

28 AUTOMATIC SEND-RECEIVE KEYBOARD (LAK)
PARTS

NOTE:

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

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SECTION 573-117-800

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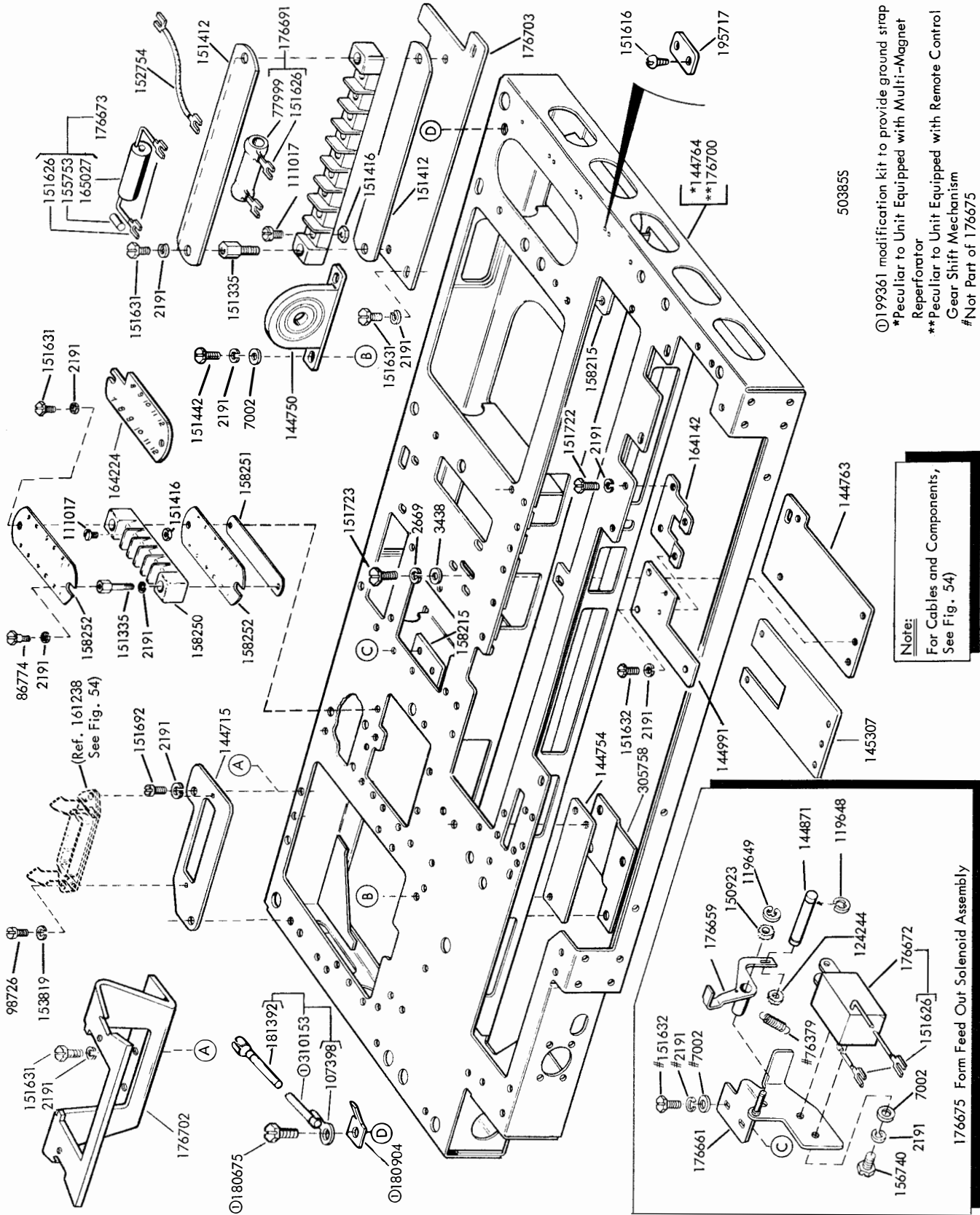
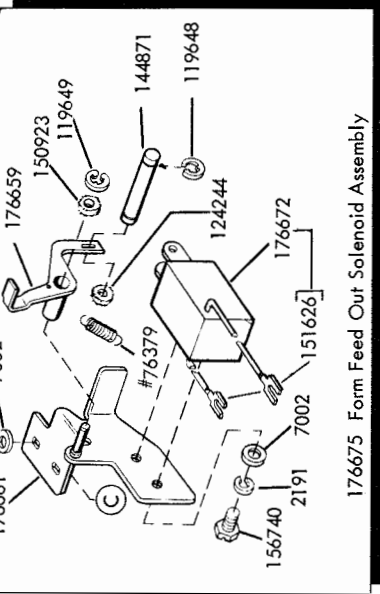


FIGURE 2. KEYBOARD BASE PARTS

50385S

①199361 modification kit to provide ground strap
 *Peculiar to Unit Equipped with Multi-Magnet
 Reperforator
 **Peculiar to Unit Equipped with Remote Control
 Gear Shift Mechanism
 #Not Part of 176675

Note:
 For Cables and Components,
 See Fig. 54



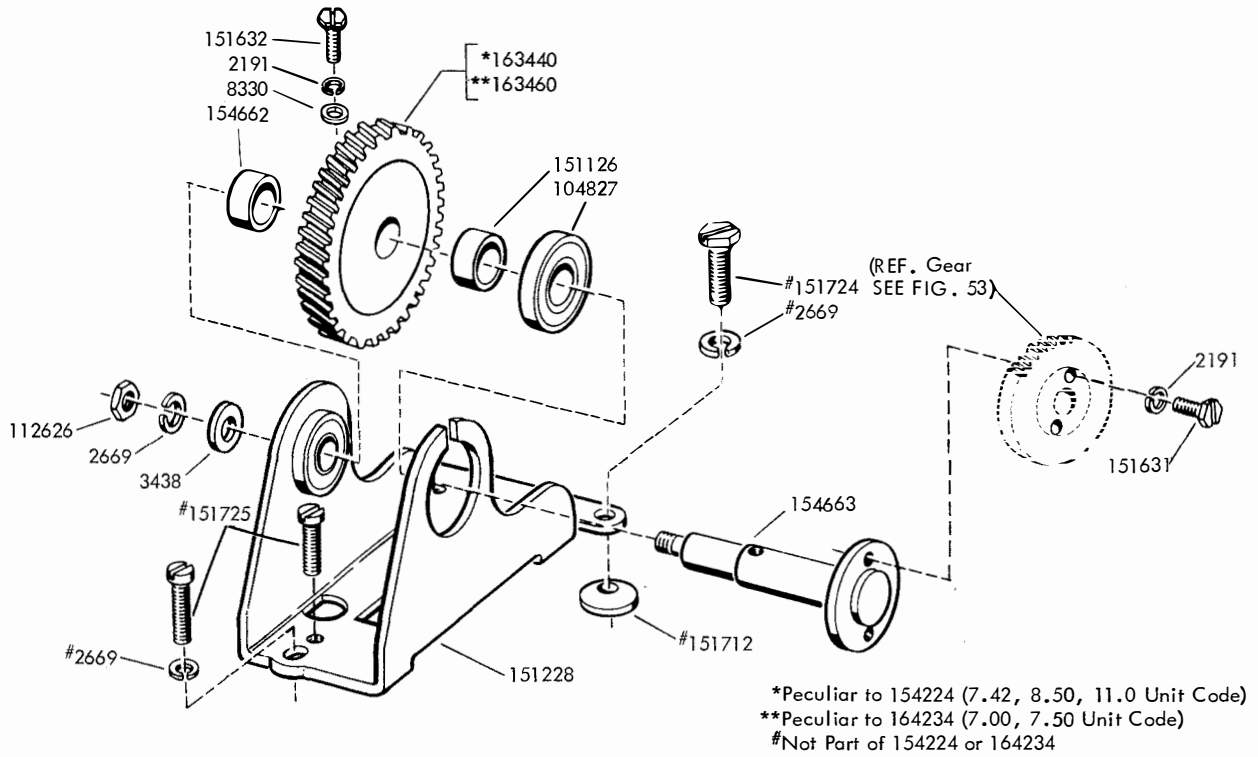


FIGURE 3. 154224 AND 164234 INTERMEDIATE GEAR ASSEMBLIES

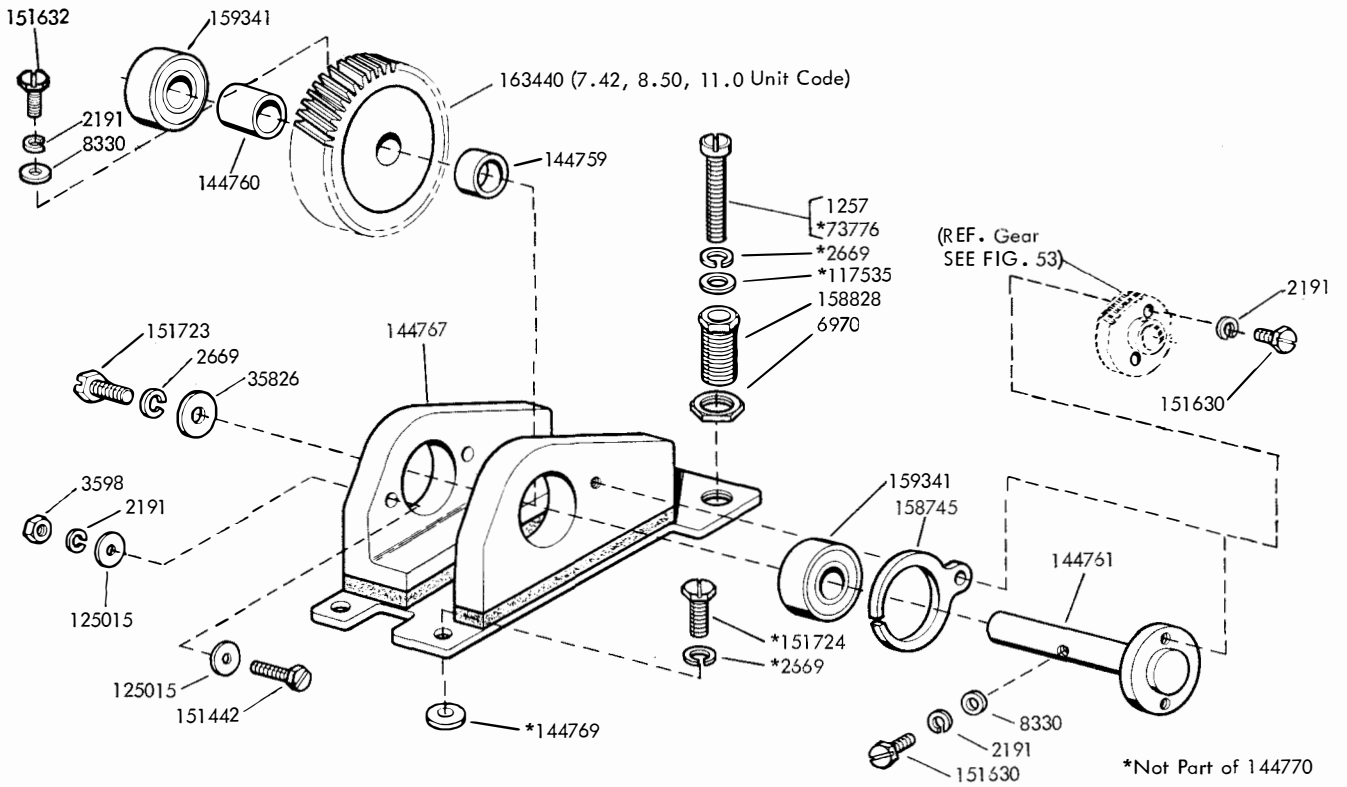
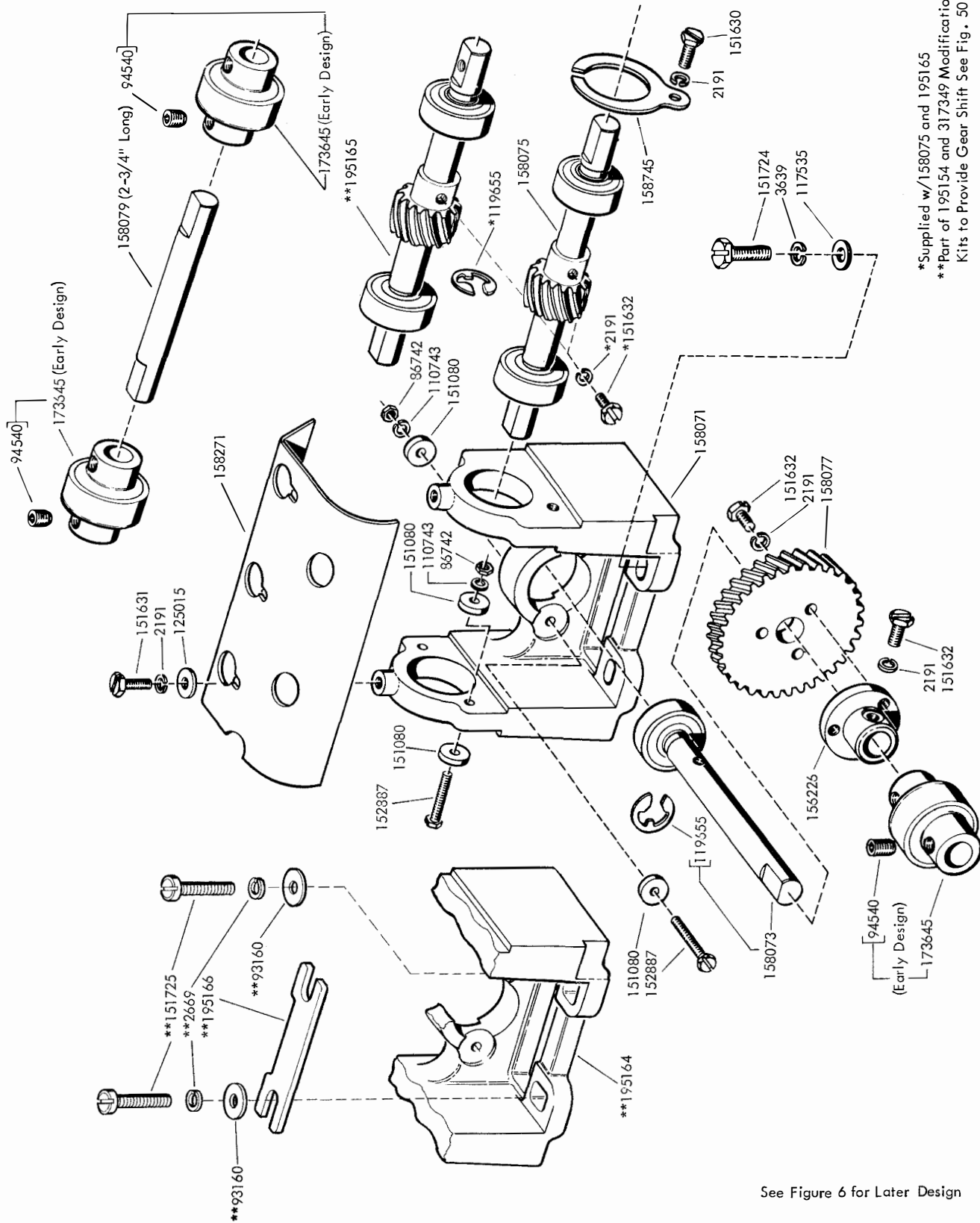


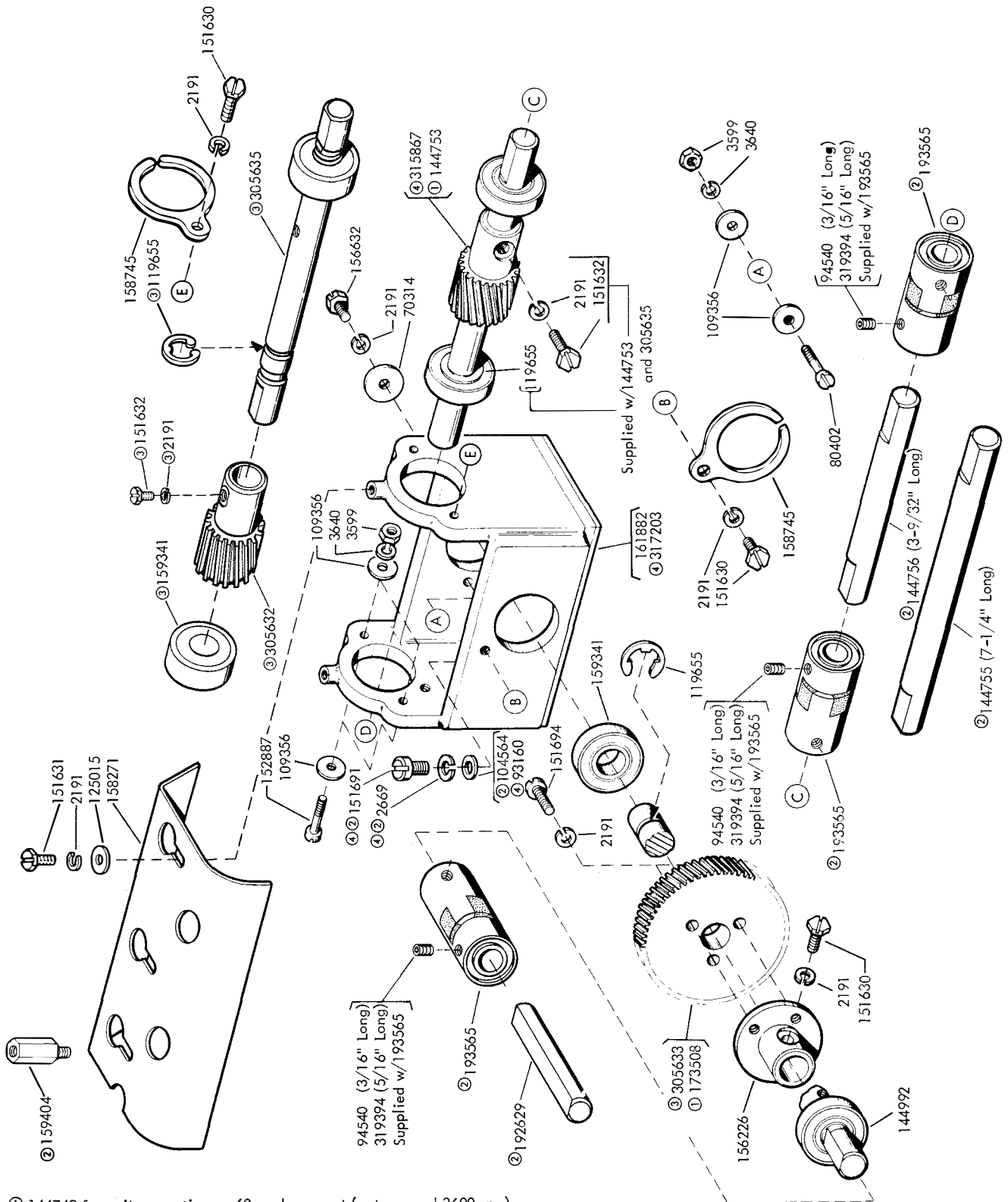
FIGURE 4. 144770 INTERMEDIATE GEAR ASSEMBLY (NOISE REDUCTION)



*Supplied w/158075 and 195165
 **Part of 195154 and 317349 Modification
 Kits to Provide Gear Shift See Fig. 50.

See Figure 6 for Later Design

FIGURE 5. BEARING BRACKET MECHANISM (EARLY DESIGN)



- ① 144749 for units operating on 60 cycle current (motor speed 3600 rpm)
- ② Not part of 144749 and 305634 Bearing Bracket Assemblies
- ③ 305634 for units operating on 50 cycle current (motor speed 3000 rpm)
- ④ Part of 311676 and 317202 Modification Kits to Provide Gear Shift (See Fig. 50)

FIGURE 6. 144749 and 305634 BEARING BRACKET ASSEMBLIES

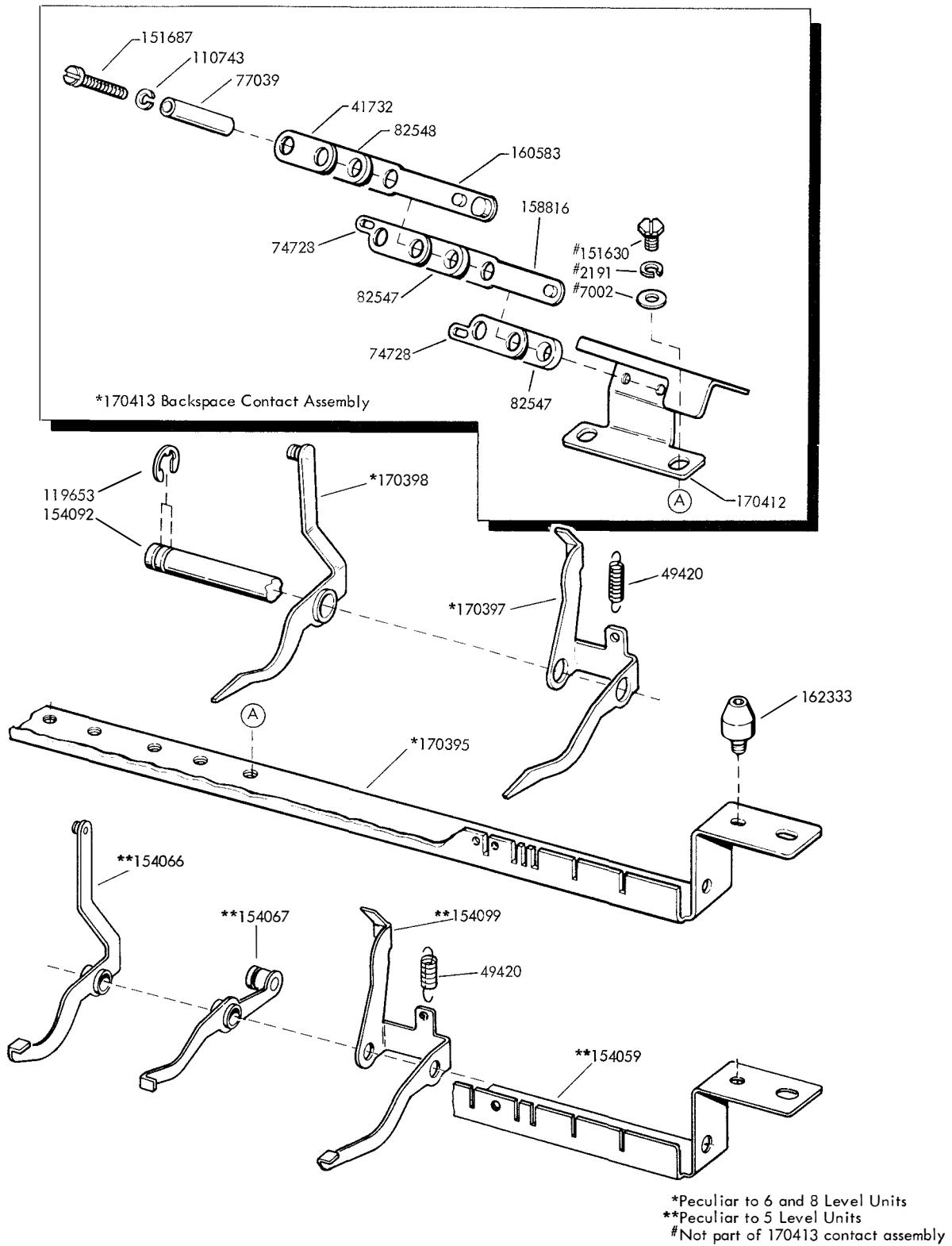
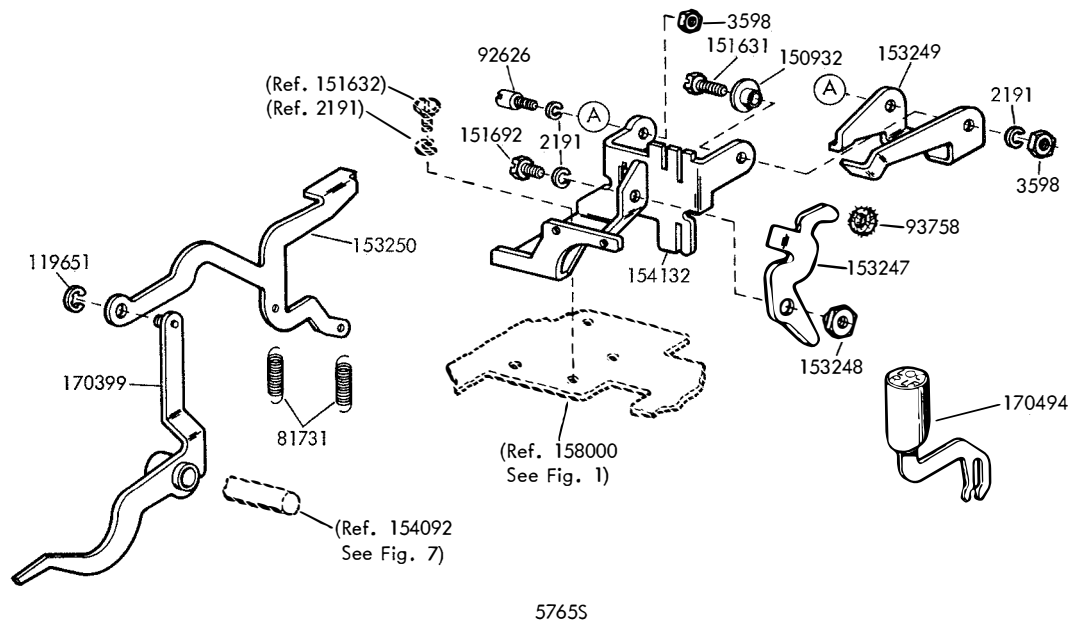
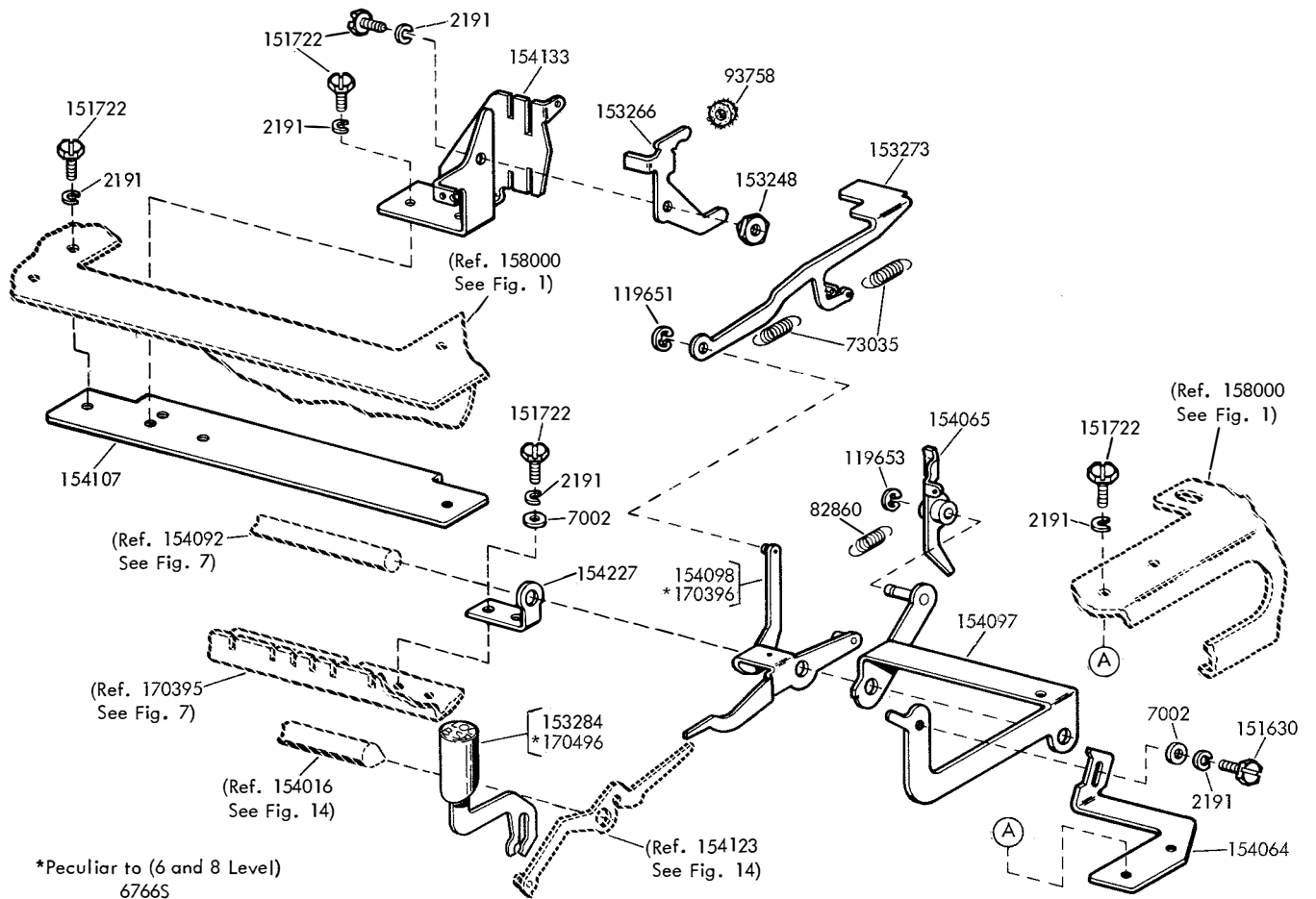


FIGURE 7. FUNCTION BAIL MECHANISM



57655
FIGURE 8. LOCAL REVERSE LINE FEED MECHANISM (8 LEVEL)



*Peculiar to (6 and 8 Level)
67665

FIGURE 9. 154146 MODIFICATION KIT TO PROVIDE LOCAL BACKSPACE MECHANISM (5 LEVEL)

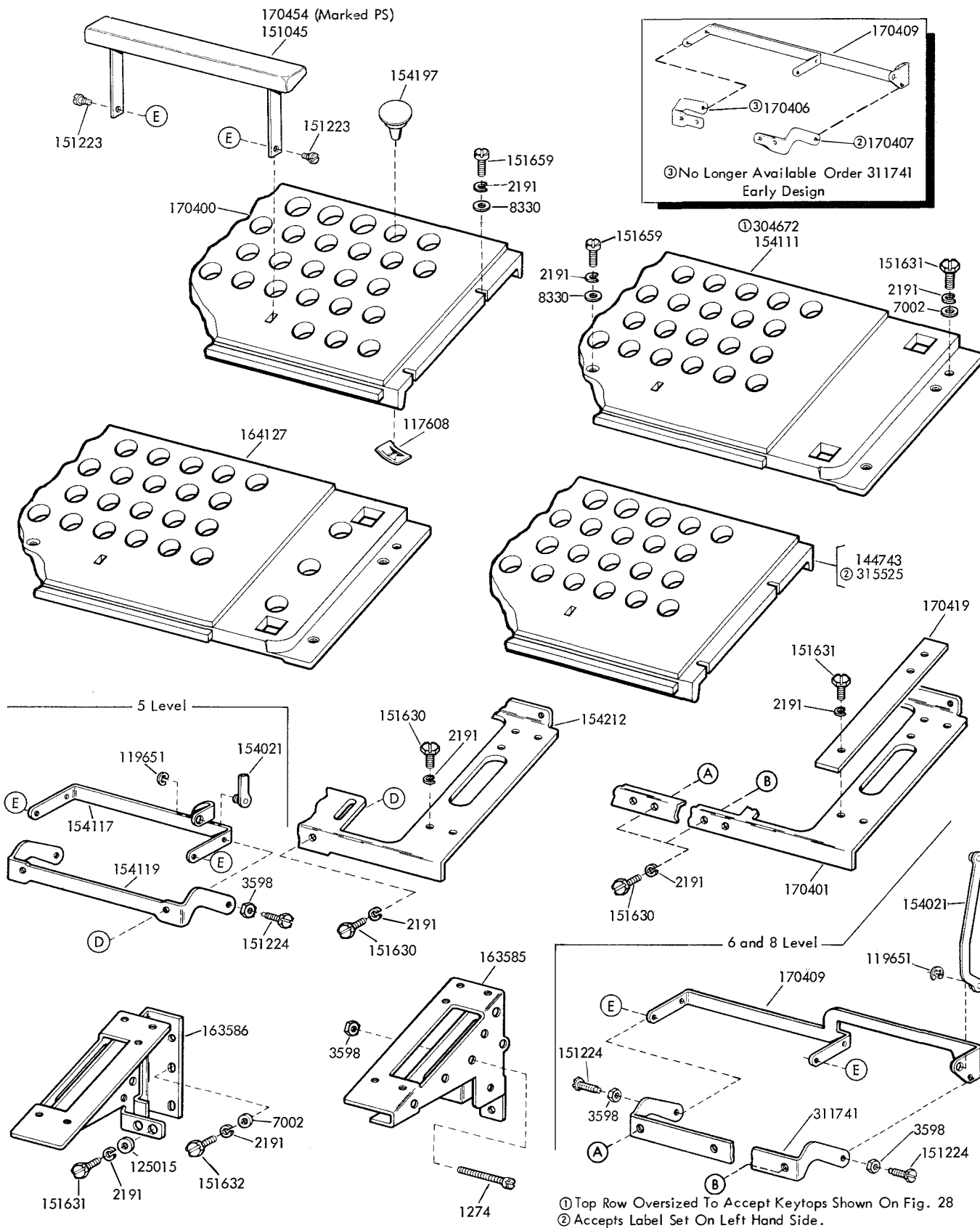


FIGURE 10. KEYLEVER GUIDE PLATES

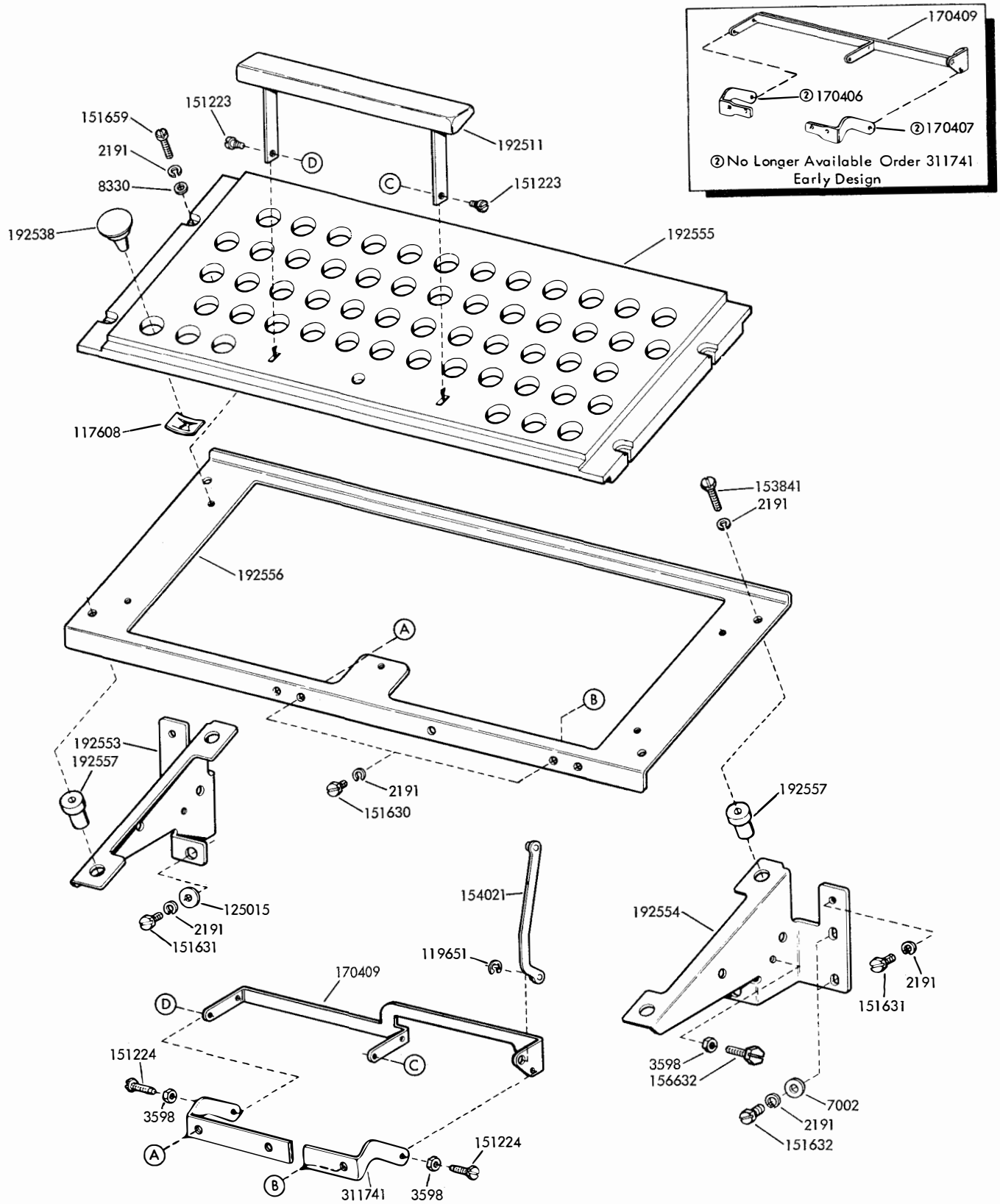


FIGURE 11. KEYBOARD MECHANISM

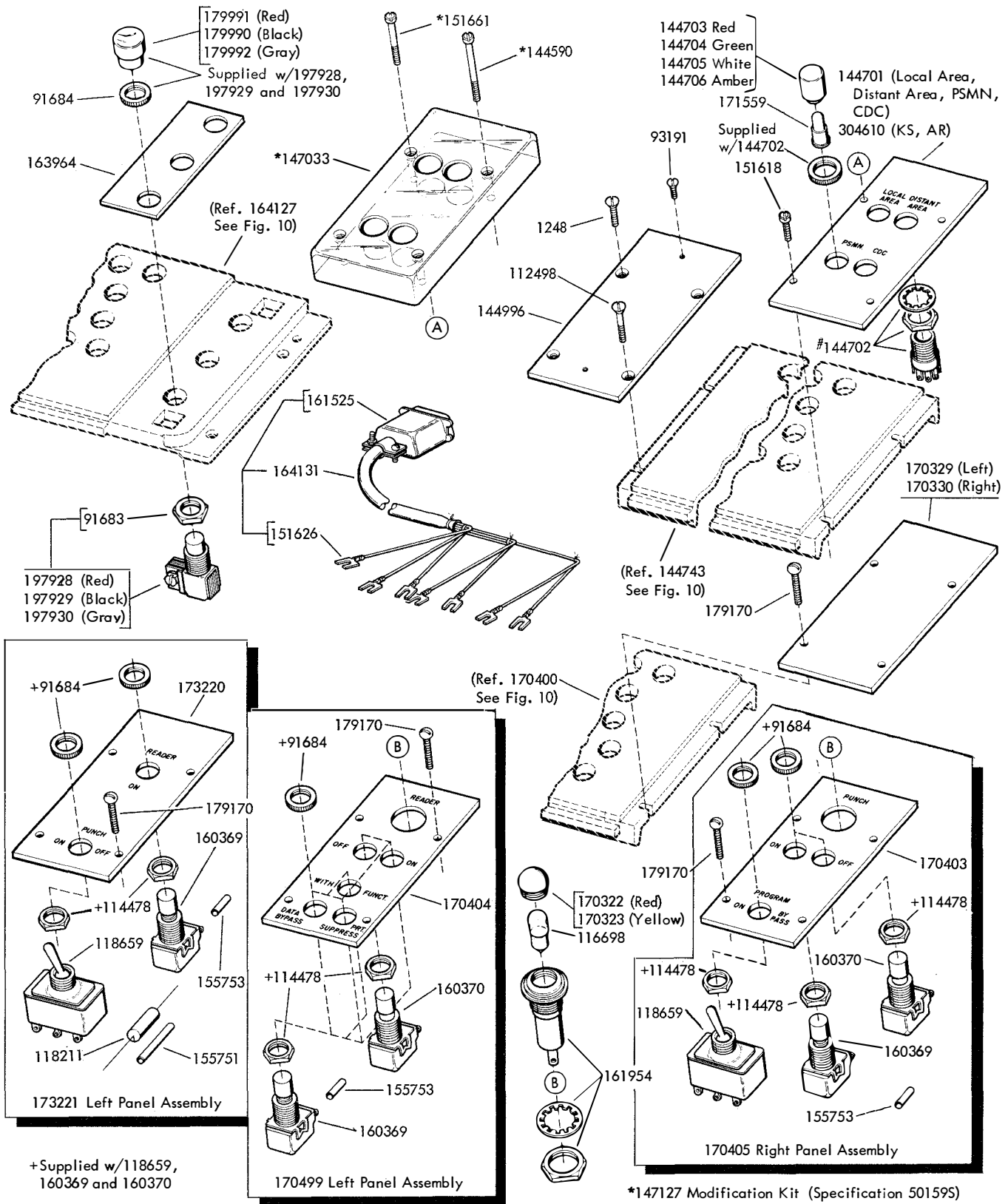


FIGURE 12. KEYBOARD TOP PLATES AND PANEL ASSEMBLIES

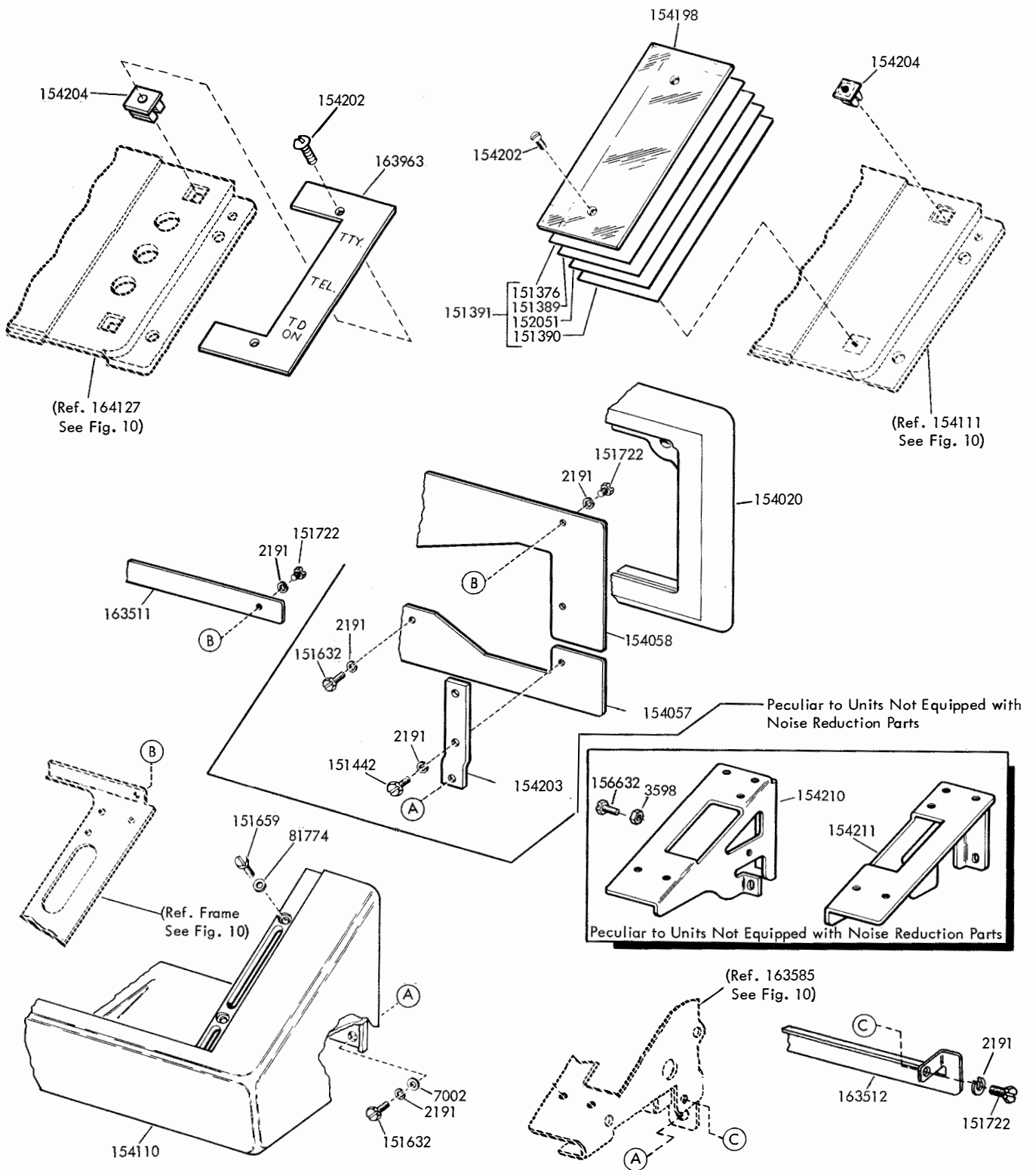


FIGURE 13. KEYBOARD HOOD AND MOUNTING PARTS

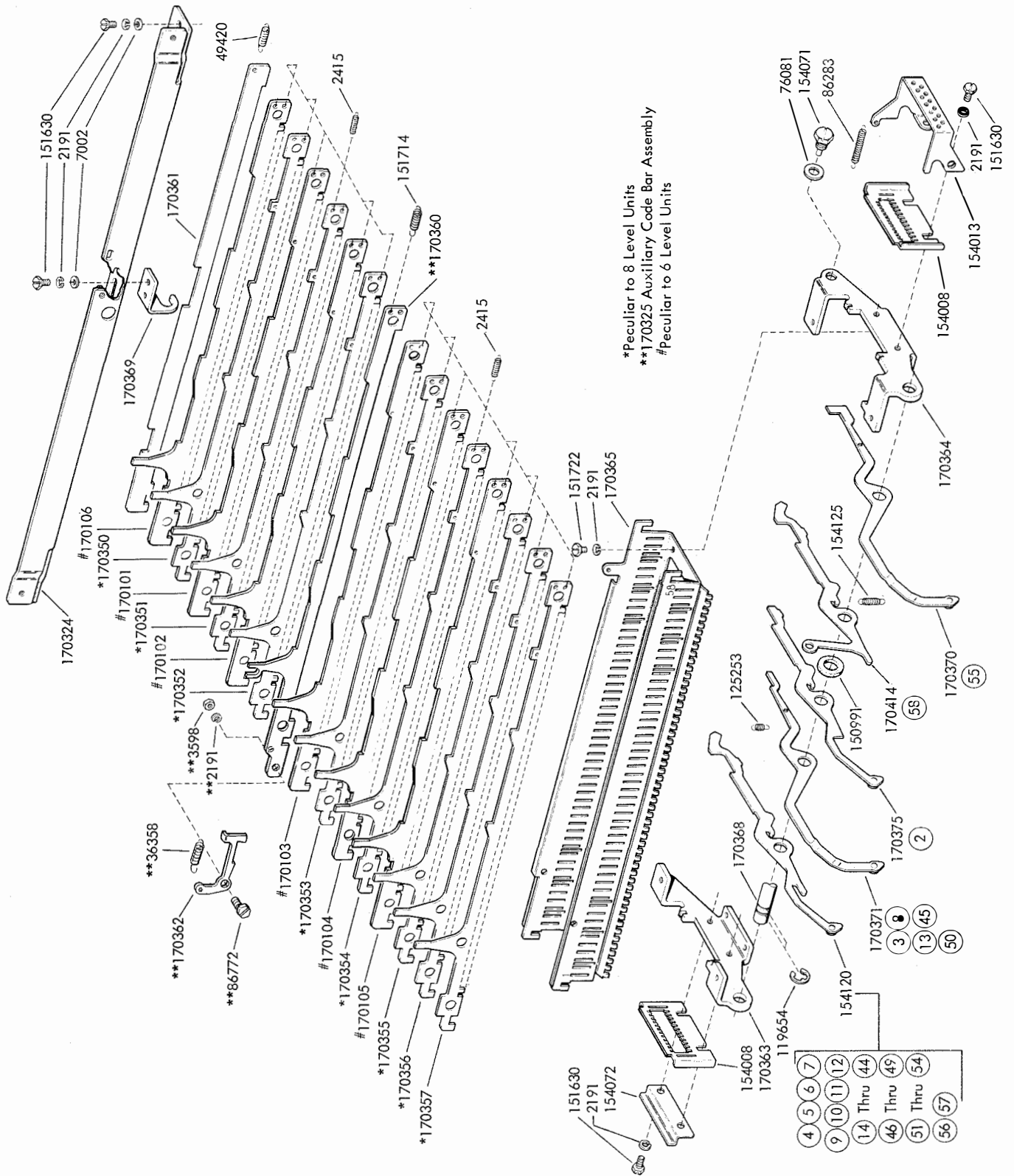


FIGURE 15. CODE BAR MECHANISM (6 AND 8 LEVEL)

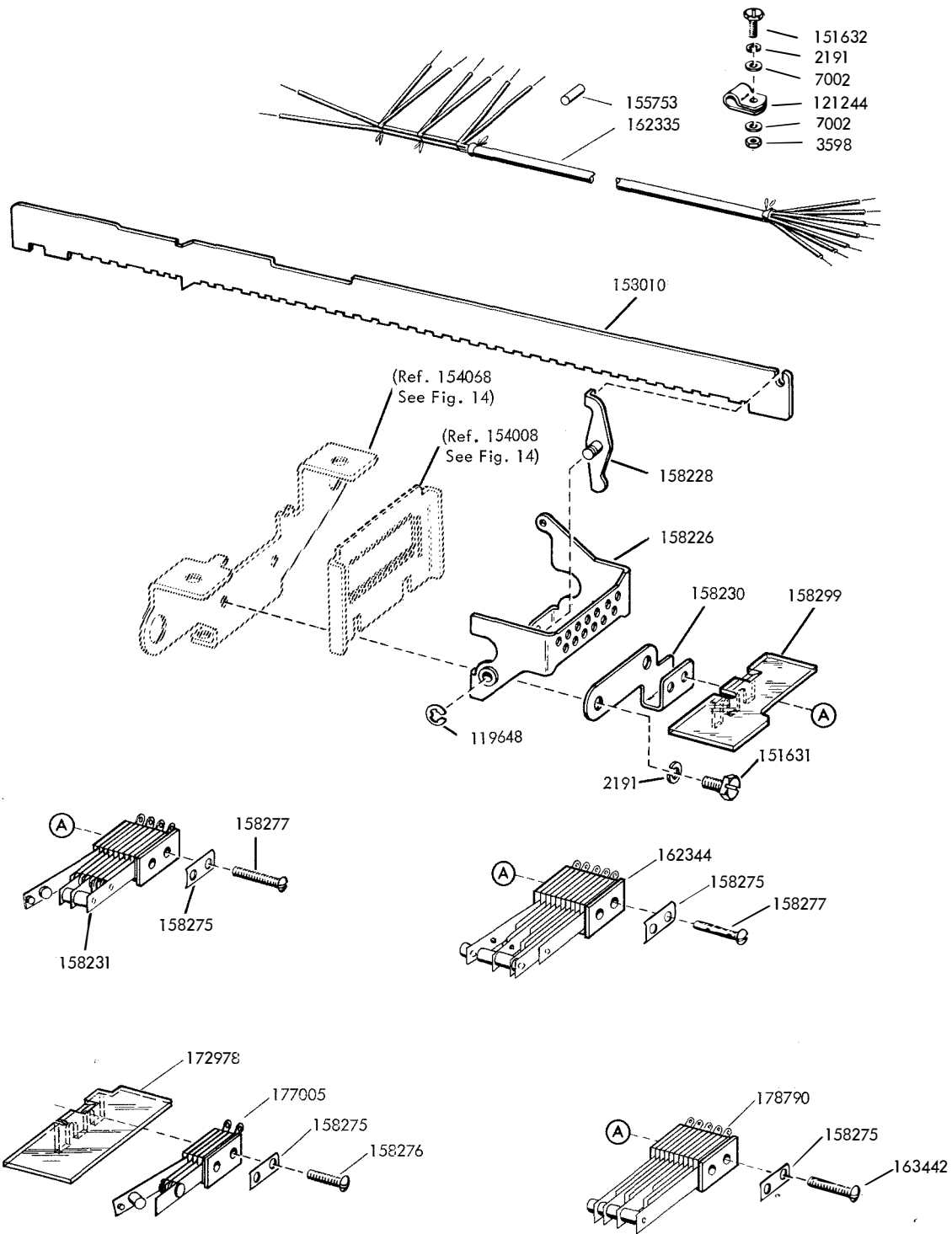
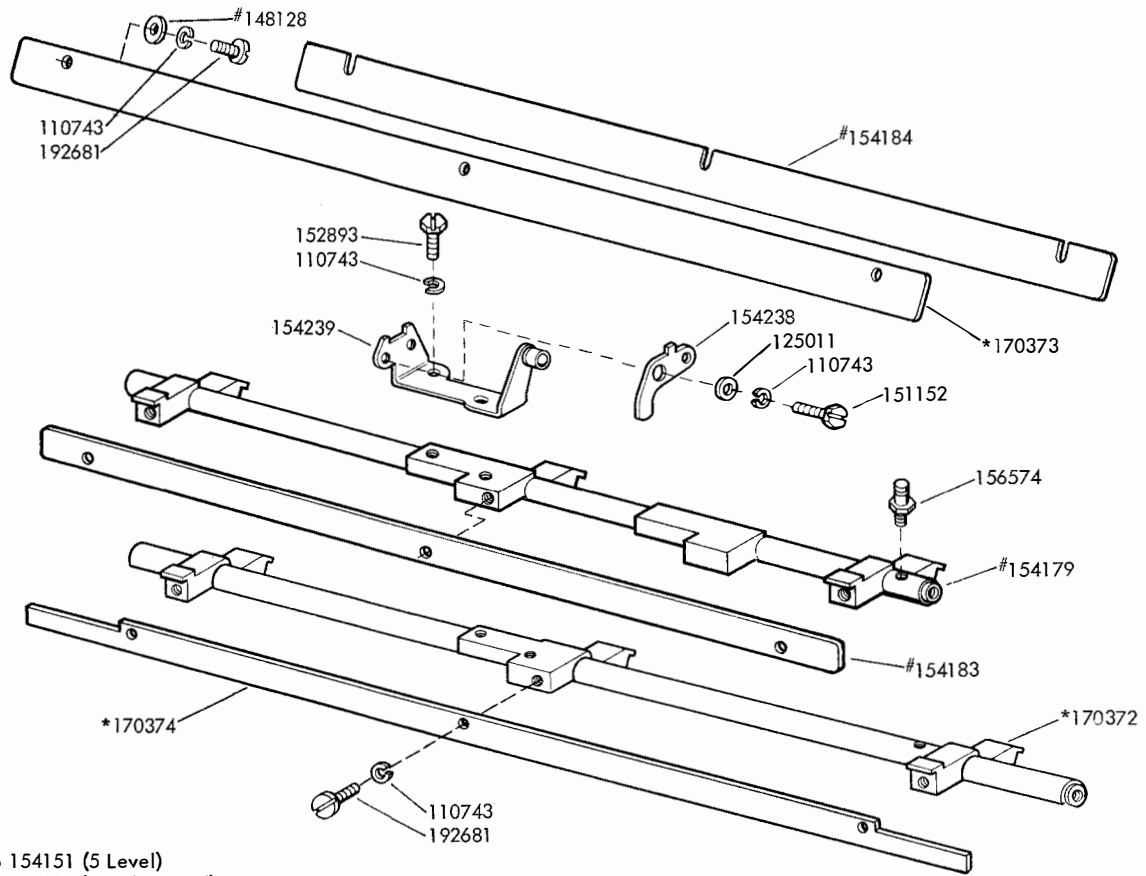


FIGURE 16. CONTACT ASSEMBLIES



#Peculiar to 154151 (5 Level)
 *Peculiar to 170332 (6 and 8 Level)

FIGURE 17. 154151 AND 170332 UNIVERSAL BAIL ASSEMBLIES

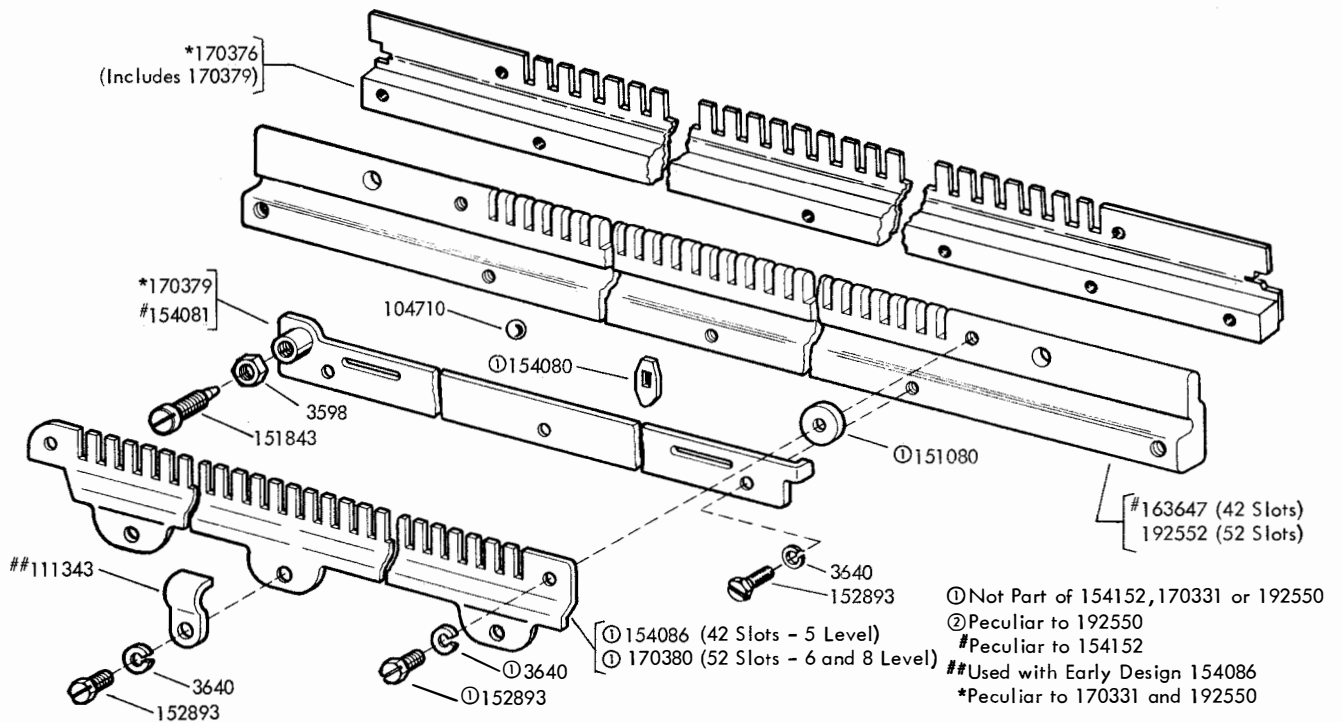
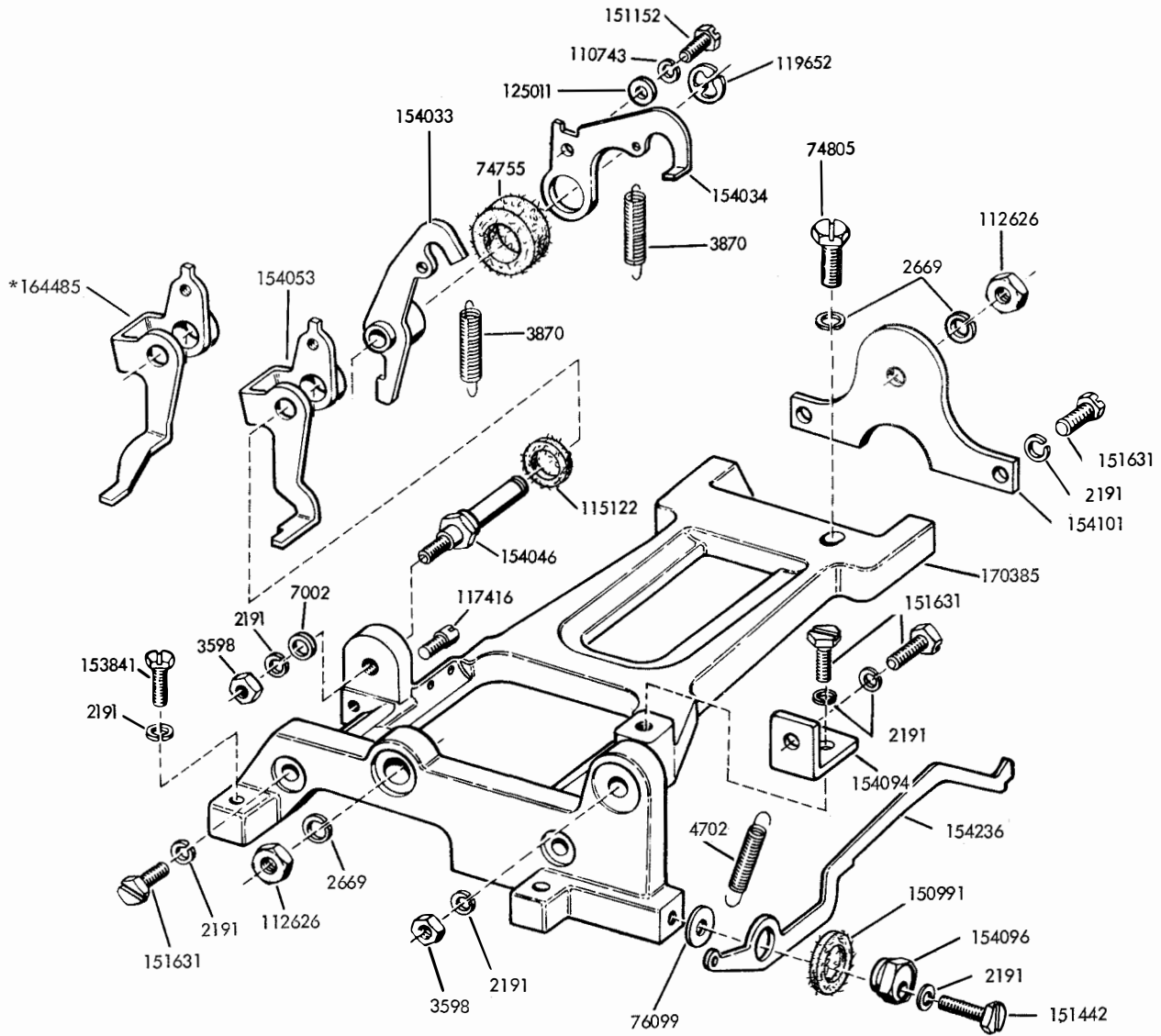


FIGURE 18. 154152 (5 LEVEL), 170331 (6 AND 8 LEVEL) AND 192550 (5 LEVEL) LOCK BAR ASSEMBLIES



*Peculiar to Units Equipped with Synchronous Pulsed Transmission (See Fig. 36)

FIGURE 19. SIGNAL GENERATOR FRAME MECHANISM

SIGNAL GENERATOR SHAFT ASSEMBLY	CAM SLEEVE ASSEMBLY	GEAR SLEEVE ASSEMBLY	UNIT CODE
154163	154154	154032	7.42
164349	311451	163519	7.00
170099	170098	154032	8.50
170334	178142	154032	11.00
178785	178795	178787	7.50

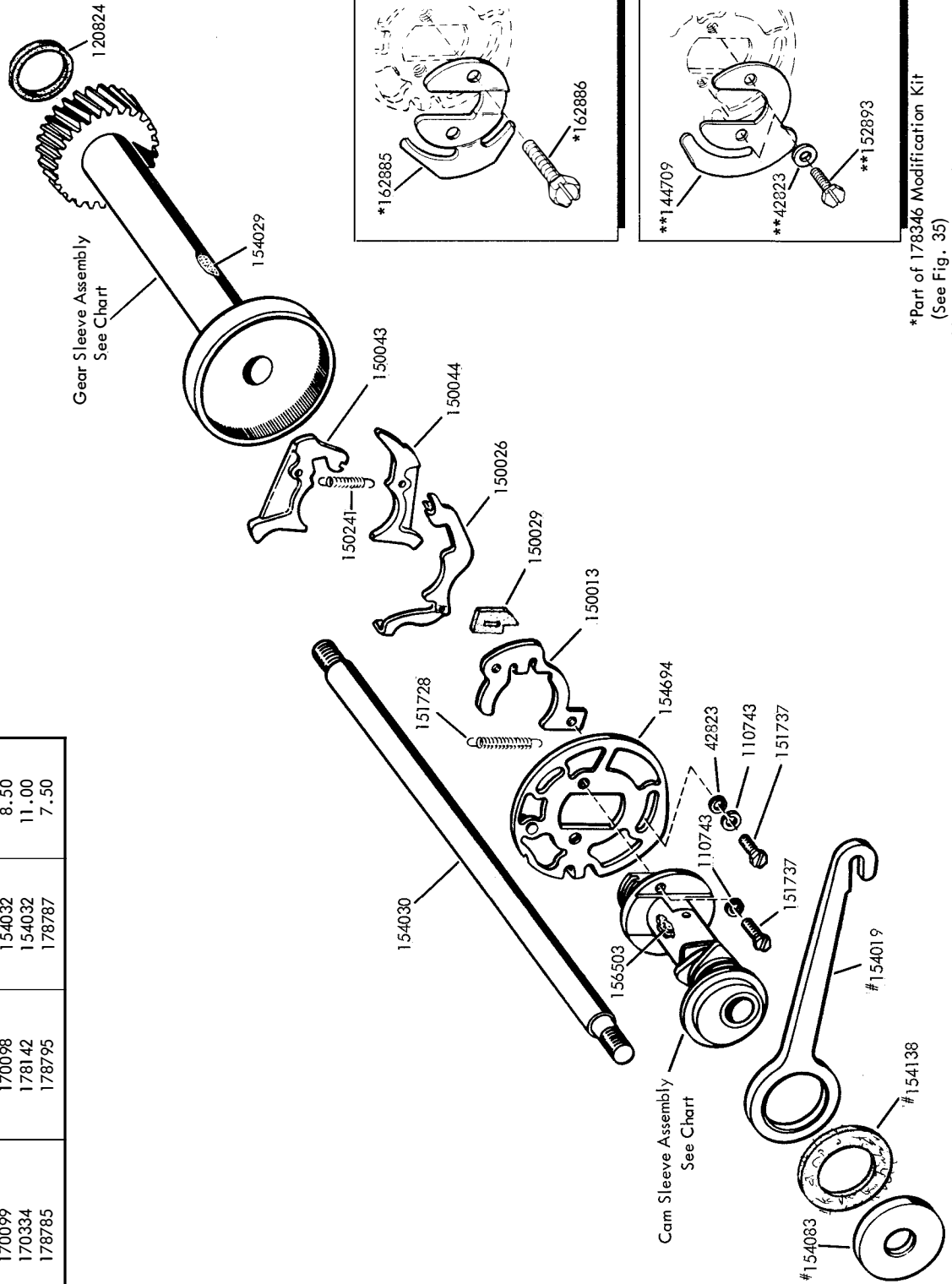
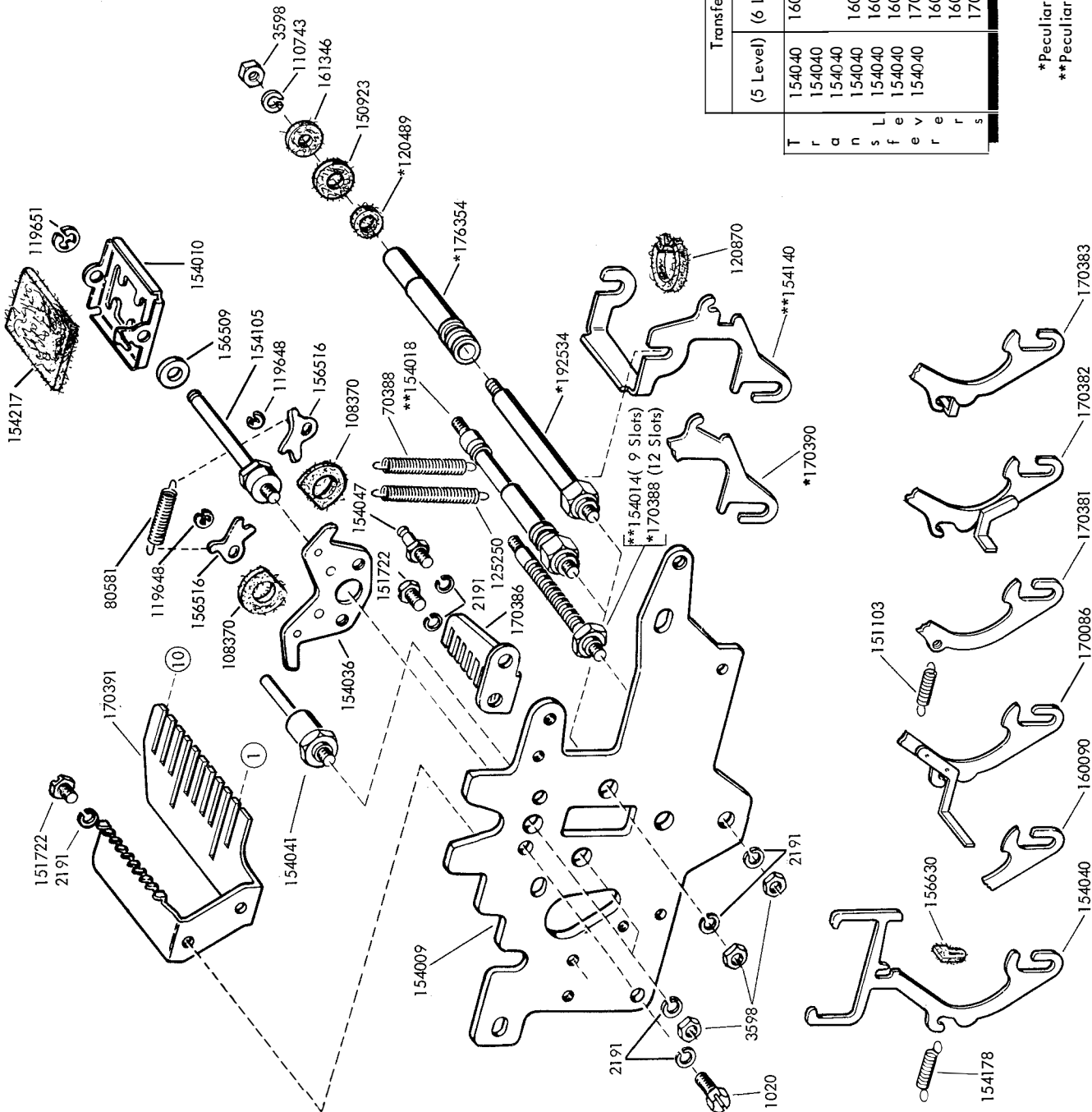


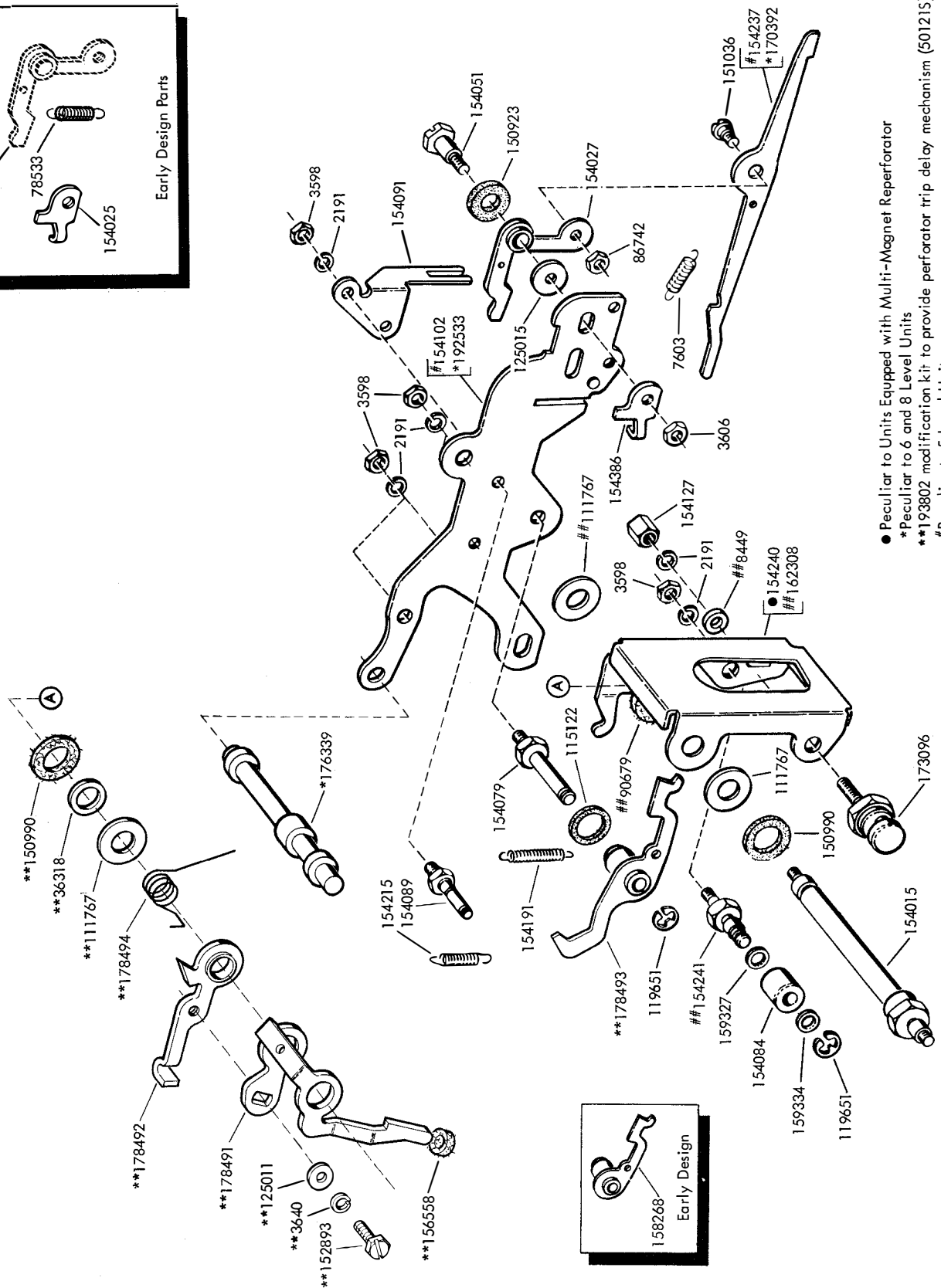
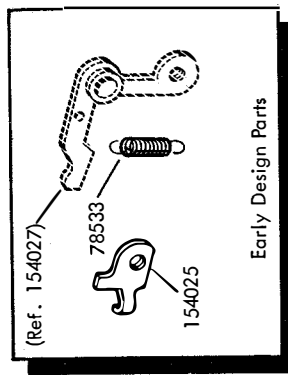
FIGURE 20. SIGNAL GENERATOR SHAFT ASSEMBLIES



Transfer Levers	Slot No.	
	(5 Level)	(8 Level)
T	154040	160090
r	154040	160090
a	154040	160090
n	154040	160090
s	154040	160090
L	154040	160090
e	154040	170383
v	154040	170381
e	154040	170382
r	154040	160090
s	154040	170086

*Peculiar to 6 and 8 Level Units Only
 **Peculiar to 5 Level Units Only

FIGURE 21. SIGNAL GENERATOR FRONT PLATE MECHANISM



- Peculiar to Units Equipped with Multi-Magnet Repeater
- * Peculiar to 6 and 8 Level Units
- ** 193802 modification kit to provide perforator trip delay mechanism (501215)
- # Peculiar to 5 Level Units
- ## Part of 154351 Modification Kit (See Fig. 14)

FIGURE 22. SIGNAL GENERATOR REAR PLATE MECHANISM

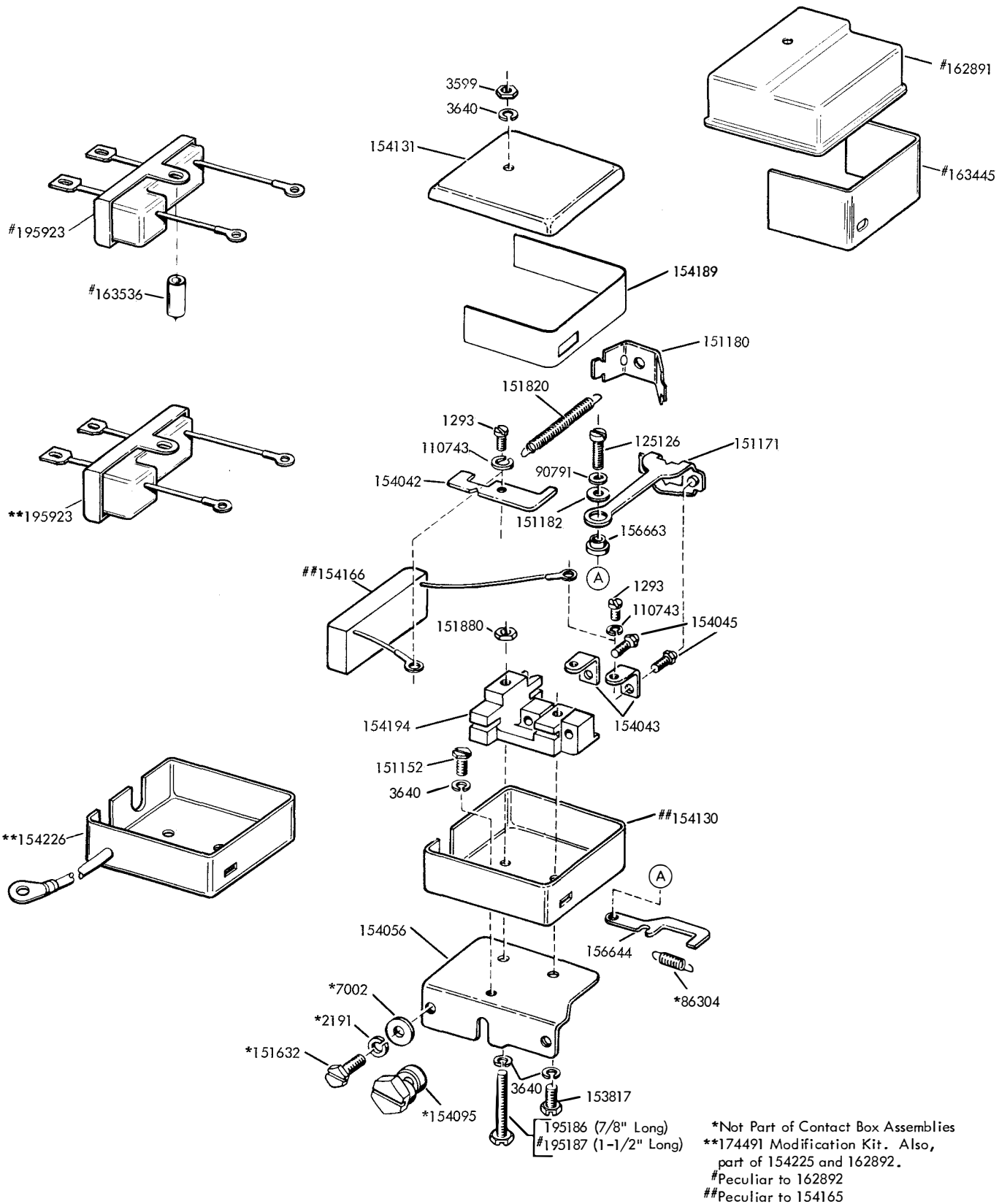
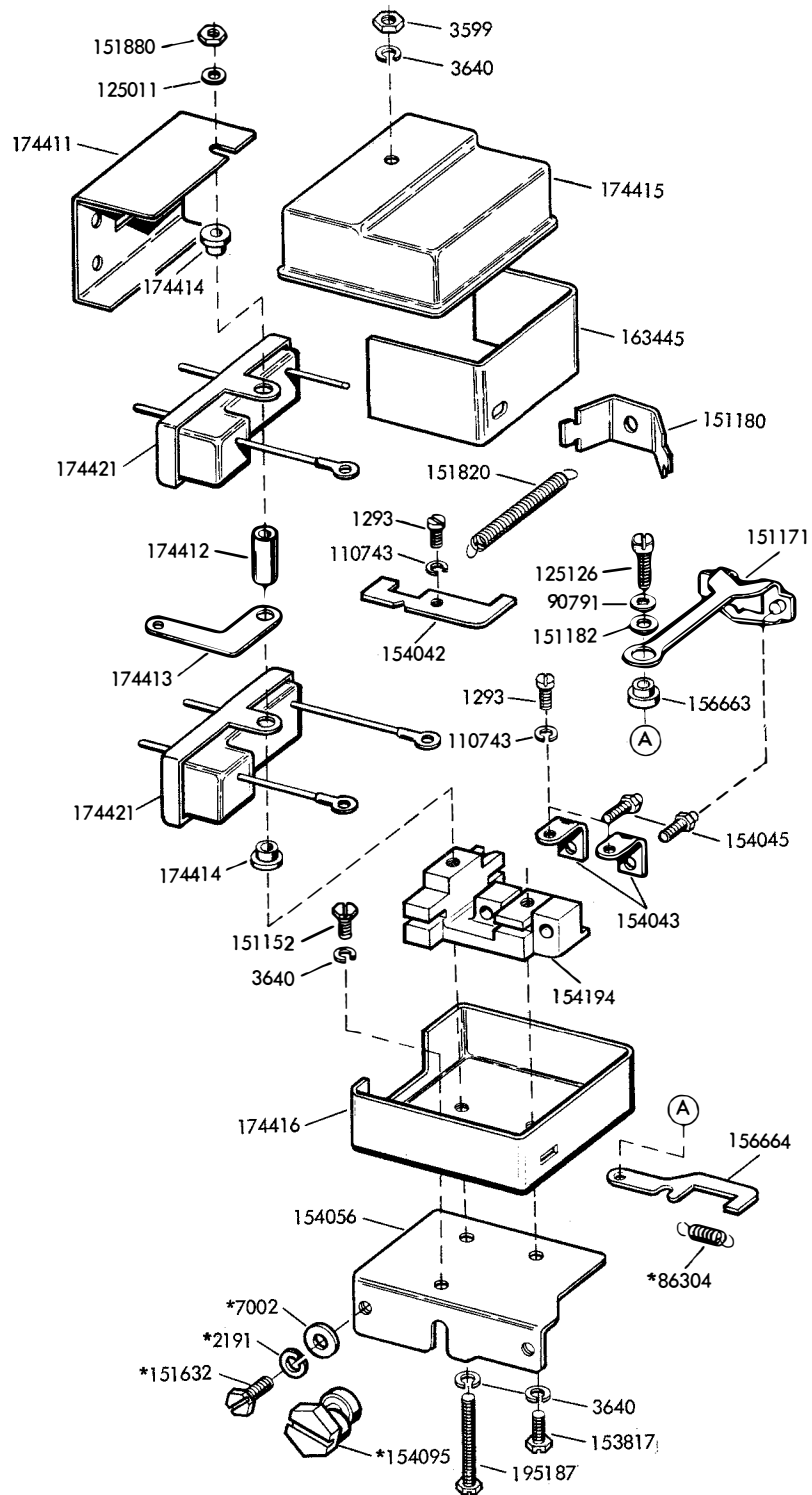


FIGURE 23. 154165 (W/ARC SUPPRESSION) 154225 (W/RF SUPPRESSION) - NEUTRAL TRANSMISSION AND 162892 (W/RF SUPPRESSION - POLAR TRANSMISSION) CONTACT BOX ASSEMBLIES



*Not Part of 174410

FIGURE 24. 174410 CONTACT BOX ASSEMBLY W/RF SUPPRESSION - POLAR TRANSMISSION (SHIELDED SIGNAL LINES)

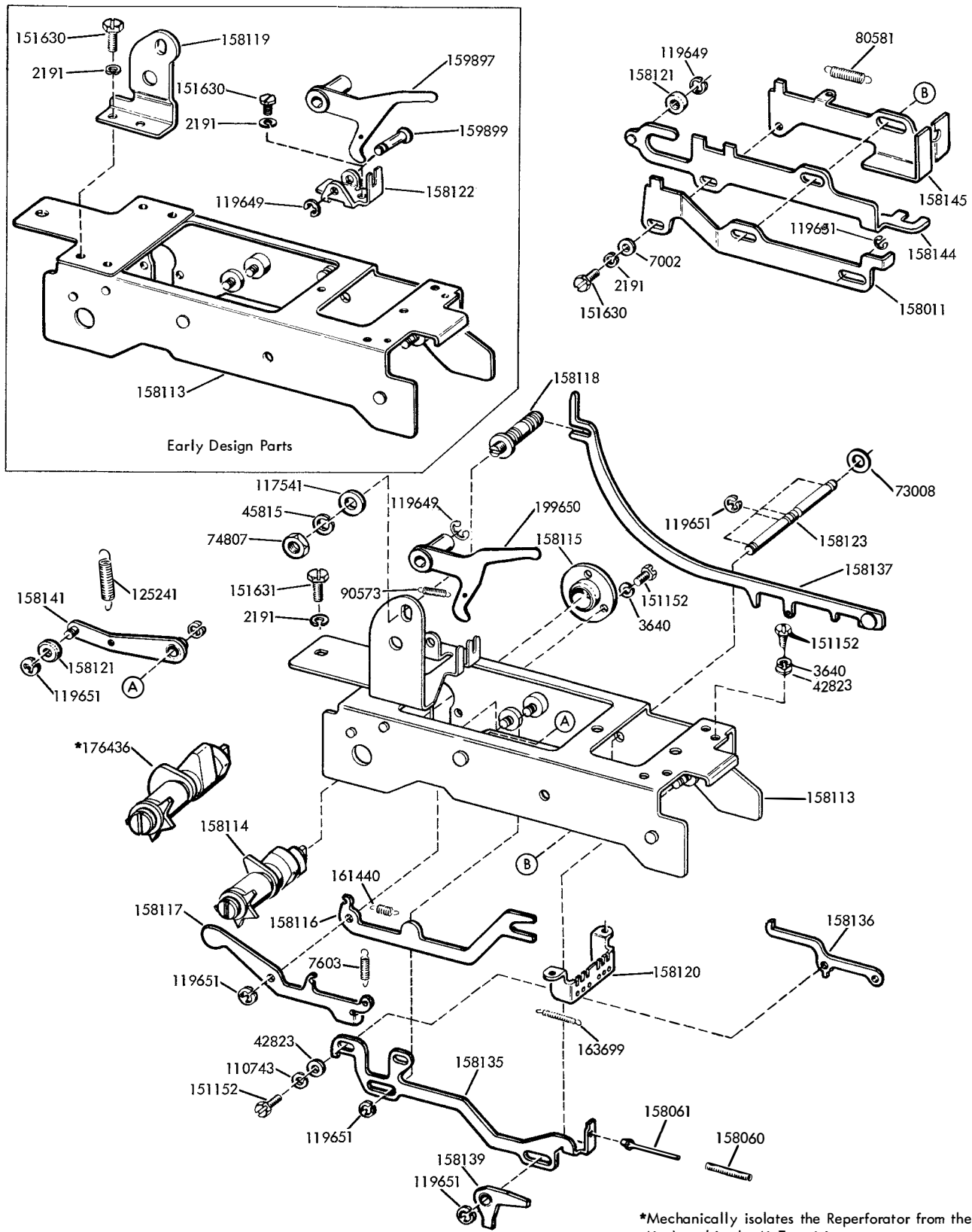


FIGURE 25. CODE BAR EXTENSION BASKET MECHANISM

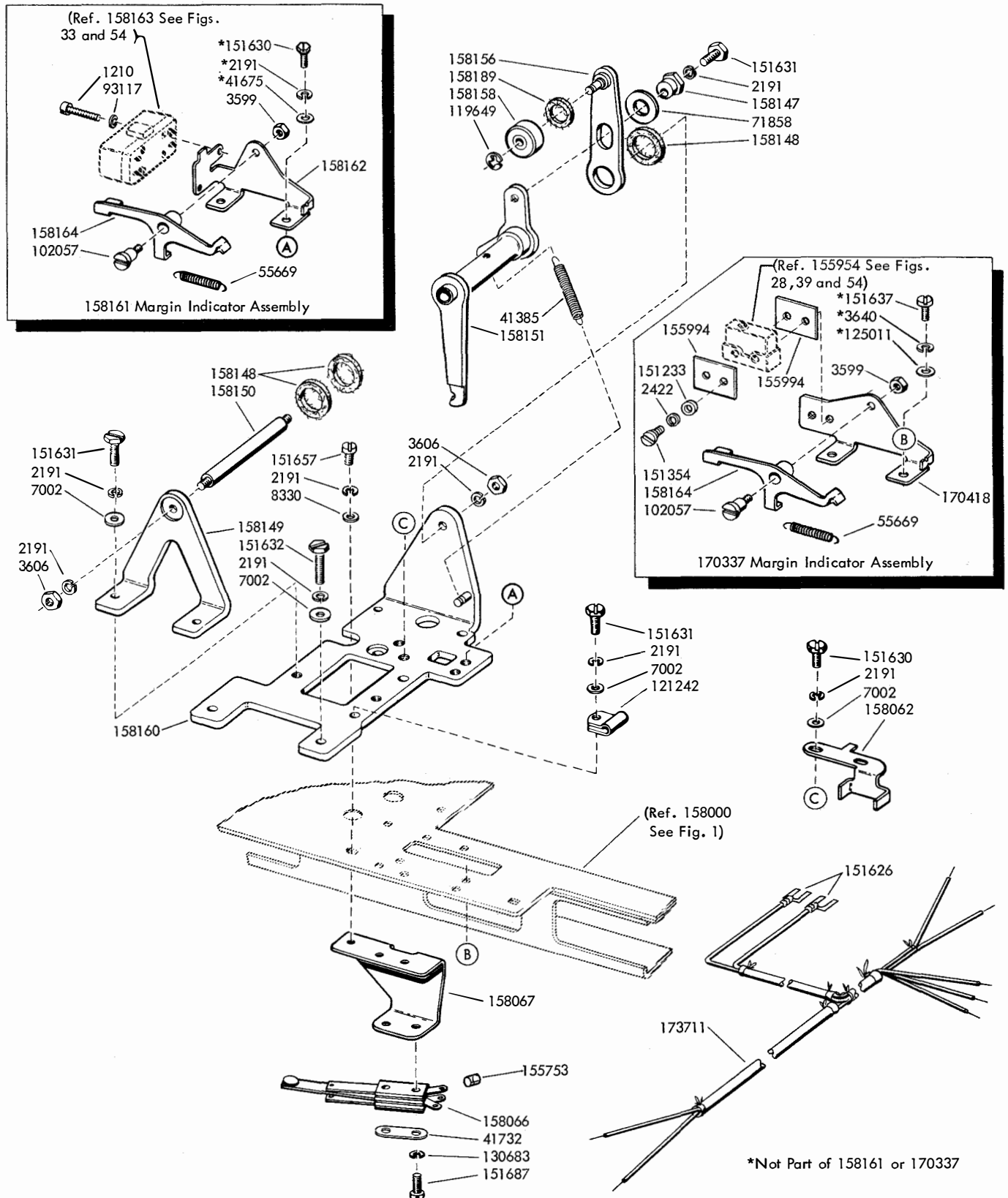


FIGURE 26. CAM FOLLOWER MECHANISM AND MARGIN INDICATOR ASSEMBLIES

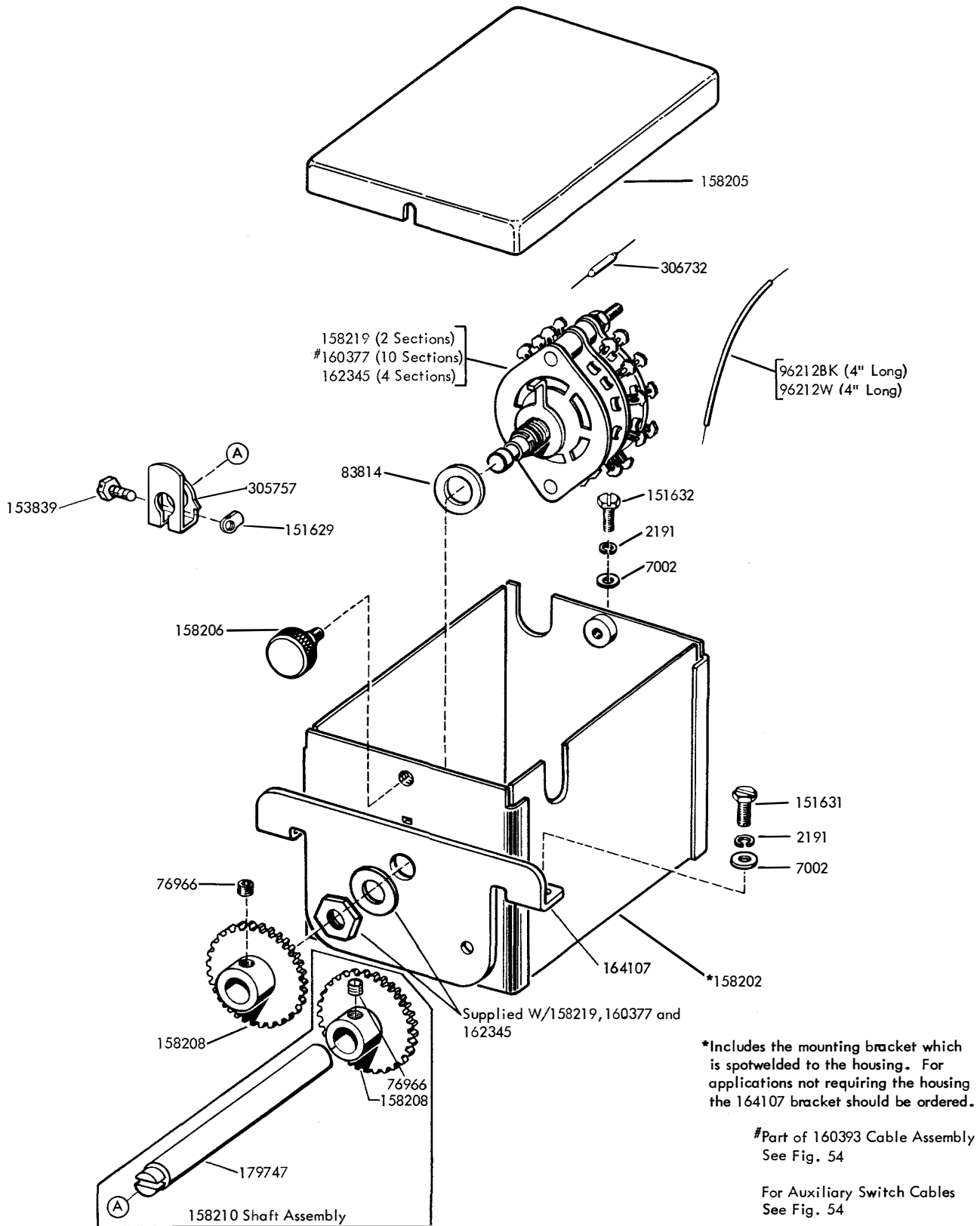
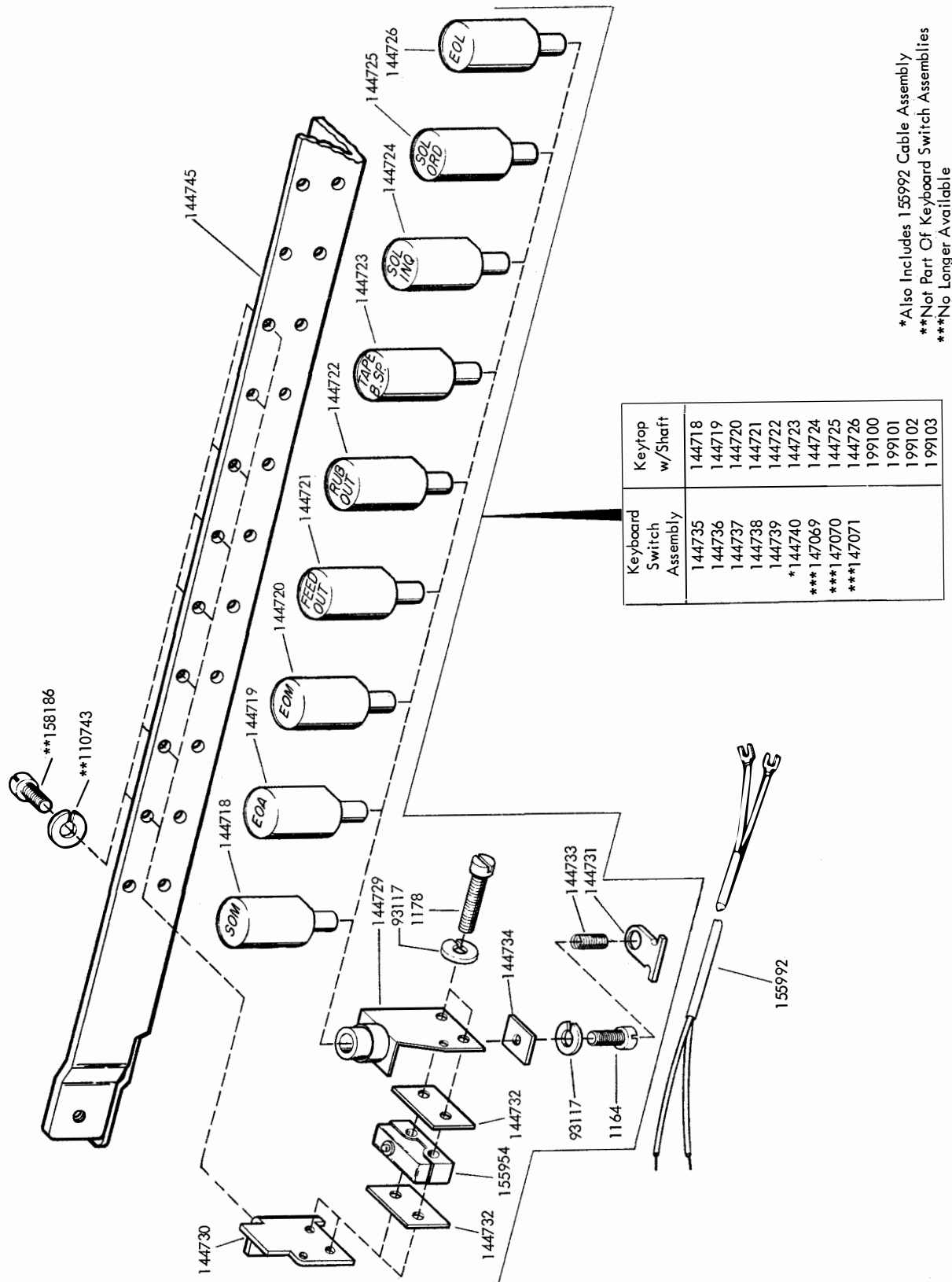
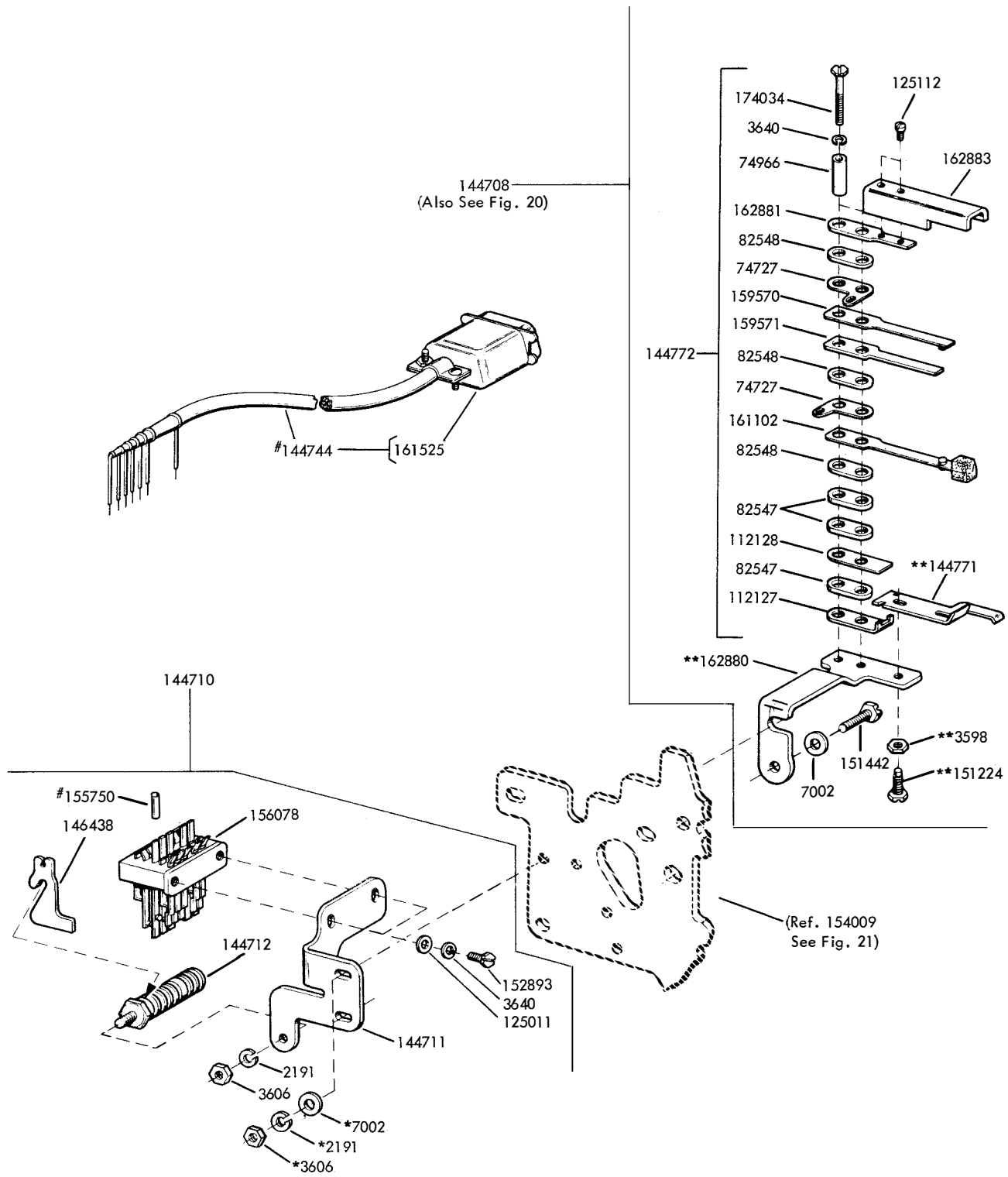


FIGURE 27. AUXILIARY SWITCH MECHANISM



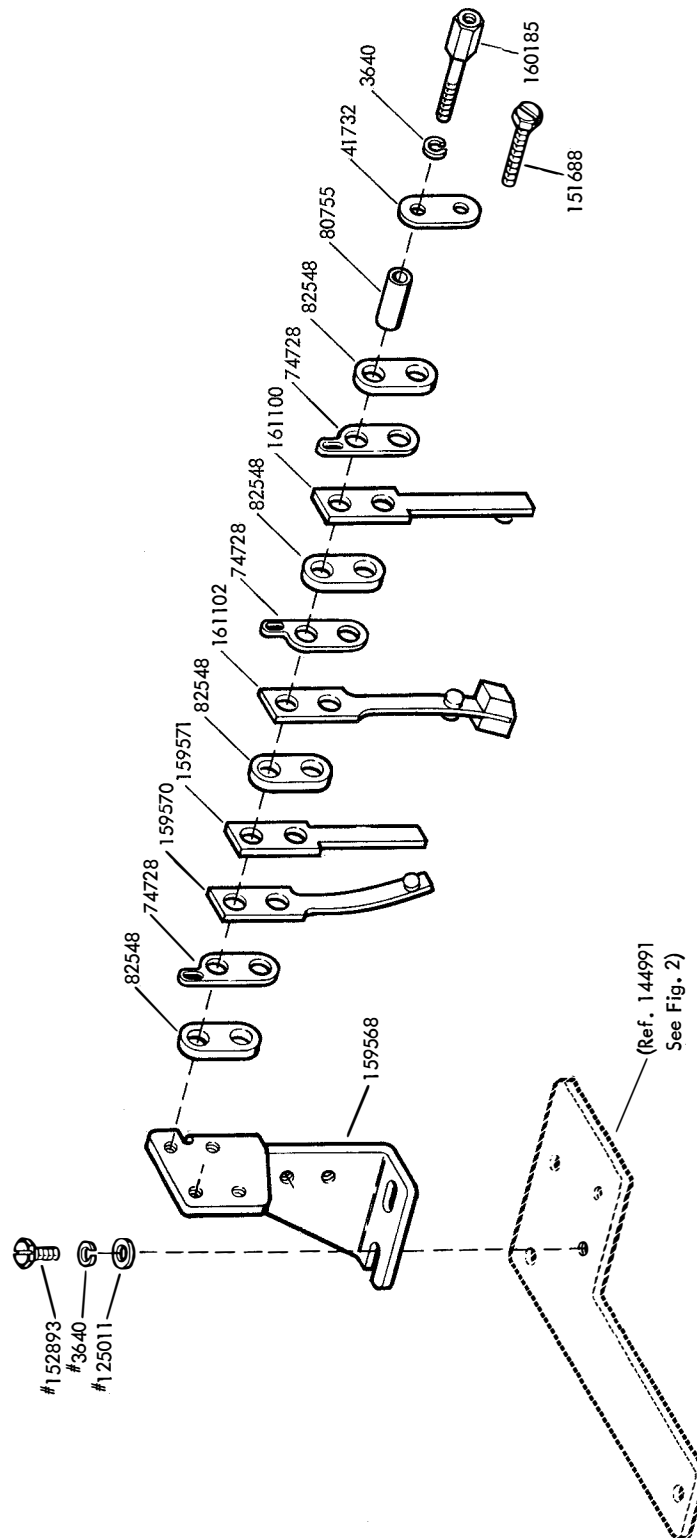
*Also Includes 155992 Cable Assembly
 **Not Part Of Keyboard Switch Assemblies
 ***No Longer Available

FIGURE 28. KEYBOARD SWITCH ASSEMBLIES



*Part of 144708
 **Part of 144772
 #Not Part of 144708 or 144710

FIGURE 29. 144708 (FUNCTION MAGNET CONTACT) AND 144710 (CODE READING CONTACTS) MODIFICATION KITS



#Not Part of 144997

FIGURE 30. 144997 FIGURES - LETTERS CONTACT ASSEMBLY

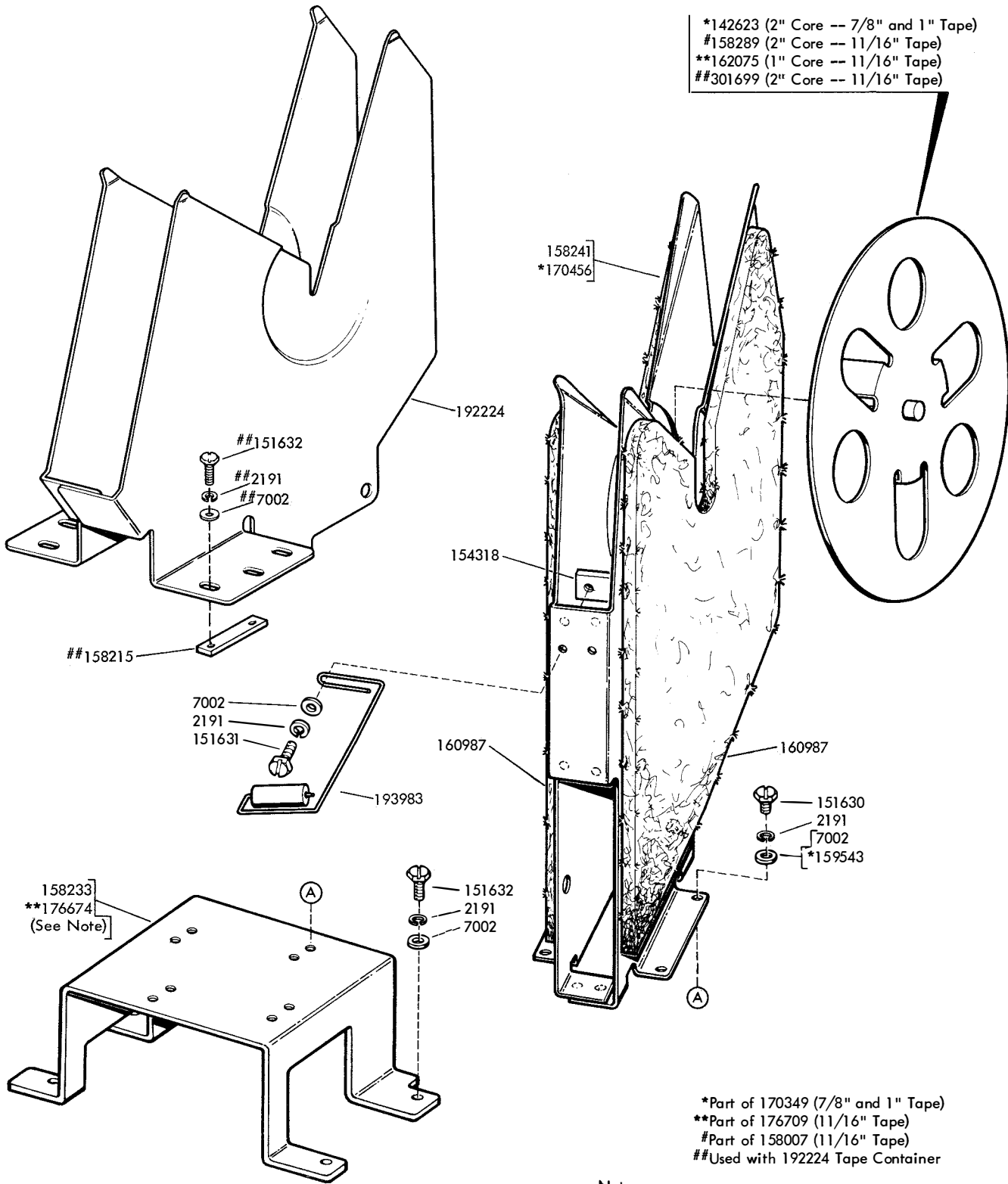


FIGURE 31. 158007, 170349 AND 176709 TAPE CONTAINER ASSEMBLIES

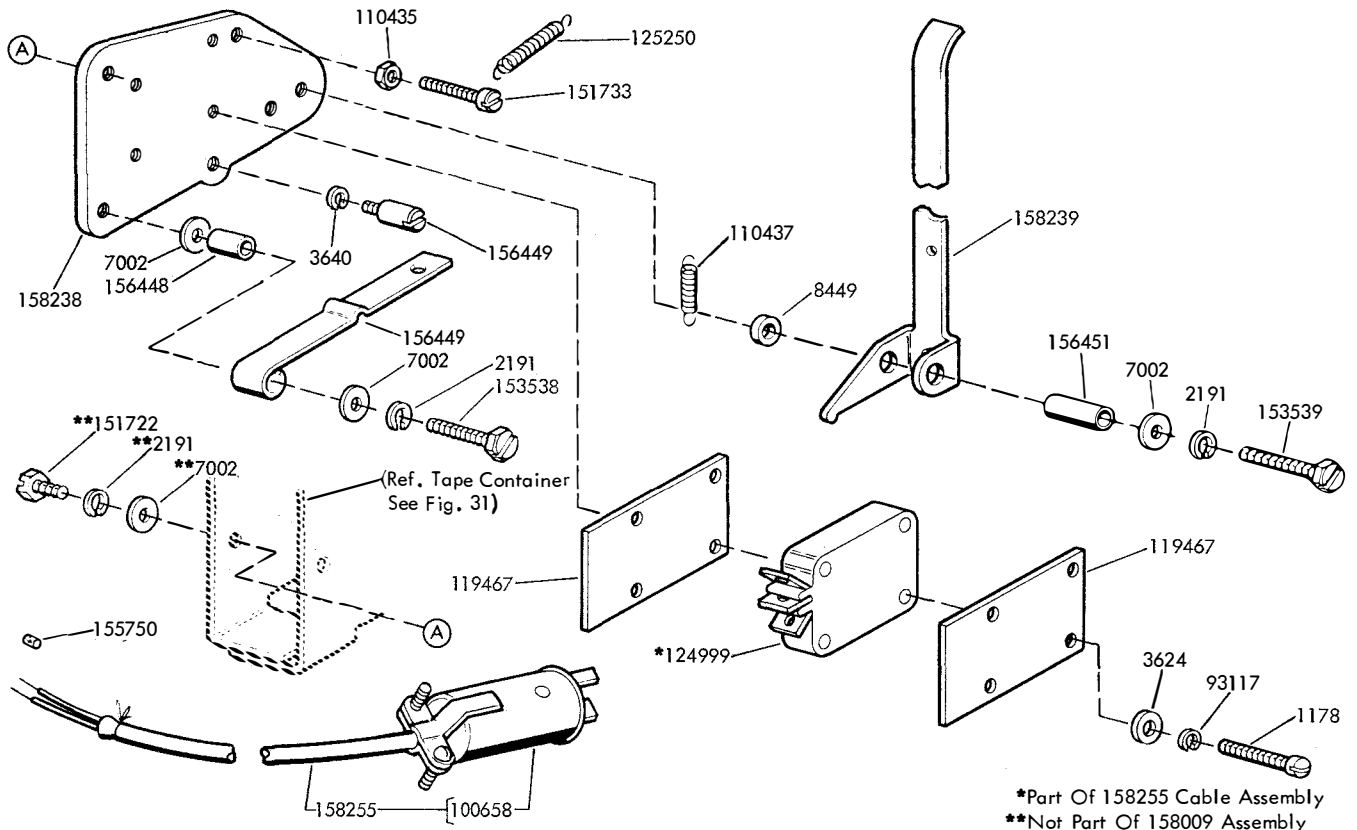


FIGURE 32. 158009 (TWO WIRE) TAPE-OUT SWITCH ASSEMBLY

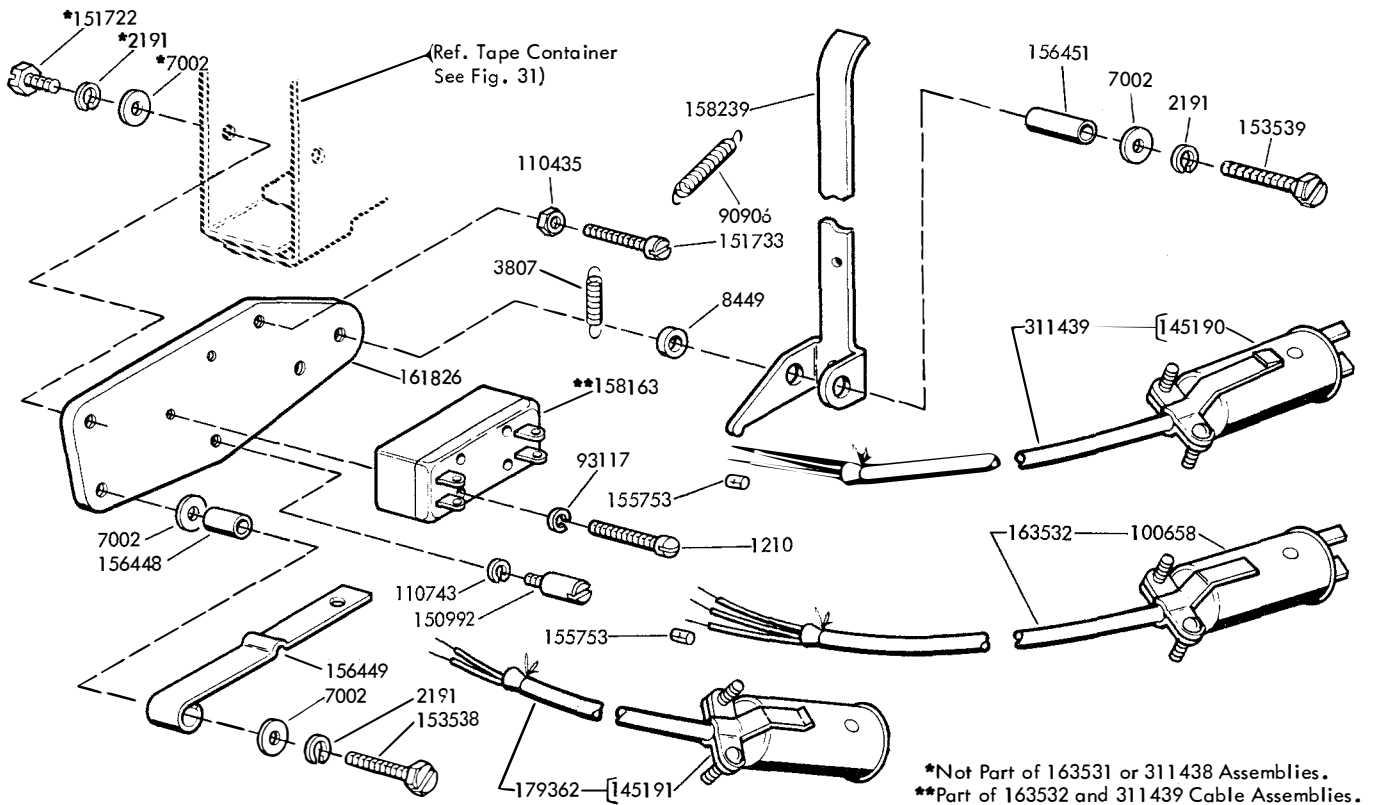


FIGURE 33. 163531 (THREE WIRE) AND 311438 (TWO WIRE) TAPE-OUT SWITCH ASSEMBLIES

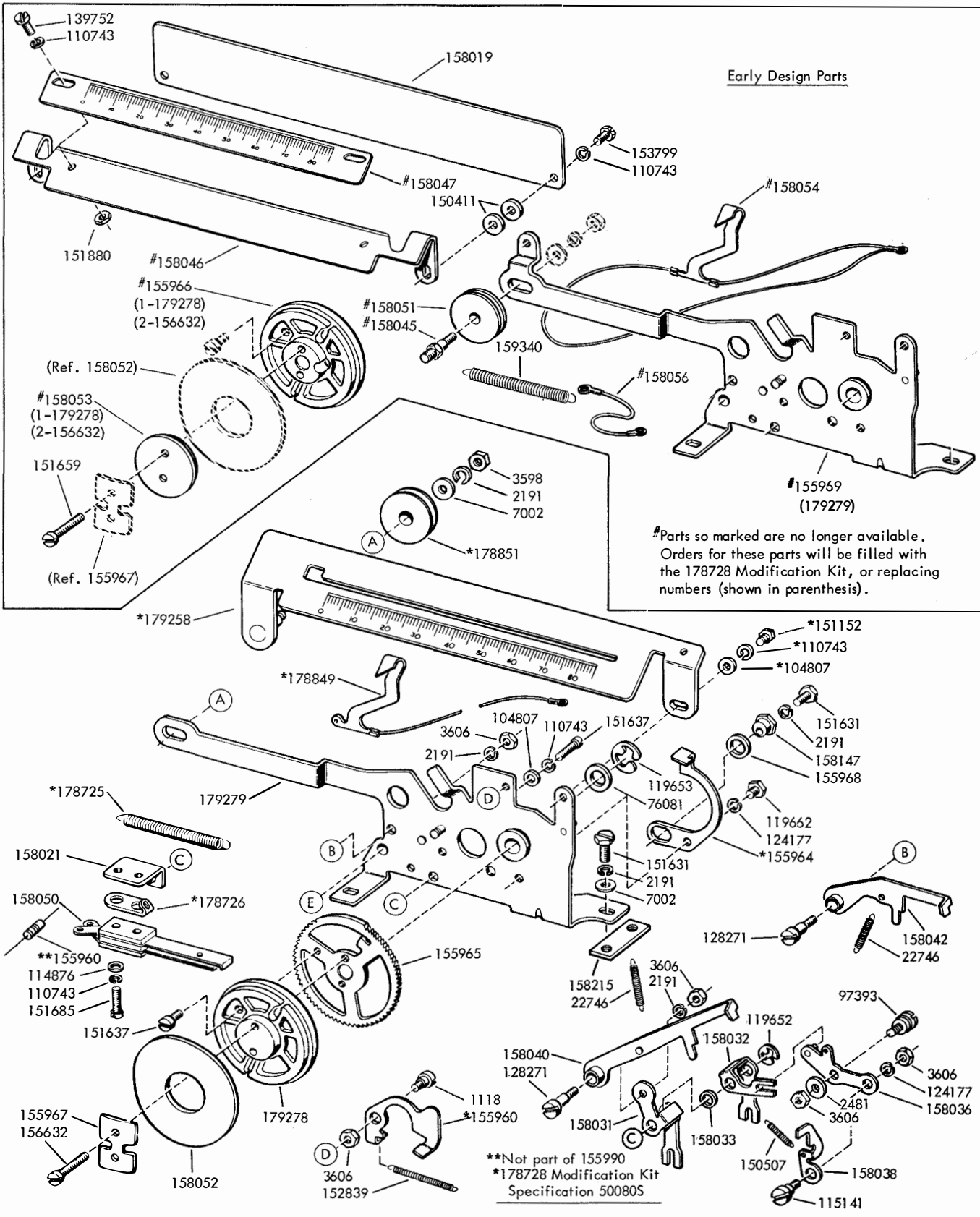


FIGURE 34. 155990 CHARACTER COUNTER ASSEMBLY

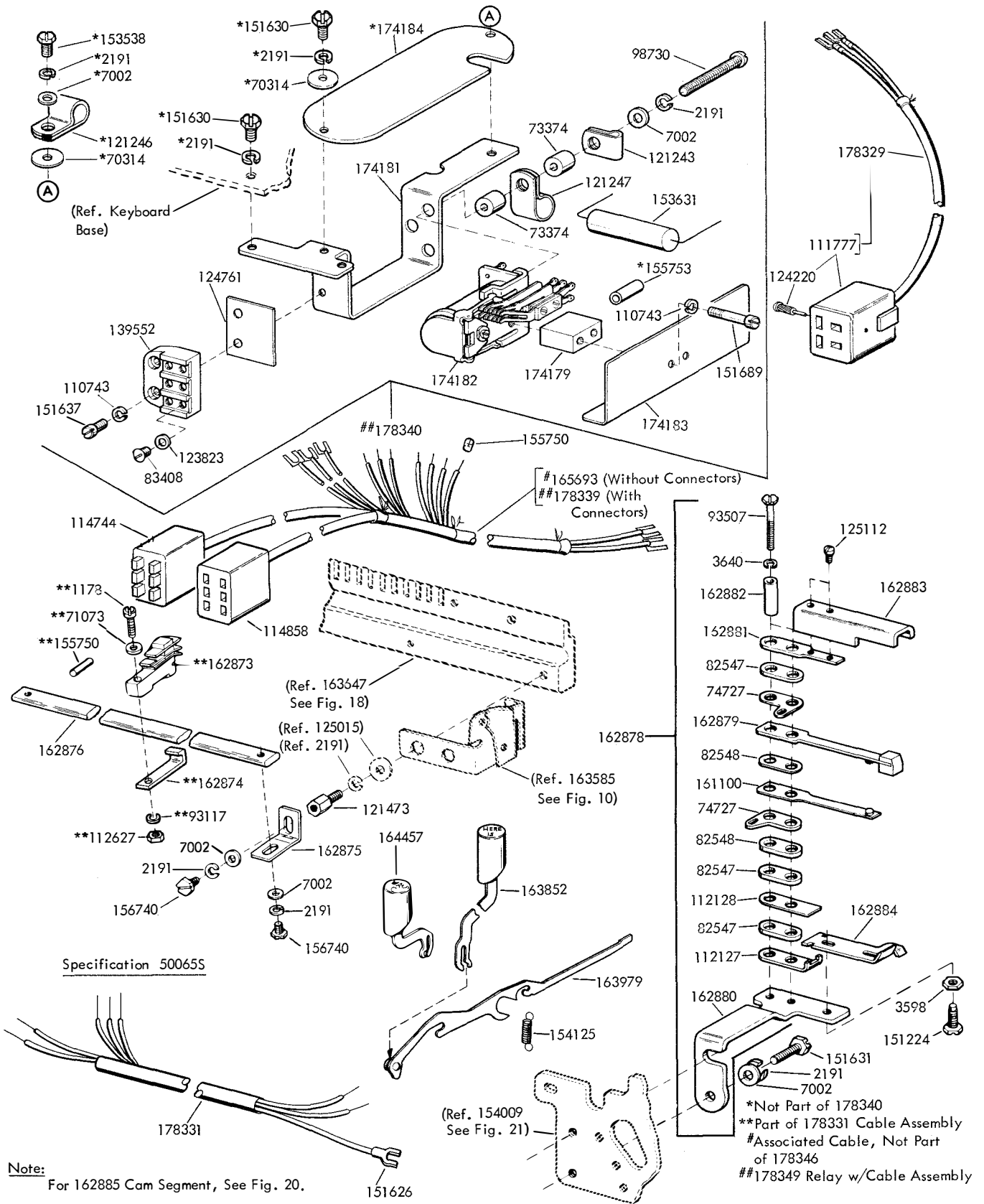


FIGURE 35. 178346 MODIFICATION KIT TO EQUIP KEYBOARD WITH ANSWER-BACK CONTROL

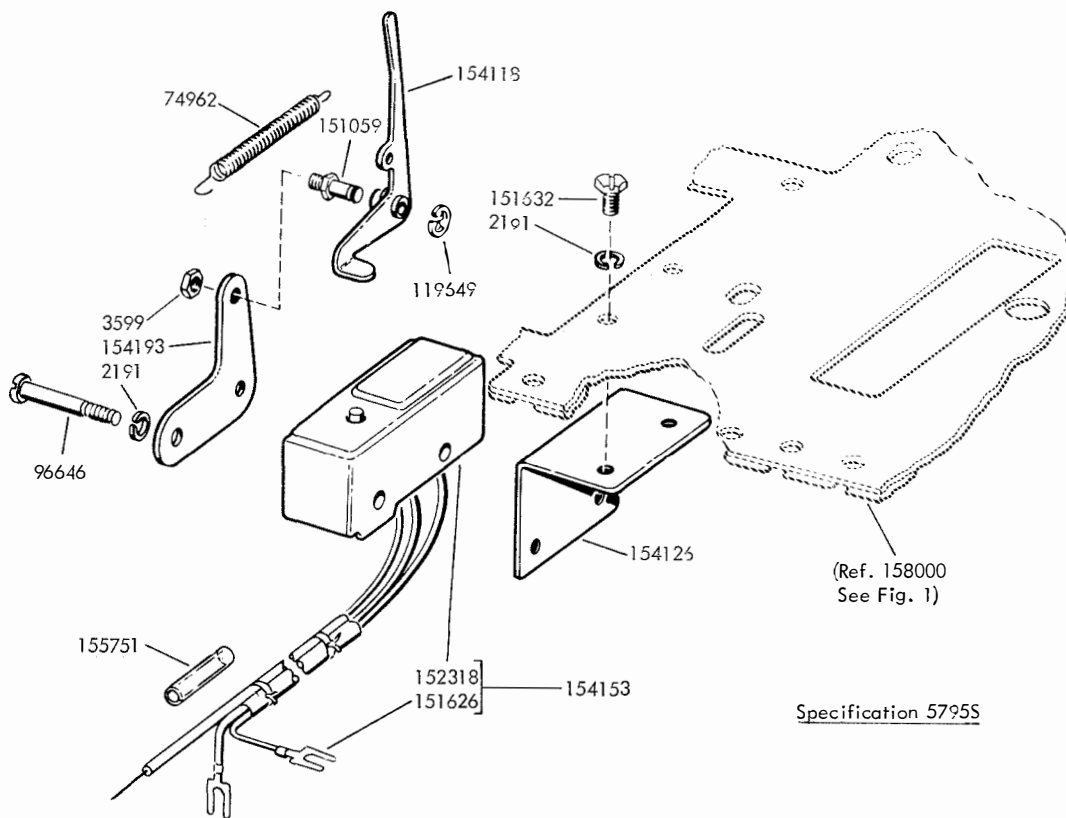


FIGURE 37. 154147 MODIFICATION KIT TO PROVIDE LOCAL PAPER FEED-OUT MOTOR STARTING MECHANISM

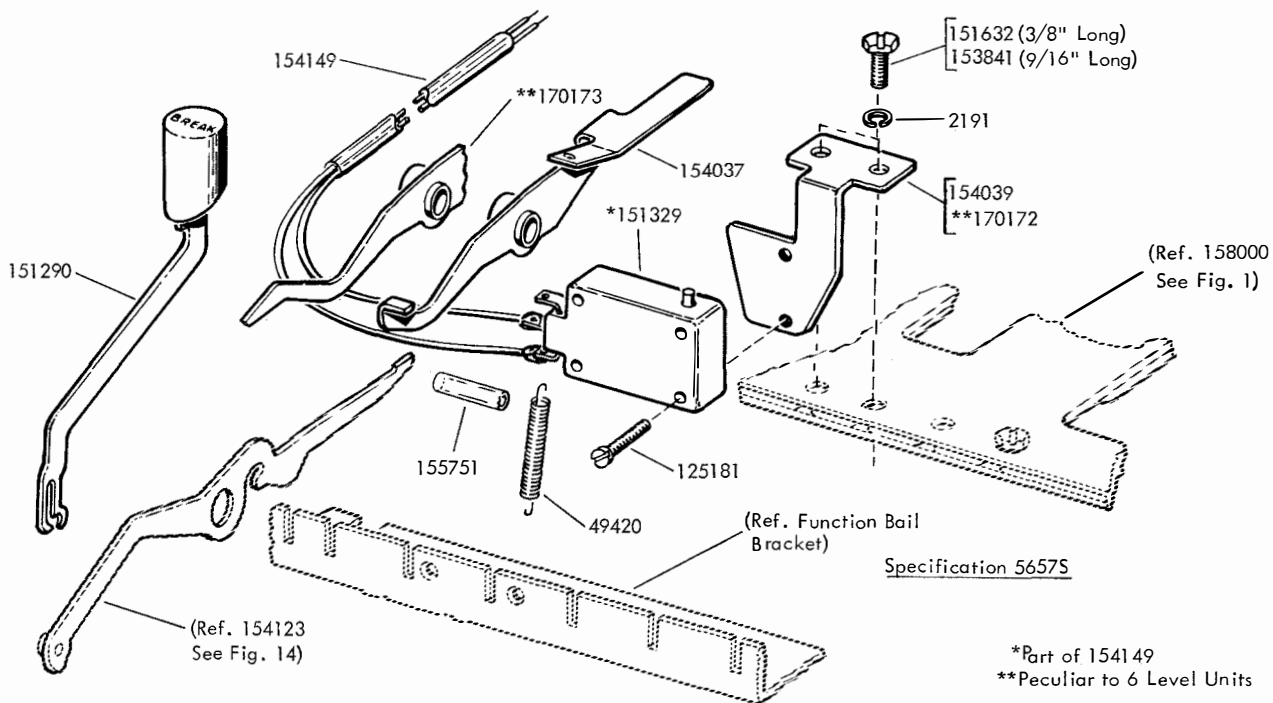


FIGURE 38. 154141 MODIFICATION KIT TO PROVIDE ELECTRICAL SIGNAL LINE BREAK MECHANISM

*Part of 154149
 **Peculiar to 6 Level Units

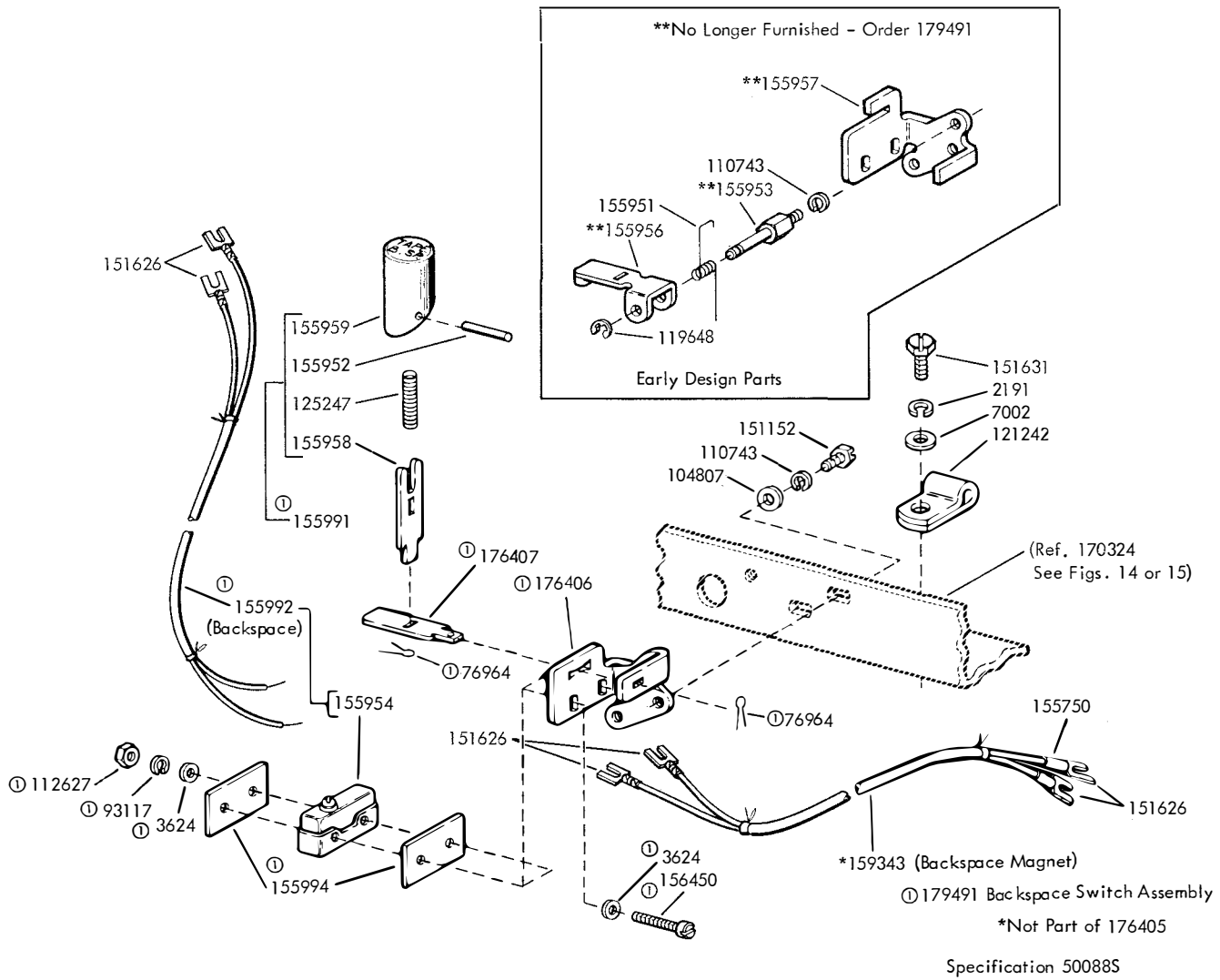


FIGURE 39. 176405 MODIFICATION KIT TO ADD TAPE BACKSPACE BUTTON

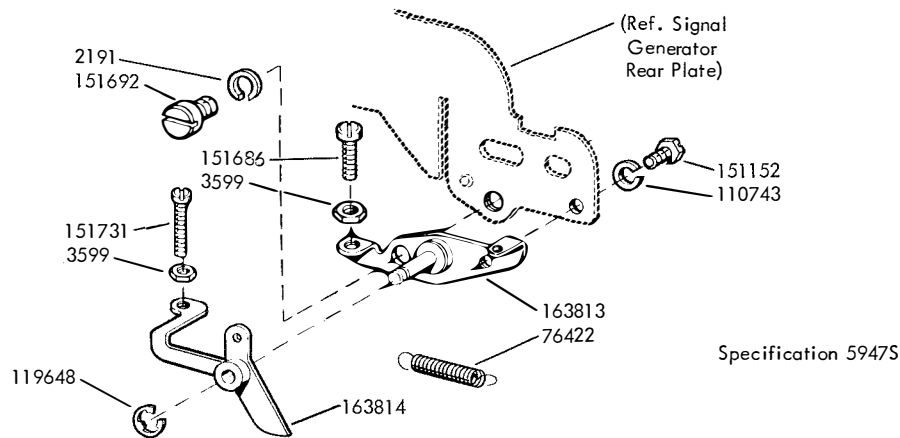
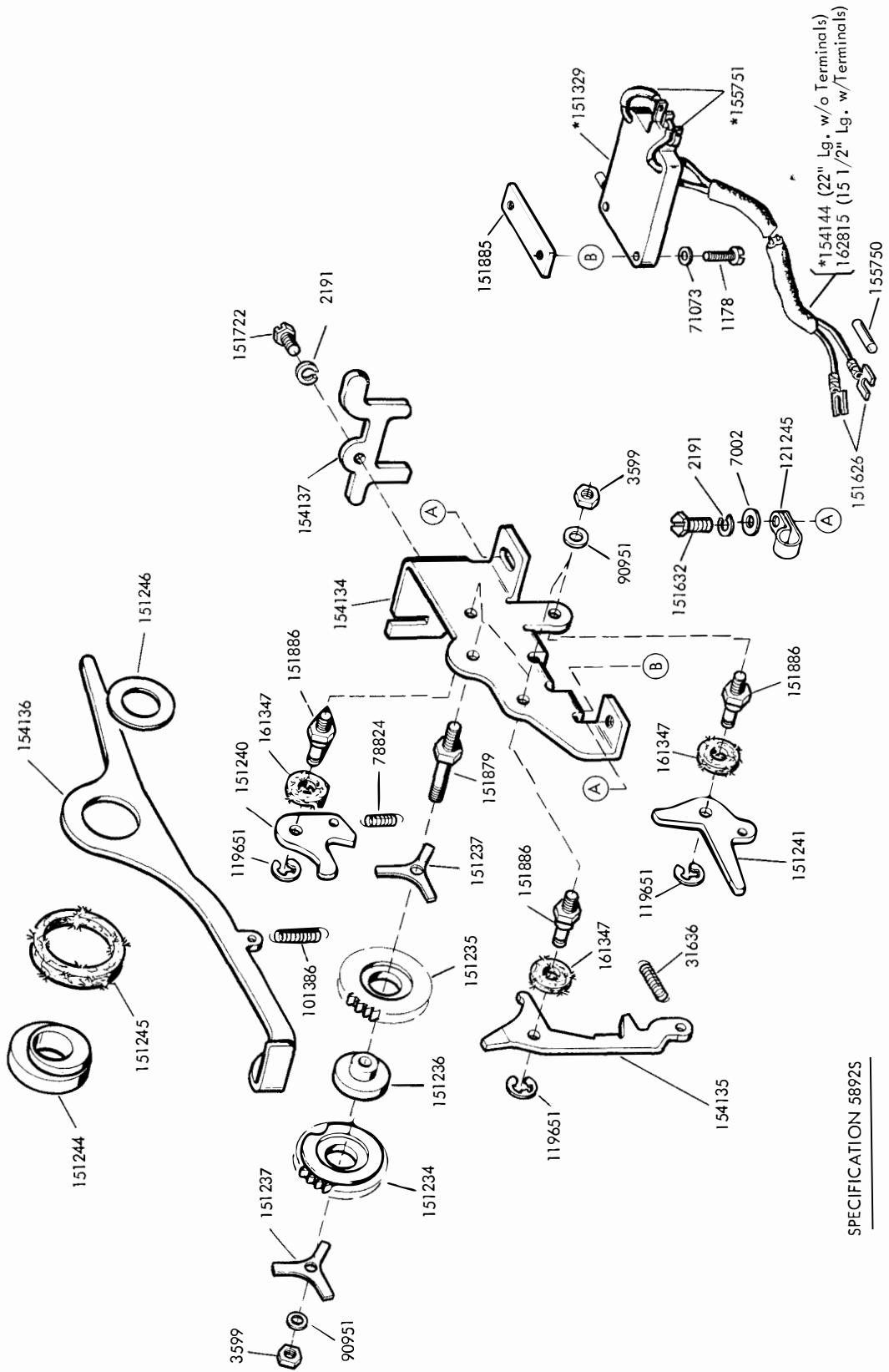
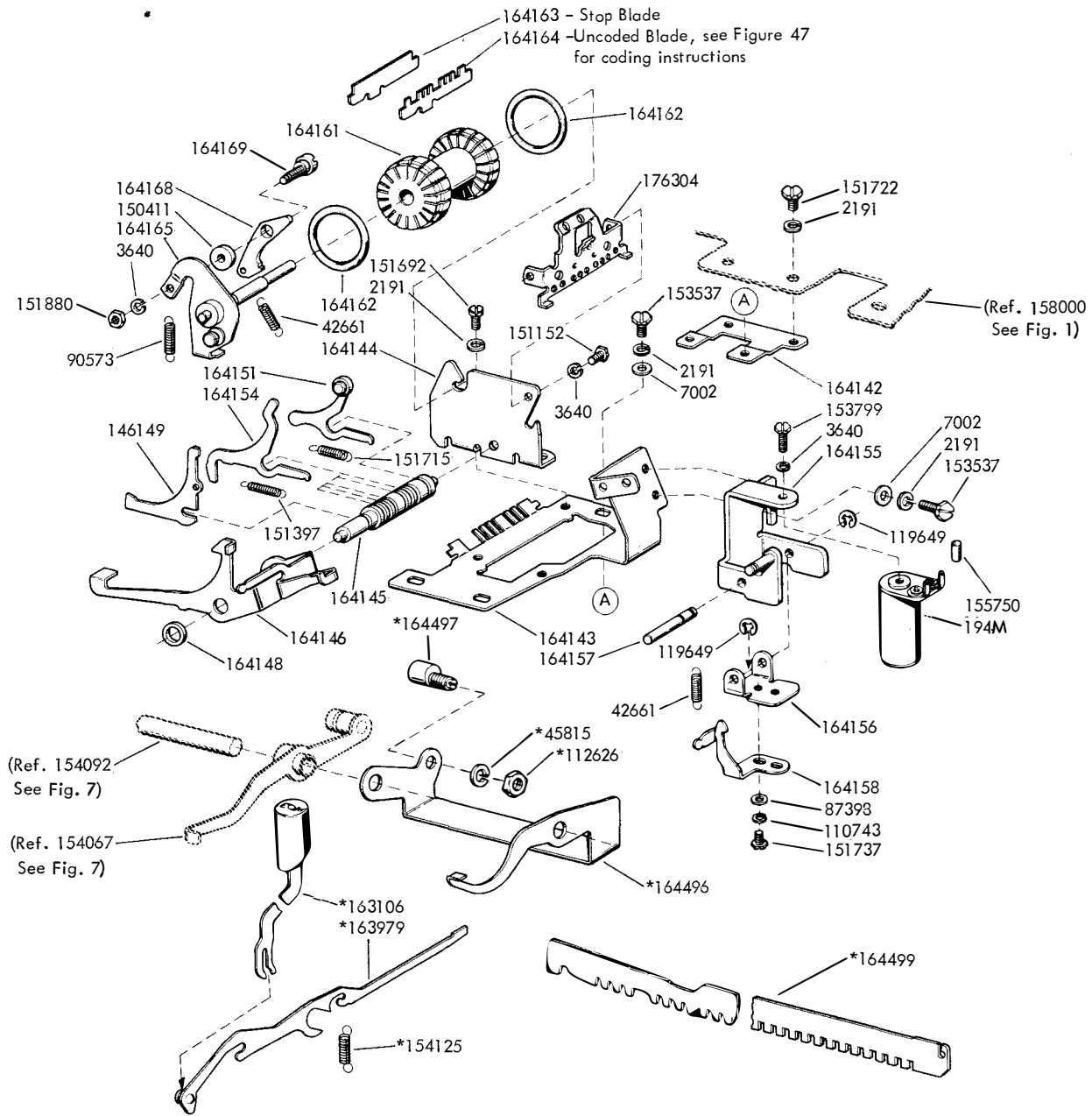


FIGURE 40. 163775 MODIFICATION KIT TO PROVIDE REPEAT ON SPACE MECHANISM



SPECIFICATION 58925

FIGURE 41. 162731 MODIFICATION KIT TO PROVIDE KEYBOARD WITH TIME DELAY MECHANISM



164502 - Specification 59545
 172945 - Specification 500065

*Peculiar to 164502 Only

FIGURE 42. 164502 (END OF MESSAGE GENERATOR) AND 172945 (ANSWER-BACK) MODIFICATION KITS - SEE FIGS. 43, 44 AND 45

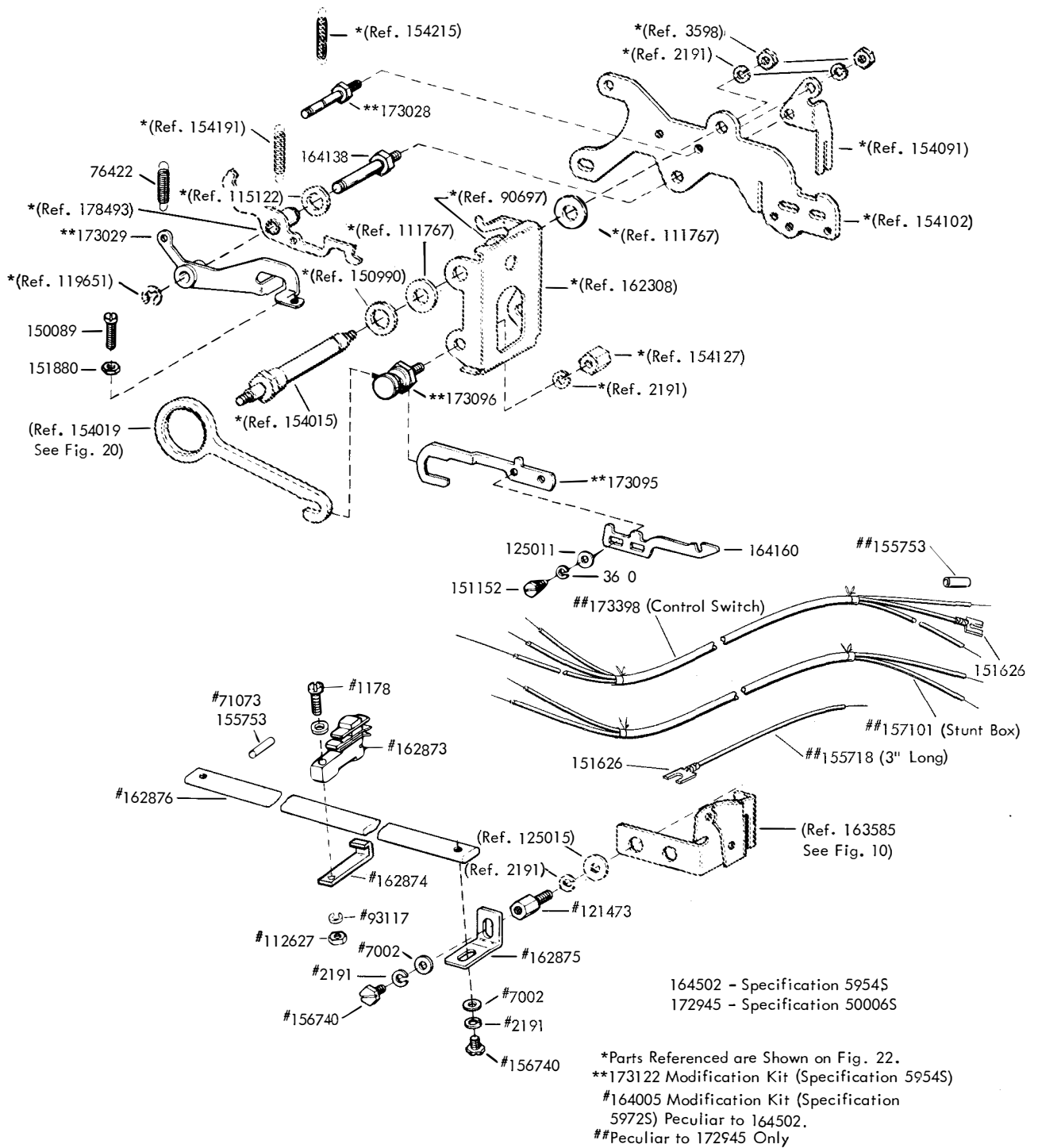


FIGURE 43. 164502 (END OF MESSAGE GENERATOR) AND 172945 (ANSWER-BACK) MODIFICATION KITS - SEE FIGS. 42, 44 AND 45.

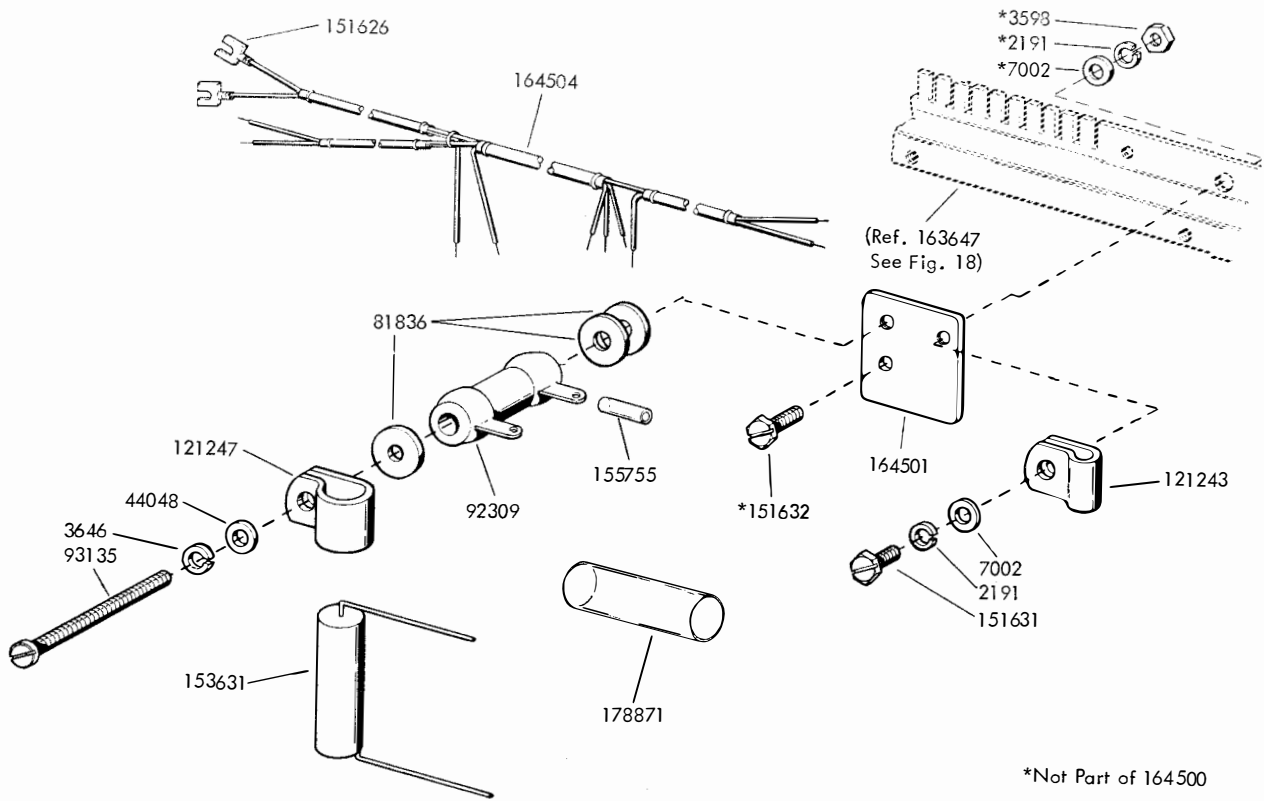


FIGURE 44. 164500 RESISTOR ASSEMBLY (PART OF 164502 MODIFICATION KIT - SEE FIGS. 42 AND 43)

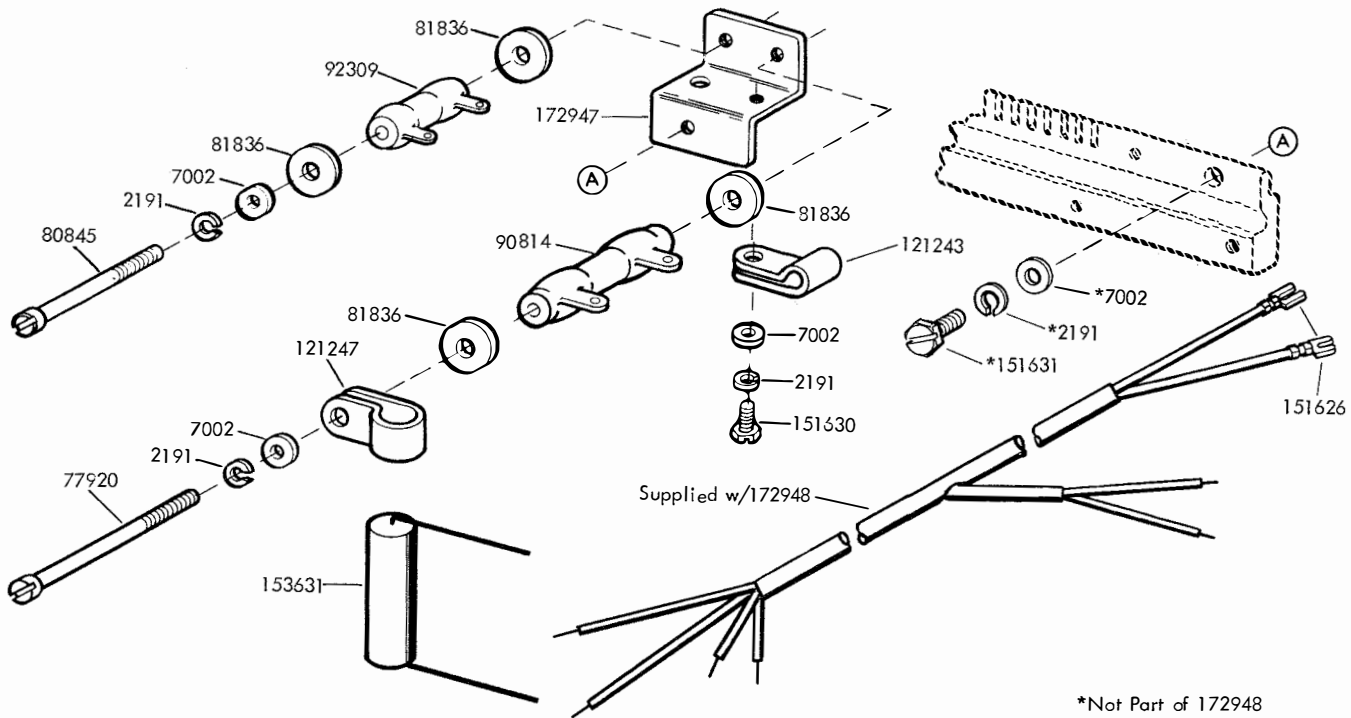
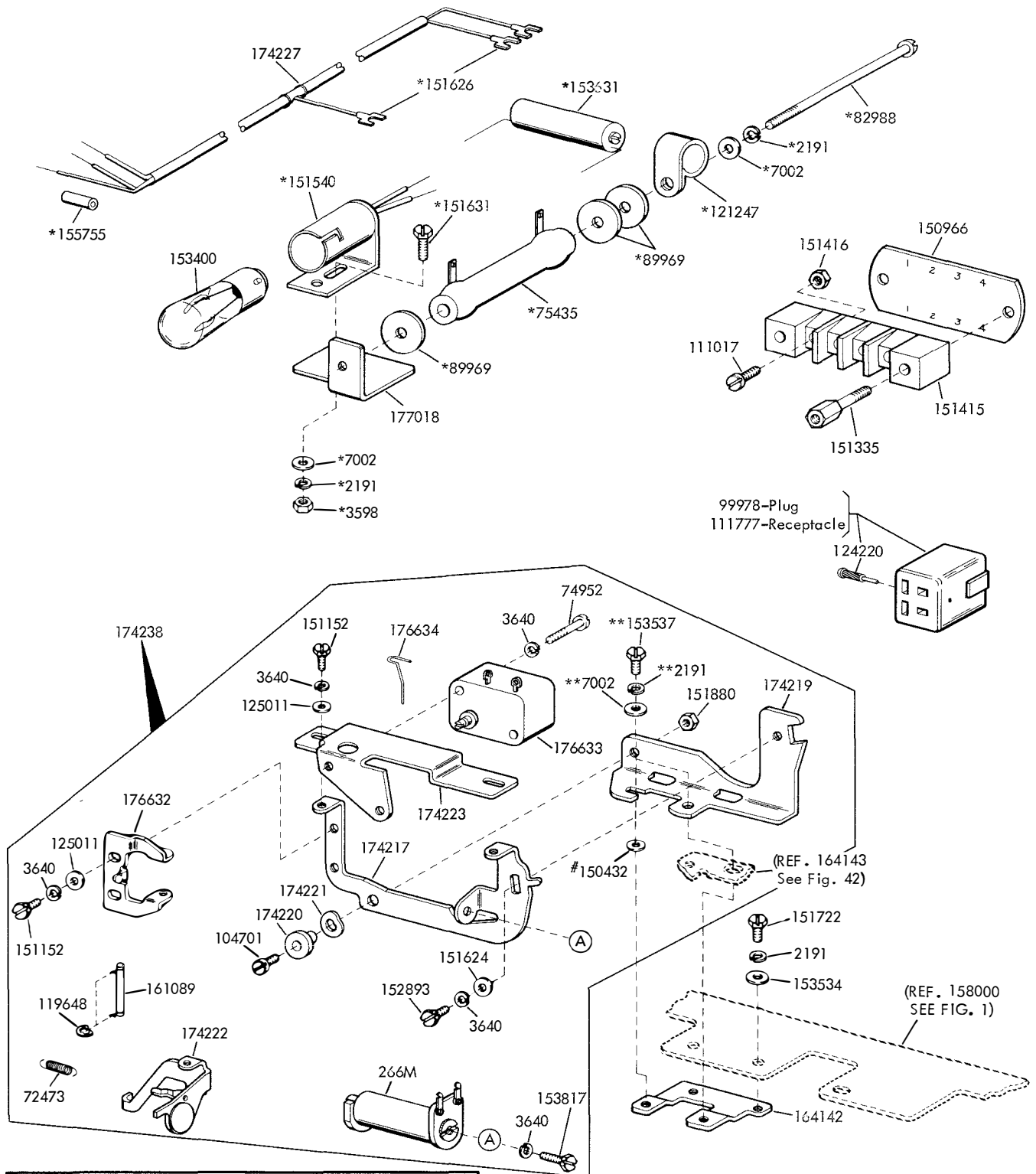


FIGURE 45. 172948 RESISTOR ASSEMBLY (PART OF 172945 MODIFICATION KIT - SEE FIGS. 42 AND 43)



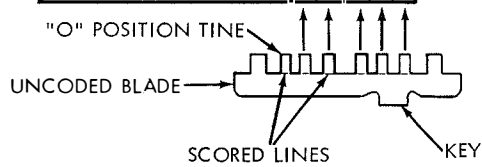
CABLE CHART				
CABLE ASSEMBLY	TERMINAL	INSL. SLEEVE	RECEPTACLE	PLUG
174225	151626	155754	111777	
174226	151626			
174227	151626	155755		99978
179740	151626	155754		

*Part of 174227 Cable Assembly
 **Not Part of 174238 Electro Magnet Assembly
 #Only One 150432 Flat Washer is Used
 When Answer Back is Present
 Specification 501125

FIGURE 46. 164426 MODIFICATION KIT TO ADD HORIZONTAL TAB DISABLER

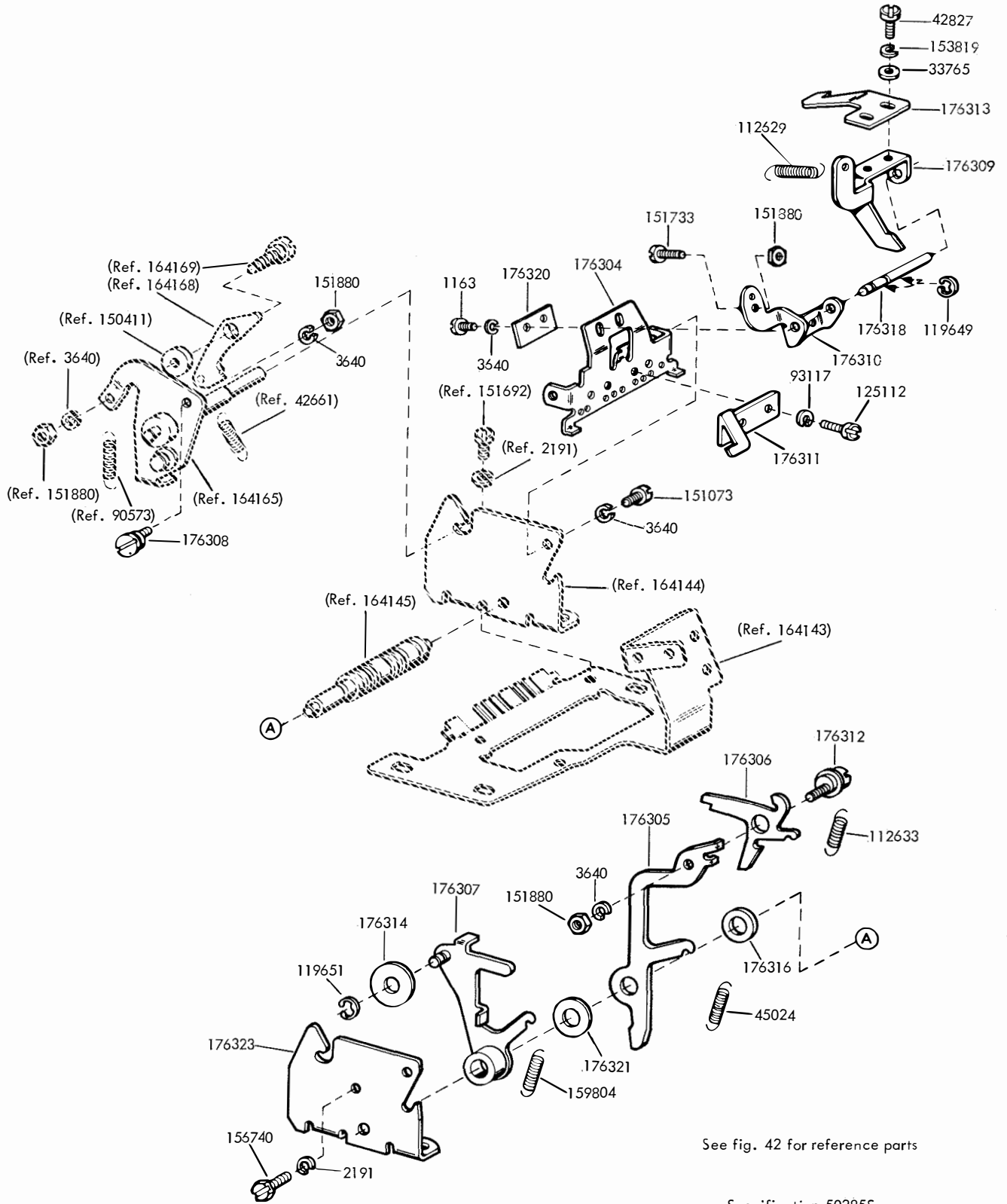
CHARACTER	CODE				
	1	2	3	4	5
A	X	X			
B	X			X	X
C		X	X	X	
D	X			X	
E	X				
F	X		X	X	
G		X		X	X
H			X	X	X
I		X	X		
J	X	X		X	
K	X	X	X	X	
L		X			X
M			X	X	X
N			X	X	
O				X	X
P		X	X		X
Q	X	X	X	X	
R		X		X	
S	X		X		
T					X
U	X	X	X		
V		X	X	X	X
W	X	X			X
X	X		X	X	X
Y	X		X		X
Z	X				X
CARRIAGE RETURN				X	
LINE FEED		X			
LETTERS SHIFT	X	X	X	X	X
FIGURES SHIFT	X	X		X	X
SPACE			X		
BLANK					

— LEAVE TINE
 — REMOVE TINE



Coding Instructions for the Code Blades used in the Answer Back Feature on an LAK Keyboard Base.

FIGURE 47. CODING THE KEYBOARD ANSWER-BACK DRUM BLADE



See fig. 42 for reference parts

Specification 502855

FIGURE 48. 176395 MODIFICATION KIT TO PROVIDE LOCK BAR RESET TO ANSWER-BACK

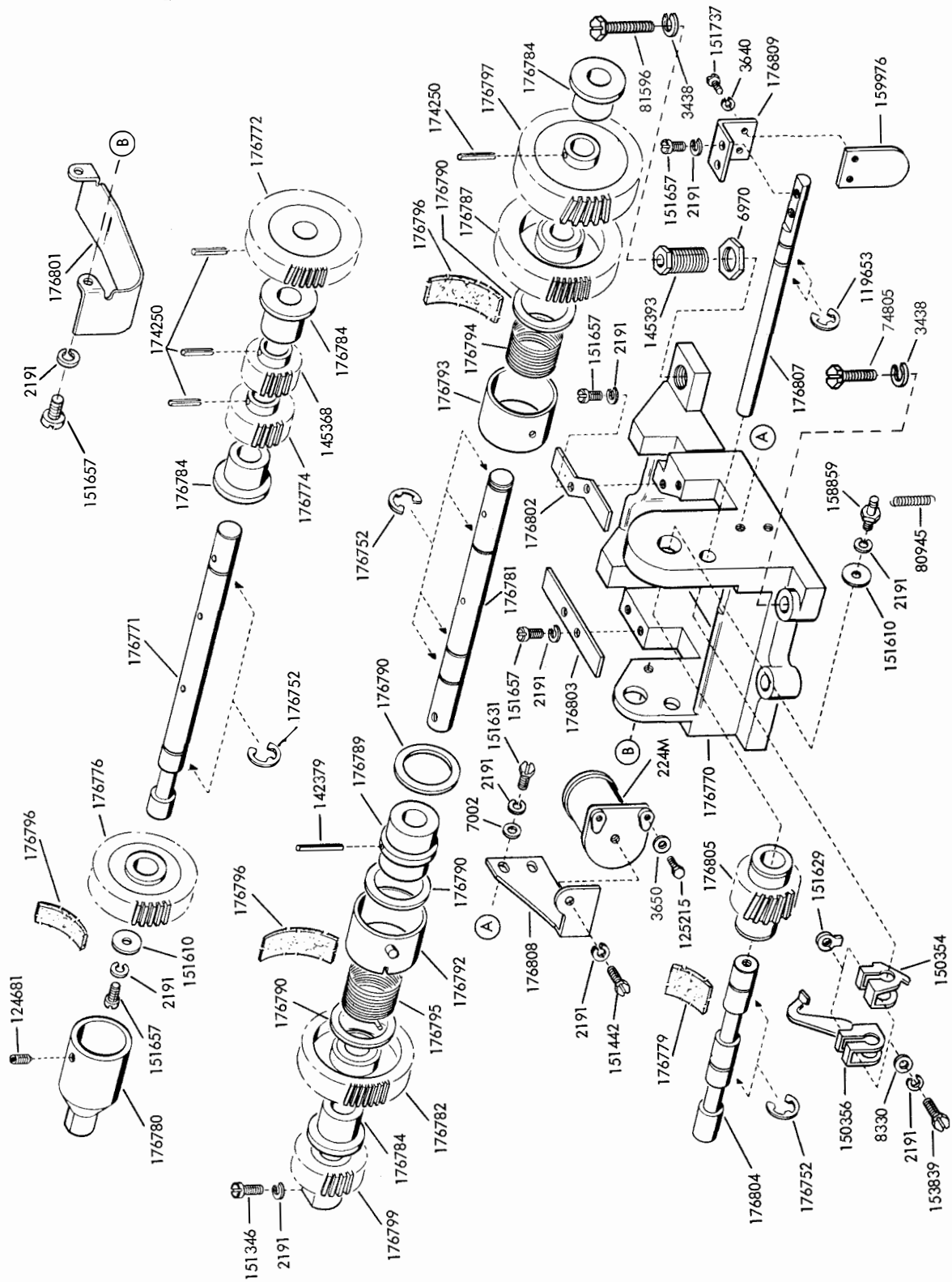
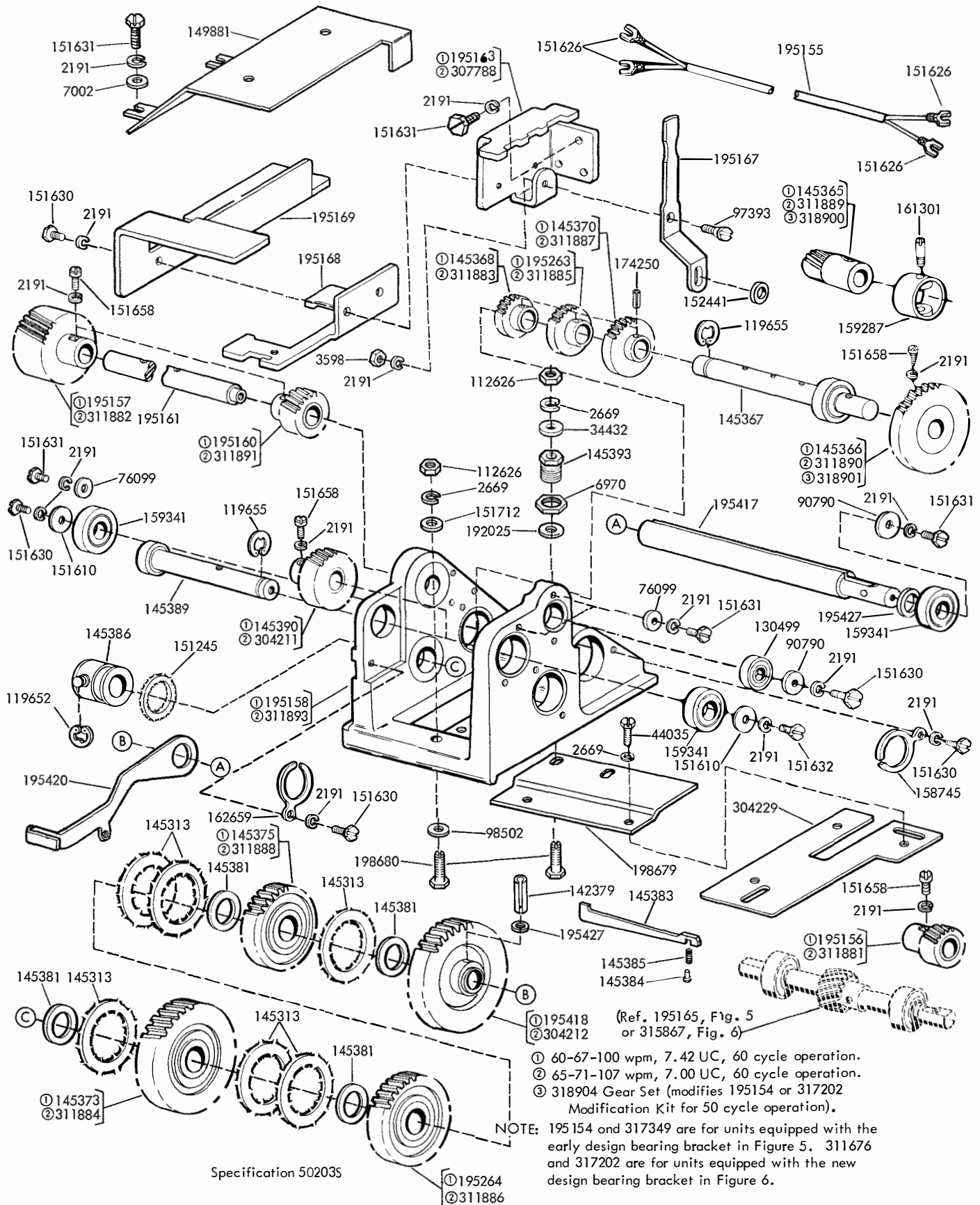


FIGURE 49. REMOTE CONTROL SPEED SHIFT GEAR MECHANISM
(60 - 100 WPM, 7.42 UNIT CODE)



- ① 60-67-100 wpm, 7.42 UC, 60 cycle operation.
- ② 65-71-107 wpm, 7.00 UC, 60 cycle operation.
- ③ 318904 Gear Set (modifies 195154 or 317202 Modification Kit for 50 cycle operation).

NOTE: 195154 and 317349 are for units equipped with the early design bearing bracket in Figure 5. 311676 and 317202 are for units equipped with the new design bearing bracket in Figure 6.

See figures 5 and 6 for additional parts

FIGURE 50. 195154 AND 317202 (60-67-100 WPM, 7.42 UNIT CODE) AND 311676 AND 317349 (65-71-107 WPM, 7.00 UNIT CODE) MODIFICATION KITS TO ADD THREE SPEED GEAR SHIFT TO KEYBOARD

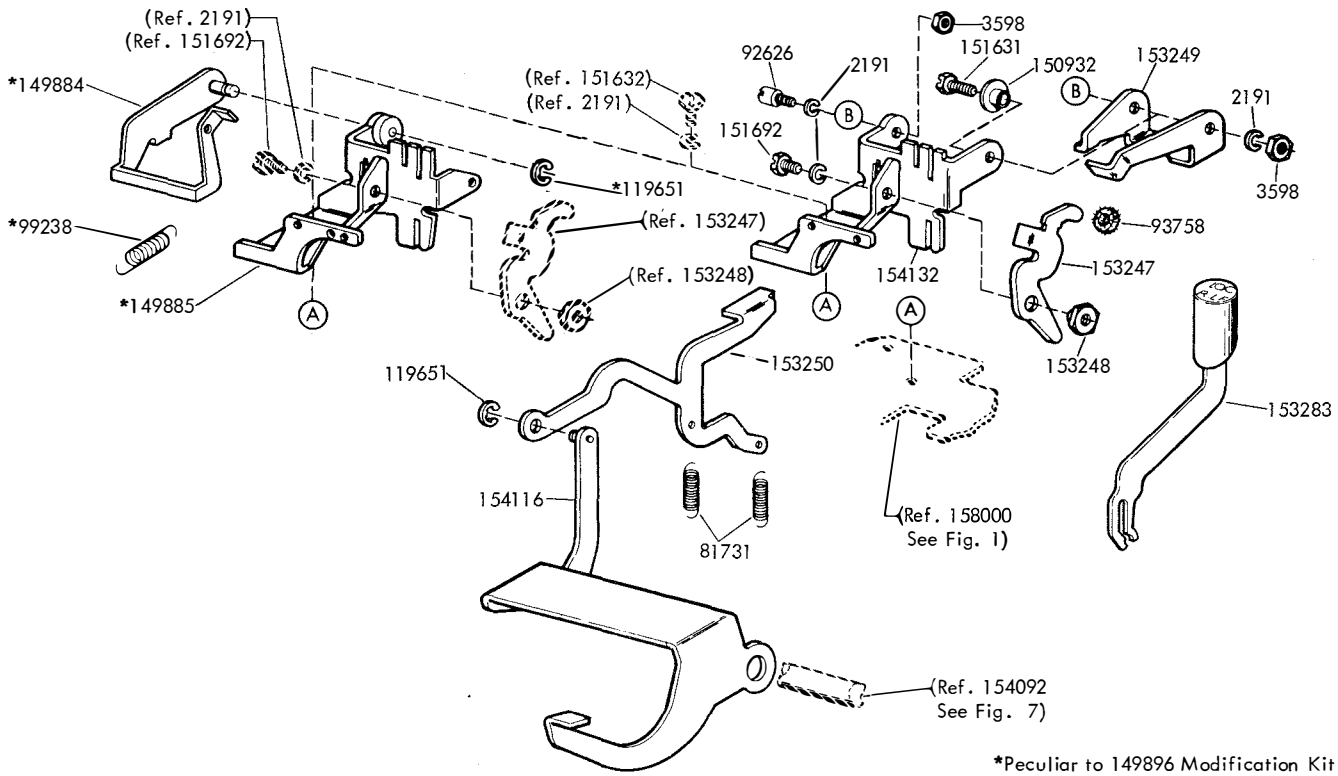


FIGURE 51. 149896 AND 154145 MODIFICATION KITS TO PROVIDE LOCAL REVERSE LINE FEED MECHANISM (MARK III)

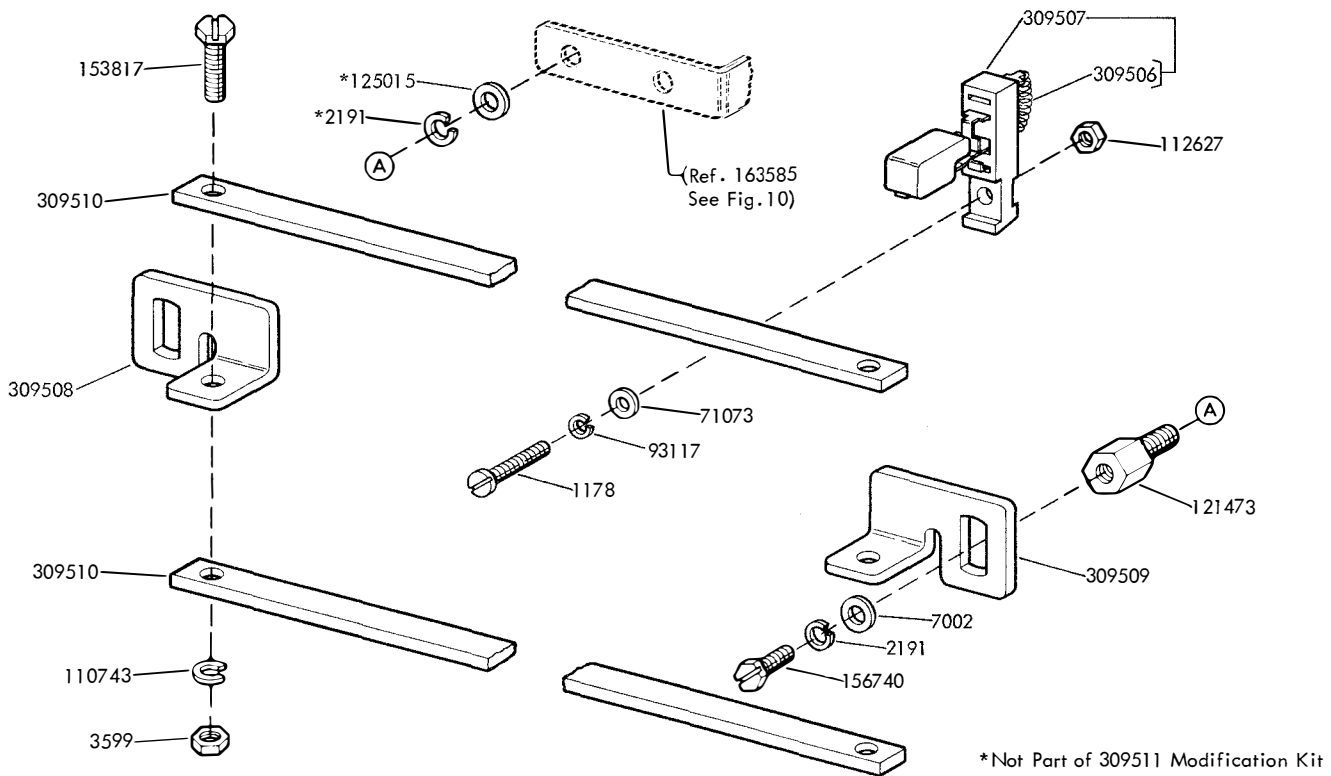
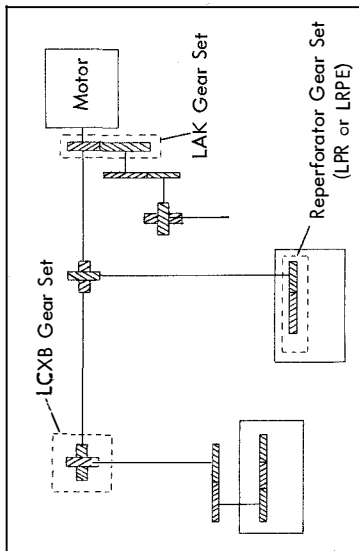
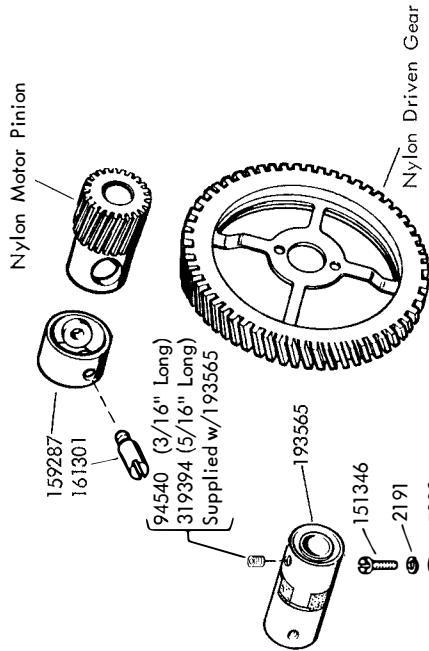
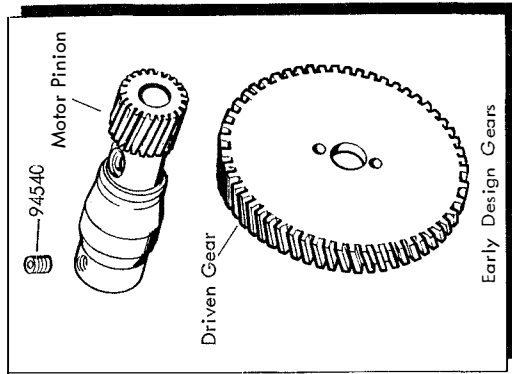


FIGURE 52. 309511 MODIFICATION KIT TO PROVIDE UNIVERSAL KEYBOARD SWITCH ON (MARK III) KEYBOARDS

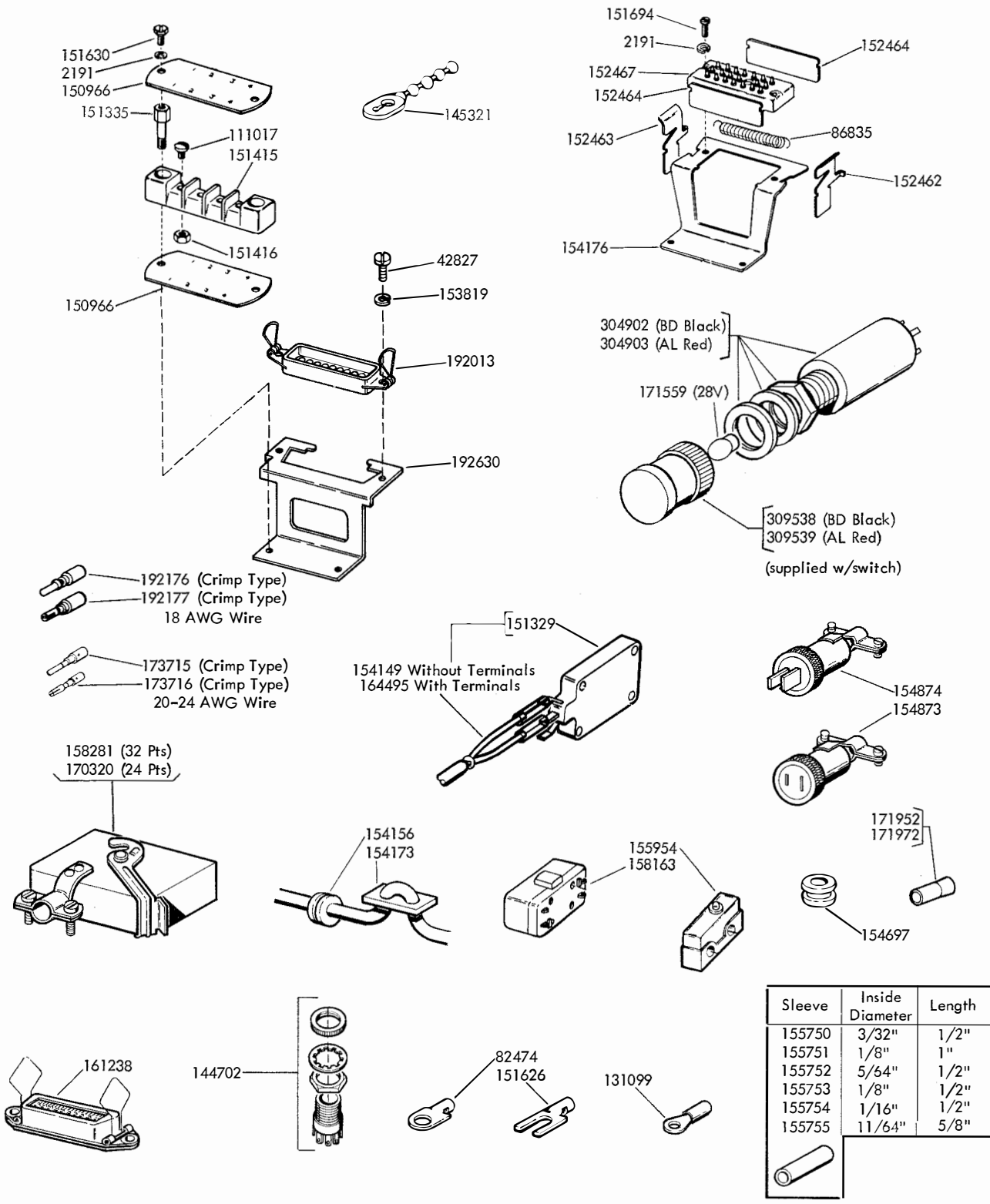


+Gears For Motors Operating on 50 Cycle Current at 3000 RPM.
 * Includes keyboard and single TD gear sets only.
 ** Modification Kit including keyboard and single TD gear sets and the 193565 coupling (required when replacing an early style gear set).
 # Includes keyboard, single TD base and reperforator gear sets.
 ## Includes keyboard, dual TD base and reperforator gear sets.

Mounts Steel Pinion
 To Motor Shaft

WPM/OPM Baud Unit Code	65/390 45.5 7.00	71/428 50 7.00	81/488 56.9 7.00	106/636 74.2 7.00	107/643 75 7.00	60/368 45.5 7.42	67/404 50 7.42	75/460 56.88 7.42	100/600 74.2 110 7.42 11.0	61/364 45.5 7.50	66/400 50 7.50	100/600 75 7.50	89/529 75 8.50
Keyboard (LAK) Gear Set includes: Isolator Post (2)	173795 173794-14T 173793-100T 159287 161301	163504 163461-18T 163462-117T 159287 161301	198050 198051-17T 198052-97T 159287 161301	198053 198054-21T 198055-92T 159287 161301	163505 163463-24T 163464-104T 159287 161301	161293 159278-14T 159279-96T 159287 161301	194927 194925-13T 194926-81T 159287 161301	161294 159281-17T 159282-93T 159287 161301	161295 159284-20T 159285-84T 159287 161301	173795 173794-14T 173793-100T 159287 161301	163504 163461-18T 163462-117T 159287 161301	163505 163463-24T 163464-104T 159287 161301	170089 170185-25T 170186-119T 159287 161301
Single TD Base (LCXB) Gear Set includes:	159882 155996-13T 155997-60T	161357 161333-10T 161332-42T	198056 198057-19T 198058-70T	159883 155998-12T 155999-34T	163454 163452-20T 163453-56T	158029 158005-9T 158006-44T	161356 161331-11T 161330-49T	158028 158003-12T 158004-47T	158027 158002-11T 158001-33T	178775 178776-17T 178777-56T	178772 178773-20T 178774-60T	178769 178770-23T 178771-46T	
Dual TD Base (LCXB) Gear Set includes:					199090-20T 199091-56T		195146 195144-11T 195145-49T		170293-11T 170297-33T				170189-15T 170190-51T
Reperforator (LPR or LRPE) Gear Set includes:	173992 173993-14T 173994-40T	163457 163455-20T 163456-52T			163502 163501-30T 163500-52T	163023 163021-28T 163022-80T	195184 195182-20T 195183-52T	163024 163019-21T 163020-48T	163025 163015-28T 163018-49T				170187-30T 170188-59T
ASR Gear Set (w/Single TD)						*161859 **164583	#194928 **163302	*161860 **164584	*161861 **164585				#170088
ASR Gear Set (w/Dual TD)							#195147		#170100				
Keyboard (LAK) Gear Set includes: (Motor Speed 3000 RPM)					*312705	+307850	+307851		+307852				
Single TD Base (LCXB) Gear Set includes: (Motor Speed 3000 RPM)	+319911 319909-13T 319910-50T	+319914 319912-10T 319913-35T			312691-26T 312692-94T	307844-10T 307845-57T	307848-15T 307849-78T		307846-20T 307847-70T				

FIGURE 53. GEAR SETS



Sleeve	Inside Diameter	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"

FIGURE 54. KEYBOARD CABLE COMPONENTS

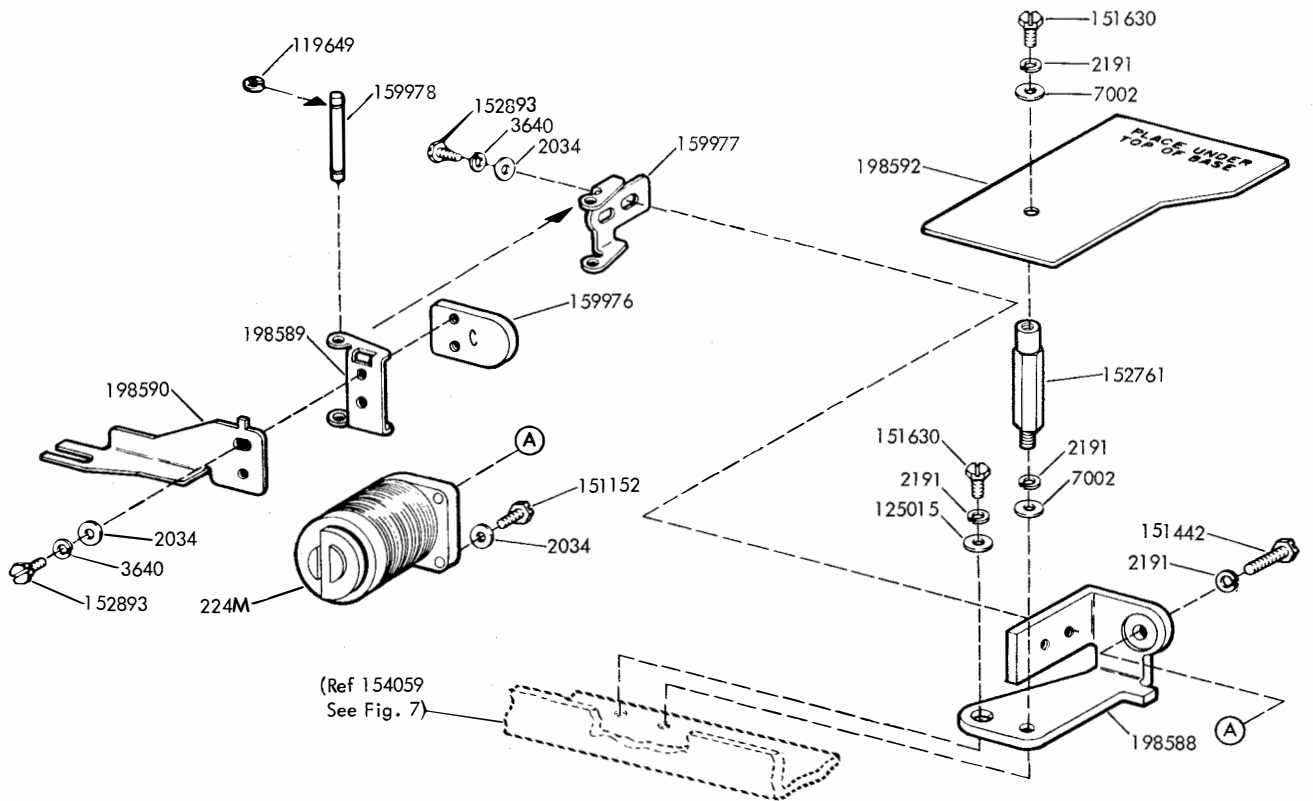


FIGURE 55 . TIME DELAY RESET MECHANISM

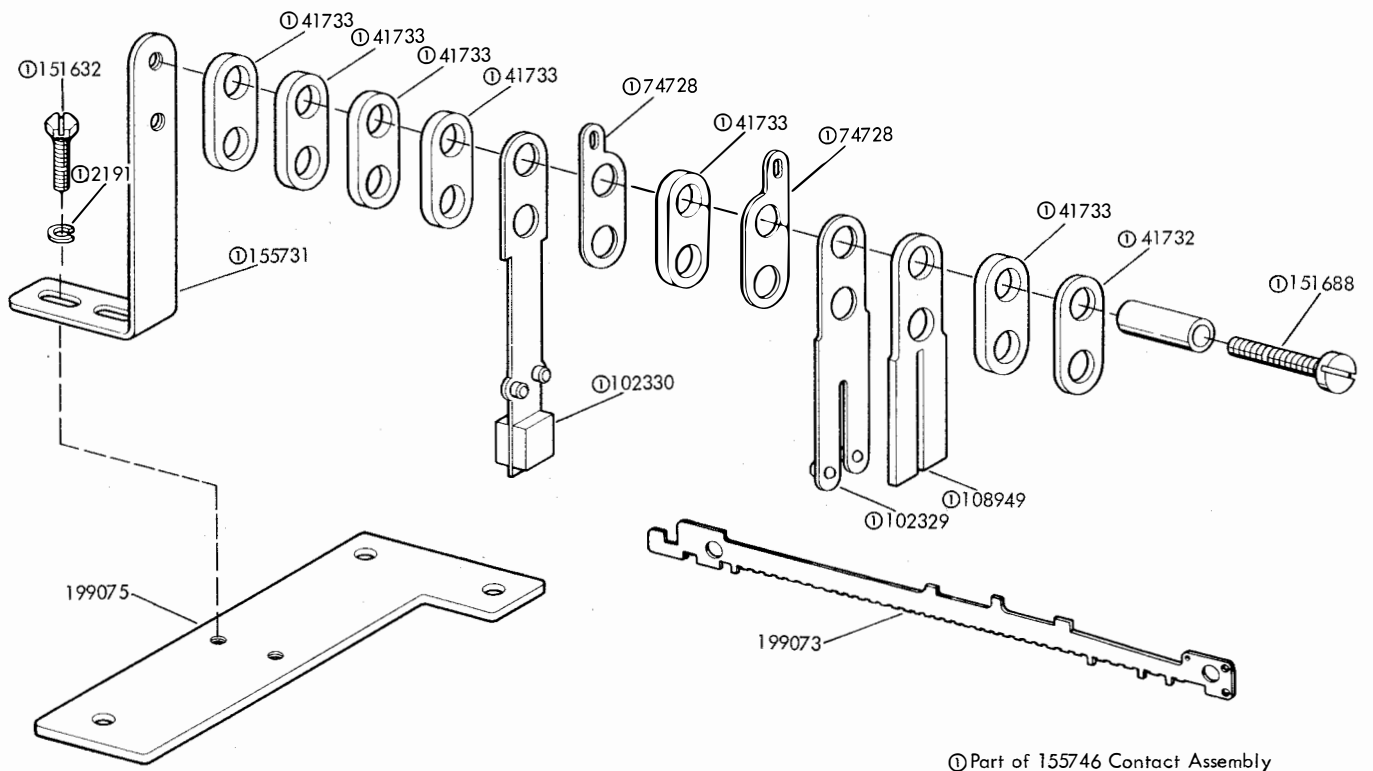


FIGURE 56 . CHARACTER COUNTER STEPPING SWITCH

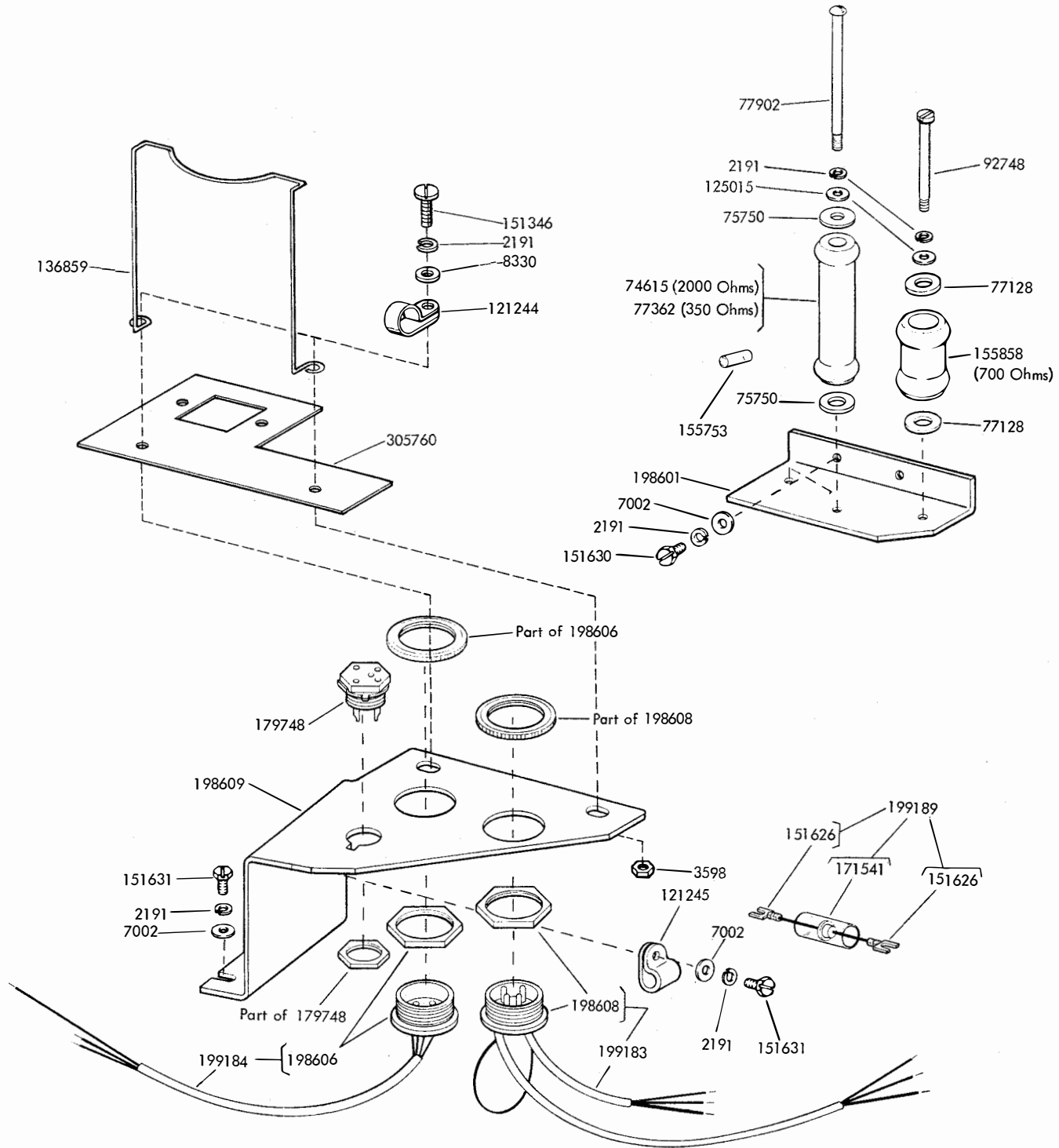


FIGURE 57. TAPE CONTAINER CONTROL COMPONENTS

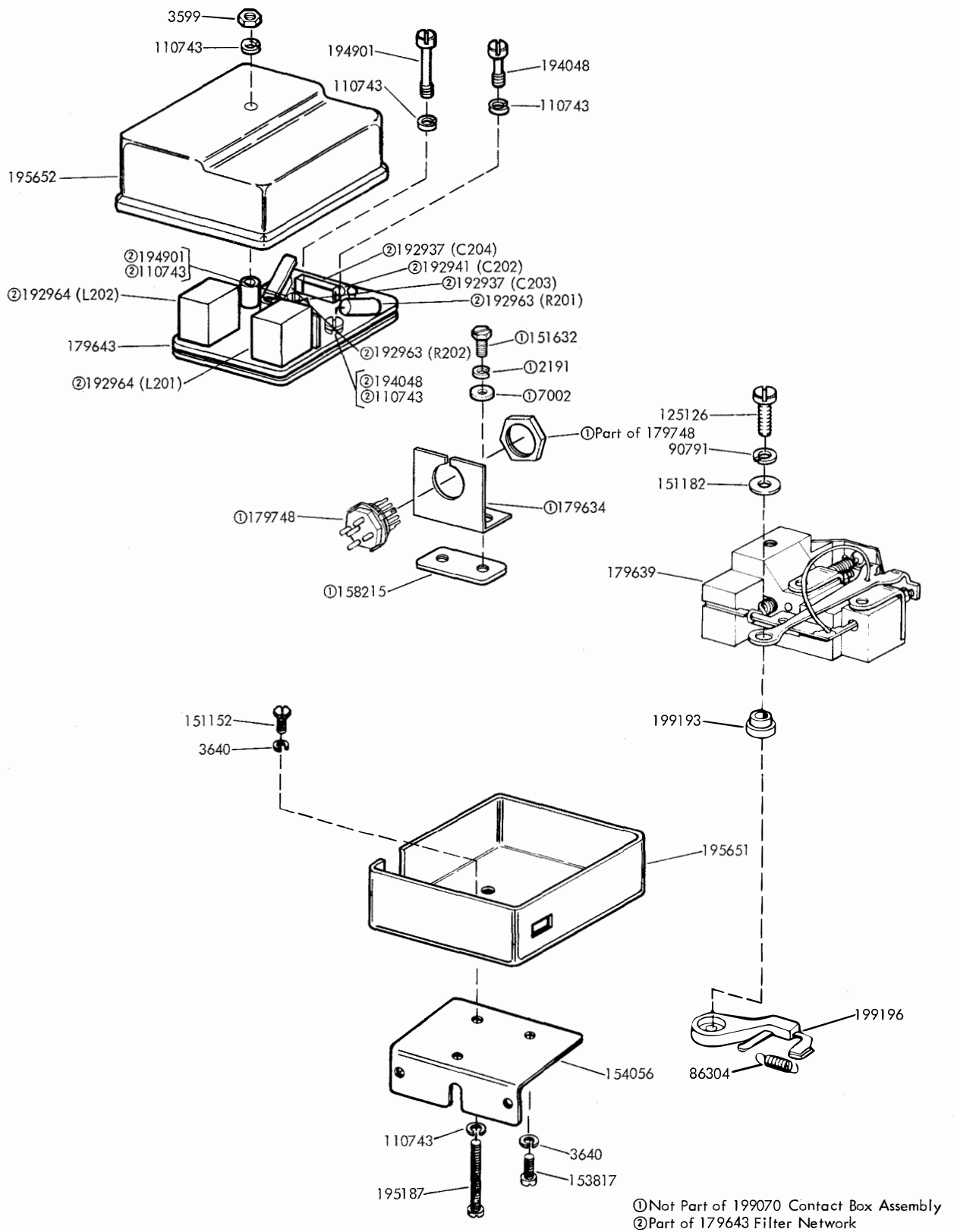


FIGURE 58. 199070 CONTACT BOX ASSEMBLY

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Part Number	Description and Page Number	Part Number	Description and Page Number	Part Number	Description and Page Number
194M	Coil, Magnet 38	49420	Spring 8, 14, 15, 35	89969	Washer, Insulating 41
224M	Coil, Magnet 44, 49	55063	Spring 14	90573	Spring 24, 38, 43
252M	Coil, Magnet 34	55669	Spring 25	90679	Washer, Felt 21
263M	Coil, Magnet 34	70314	Washer, Flat 7, 33	90697	Screw, 10-32 Pivot 39
266M	Coil, Magnet 41	70388	Spring 20	90790	Washer, Flat 45
1020	Screw, 6-40 x 1/4 Hex 20	71073	Washer, Flat 33, 37, 39, 46	90791	Washer, Lock 22, 23, 51
1118	Screw, 6-40 Shoulder 32	71858	Washer, Flat 25	90814	Resistor, 1,000 Ohm 40
1163	Screw, 4-40 x 3/16 Fil 43	72473	Spring 41	90906	Knob 31
1164	Screw, 2-56 x 3/16 Fil 27	73008	Washer, Flat 24	90951	Washer, Lock 37
1178	Screw, 2-56 x 7/16 Fil 27, 31, 33, 37, 39, 46	73035	Spring 9	91683	Nut, 15/32-32 Hex 12
1210	Screw, 2-56 x 5/8 Fil 25, 31	73374	Spacer, .250" Thk 33	91684	Nut, 15/32-32 Ring 12
1248	Screw, 6-40 x 1/2 Flat 12	73776	Screw, 3/16-32 x 1-3/16 Fil 5	92309	Resistor, 400 Ohm 40
1257	Screw, 10-32 x 1-1/8 Fil 5	74014	Screw, 10-32 x 3/4 Hex 3	92626	Stud 9, 46
1274	Screw, 6-40 x 1-1/8 Fil 10	74615	Resistor, 2,000 Ohm 50	92748	Screw, 6-40 x 1-7/16 Fil 50
1293	Screw, 4-40 x 1/8 Fil 22, 23	74727	Terminal, Contact 28, 33	93117	Washer, Lock 25, 27, 31, 33, 36, 39, 43, 46
2034	Washer, Flat 49	74728	Terminal, Contact 8, 29, 49	93135	Screw, 8-32 x 1-3/4 Fil 40
2191	Washer, Lock 3 to 11, 13 to 16, 18, 20 to 26, 28, 30 to 41, 43 to 51	74755	Washer, Felt 18, 34	93160	Washer, Flat 6, 7
2415	Spring 14, 15, 31	74805	Screw, 10-32 x 3/4 Hex 18, 44	93191	Screw, 4-40 x 5/16 Flat 12
2422	Washer, Lock 25	74807	Nut, 10-32 Shoulder Hex 24	93507	Screw, 4-40 x 3/4 Hex 33
2481	Washer, Flat 32, 34	74952	Screw, 4-40 x 5/8 Fil 41	93758	Washer, Felt 9, 46
2669	Washer, Lock 3 to 7, 18, 45	74962	Spring 35	94540	Screw, 10-24 Set 6, 7, 47
3438	Washer, Flat 3, 4, 5, 44	74966	Bushing, Insulating 28	96212BK	Jumper, 4" Black 26
3598	Nut, 6-40 Hex 3, 5, 9, 10, 11, 13, 15 to 18, 20, 21, 28, 32, 33, 39, 40, 41, 45, 46, 50	75435	Resistor, 600 Ohm 41	96212W	Jumper, 4" White 26
3599	Nut, 4-40 Hex 7, 22, 23, 25, 35, 36, 37, 46, 51	75750	Washer, Insulating 50	96646	Screw, 6-40 x 1-3/64 Fil 35
3606	Nut, 6-40 Hex 21, 25, 28, 32	76081	Washer, Flat 14, 15, 32	97393	Screw, 6-40 Shoulder 32, 45
3624	Washer, Flat 31, 36	76099	Washer, Flat 18, 45	98502	Washer, Flat 45
3639	Washer, Lock 3, 6	76379	Spring 4	98726	Screw, 3-48 x 1/4 Fil 4
3640	Washer, Lock 7, 17, 21 to 25, 28, 29, 31, 33, 34, 38, 39, 41, 43, 44, 49, 51	76422	Spring 36, 39	98730	Screw, 6-32 x 1-1/4 Rd 33
3646	Washer, Lock 40	76964	Pin, Cotter Set 26	99238	Spring 46
3650	Washer, Flat 44	76966	Screw, 10-32 32 26	99978	Connector, 4 Pt Plug 41
3807	Spring 31	77039	Bushing, Insulating 8	100658	Connector, 2 Pt Plug 31
3870	Spring 3, 18	77128	Washer, Insulating 50	101386	Spring 37
4702	Spring 18	77362	Resistor, 350 Ohm 50	102057	Screw, 4-40 Shoulder 25
6970	Nut, 3/8-32 Hex 5, 44, 45	77902	Screw, 6-40 x 2-3/8 Rd 50	102329	Spring, Contact 49
7002	Washer, Flat 3, 4, 8 to 11, 13 to 16, 18, 22 to 26, 28, 30 to 34, 36 to 41, 44 to 47, 49 to 51	77920	Screw, 6-40 x 1-15/16 Fil 40	102330	Spring, Contact 49
7603	Spring 21, 24	77999	Resistor, 500 Ohm 4	104564	Washer, Flat 7
8330	Washer, Flat 3, 5, 10, 11, 25, 44, 50	78503	Pallet, Type 21	104701	Screw, 4-40 x 9/32 Fil 41
8449	Spacer, .094" Thk 21, 31	78824	Spring 37	104710	Ball, Bearing 17
22746	Spring 32	80402	Screw, 4-40 x 15/32 Fil 7	104807	Washer, Flat 32, 36
31636	Spring 37	80581	Spring 20, 24	104827	Bearing, Ball 5
33765	Washer, Flat 43	80755	Bushing, Insulating 29	107398	Terminal 3, 4
34432	Washer, Flat 45	80845	Screw, 10-32 x 1-7/8 Fil 40	108370	Washer, Felt 20
35826	Washer, Flat 5	80945	Spring 44	108949	Stiffener 49
36318	Washer, Flat 21	81596	Screw, 10-32 x 1-3/8 Hex 44	109356	Washer, Flat 7
36358	Spring 15	81726	Terminal 34	110435	Nut, 4-40 Hex 31
41385	Spring 25	81731	Spring 9, 46	110437	Spring 31
41675	Washer, Flat 25	81774	Washer, Flat 13	110743	Washer, Lock 6, 8, 17 to 20, 22, 23, 24, 27, 31, 32, 33, 36, 38, 46, 51
41720	Spring, Contact 34	81836	Washer, Insulating 40	111017	Screw, 6-40 x 5/16 Fil 3, 4, 41, 48
41732	Plate, Clamp 8, 25, 29, 34, 49	82474	Terminal 48	111343	Clamp, Retaining 17
41733	Insulator, .062" Thk 49	82547	Insulator, .094" Thk 8, 28, 33, 34	111767	Washer, Flat 21, 39
42661	Spring 38, 43	82548	Insulator, .062" Thk 8, 28, 29, 33, 34	111777	Connector, 4 Pt Receptacle 33, 41
42823	Washer, Flat 19, 24	82860	Spring 9	112127	Hinge 28, 33
42827	Screw, 3-48 x 1/4 Fil 43, 48	82988	Screw, 6-40 x 2-1/2 Rd 41	112128	Retainer 28, 33
44035	Screw, 10-32 x 9/16 Hex 45	83408	Screw, 4-40 x 3/16 Rd 33	112498	Screw, 6-40 x 3/4 Flat 12
44048	Washer, Flat 40	83814	Washer, Flat 26	112626	Nut, 10-32 Hex 5, 18, 38, 45
45024	Spring 43	83913	Spring, Contact 34	112627	Nut, 2-56 Hex 33, 36, 39, 46
45815	Washer, Lock 24, 38	86283	Spring 14, 15	112629	Spring 43
		86304	Spring 22, 23, 51	112630	Spring 3
		86742	Nut, 4-40 Hex 6, 21	112633	Spring w/Wick 43
		86772	Screw, 6-40 Eccentric Shoulder 15	114478	Nut, 15/32-32 Hex 12
		86774	Screw, 6-40 Shoulder 3, 4	114744	Connector, 6 Pt Plug 33
		86835	Spring 48	114858	Connector, 6 Pt Receptacle 33
		86959	Bushing, Insulating 34		
		87398	Washer, Flat 38		
		88891	Spring 34		

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115122	Washer, Felt 18, 21, 39	144704	Cap, Green Lens 12	145368	Gear, 27T 44, 45
115141	Screw, 6-40 Shoulder 32	144705	Cap, White Lens 12	145370	Gear, 42T 45
116698	Lamp, 6V 12	144706	Cap, Amber Lens 12	145373	Gear, 66T 45
117416	Post 18	144708	Modification Kit 2, 19, 28	145375	Gear, 63T 45
117535	Washer, Flat 5, 6	144709	Segment, Cam 19	145381	Washer, Thrust 45
117541	Washer, Flat 24	144710	Modification Kit 2, 28	145383	Key 45
117608	Nut, Speed 10, 11	144711	Bracket, Code Contact 28	145384	Pin, Guide 45
118211	Resistor, 10,000 Ohm 12	144712	Post, Guide 28	145385	Spring, Compression 45
118659	Switch, Toggle 12	144715	Bracket, Connector 4	145386	Sleeve 45
119467	Insulator, .032" Thk 31	144718	Keytop w/Shaft, SOM 27	145389	Shaft, Idler 45
119648	Ring, Retaining 4, 16, 20, 36, 41	144719	Keytop w/Shaft, EOA 27	145390	Pinion, 25T 45
119649	Ring, Retaining 4, 14, 24, 25, 35, 38, 43, 49	144720	Keytop w/Shaft, EOM 27	145393	Bushing 44, 45
119650	Ring, Retaining 14	144721	Keytop w/Shaft, Feed-Out 27	146149	Plate, Base 38
119651	Ring, Retaining 3, 9, 10, 11, 20, 21, 24, 37, 39, 43, 46	144722	Keytop w/Shaft, Rub-Out 27	146438	Bellcrank 28
119652	Ring, Retaining 18, 32, 45	144723	Keytop w/Shaft, Tape B. Sp. 27	147033	Shield 12
119653	Ring, Retaining 8, 9, 32, 44	144724	Keytop w/Shaft, SOL INQ 27	147069	Switch 27
119654	Ring, Retaining 14, 15	144725	Keytop w/Shaft, SOL ORD 27	147070	Switch 27
119655	Ring, Retaining 6, 7, 45	144726	Keytop w/Shaft, EOL 27	147071	Switch 27
119662	Screw, 6-40 Spl 32	144729	Bracket 27	147127	Modification Kit 12
120489	Spacer, .052" Thk 20	144730	Bracket, Switch 27	148128	Washer, Flat 17
120824	Washer, Felt 19	144731	Plate, Switch Actuator 27	149881	Cover, Gear 45
120870	Wick, Felt 20	144732	Insulator 27	149884	Bail, Transfer 46
121125	Washer, Spring 34	144733	Spring, Compression 27	149885	Bracket 46
121242	Clamp, 1/8 ID Cable 25, 34, 36	144734	Plate, Retaining 27	149896	Modification Kit 2, 46
121243	Clamp, 3/16 ID Cable 33, 40	144735	Switch Assembly, SOM 27	150013	Disk, Adjusting 19
121244	Clamp, 1/4 ID Cable 3, 16, 50	144736	Switch Assembly, EOA 27	150026	Lever, Shoe Release 19
121245	Clamp, 5/16 ID Cable 37, 50	144737	Switch Assembly, EOM 27	150029	Wick, Felt 19
121246	Clamp, 3/8 ID Cable 3, 33	144738	Switch Assembly, Feed-Out 27	150043	Shoe, Secondary Clutch 19
121247	Clamp, 7/16 ID Cable 33, 40, 41	144739	Switch Assembly, Rub-Out 27	150044	Shoe, Primary Clutch 19
121473	Post 33, 39, 46	144740	Switch Assembly, Tape B. Sp. 27	150089	Screw, 4-40 x 1/2 Fil 39
123823	Washer, Flat 33	144741	Cable Assembly 12	150241	Spring 19
124177	Washer, Lock 32	144743	Plate, Keytop Guide 10, 12	150354	Arm, Trip 44
124220	Pin, Drive 33, 41	144744	Cable Assembly 28	150356	Lever, Trip 44
124244	Washer, Felt 4	144745	Bracket, Front 14, 27	150411	Washer, Flat 32, 38, 43
124681	Screw, 6-40 Set 44	144749	Bracket Assembly, Bearing 2, 7	150432	Washer, Flat 41
124761	Plate, Insulating 33	144750	Housing w/Ball Bearing 4	150507	Spring 32
124999	Switch, Sensitive 31	144753	Shaft w/Bearings 7	150923	Washer, Felt 4, 20, 21
125011	Washer, Flat 17, 18, 21, 23, 25, 28, 29, 39, 41	144754	Plate, Nut 4	150932	Bushing, Shoulder 9, 46
125015	Washer, Flat 3, 5, 6, 7, 10, 11, 21, 33, 39, 46, 49, 50	144755	Shaft, 7-1/4" Lg 7	150966	Insulator, Terminal 34, 41, 48
125112	Screw, 2-56 x 1/8 Fil 28, 33, 43	144756	Shaft, 3-9/32" Lg 7	150990	Washer, Felt 21, 39
125126	Screw, 2-56 x 9/32 Fil 22, 23, 51	144759	Spacer, .187" Thk 5	150991	Washer, Felt 14, 15, 18
125181	Screw, 2-56 x 3/8 Fil 35	144760	Spacer, .400" Thk 5	150992	Stud 31
125215	Screw, 4-40 x 3/16 Hex 44	144761	Shaft 5	151036	Screw, 4-40 Shoulder 21
125241	Spring 24	144763	Plate, Nut 4	151045	Bar, Spacing 10
125247	Spring, Compression 36	144764	Base 4	151059	Stud 35
125250	Spring 20, 31	144767	Plate w/Bracket, Bearing 5	151073	Screw, 4-40 x 5/32 Fil 34, 43
125253	Spring 15	144769	Button, Pivot 5	151080	Washer, Flat 6, 17
128271	Screw, 6-40 Shoulder 32	144770	Gear Assembly, Intermediate 2, 3, 5	151103	Spring 20
130499	Bearing, Ball 45	144771	Follower, Cam 28	151113	Strip, Mounting 3
130683	Washer, Lock 25	144772	Contact Assembly, Intermediate 28	151118	Plate, Spacing 3
131099	Terminal, 5/8" Lg 48	144774	Bar, FIGS Code 14	151126	Spacer, .250" Thk 5
136859	Holder, Plug 50	144871	Shaft, Solenoid Plunger 4	151146	Strap, Mounting 3
139552	Block, Terminal 33	144990	Bar, LTRS Code 14	151152	Screw, 4-40 x 3/16 Hex 17, 18, 22, 23, 24, 32, 36, 38, 39, 41, 49, 51
139752	Screw, 4-40 x 11/64 Fil 32	144991	Bracket, Contact 4, 29	151171	Toggle, Contact 22, 23
142379	Pin, Roll 44, 45	144992	Shaft w/Bearing 7	151180	Link, Toggle 22, 23
142623	Reel, Tape 30	144996	Plate, Left 12	151182	Washer, Insulating 22, 23, 51
144590	Screw, 6-40 x 1-3/8 Fil 12	144997	Contact Assembly 2, 29	151223	Screw, 4-40 Shoulder 10, 11
144701	Plate, Right Switch 12	145190	Connector, 2 Pt Plug 31, 34	151224	Screw, 6-40 Pilot 10, 11, 28, 33
144702	Switch, Push Button 12, 48	145191	Connector, 2 Pt Receptacle 31, 34	151228	Bracket w/Bearing 5
		145307	Plate, Nut 4	151233	Spacer, .065" Thk 25
		145313	Washer, Felt 45	151234	Ratchet, 27T 37
		145321	Tie, Cable 48	151235	Ratchet, 28T 37
		145365	Pinion, 20T 45	151236	Hub 37
		145366	Gear, 56T 45		

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151246	Washer, Flat 37	151820	Spring, Contact 22, 23	154039	Bracket 35
151290	Keylever Assembly 35	151843	Screw, 6-40 Adjusting 17	154040	Lever, Transfer 20
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151335	Stud 3, 4, 41, 48	151880	Nut, 4-40 Hex 22, 23, 32, 38, 39, 41, 43	154042	Terminal 22, 23
151346	Screw, 6-40 x 3/8 Fil 44, 47, 50	151885	Plate, Nut 37	154043	Terminal 22, 23
		151886	Stud 37	154045	Screw, 6-40 Spl 22, 23
151352	Spring, Flat 3	152045	Guard, Gear 3	154046	Stud 18
151354	Screw, 2-56 x 15/32 Fil 25	152051	Tissue 13	154047	Post, Spring 20
151376	Label, Instruction 13	152318	Switch, Magnetic 35	154051	Screw, 6-40 Shoulder 21
151389	Paper, Carbon 13	152441	Washer, Flat 45	154053	Bail, Clutch Trip 18
151390	Label, Blank 13	152462	Latch, Right 48	154056	Bracket, Contact Box 22, 23, 51
151391	Label Set 13	152463	Latch, Left 48	154057	Plate 13
151397	Spring 38	152464	Insulator, .062" Thk 48	154058	Plate 13
151412	Insulator, Terminal 4	152467	Connector, 20 Pt Plug 48	154059	Bracket, Function Bail 8, 49
151415	Block, Terminal 41, 48	152754	Jumper, 4-1/2" Red 4	154064	Bracket, Adjusting 9
151416	Nut, 6-40 Hex 3, 4, 41, 48	152761	Stud 49	154065	Lever w/Hub 9
151442	Screw, 6-40 x 1/2 Hex 3, 4, 5, 13, 18, 28, 34, 44, 49	152839	Spring, Latch 32	154066	Lever, LOC-LF 8
		152887	Screw, 4-40 x 1/2 Hex 6, 7	154067	Lever 8, 38
151540	Lampholder 41	152893	Screw, 4-40 x 1/4 Hex 17, 19, 21, 28, 29, 41, 49	154068	Bracket, Right Guide 14, 16
151610	Washer, Flat 44, 45			154069	Bracket, Left Guide 14
151616	Screw, #2 Self-Tapping 3, 4	153247	Lever, Trip 9, 46	154070	Guide, Code Lever 14
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