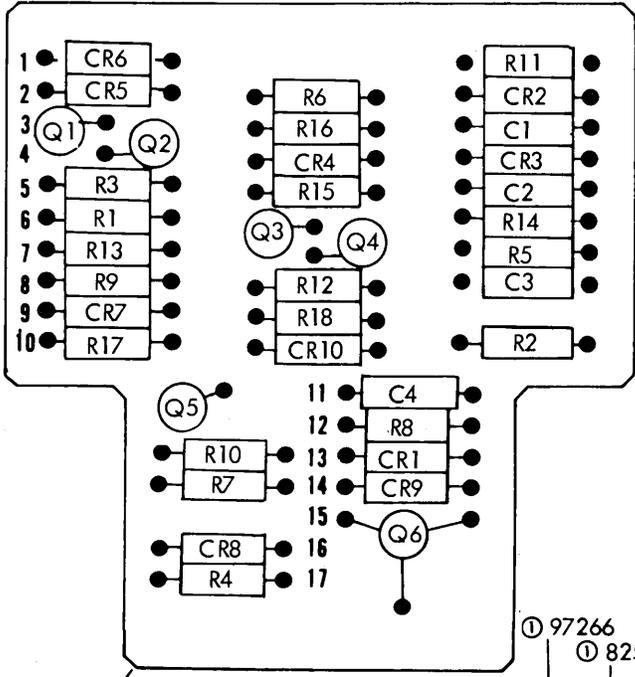


Fig. 28—324584 Modification Kit for Signal Regenerator

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1012	Screw, 6-40 Shoulder 4	74709	Spring 21	104827	Bearing, Ball 7
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1118	Screw, 6-40 Shoulder 20	74755	Washer, Felt 13	109356	Washer, Flat 19
1164	Screw, 2-56 x 3/16 Fil 17	74805	Screw, 10-32 x 3/4 Hex 13	110437	Spring 4
1178	Screw, 2-56 x 7/16 Fil 21	76081	Washer, Flat 9,10,20	110743	Lockwasher 4,5,10,12,13, 14,15,16,17,18,20,21, 29,30
1210	Screw, 2-56 x 5/8 Fil 17, 30	76099	Washer, Flat 13	111017	Screw, 6-40 x 5/16 Hex 2
1256	Setscrew, 6-40 5	77039	Bushing, Insulating 5,9, 10,29	111767	Washer, Flat 16
1257	Screw, 10-32 x 1-1/8 Fil 6	80478	Post, Spring 10	112485	Screw, 6-32 x 1/4 Fil 3
1293	Screw, 4-40 x 1/8 Fil 18	80581	Spring 4,15	112626	Nut, 10-32 Hex 7,13
2191	Lockwasher 2 to 10,12,13, 15 to 22,29,30	81726	Terminal 9,10	112627	Nut, 2-56 Hex 12
2415	Spring 10	81731	Spring 2,3,9,29	112630	Spring 2
2422	Lockwasher 3	82249	Washer, Flat 10	114876	Washer, Flat 20
2481	Washer, Flat 20	82547	Insulator, .094" Thk 5, 9,10,17,29,30	115122	Washer, Felt 13,16,17,30
2669	Lockwasher 2,6,7,13,19	82548	Insulator, .062" Thk 5, 9,10,17,29,30	115141	Screw, 6-40 Shoulder 20
3438	Washer, Flat 2,7	82860	Spring 3,5,29	117416	Post 13
3598	Nut, 6-40 Hex 5,6,8,10, 12,13,15,16,17,20,29,30	82999	Spring 10	117535	Resistor, Cancelled 6
3599	Nut, 4-40 Hex 3,4,9,10, 12,15,16,17,18,19	83877	Spring 10	117608	Nut, Speed 8
3606	Nut, 6-40 Hex 4,16,20	85976	Washer, Flat 12	118144	Resistor, 2700 Ohm 30
3608	Spring 9	86283	Spring 9,10,12	188154	Resistor, 4700 Ohm 30
3624	Washer, Flat 21	86304	Spring 18	118177	Resistor, 22000 Ohm 30
3639	Lockwasher 2	86742	Nut, 4-40 Hex 16	118186	Resistor, 5600 Ohm 30
3640	Lockwasher 3,9,10,12,18, 19	86959	Bushing, Insulating 17	119648	Ring, Retaining 3,4,15
3870	Spring 2,13	89486	Stiffener 17	119649	Ring, Retaining 4,16,17, 30
4702	Spring 13	90054	Spring 17	119651	Ring, Retaining 2,3,8,15, 16,29
6970	Nut, 3/8-32 Hex 6	90391	Washer, Felt 17,30	119652	Ring, Retaining 13,20
7002	Washer, Flat 2,3,4,5,8,9, 12,13,16,18,20,21,22,29	90679	Washer, Felt 16	119653	Ring, Retaining 3,5,20, 29
7603	Spring 16	90791	Lockwasher 18	119654	Ring, Retaining 9,10
8330	Washer, Flat 6,7,8,9	91026	Screw, 4-40 Shoulder 10	119655	Ring, Retaining 19
8449	Spacer, .094" Thk 16	92626	Stud 29	120489	Spacer, .052" Thk 15
22746	Spring 20	93117	Lockwasher 12,17,21,30	120824	Washer, Felt 14
35826	Washer, Flat 6	93507	Screw, 4-40 x 3/4 Hex 17	120870	Wick, Felt 15
41382	Spring 10,17,30	93521	Post, Spring 21	121100	Spring 10
41732	Plate, Clamp 5,9,10,17,29	93758	Washer, Felt 3,29	121242	Clamp, 1/8 ID Cable 22
42823	Washer, Flat 14	93984	Lockwasher 4	121243	Clamp, 3/16 ID Cable 22
42827	Screw, 3-48 x 1/4 Fil 2	94540	Setscrew, 10-24 19	121244	Clamp, 1/4 Cable 22
49420	Spring, Torsion 5,9,10	97266	Plate, Clamp 17,30	121245	Clamp, 5/16 ID Cable 22
55669	Spring 3	97393	Screw, 6x40 Shoulder 20	121246	Clamp, 3/8 ID Cable 22
70314	Washer, Flat 19	98142	Washer, Flat 21	121247	Clamp, 7/16 ID Cable 22
71073	Washer, Flat 12,17,30	99803	Insulator, .094" Thk 5	121248	Clamp, 1/2 ID Cable 22
73035	Spring 3,29	102057	Screw, 4-40 Shoulder 3	121249	Clamp, 5/8 ID Cable 22
74014	Screw, 10-32 x 3/4 Hex 2	104463	Screw, 4-40 x 1/4 1	121250	Clamp, 3/4 ID Cable 22
		104564	Washer, Flat 19	121251	Clamp, 1 ID Cable 22
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		104807	Washer, Flat 4,20		

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125015	Washer, Flat 6,12,16,19, 21	150991	Washer, Felt 9,10,13	151694	Screw, 6-40 x 11/32 Fil 19
125126	Screw, 2-56 x 9/32 Fil 18	151003	Keylever 23	151712	Button, Pivot 7
125154	Screw, 3-48 Shoulder 10	151004	Keylever 23	151722	Screw, 6-40 x 3/16 Hex 2, 3,4,5,8,9,10,15,21,29
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125253	Spring 9,10	151036	Screw, 4-40 Shoulder 16	151725	Screw, 10-32 x 3/4 Fil 7
128271	Screw, 6-40 Shoulder 20	151080	Washer, Flat 12	151843	Screw, 6-40 Adjusting 12
128357	Ring, Retaining 14	151103	Spring 4	152045	Gaurd, Gear 2
129853	Resistor, 2200 Ohm 30	151113	Strip, Mounting 2	152441	Washer, Flat 4
129854	Resistor, 10000 Ohm 30	151118	Plate, Spacing 2	152839	Spring, Latch 20
137443	Resistor, 1800 Ohm 30	151146	Strap, Mounting 2	152887	Screw, 4-40 x 1/2 Hex 19
142623	Reel, Tape 21	151152	Screw, 4-40 x 3/16 Hex 4, 9,10,12,13,14,18,20	152893	Screw, 4-40 x 1/4 Hex 12
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144732	Insulator 21	151223	Screw, 4-40 Shoulder 8	153249	Bail, Transfer 29
144749	Bracket Assembly, Bearing 1,19	151224	Screw, 6-40 Pilot 8	153250	Link 3,29
144753	Shaft w/Bearing 19	151233	Spacer, .065" Thk 3	153266	Lever, Trip 3,29
144755	Shaft, 7-1/4" Lg 19	151249	Keytop 23	153273	Link 3,29
144756	Shaft, 3-9/32" Lg 19	151250	Keytop 23	153280	Keytop 23
144759	Spacer, .187" Thk 6	151254	Keytop 23	153283	Keylever Assembly 29
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144767	Plate w/Bracket, Bearing 6	151415	Block, Terminal 2	153631	Network, Spark Suppression 17,30
144769	Button, Pivot 6	151416	Nut, 6-40 Hex 2	153817	Screw, 4-40 x 3/8 Hex 12, 18
144770	Gear Assembly, Intermediate 1,6	151442	Screw, 6-40 x 1/2 Hex 6, 13	153819	Lockwasher 2
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148128	Washer, Flat 12	151630	Screw, 6-40 x 1/4 Hex 2, 3,6,7,8,9,10,19,29	154009	Plate, Front 15
148833	Capacitor, 1 MFD 30	151631	Screw, 6-40 x 5/16 Hex 2, 3,7,8,10,12,13,19,20,29	154010	Bail, Transfer 15
150013	Disc, Adjusting 14	151632	Screw, 6-40 x 3/8 Hex 2, 3,6,7,8,18,19,21,22,29	154013	Bracket, Spring 9,10
150026	Lever, Shoe Release 14	151637	Screw, 4-40 x 1/4 Fil 3, 10,20	154015	Post 16
150029	Wick, Felt 14	151659	Screw, 6-40 x 1/2 Fil 8	154019	Follower, Eccentric 14
150043	Shoe, Secondary Clutch 14	151678	Screw, 1/4-32 Pilot 2	154021	Link 8
150044	Shoe, Primary Clutch 14	151685	Screw, 4-40 x 5/16 Fil 20	154027	Bellcrank 16
150241	Spring 14	151687	Screw, 4-40 x 7/16 Fil 5, 29	154029	Wick, Felt 14
150507	Spring 4,20	151688	Screw, 4-40 x 5/8 Fil 9,10		
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154046	Stud 13	154217	Wick, Leather 15	158031	Bail, Feed 20
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154053	Bail, Clutch Trip 13	154238	Extension 12	158036	Lever, Reset 20
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154064	Bracket, Adjusting 3,29	154240	Bail, Codebar 16	158040	Lever, Ratchet Drive 20
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154083	Spacer, Cam 14	155751	Sleeve, 1/8 ID Cable x 1" Lg Insulating 22	158213	Plate, Nut 2
154084	Bearing, Needle 16	155752	Sleeve, 5/64 ID x 1/2" Lg Insulating 22	158215	Plate, Nut 2,20,21,22
154087	Plate, Nut 2	155753	Sleeve, 1/8 ID x 1/2" Lg Insulating 22	158216	Plate, Nut 2
154088	Plate, Nut 2	155754	Sleeve, 1/16 ID x 1/2" Lg Insulating 22	158217	Plate, nut 2
154089	Post, Spring 16	155755	Sleeve, 11/64 ID x 5/8" Lg Insulating 17,22,30	158231	Contact Assembly 5
154091	Guide, Non-Repeat Lever 16	155954	Switch, Sensitive 3,21, 22	158268	Latch w/Hub 16
154092	Shaft 5,29	155960	Latch 20	158271	Guard, Gear 19
154094	Clamp 13	155964	Lever, Stop 20	158275	Plate, Clamp 5
154095	Eccentric, Contact Box 18	155965	Ratchet, 88T 20	158277	Screw, 3-48 x 1 Rd 5
154096	Bushing, Eccentric 13	155967	Washer, Spring 20	158745	Clamp, Bearing 6,7,19
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154101	Plate, Rear 13	155990	Counter Assembly, Character 1,20	158828	Bushing, Mounting 6
154105	Post, Transfer Bail 15	155994	Insulator, .015" Thk 3	158907	Spring 15
154107	Bracket 3,29	156226	Hub 19	159284	Pinion, 20T 6
154109	Plunger 2	156451	Bushing 21	159285	Gear, 84T 6
154115	Guide Plate 2	156503	Wick, Felt 14	159287	Retainer, Pinion 6
154116	Bail 29	156509	Washer, Flat 15	159327	Washer, Flat 16
154120	Lever, Codebar 9,10	156574	Post, Spring 12	159334	Washer, Insulation 10,16
154125	Spring 9,10	156630	Washer, Felt 15	159341	Bearing, Ball 6,19
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