

Cover

BASIC SERIES F

ACCOUNTING MACHINES

Includes

F25—F500, F700,
F1000, F5000, F6000, F9000

Burroughs

FIELD ENGINEERING

PARTS CATALOG



PROPERTY OF AND TO BE RETURNED TO

Burroughs

CARRIAGES
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COMMON ELECTRICAL PARTS

Refer to "Electrical Parts Catalog" for common electrical parts not identified in this catalog.

✓ CHANGES OR ADDITIONS

On "Revised" pages, the check mark (✓) shown to the left of items or subject titles indicates changes or additions since last issue.

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BASIC SERIES F

ACCOUNTING MACHINES

Includes

F25—F500,F700,F1000,F5000,F6000

SECTION

I

CARRIAGES

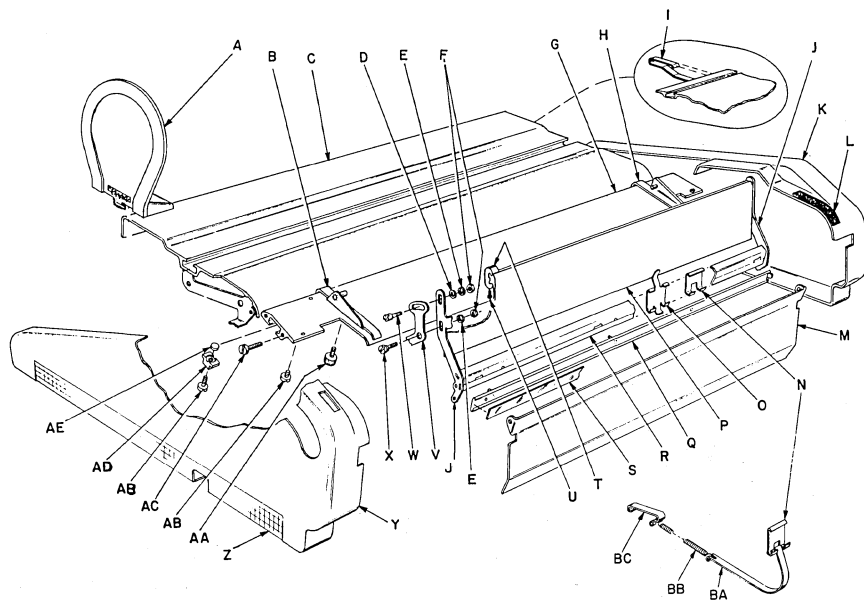
Burroughs

FIELD ENGINEERING

PARTS CATALOG

Carriages

CARRIAGE CONSTRUCTION (PLATE I-1)



PART NUMBERS (PLATE I-1)

Complete Standard Carriages. Order by part number and feature description on Form 1440.			H	1327 2794	right guide beige 125, all styles except listed below
	1509 5888	18" series F1000, F5000, F6000		1327 2810	beige 125, for fan fold form holder to travel with carriage
	1509 5912	22" series F1000, F5000, F6000		1327 2844	beige 125, with fan fold loan-a-matic ticket feeding device
Kits required to mount above carriages:				1302 9152	gray 203
	1509 5920	for series F1000	I	1328 0946	form and layout holder
	1509 5938	for series F5000	J	-- --	included in R
	1509 5946	for series F6000	K	-- --	refer to CARRIAGE END COVERS
	1327 8742	carriage for 15" beige	L	-- --	refer to CARRIAGE END COVERS
A	1523 7324	roll paper holder, includes fittings	M	-- --	refer to FORM SUPPORTS
B	1327 2786	left guide, beige 125, all styles except listed below	N	1327 9732	snap on form guide for F50 thru F500, F700
	1327 2836	beige 125, for fan fold form holder to travel with carriage	O	1327 9740	for F1000, F5000, F6000
	1327 2851	beige 125, for fan fold loan-a-matic ticket feeding device	P	1327 3339	snap on guide
	1302 9178	gray 203		-- --	front form guide holder
C	1327 8528	cover 15" beige, includes large hinge		1327 7090	15" } beige
	1327 8460	18" beige, includes large hinge		1327 7058	18" } removable
	1327 8403	18" beige, includes small hinge		1327 7066	22" }
	1327 8486	22" beige, includes large hinge		1327 7025	15" } amber gray
	1327 8429	22" beige, includes small hinge		1327 7033	18" } removable
	1303 3162	15" gray		1327 7041	22" }
	1303 3196	18" gray		1327 7009	18" } beige
	1303 3212	22" gray		1327 7017	22" } non-removable
	1303 3188	18" gray ripple		1303 2263	15" } amber gray
D	1015 1488	washer		1303 2289	18" } non-removable
E	1256 7442	lockwasher		1303 2297	22" }
F	1010 0386	nut		1303 2255	15" } gray ripple
G	1327 7215	table 15" }		1303 2271	18" } non-removable
	1327 7132	18" } beige		1327 7074	18" beige non-removable for fan fold
	1327 7157	22" }		1327 6993	18" gray loan-a-matic ticket feeding
	1327 7108	15" }		1327 7082	22" beige device
	1327 7116	18" }			
	1327 7124	22" }			
	1303 2339	18" gray ripple			

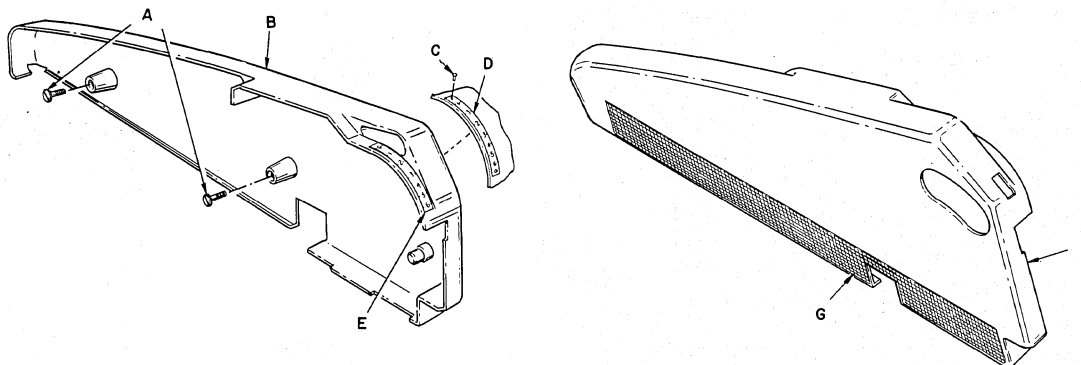
PART NUMBERS CONTINUED ON NEXT PAGE

Carriages

PART NUMBERS (PLATE I-1) CONTINUED

Q	--	--	Heading Holder	S	1303 2800	15"	clear cellulose strip
	1327 4162	15"	beige		1303 2818	18"	
	1327 4097	18"			1303 2826	22"	
	1327 4113	22"		T	1303 3121	form guide limit	
	1344 5507	15"	amber gray	U	1303 1596	screw	
	1303 0226	18"		V	--	--	refer to CARRIAGE - RIGHT END PLATE and SHAFT ASSEMBLIES
	1303 0259	22"		W	1303 1810	screw	
	1303 0184	15"	gray ripple		1343 0160	for form space positive	
	1303 0218	18"		X	1303 1752	shoulder screw	
	1327 4188	15"		Y	--	--	refer to CARRIAGE END COVERS
	1327 4147	18"	beige for transparent form aligning table	Z	--	--	refer to CARRIAGE END COVERS
	1327 4154	22"		AA	1017 2062	knurled screw	
	1327 4063	15"		AB	1010 8991	screw	
	1327 4089	18"	amber gray for transparent form aligning table	AC	1303 1760	screw	
	1327 4139	22"		AD	1303 3113	movable nut	
	1327 4170	15"		AE	1302 9673	pellet	
	1327 4105	18"	beige, includes S	BA	1327 9781	journal band	
	1327 4121	22"		BB	1343 0806	spring	
R	--	--	refer to FRONT FORM GUIDE TABLE HOLDER	BC	1327 9807	spring clip assembly for F1000, F5000, F6000, beige	
					1303 0689	gray	

CARRIAGE END COVERS (PLATE I-2)



PART NUMBERS (PLATE I-2)

A	1303 1778	screw for F6000	1327 3040	beige 125, for 1/6" spacing includes E and G	
	1303 1760	screw for F1000, F5000			
	1025 6154	screw for F25 thru F500 and F700			
B	1327 2919	right end cover	1302 9319	amber gray 203, for 1/6" spacing includes C and D	for form magazine or form magazine and receiver
	* 1327 2976	for 1/6" spacing			
	1327 2943	for 1/5" spacing			
	* 1327 2992	for 1/5" spacing	* 1302 9327	amber gray 203, for 1/6" spacing includes C and D	
	1327 2950	for 1/4" spacing			
	* 1327 3008	for 1/4" spacing			
	1302 9244	for 1/6" spacing	1302 9194	for 1/6" spacing	gray ripple 206, includes C and D
	* 1302 9277	for 1/6" spacing	1302 9202	for 1/5" spacing	
	1302 9251	for 1/5" spacing	1302 9210	for 1/4" spacing	
	* 1302 9285	for 1/5" spacing	1302 9236	amber gray for F25, F50	
	1302 9269	for 1/4" spacing			
	* 1302 9293	for 1/4" spacing			
	1327 3115	for F760			

beige 125 for series F1000, F5000 and F6000 includes E and G

amber gray 203 for series F100 thru F500 and F700, except style F760, includes C and D

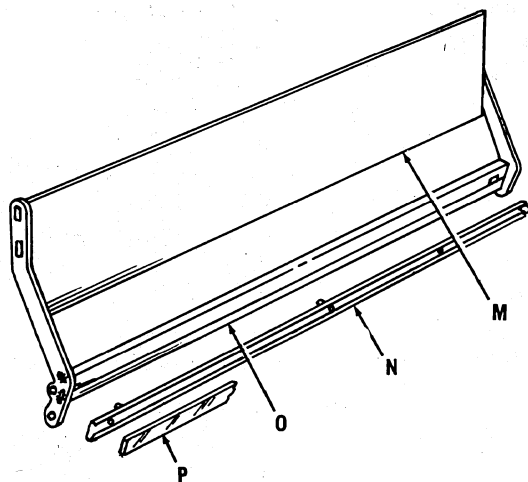
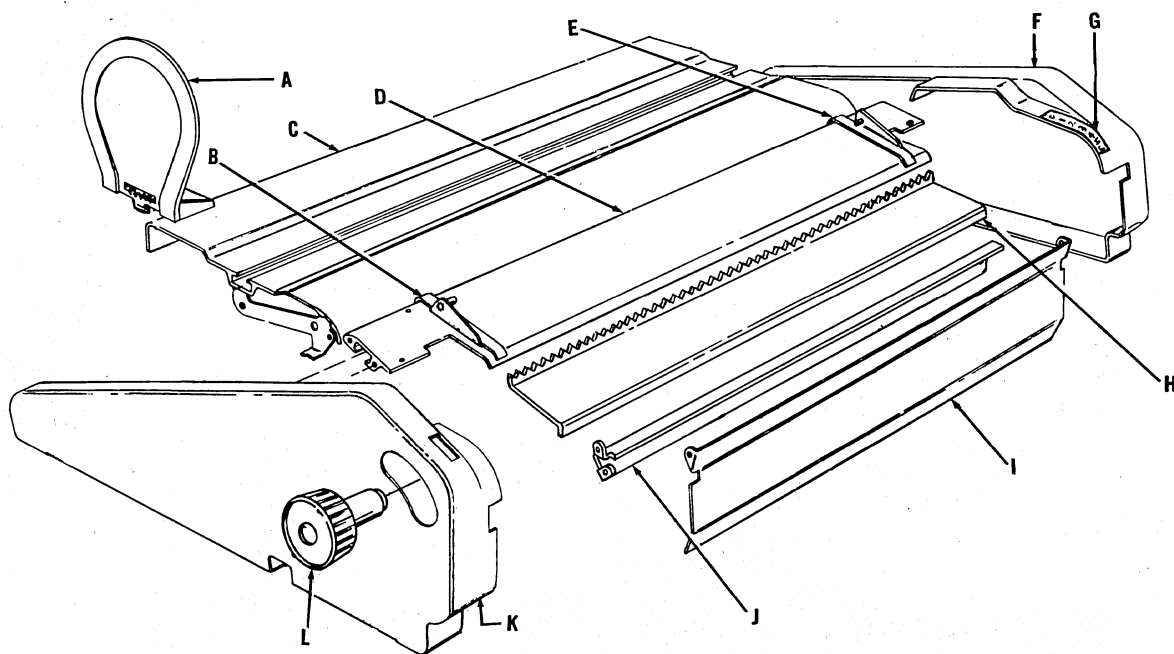
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PART NUMBERS CONTINUED ON NEXT PAGE

Carriages

CARRIAGE CONSTRUCTION - F9000 (PLATE I-1A)

(Gray 227)



PART NUMBERS (PLATE I-1A)

A 1528 7006 roll paper holder, includes fittings
 B 1528 2791 left journal guide
 C 1528 2932 carriage cover (18")
 1528 2692 carriage cover (22")
 D 1528 3013 journal paper table (18")
 1528 2817 journal paper table (22")
 E 1528 2809 right journal guide
 F 1528 0134 right end cover
 G 1327 4535 spacing decal, 1/6"

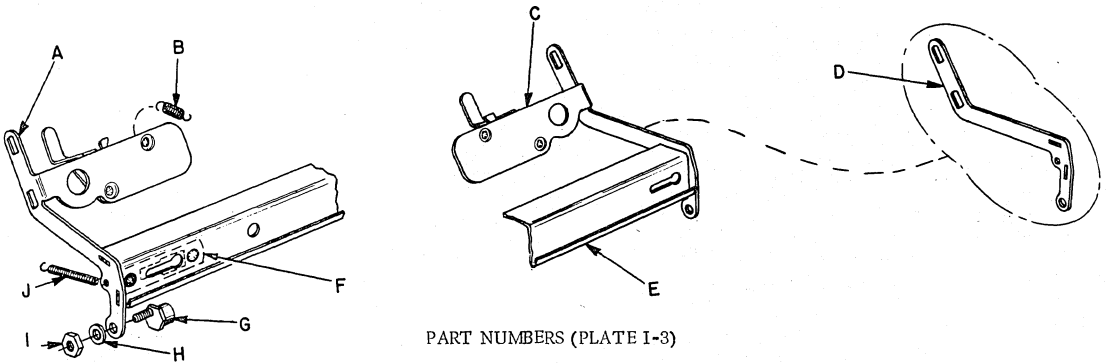
H 1528 2965 tear off blade (18")
 1528 2742 tear off blade (22")
 I 1533 2240 pressure roll shield (18")
 1533 2224 pressure roll shield (22")
 J 1528 3047 paper deflector (18")
 1528 2841 paper deflector (22")
 K 1528 0126 left end cover
 L 1528 2882 platen twirler, left, solid platen
 1528 2650 platen twirler, right, also for left for S & N platen
 M 1528 2916 upper paper table (18")
 1528 2676 upper paper table (22")
 N 1528 7048 form heading holder (18")
 1528 7055 form heading holder (22")
 O 1528 2981 combination line finder assembly (18")
 1528 2767 combination line finder assembly (22")
 P 1303 2818 clear cellulose strip (18")
 1303 2826 clear cellulose strip (22")

Carriages

PART NUMBERS (PLATE I-2) CONTINUED

C	1300 1532	rivet			1327 3065	for beige 125 with form magazine and receiver, includes G
D	1303 0473	plate for 1/6" spacing	included in B		* 1327 2893	for amber gray 203 with form magazine, or form magazine and receiver
	1303 0481	for 1/5" spacing			1302 9400	for amber gray 203, with form magazine, or form magazine and receiver with split platen, includes C and D
	1303 0499	for 1/4" spacing			* 1327 2984	for beige 125, includes G
E	1327 4535	plate for 1/6" spacing			* 1327 2885	for amber gray 203, for normal platen
	1327 4543	for 1/5" spacing		G	1341 9015	metal strip, left side, included in F
	1327 4550	for 1/4" spacing			1341 9007	right side, included in B
F	1327 2935	right end cover, beige, includes G			* For split pressure rolls.	
	1302 9343	for amber gray 203				
	1302 9335	for gray ripple 206				
	1327 2968	for beige 125, includes E and G	for 1/6" spacing with split platen and for dual selective spacing with normal platen			
	1302 9384	for amber gray 203				
	* 1327 3016	for beige 125, includes E and G	for 1/6" spacing			
	* 1302 9392	for amber gray 203, includes C and D	with split platen			

FRONT FORM GUIDE TABLE HOLDER (PLATE I-3)



PART NUMBERS (PLATE I-3)

					1326 9212	for 18", includes A, C, F	for beige 125 with removable front form guide holder and geared pressure rolls for F6761	
					1326 9220	for 18", includes A, C, F, G, H, I, J		
					1326 8826	for 18", includes D, F	for beige 125 with non-removable front form guide holder	
					1344 8634	for 18", includes D, F, G, H, I, J		
					1326 8842	for 22", includes D, F	for beige 125 with non-removable front form guide holder	
					1344 5515	for 22", includes D, F, G, H, I, J		
					1326 9097	for 18", includes D and F	for beige 125 with non-removable front form guide holder and with fan fold loan-a-matic ticket feeding device	
					1326 9113	for 22", includes D and F		
					1505 4471	pressure roll pos. 1, 2	18" includes A, C, F	for beige 125 with removable front form guide holder and with form limits style 5 or style 6
					1505 4497	pressure roll pos. 2, 3		
					1505 4513	pressure roll pos. 3, 4		
					1505 4539	pressure roll pos. 4, 5		
					1505 4554	pressure roll pos. 5, 6	22" includes A, C, F	
					1502 6149	pressure roll pos. 1, 2		
					1502 6016	pressure roll pos. 2, 3		
					1502 6032	pressure roll pos. 3, 4		
					1502 6057	pressure roll pos. 4, 5		
					1502 6073	pressure roll pos. 5, 6		
					1502 6099	pressure roll pos. 6, 7		

A	1327 2646	hanger, included in E, for removable form guide holder	included in E	for beige 125 with removable front form guide holder
B	1027 1971	spring		
C	1327 2620	hanger for removable form guide holder	included in E	for beige 125 with removable front form guide holder
D	1302 9004	for non-removable form guide holder		
E	1326 9154	heading holder for 15", includes A, C, F	for beige 125 with removable front form guide holder	for beige 125 with removable front form guide holder
	1326 9162	for 15", includes A, C, F, G, H, I, J		
	1326 8933	for 18", includes A, C, F		
	1326 8941	for 18" includes A, C, F, G, H, I, J		
	1326 8958	for 22", includes A, C, F	for beige 125 with removable front form guide holder and geared pressure rolls, except F6761	
	1326 8966	for 22", includes A, C, F, G, H, I, J		
	1326 9188	for 15", includes A, C, F		
	1326 9196	for 15", includes A, C, F, G, H, I, J		
	1326 9139	for 18", includes A, C, F		

PART NUMBERS CONTINUED ON NEXT PAGE

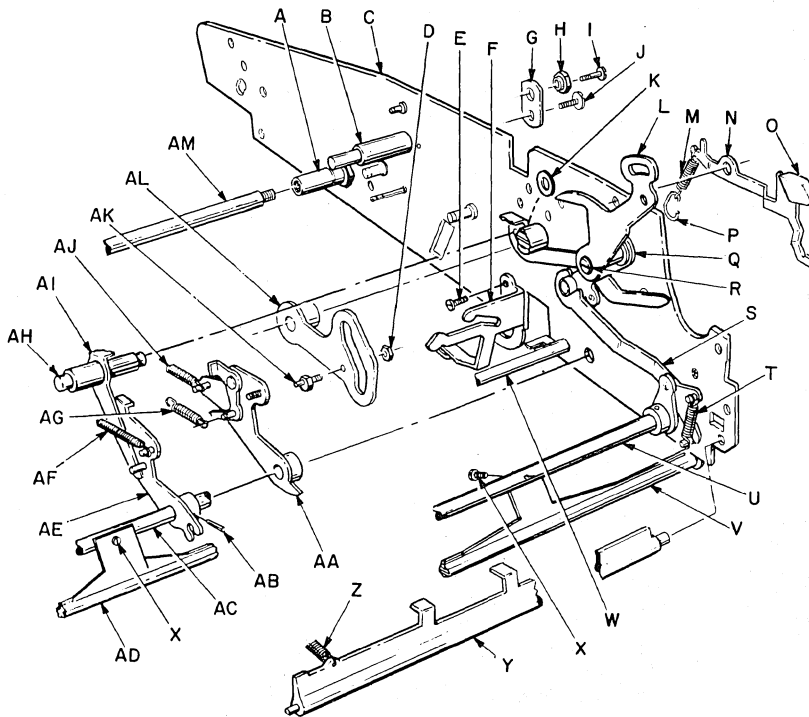
PART NUMBERS CONTINUED ON NEXT PAGE

Carriages

PART NUMBERS (PLATE I-3) CONTINUED

1326 8859	for 15", includes A, C, F	for amber gray 203 with removable front form guide holder	1326 8727	for 18", amber gray 203, includes D and F with non-removable front form guide holder and fan fold loan-a-matic ticket feeding device
1326 8867	for 15", includes A, C, F, G, H, I, J		1326 8800	for 18", amber gray 203, includes D, F with non-removable front form guide holder and form limits style 5 or style 6, specify pressure roll position
1326 8875	for 18", includes A, C, F		1326 9014	for 18", includes A, C, F
1326 8883	for 18", includes A, C, F, G, H, I, J		1326 9030	for 22", includes A, C, F
1326 8891	for 22", includes A, C, F			
1326 8909	for 22", includes A, C, F, G, H, I, J	for amber gray 203 with removable front form guide holder and geared pressure rolls		
1326 8974	for 15", includes A, C, F			
1326 8982	for 15", includes A, C, F, G, H, I, J			
1326 8990	for 18", includes A, C, F			
1326 9006	for 18", includes A, C, F, G, H, I, J			
1302 6349	for 15" includes D, F	for amber gray 203 with non-removable front form guide holder	F	1328 1316 locking spring clip, included in E, use 1303 1737 rivet
1302 6406	for 18" includes D, F		G	1303 1638 eccentric screw
1302 6430	for 22" includes D, F		H	1256 7442 lockwasher
1326 8677	for 15", includes D, F		I	1010 0378 nut
			J	1303 2206 spring
1326 8685	for 15", includes D, F, G, H, I, J	for amber gray 203 with non-removable front form guide holder and geared pressure rolls		
1326 8701	for 18", includes D, F			

CARRIAGE - RIGHT END PLATE AND SHAFT ASSEMBLIES (PLATE I-4)



PART NUMBERS (PLATE I-4)

A	1303 1323	hex flanged post, threaded both ends
	1502 3419	hex flanged post, threaded one end
B	1303 1661	replacement post, use 1010 0360 nut
C	1327 4865	illustrated, for F1000, F5000 and F6000,

includes riveted parts only, has forward enclosed slot removed for easier platen shaft removal

PART NUMBERS CONTINUED ON NEXT PAGE

PART NUMBERS (PLATE I-4) CONTINUED

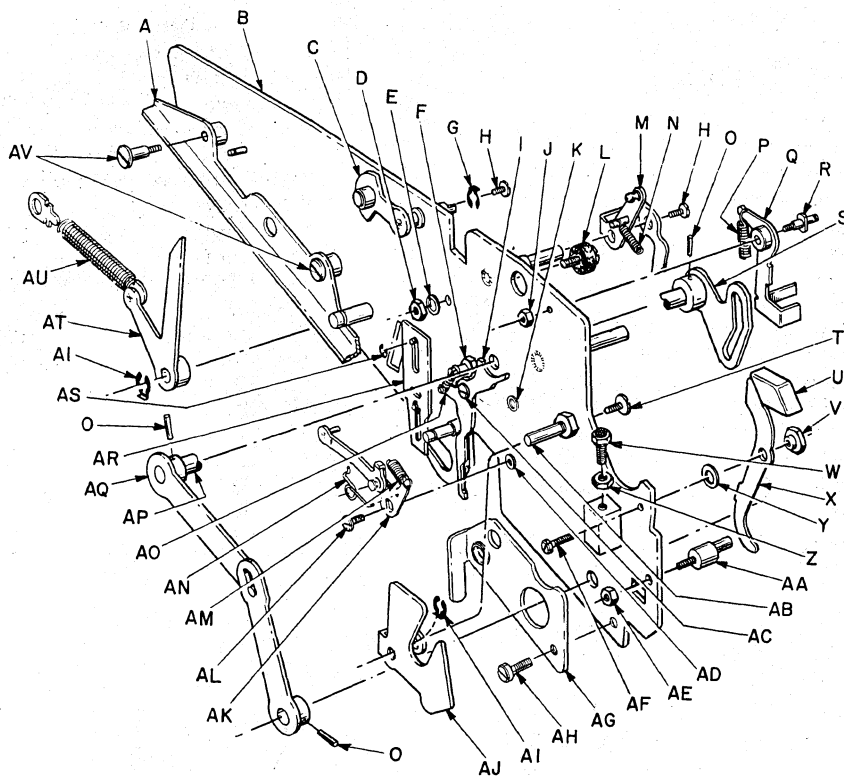
PART NUMBERS CONTINUED ON NEXT PAGE

Carriages

PART NUMBERS (PLATE I-4) CONTINUED

AF	1303 2222	spring for 15" normal platen, use 1340 8935 for split platen	AI	1327 3305	arm, after serial F65770P
	1340 8935	spring for 18" and 22" platen		1327 3313	before serial F65771P
AG	1027 7564	spring	AJ	1028 7928	spring
AH	1328 1449	double shoulder tapped post for right side after serial F65770P, use 1340 0338 spring anchor stud	AK	1339 0877	eccentric stud
	1303 1471	for right side before serial F65771P	AL	-- --	refer to CARRIAGE - LEFT END PLATE
	1303 1653	for left side	AM	1302 6208	tie shaft 15"

CARRIAGE - LEFT END PLATE (PLATE I-5)



PART NUMBERS (PLATE I-5)

A	1328 2207	guide for left side	1302 7560	for F50 thru F500 and F700 without improved spacing before serial F65771P
	1328 2215	for right side		
B	1327 4881	side frame for F1000, F5000 and F6000, includes riveted parts only, has forward enclosed slot removed for easier platen shaft removal	1302 7594	for F50 thru F500 and F700 with split and normal platen and improved spacing, before serial F65771P
	1327 4766	for F1000, except rubber covered limit for carriage cover, is located on rear of end plate	C	1327 0954 arm for left side
				1327 0947 for right side
				for F1000, F5000 and F6000 after serial F92092P
✓	1528 0167	for F9000, includes riveted parts only		1302 7834 for left side
	1327 4642	for F1000, has enclosed slot for platen shaft; also has rubber covered limit for carriage cover located on rear of end plate		1302 7818 for right side
				before serial F92093P
	1327 4824	for F25 includes riveted parts only	D	1256 5289 nut
	1327 4733	for F50 thru F500 and F700, all styles after serial F65770P, includes riveted parts only	E	1256 7467 lockwasher
			F	1340 0338 spring anchor stud
✓	1302 7586	for F50 thru F500 and F700 with improved spacing before serial F65771P	G	1300 1417 clip
			H	1010 8991 screw

PART NUMBERS CONTINUED ON NEXT PAGE

PART NUMBERS CONTINUED ON NEXT PAGE

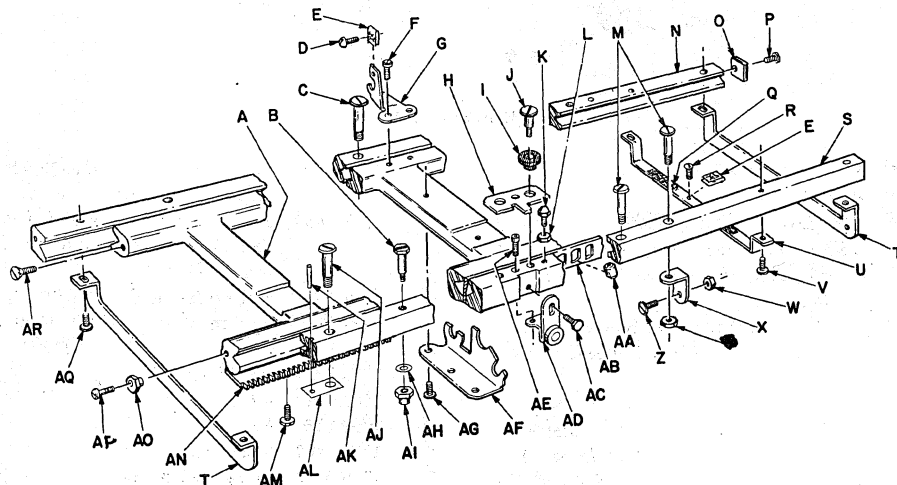
Carriages

PART NUMBERS (PLATE I-5) CONTINUED

I	1327 4428	latch for left side, all styles except F1000	AA	1342 8719	ecc. screw post after serial F65770P. Use 1340 2557 ecc. limit, 1311 5670 nut before serial F65771P
	1327 4436	for left side of F1000	AB	1342 8685	tapped stud
	1327 4410	for right side, all styles	AC	1025 9992	screw
J	1010 0360	nut	AD	1010 5526	collar
K	1010 3943	spacer	AE	1010 0410	nut
L	1340 4371	carriage cover limit, for F1000, F5000 and F6000	AF	1010 4610	screw
	1341 7605	rubber sleeve for F1000 with limit located on the rear of the end plate	AG	1328 1563	plate
	1303 3246	rubber sleeve for F25 thru F500 and F700	AH	1340 5196	screw
✓	1528 0142	limit screw, ball printer	AI	1010 0238	clip
M	1327 0913	arm for F1000, F5000 and F6000	AJ	1328 1225	limit
✓	1528 0159	arm, ball printer	✓	1528 0118	limit, plastic gray 228
N	1027 2821	spring	AK	1327 3420	interlock, left side
O	1026 7185	(.096")		1327 3404	right side
	1026 7193	(.099")	AL	1010 9635	screw. Use 1502 3195 spring post for machines with split and normal platen, also for form space and non-space mechanism, dual selective
P	1011 3041	spring	AM	1340 9495	spring
Q	1327 9260	for left side	AN	1341 0477	spring
	1327 9252	for right side	AO	1027 6848	spring
R	1328 1464	shoulder screw	AP	1302 6067	shaft assembly, left side
S	-- --	included in AP		1302 6018	right side
T	1340 2938	screw		1302 6083	left side of split pressure rolls
U	1303 3238	brown plastic keytop		1302 6034	right side of split pressure rolls
	1327 8577	beige plastic keytop	AQ	-- --	included in AP
✓	1528 2726	gray 228, plastic keytop	AR	1327 3453	slide
✓	1526 2496	beige 129, plastic keytop	AS	1255 3129	clip
V	1028 8041	shoulder nut	AT	1302 9558	arm, left side
W	1308 1385	limit screw		1302 9541	right side
X	✓ 1526 2538	lever, leftside, all styles except for split pressure rolls, includes beige 129 keytop	AU	1340 8992	spring
	1327 3289	right side	AV	1340 4058	screw
	1327 3297	left side			
Y	1010 4552	washer			
Z	1010 0428	nut			

includes
O, S, AQ

CARRIAGE RACEWAY (PLATE I-6)



PART NUMBERS ON NEXT PAGE

Carriages

PART NUMBERS (PLATE I-6)

A	1303 1919	raceway (15")			1303 2743	for 15" includes AK	
	1327 8585	for 18", use 1010 9866 collar (4 req.), 1502 5331 screw (4 req.), 1340 4520 screw (2 req.)	for all series except F1000 and styles with split pressure rolls	✓ T	1303 2784	for 18" includes AK	for gray ripple 206
	1327 8627	for 22", use 1010 9866 collar (8 req.), 1502 5331 screw (8 req.), 1340 4520 screw (2 req.)			1303 2750	for 15" includes H, I, J, K, L, AK	
					1303 2792	for 18" includes H, I, J, K, L, AK	
					1327 3651	brace, F1000, F6000, F9000	
					1327 3677	brace, F5000	
					1303 0077	brace, gray ripple 206	
					1326 0732	brace, includes Q	
					1010 9197	screw	
					1010 0360	nut	
B	1327 8585	for 18"	for F1000, except styles with split pressure rolls		X	1326 0252	brace
	1327 8627	for 22"			Y	1010 0402	nut
	1327 8692	for 15"			Z	1010 4867	screw
	1327 8874	for 18", use 1010 9866 collar (4 req.), 1502 5331 screw (4 req.), 1340 4520 screw (2 req.)	for all series with split pressure rolls except series F1000		AA	1028 7258	bearing (65)
	1327 8890	for 22", use 1010 9866 collar (8 req.), 1502 5331 screw (8 req.), 1340 4520 screw (2 req.)			AB	1302 6893	for 15"
						1302 6901	for 18"
						1302 6919	for 22"
					AC	1340 4637	screw, for panels having a formed lip at front edge
						1340 5139	for panels having a welded strip at the front edge
					AD	1328 2249	bracket, includes .090" roller for panels having a formed lip at the front edge
C	1327 8874	for 18"	for series F1000 with split pressure rolls			1328 2264	includes .140" roller for panels having a welded strip at the front edge
	1327 8890	for 22"			AE	1256 2138	screw
	1328 0938	screw after serial F51604P			AF	1302 6455	brace
	1307 6112	before serial F51605P			AG	1010 5229	screw
	1303 1281	screw			AH	1303 0515	shim .006"
	1303 1893	screw			AI	1342 8396	shoulder nut
	1300 1508	speed nut			AJ	1303 1281	screw, all series except F1000
	1028 8470	screw				1338 9887	for series F1000, use 1010 0410 nut
	1302 9012	bracket, for all series without split pressure rolls			AK	1340 6640	pin, included in S
					AL	1303 0507	shim .006"
D	1327 2653	for split pressure rolls			AM	1303 1364	screw, use 1502 5331 screw for styles with program unit changeable from right end only
	1327 3263	limit			AN	1327 7876	skip and return rack for 18", series F1000 and all universal carriages
	1303 3030	rubber grommet				1327 7884	for 22"
	1303 1463	screw	included in S			1327 7892	tufride for 15"
	1340 5154	screw				1327 7900	for 18"
	1010 0378	nut				1327 7918	for 22"
	1049 1777	screw			AO	1529 5991	eccentric hub, use 1529 5991 shoulder screw
	1327 7512	rail for 15" series F6000			AP	1529 5983	shoulder screw, use 1529 5991 eccentric hub
	† 1327 7348	for 18" series F1000, F6000			AQ	1303 1778	screw
	† 1327 7330	for 22" series F1000, F5000, F6000			AR	1340 5188	tapered screw
E	1327 7298	for 15"	for F25 thru F500, F700			1340 5196	use on left side series F1000
	1327 7306	for 18"	amber gray 203				
	1327 7314	for 22"					
F	1303 2727	for 15"	for F25 thru F500, F700				
	1303 2768	for 18"	gray ripple 206				
	1327 8163	for beige 125	retainer for left end of front rail and right end of rear rail				
	1303 3055	for amber gray 203					
	1344 6596	for gray ripple 206					
	1327 8155	for beige 125	retainer for left end of rear rail and right end of front rail				
	1303 3048	for amber gray 203					
	1344 6588	for gray ripple					
G	1303 1745	screw					
	1341 8918	felt, included in U					
	1303 1893	screw					
	* 1327 7546	rail for 15" series F6000					
	† * 1327 7462	for 18" series F1000, F6000					
	† * 1327 7447	for 22" series F1000, F5000, F6000					
	* 1327 7363	for 15"	amber gray 203				
	* 1327 7389	for 18"	after serial F103975P				
	* 1327 7405	for 22"					

* Includes H, I, J, K, L, AC, AD, AE and AK
† Universal carriage rails can be identified by the number of drilled holes. 18" rails have 5 holes in front rail and 18 holes in rear rail. 22" rails have 8 holes in front rail and 21 holes in rear rail. When replacing a front or rear rail on F1000 or F6000 with a lesser number of holes a matching front or rear rail is required. For F1000, use 1509 4378 clamp and 1509 4386 drill template. Front or rear rails for F5000 can be replaced singly.

Carriages

PLATENS (PLATE I-7) - Page 1



NORMAL PLATEN

CHART A



NORMAL PLATEN-DUAL SELECTIVE SPACING

CHART B



SPLIT & NORMAL PLATEN

CHART C



NORMAL PLATEN-GEARED

CHART D



SPLIT & NORMAL PLATEN-GEARED

CHART E

NORMAL PLATENS (CHART A)

Length	Description		Part Numbers	
	Carbon	Spacing	After Serial F65770P	Before Serial F65771P
15"	5-9	1/6	1326 6523	1302 4658
15"	12	1/6	1326 7125	1302 4666
15"	5-9	1/5	1326 6614	1302 4674
15"	12	1/5	1326 7133	1302 4682
15"	5-9	1/4	1326 6622	1302 4690
15"	12	1/4	1326 7141	1302 4708
18"	5-9	1/6	1326 6549	1326 7737
18"	12	1/6	1326 7182	1326 7182
18"	5-9	1/5	1326 6648	1302 5028
18"	12	1/5	1326 7190	1302 5036
18"	5-9	1/4	1326 6655	1302 5044
18"	12	1/4	1326 7208	1302 5051
22"	5-9	1/6	1326 6762	1302 5572
22"	12	1/6	1326 7026	1302 5580
22"	5-9	1/5	1326 7638	
22"	12	1/5	1326 7646	
22"	5-9	1/4	1326 7653	
22"	12	1/4	1326 7661	

PART NUMBERS CONTINUED ON NEXT PAGE

Carriages

PLATENS (PLATE I-7) CONTINUED Page 2

NORMAL PLATENS - DUAL SELECTIVE SPACING (CHART B)

Description			Part Numbers	
Length	Carbon	Spacing	After	Before
			Serial F65770P	Serial F65771P
15"	5-9	1/6	1326 6572	1302 5432
15"	12	1/6	1326 7158	1302 5440
15"	5-9	1/5	1326 6630	1302 5457
15"	12	1/5	1326 7166	1302 5465
15"	5-9	1/4	1326 6663	1302 5473
15"	12	1/4	1326 7174	1302 5481
18"	5-9	1/6	1326 6598	1302 5507
18"	12	1/6	1326 7216	1302 5515
18"	5-9	1/5	1326 6671	1302 5523
18"	12	1/5	1326 7224	1302 5531
18"	5-9	1/4	1326 6689	1302 5549
18"	12	1/4	1326 7232	1302 5556
22"	5-9	1/6	1326 7612	
22"	12	1/6	1326 7620	

SPLIT AND NORMAL PLATENS (CHART C)

NOTE: Platens with special splits not listed below, must be ordered by description

Description				Part Numbers	
Length	Carbon	Spacing	Split	After	Before
				Serial F65770P	Serial F65771P
15"	5-9	1/6	3"	1326 6770	1302 4831
15"	12	1/6	3"	1326 7034	1302 4849
15"	5-9	1/6	5"	1326 6788	1302 4872
15"	12	1/6	5"	1326 7042	1302 4880
15"	5-9	1/6	6"	1326 6804	1302 4914
15"	12	1/6	6"	1326 7059	1302 4922
15"	5-9	1/6	7 1/2"	1326 6796	1302 4955
15"	12	1/6	7 1/2"	1326 7067	1302 4963
18"	5-9	1/6	2 3/8"	1326 7679	
18"	12	1/6	2 3/8"	1326 7687	
18"	5-9	1/6	3 5/8"	1326 6812	1302 5184
18"	12	1/6	3 5/8"	1326 7075	1302 5192
18"	5-9	1/6	5"	1326 6820	1302 5226
18"	12	1/6	5"	1326 7083	1302 5234
18"	5-9	1/6	6"	1326 6838	1302 5267
18"	12	1/6	6"	1326 7091	1302 5275
18"	5-9	1/6	7"	1326 7562	1302 5309
18"	12	1/6	7"	1326 7570	1302 5317
18"	5-9	1/6	8"	1326 6846	1302 5325
18"	12	1/6	8"	1326 7109	1302 5333
18"	5-9	1/6	9"	1326 6853	1302 5382
18"	12	1/6	9"	1326 7117	1302 5390
22"	5-9	1/6	2 3/8"	1326 7695	
22"	12	1/6	2 3/8"	1326 7703	
22"	5-9	1/6	3 5/8"	1326 6887	
22"	12	1/6	3 5/8"	1326 6986	
22"	5-9	1/6	6"	1326 6895	
22"	12	1/6	6"	1326 6994	
22"	5-9	1/6	7"	1523 9692	
22"	5-9	1/6	8"	1523 9643	
22"	5-9	1/6	9"	1326 6903	
22"	12	1/6	9"	1326 7000	
22"	5-9	1/6	11"	1326 6911	
22"	12	1/6	11"	1326 7018	

PART NUMBERS CONTINUED ON NEXT PAGE

Carriages

PLATENS (PLATE I-7) CONTINUED Page 3

NORMAL PLATENS - GEARED (CHART D)

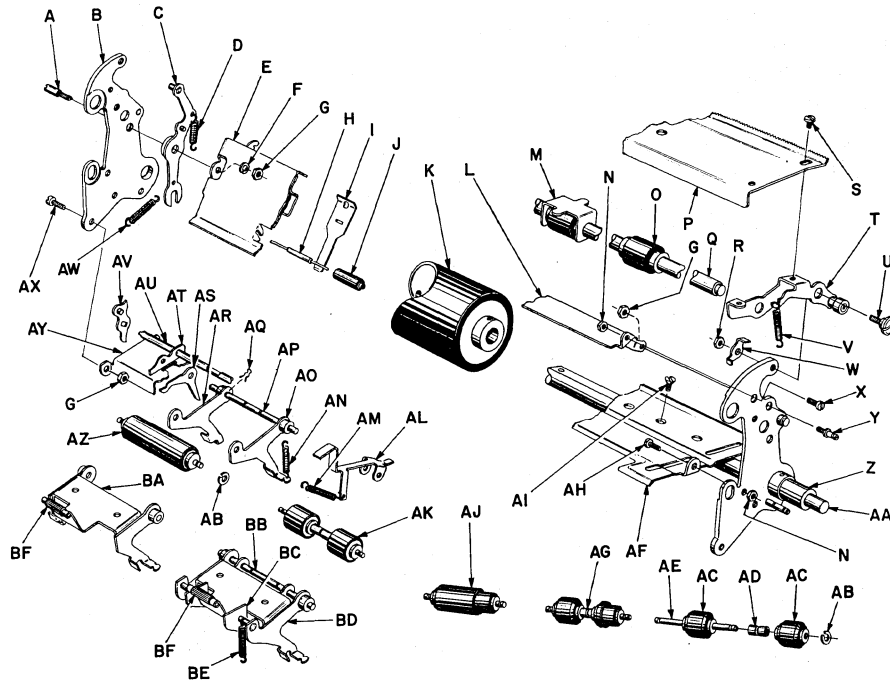
Description				Part Numbers	
Length	Carbon	Spacing	Gear Driven	After	Before
				Serial F65770P	Serial F65771P
15"	5-9	1/6	right	1326 6697	1302 4716
15"	12	1/6	"	1326 6929	1302 4724
15"	5-9	1/5	"	1326 6713	1302 4732
15"	12	1/5	"	1326 6945	1302 4740
15"	5-9	1/4	"	1326 6739	1302 4757
15"	12	1/4	"	1326 6960	1302 4765
15"	5-9	1/6	left	1326 7240	1302 4773
15"	12	1/6	"	1326 7257	1302 4781
15"	5-9	1/5	"	1326 7281	1302 4799
15"	12	1/5	"	1326 7299	1302 4807
15"	5-9	1/4	"	1326 7323	1302 4815
15"	12	1/4	"	1326 7331	1302 4823
18"	5-9	1/6	right	1326 6705	1302 5069
18"	12	1/6	"	1326 6937	1302 5077
18"	5-9	1/5	"	1326 6721	1302 5085
18"	12	1/5	"	1326 6952	1302 5093
18"	5-9	1/4	"	1326 6747	1302 5101
18"	12	1/4	"	1326 6978	1302 5119
18"	5-9	1/6	left	1326 7265	1302 5127
18"	12	1/6	"	1326 7273	1302 5135
18"	5-9	1/5	"	1326 7307	1302 5143
18"	12	1/5	"	1326 7315	1302 5150
18"	5-9	1/4	"	1326 7349	1302 5168
18"	12	1/4	"	1326 7356	1302 5176

SPLIT AND NORMAL PLATENS - GEARED (CHART E)

Description						Part Numbers	
Length	Carbon	Spacing	Split	Gear Driven		After	Before
						Serial F65770P	Serial F65771P
15"	5-9	1/6	3" right	left		1326 7364	1302 4856
15"	12	1/6	3" "	"		1326 7372	1302 4864
15"		1/5	3" left	right		1523 9700	
15"	5-9	1/6	5" right	left		1326 7380	1302 4898
15"	12	1/6	5" "	"		1326 7398	1302 4906
15"	5-9	1/6	6" "	"		1326 7406	1302 4930
15"	12	1/6	6" "	"		1326 7414	1302 4948
15"	5-9	1/6	7 1/2" "	"		1326 7422	1302 4971
15"	12	1/6	7 1/2" "	"		1326 7430	1302 4989
18"	5-9	1/6	3 5/8" "	"		1326 7448	1302 5200
18"	12	1/6	3 5/8" "	"		1326 7455	1302 5218
18"	5-9	1/6	5" "	"		1326 7463	1302 5242
18"	12	1/6	5" "	"		1326 7471	1302 5259
18"	5-9	1/6	6" "	"		1326 7489	1302 5283
18"	12	1/6	6" "	"		1326 7497	1302 5291
18"	5-9	1/6	8" "	"		1326 7505	1302 5341
18"	12	1/6	8" "	"		1326 7513	1302 5358
18"	5-9	1/6	9" "	"		1326 7547	1302 5408
18"	12	1/6	9" "	"		1326 7554	1302 5416
18"	12	1/5	2 3/8" left	right		1326 7711 (F6761)	
18"	5-9	1/6	8" "	left		1326 7521	1302 5366
18"	12	1/6	8" "	"		1326 7539	1302 5374
							for fan fold loan-a-matic ticket feeding device
22"	5-9	1/6	9" "	"		1326 7596	for fan fold loan-a-matic ticket feeding device

Carriages

INNER CARRIAGE AND PRESSURE ROLLS (PLATE I-8)



PART NUMBERS (PLATE I-8)

A	1303 1406	screw			
B	-- --	included in AA			
C	1302 7776	blank			
D	1013 3106	spring			
E	1302 7677	15" journal pan only after serial F35562P	for all styles except those having geared pressure rolls		
	1302 7693	18" journal pan only			
	1302 7727	22" journal pan only			
	1302 5689	15" journal pan assembly			
	1302 5697	18" journal pan assembly			
	1302 5705	22" journal pan assembly includes H, I, J, use 1302 5689 or 1302 5697, 1302 6703 or 1302 6729 pan, 1303 1406 screw, 1256 7442 lockwasher, 1010 0386 nut before serial F35563P			
	1327 0806	15" journal pan only	for geared pressure rolls		
	1327 0830	18" journal pan only			
	1327 0871	22" journal pan only			
	1327 0814	15" journal pan assembly			
	1327 0848	18" journal pan assembly			
	1327 0889	22" journal pan assembly includes H, I, J			
F	1256 7442	lockwasher			
G	1010 0378	nut, included in AA			
H	1302 6091	shaft			
I	1328 1142	flat spring, after serial F54355P	included in E		
	1303 2172	before serial F54356P			
J	1303 3253	pressure roll			
K	-- --	refer to PLATENS			
L	1326 9501	15", beige		paper deflector	
	1326 9485	18", beige			
	1326 9493	22", beige			
	1302 6539	15", amber gray			
	1302 6554	18", amber gray			
	1302 6562	22", amber gray			
	1302 6521	15", gray ripple			
	1302 6547	18", gray ripple			
M	1302 9624	brace, included in Q			
N	1010 0469	nut			
O	1326 8081	pressure roll, included in Q			
P	1327 0764	15", beige		tear off blade for all styles except those having fan fold loan-a-matic ticket feeding device included in Q	
	1327 0707	18", beige			
	1327 0723	22", beige			
	1302 7438	15" amber gray			
	1302 7446	18" amber gray			
	1302 7453	22" amber gray			
	1327 0749	18", beige			
	1327 0756	22", beige			
	1327 0681	18", amber gray		for fan fold loan-a-matic ticket feeding device included in Q	
	1302 7412	15" gray ripple after serial B175281.			
	1302 7420	18" gray ripple			
		Use 1302 7412 or 1302 7420, 1302 7636 right and 1302 7651 left hanger before serial B175282			
Q	1302 5598	15" shaft only		included in Q	
	1302 5630	18" shaft only			
	1302 5663	22" shaft only			

PART NUMBERS CONTINUED ON NEXT PAGE

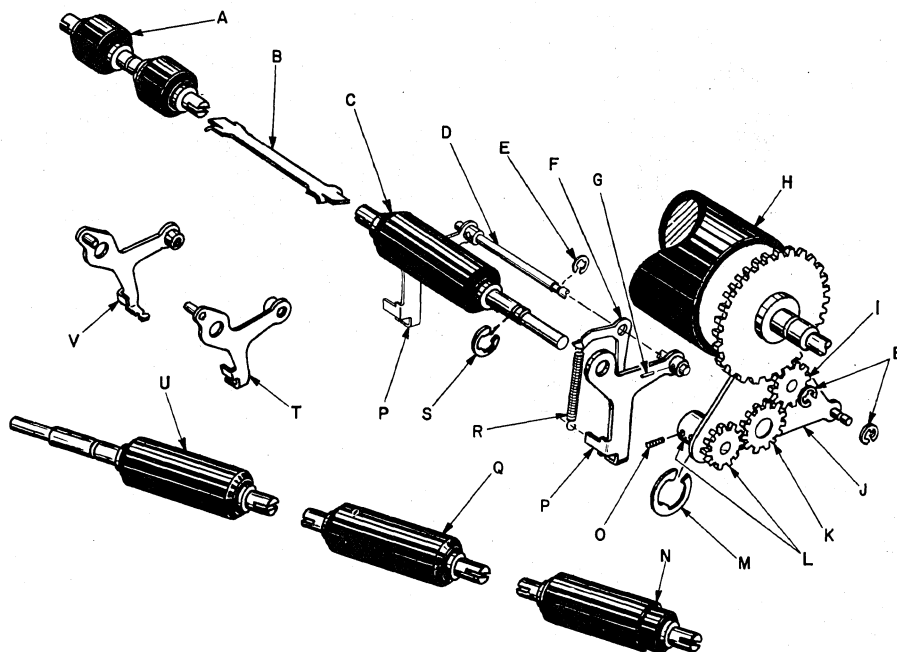
Carriages

PART NUMBERS (PLATE I-8) CONTINUED

	1302 5622	15" beige			AG	1326 8065	pressure roll assembly
	1326 7778	18" beige			AH	1028 8769	screw after serial F35562P
	1326 7786	22" beige				1303 1695	before serial F35563P
	1302 5614	15" amber gray	upper journal pressure roll assemblies includes M, O, P, S, T		AI	1010 4719	screw
	1302 5655	18" amber gray			AJ	1326 8073	wide pressure roll
	1302 5671	22" amber gray			AK	1326 8057	pressure roll assembly
	1302 5606	15" gray ripple			AL	1303 0143	form holder
	1302 5648	18" gray ripple			AM	1303 2248	spring
R	1010 0360	nut			AN	1303 2214	spring
S	1303 1802	screw, included in Q			AO	1302 9038	hanger
			for all series except styles with fan fold loan-a-matic ticket feeding device, included in Q		AP	1302 6232	shaft
T	1302 7636	hanger, right			AQ	1010 0121	clip
	1302 7651	left			AR	1302 9053	hanger
					AS	1303 0093	anchor
	1327 0772	right	for fan fold loan-a-matic ticket feeding device, included in Q		AT	-- --	included in AY
	1327 0780	left			AU	1302 6240	shaft 15"
U	1341 7225	screw, after serial F66245P, use 1256 7434 lockwasher, 1010 0386 nut				1302 6257	shaft 18"
						1302 6265	shaft 22"
	1303 1786	screw, before serial F66246P			AV	1303 0168	limit
V	1044 2812	spring			AW	1027 6798	spring, all styles except geared pressure rolls
W	1328 1183	limit, right side				1013 3312	spring on right end of pan except geared pressure rolls
	1328 1191	limit, left side				1026 9462	spring for geared pressure rolls
X	1010 9163	screw				1028 7696	spring on right end of pan for geared pressure rolls
Y	1303 1729	anchor screw			AX	1304 0779	screw included in AA
Z	1303 0721	collar, use 1010 5963 space washer as req.			AY	1302 9442	15" pan, all carriages except geared
AA	1302 4336	15"	inner carriage frame assembly, includes B, G, AU, AV, AX, AY			1302 9483	18" pressure rolls included in AA,
	1302 4476	18"				1302 9525	22" includes AT
	1302 4609	22"			AZ	1326 8032	pressure roll
AB	1028 8124	clip			BA	1328 0474	includes BF, for post to check feature
AC	1326 8206	pressure roll			BB	1326 8529	shaft, use 1010 0121 clips
AD	1328 1530	space collar			BC	1365 0908	form limit, style 6, printing line 1/2" to 1" specify, for all styles except F6761
AE	1326 8180	shaft				1328 0409	for F6761
			ledger and statement pan after serial F35562P. Use 1302 6703 or 1302 6729, 1302 5689 or 1302 5697, 1303 1406 screw, 1256 7442 lockwasher, 1010 0386 nut before serial F35563P		BD	1328 0466	includes BF, for form limits style 6
AF	1302 6703	15"			BE	1026 9298	spring
	1302 6729	18"			BF	-- --	included in BA and BD
	1302 6745	22"					
	1326 9832	15", with drive on right side					
	1326 9857	15", with drive on left side					
	1326 9840	18", with drive on right side	for geared pressure rolls				
	1326 9865	18", with drive on left side					
	1326 9881	22"					

Carriages

FORM SPACING POSTIVE - GEARED PRESSURE ROLLS (PLATE I-9)

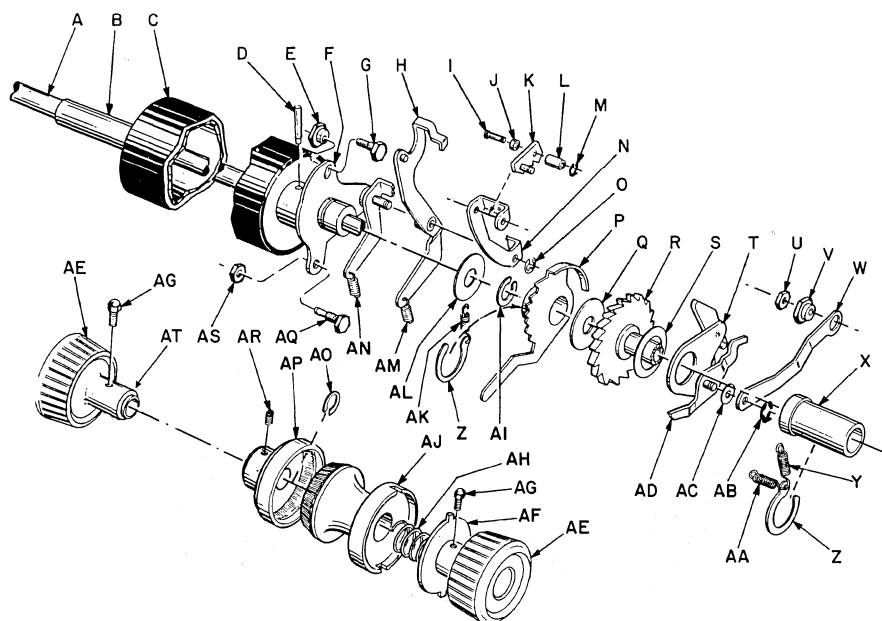


PART NUMBERS (PLATE I-9)

A	1326 8149	pressure roll all styles except F6760 and F6761	J	1327 9302	side plate, right side	includes K
	1326 8271	styles F6760 and F6761		1327 9328	left side	
B	1327 9427	link	K	-- --	included in J	
C	1326 8107	pressure roll, all styles except F6760 and F6761	L	1327 9351	gear	
	1326 8255	styles F6760 and F6761	M	1300 1458	clip	
D	1326 8495	has hubs to the right and ears to the left	N	1326 8156	pressure roll (cutout)	
	1326 8503	has hubs to the left, ears and stud to the right	O	1255 7617	setscrew	
	1326 8511	has hubs to the left and ears to the right	P	-- --	included in D	
E	1255 3129	clip	Q	1326 8123	pressure roll, all styles except F6760	
F	1327 3685	anchor		1326 8263	style F6760	
G	1342 8495	pin	R	1303 2214	spring	
H	-- --	refer to PLATENS	S	1342 6762	clip	
I	1327 9435	gear	T	1327 2703	hanger, has hub, ears and stud to the left	
				1327 2679	has hub and ears to the left	
			U	1326 8248	pressure roll (long shaft)	
			V	1327 2695	hanger, has hub, ears and stud to the right	
				1327 2661	has hub and ears to the right	

Carriages

FORM SPACING MECHANISM (PLATE I-10)



PART NUMBERS (PLATE I-10)

A	-- --	included in C	1302 9806	for left, on flexible form support with split and normal platen; for geared pressure rolls with normal or split and normal platen, geared left side before serial F65771P
B	1303 0705	sleeve	G	1303 1562 screw
C	-- --	refer to PLATENS. Include A	H	1327 0012 right detent after serial F65770P
D	1342 8461	pin, use 1257 0511 screw and 1338 8020 slotted shoulder nut after serial F142399P		1302 6810 right detent before serial F65771P
E	1341 8504	eccentric nut		1327 0020 left detent after serial F65770P
F	1302 9707	side plate, for right, on normal or split and normal platen after serial F65770P		1302 6836 left detent before serial F65771P
	1302 9699	for right, on normal or split and normal platen before serial F65771P	I	1338 8665 shaft
	1302 9756	for right, on flexible form support with normal or split and normal platen; for geared pressure rolls, geared right or left with normal or split and normal platen after serial F65770P	J	1337 6363 spacer
	1302 9749	for right, on flexible form support with normal or split and normal platen, for geared pressure rolls, geared right or left, with normal or split and normal platen before serial F65771P	K	1328 2181 right detent pawl for 1/6" spacing
	1302 9772	for left, on normal platen, for left, on split and normal platen; for dual selective spacing with normal platen after serial F65770P		1328 2199 left detent pawl for 1/6" spacing
	1302 9764	for left, on split and normal platen; for dual selective spacing with normal platen before serial F65771P		1328 2140 right detent pawl for 1/4" spacing
	1302 9798	for left, on flexible form support with normal platen; for geared pressure rolls with normal platen, geared right side		1328 2157 left detent pawl for 1/4" spacing
	1302 9814	for left, on flexible form support with split and normal platen; for geared pressure rolls with normal or split and normal platen, geared left side after F65770P		1328 2165 right detent pawl for 1/5" spacing
				1328 2173 left detent pawl for 1/5" spacing
			L	1337 9144 spacer
			M	1255 3103 clip
			N	1326 9915 right yoke
				1326 9931 left yoke
				* 1326 9998 right yoked detent assembly for 1/6" spacing after serial F84536P
				1326 9923 right yoked detent assembly for 1/6" spacing before serial F84537P and after serial F65770P, includes I, M, and 1342 7307 roller, 1028 7852 space collar

after
serial
F84536P,
included
in N

PART NUMBERS CONTINUED ON NEXT PAGE

Carriages

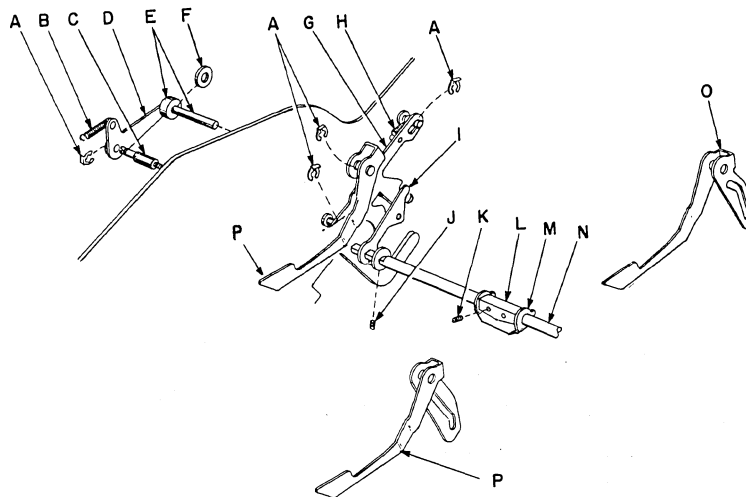
PART NUMBERS (PLATE I-10) CONTINUED

	1302 6778	right yoked detent assembly for 1/6" spacing before serial F65771P		1327 0087	for 1/5" spacing, right side after serial F65770P
	* 1327 0004	left yoked detent assembly for 1/6" spacing after serial F84536P		1302 6877	for 1/5" spacing, right side before serial F65771P
	1326 9949	left yoked detent assembly for 1/6" spacing before serial F84537P and after serial F65770P, includes I, M and 1342 7307 roller, 1028 7852 space collar		1327 0145	for 1/5" spacing, left side
	1302 6794	left yoked detent assembly for 1/6" spacing before serial F65771P		1327 0103	for 1/4" spacing, right side after serial F65770P
	* 1326 9956	right yoked detent assembly for 1/4" spacing	S	1302 6885	for 1/4" spacing, right side before serial F65771P
	* 1326 9964	left yoked detent assembly for 1/4" spacing	T	1327 0160	for 1/4" spacing, left side
	* 1326 9972	right yoked detent assembly for 1/5" spacing		1342 6655	spacer
	* 1326 9980	left yoked detent assembly for 1/5" spacing		1326 9584	space pawl for 1/6" spacing, right side after serial F65770P
O	1255 3152	clip		1302 6620	for 1/6" spacing, right side before serial F65771P
P	1326 9659	detent for form spacing 1/6" right for series F100 thru F500 after serial F65770P		1326 9600	for 1/6" spacing, left side after serial F67864P
	1326 9808	for spacing 1/6" right for series F100 thru F500 before serial F65771P		1302 6638	for 1/6" spacing, left side before serial F67865P
	1326 9782	for spacing 0", 1/6", 1/3" right for series F25 and F50 after serial F65770P		1326 9618	for 1/5" spacing, right side after serial F65770P
	1327 9062	for spacing 0", 1/6", 1/3" right for series F25 and F50 before serial F65771P		1302 6646	for 1/5" or 1/4" spacing, right side before serial F65771P
	1326 9683	for spacing 1/6" left for F100 thru F500 after serial F67864P		1326 9626	for 1/5" spacing, left side
	1302 6661	for spacing 1/6" left for F100 thru F500 before serial F67865P	U	1326 9634	for 1/4" spacing, right side after serial F65770P
	1326 9691	for spacing 1/6" right for F1000, F5000 and F6000	V	1326 9642	for 1/4" spacing, left side
	1326 9725	for spacing 1/6" left for F1000, F5000 and F6000	W	1010 0386	nut after serial F65770P
	1326 9667	for spacing 1/5" right for F100 thru F500 after serial F65770P		1013 7883	nut before serial F65771P
	1344 3320	for spacing 1/5" right for F100 thru F500 before serial F65771P		1049 2817	eccentric after serial F65770P
	1326 9675	for spacing 1/4" right for F100 thru F500 after serial F65770P		1017 9802	eccentric before serial F65771P
	1302 6695	for spacing 1/4" right for F100 thru F500 before serial F65771P	X	1327 9112	link for right side
	1326 9709	for spacing 1/5" right for F1000, F5000 and F6000	Y	1327 9120	link for left side
	1326 9717	for spacing 1/4" right for F1000, F5000 and F6000		1337 6355	hub
	1326 9774	for spacing 1/5" left with split platen for F100 thru F500		1027 1922	spring for 1/6" spacing
	1326 9790	for spacing 1/4" left with split platen for F100 thru F500		1044 1939	spring for 1/4" spacing
	1326 9733	for spacing 1/6" right	Z	1027 7572	spring for 1/5" spacing, and for split and normal platen
	1326 9766	for spacing 1/6" left	AA	1328 1308	spring anchor
	1326 9741	for spacing 1/5" right	AB	1027 7085	spring for F1000, F5000 with 22" carriage clip
	1326 9824	for spacing 1/5" left	AC	1010 0220	clip
	1326 9758	for spacing 1/4" right	AD	1337 1117	spacer
Q	1337 1729	washer	AE	1328 1480	limit arm, right side
R	1327 0061	ratchet for 1/6" spacing, right side after serial F65770P	AF	1328 1498	left side
	1302 6844	for 1/6" spacing, right side before serial F65771P	AG	1328 1241	rubber grip, included in AF, AT
	1327 0129	for 1/6" spacing, left side after serial F65770P	AH	1327 5441	twirler, includes AE, AG
	1302 6869	for 1/6" spacing, left side before serial F65771P	AI	1303 1075	plastic twirler, includes AG
			AL	1343 0087	screw included in AF, AT
			AM	1303 2230	spring
			AN	1300 1458	clip
			AO	1303 1257	variable spacer
			AP	1027 2839	spring
			AQ	1337 1570	washer
			AR	1015 2239	spring
			AS	1013 3312	spring
			AT	1255 3418	clip
				1505 8969	variable space cup
				1303 1703	screw
				1017 2534	for geared pressure rolls
				1303 1836	set screw included in AP
				1303 1216	nut
				1327 5458	twirler includes AE and AG
				1303 1091	plastic twirler, includes AG
					* Includes I, J, K, L and M

for space
adjustment
selector
omitted

Carriages

FORM SPACE AND NON-SPACE MECHANISM - DUAL SELECTIVE - WITH OR
WITHOUT SPLIT AND NORMAL PLATEN (PLATE I-11)

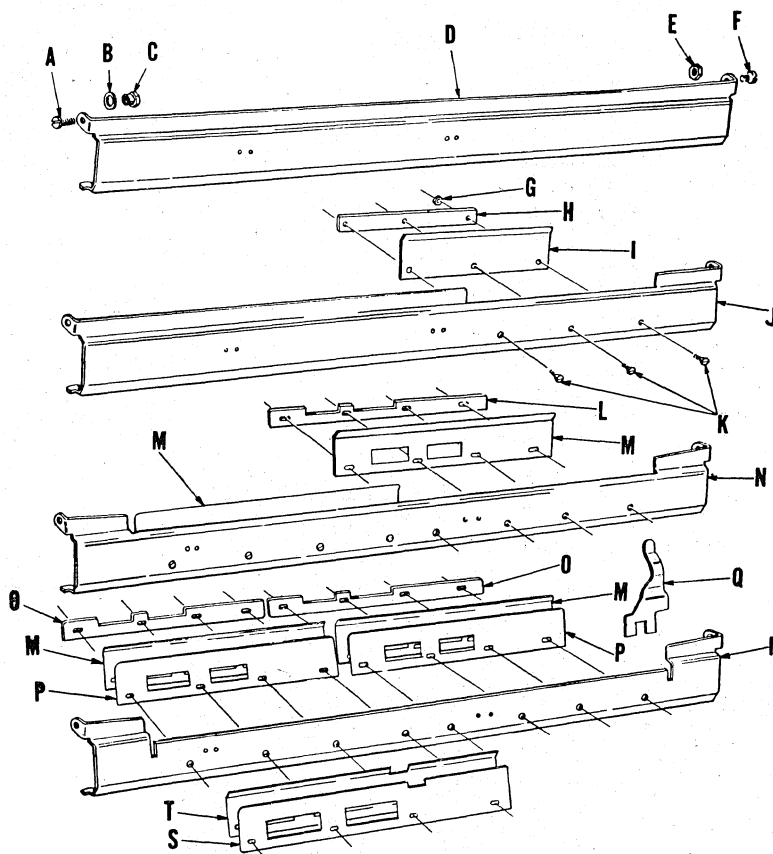


PART NUMBERS (PLATE I-11)

A	1010 0220	clip	
B	1340 9495	spring	
C	1328 1209	slotted screw post, after serial F65770P. Use 1328 1209 post, 1326 8289 or 1326 8297 or 1326 8305 shaft and 1508 7638 brace before serial F65771P	
D	1303 0291	bellcrank	includes E
	1303 0283	bellcrank	
E	-- --	included in D	
F	1307 2681	collar, use before serial F68743P	
G	1303 0069	link for left side	
	1303 0051	link for right side	
H	1035 2136	spring	
I	1303 0390	lever for left side	
	1303 0374	lever for right side	
J	1340 6228	setscrew	
K	1303 1836	setscrew	
L	1327 4469	skid	
M	1508 7638	brace, after serial F65770P. Use 1508 7638 brace, 1328 1209 post, 1326 8289 or 1326 8297 or 1326 8305 shaft before serial F65771P	
N	1326 8289	shaft 15"	after serial F65770P. Use 1326 8289 or 1326 8297 or 1326 8305 shaft, 1328 1209 post, 1508 7638 brace before serial F65771P
	1326 8297	shaft 18"	
	1326 8305	shaft 22"	
O	1327 4238	camming lever, right side	
P	1327 4246	camming lever, left side	

Carriages

FORM SUPPORTS (PLATE I-12)



PART NUMBERS (PLATE I-12)

A	1010 4198	screw		J	1640 5557	pressure roll shield 15" gray ripple	
B	1010 4552	space washer		K	1340 3266	screw, included in N and R	
C	1028 8041	shoulder nut		L	1303 0416	plate (15) length 7 1/2", plate has two cutouts included in N	
D	1327 0277	15" beige	pressure roll shields		1303 0424	plate (18) length 9", plate has two cutouts included in N	
	1327 0194	18" beige		M	1303 0549	plate (15) length 7 1/2", has two large holes	included in N and R
	1523 1483	22" beige			1303 0564	plate (18) length 9", has two large holes	
	1302 6943	15" amber gray			1327 5037	plate length 11", has two large holes	
	1302 7065	18" amber gray			1327 5003	plate length 11", has three large holes	
	1302 7164	22" amber gray			1327 5045	plate length 11", has one large hole	
	1302 6935	15" gray ripple					
	1302 7057	18" gray ripple					
E	1010 0386	nut					
F	1010 4610	screw					
G	1010 0469	nut included in N and R					
H	1303 0408	plate					
I	1303 0531	plate					

PART NUMBERS CONTINUED ON NEXT PAGE

Carriages

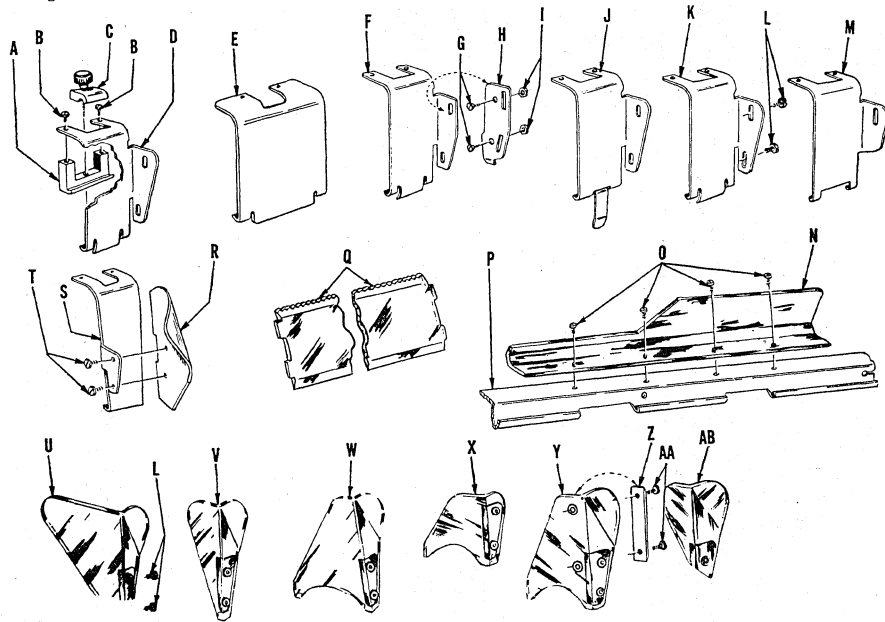
PART NUMBERS (PLATE I-12) CONTINUED

N	1302 6976	pressure roll shield, 15" amber gray, includes G, K, L, M	R	1327 0285	shield, for 15" beige	
	1302 7081	18" amber gray, includes G, K, L, M		1327 0293	for 15" beige, includes G, K, O, M, P	
	1302 6992	15" gray ripple		1327 0251	for 18" beige	
	1302 7107	18" gray ripple		1327 0269	for 18" beige, includes G, K, O, M, P	
O	1303 0432	blank (18) length 9", has two cutouts		1327 0236	for 22" beige	for flexible form support and/or post to check with form limits style 5 or style 6
	1327 4485	length 11", has two cutouts		1327 0244	for 22" beige, includes G, K, O, M, P	
	1327 4477	length 11", has one cutout		1302 7024	15" amber gray	
	1327 4493	length 11", has three cutouts		1302 7131	18" amber gray	
P	1303 0556	blank (15) length 7 1/2" has two large holes		1302 7172	22" amber gray	
	1303 0572	(18) length 9", has two large holes	included in R	1302 7032	15" amber gray, includes G, K, O, M, P	
	1327 5029	length 11", has two large holes		1302 7149	18" amber gray, includes G, K, O, M, P	
	1327 5011	length 11", has three large holes		1302 7180	22" amber gray, includes G, K, O, M, P	
	1327 5052	length 11", has one large hole		S	1327 4980	blank for 15" N.C.R. passbook carriage
Q	1303 0341	guide offset to right		T	1327 4998	
	1303 0333	offset to left				

for flexible form support and/or post to check with form limits style 5 or style 6

FRONT FORM GUIDES (PLATE I-13)

Complete assembled form guides consist of the lower part of clamp with screws, hanger with screws and a clear plastic or metal form guide.



PART NUMBERS (PLATE I-13)

COMPLETE ASSEMBLED FORM GUIDES

Style	Right	Left	Includes
1	1327 3701	1327 3727	A, B, C, D, L U
2	1327 3743	1327 3768	A, B, C, D, L, V
2A	1327 4006	1327 4022	A, B, C, J, L, V
3	1327 3784	1327 3800	A, B, C, F, L, W
4	1327 3917	1327 3925	A, B, C, D, L, W
5	1327 3826	1327 3842	A, B, C, D, L, X
6	1327 3867	1327 3883	A, C, F, L, Y, Z, AA
7	1303 0119	1303 0135	A, B, C, F, G, H, I
8	1327 3891	1327 3909	A, B, C, J, L, W
9	1327 3966	1327 3982	A, B, C, L, M, AB

A	1327 7926	lower part of clamp
B	1010 8991	screw
C	1327 7629	upper part of clamp
D	1326 9253	hanger, right
	1326 9261	hanger, left
	1326 9279	hanger for loan-a-matic ticket device, 1" wide, 1 3/8" long
E	1326 9311	hanger
F	1326 9386	hanger, right
	1326 9394	hanger, left

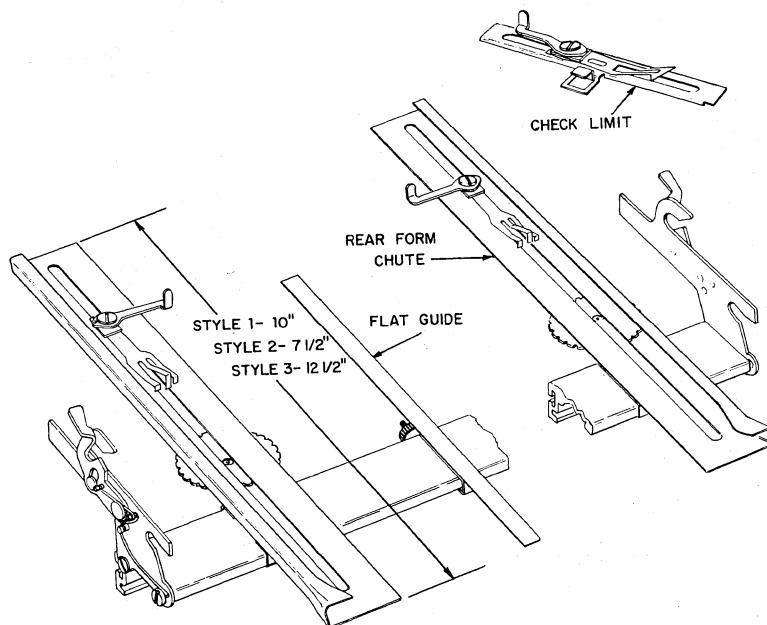
PART NUMBERS CONTINUED ON NEXT PAGE

Carriages

PART NUMBERS (PLATE I-13) CONTINUED

	1326 9428	hanger, right	} for F1000 machines with tape listing tear off blade, 3 7/16" or 2 1/4" paper	R	1327 3933	metal form guide, right
	1326 9436	hanger, left		S	1327 3941	metal form guide, left
G	1010 5708	screw			1326 9295	hanger, right
H	1303 0101	plate, right		T	1326 9303	hanger, left
	1303 0127	plate, left		U	1343 3032	screw
I	1010 0378	nut			1327 3693	plastic form guide, right
J	1326 9352	hanger, right		V	1327 3719	plastic form guide, left
	1326 9378	hanger, left			1327 3735	plastic form guide, right
K	1326 9402	hanger, right			1327 3750	plastic form guide, left
	1326 9261	hanger, left		W	1327 3776	plastic form guide, right
L	1010 3737	screw			1327 3792	plastic form guide, left
M	1326 9329	hanger, right		X	1327 3818	plastic form guide, right
	1326 9337	hanger, left			1327 3834	plastic form guide, left
N	1328 0383	plastic form guide		Y	1327 3859	plastic form guide, right
O	1017 3169	screw			1327 3875	plastic form guide, left
P	1326 8800	form heading holder		Z	1302 9855	plate
Q	1302 7461	for 3 7/16" paper roll	} tear off blade for style 7 form guide	AA	1025 7871	screw
	1302 7479	for 2 1/4" paper roll		AB	1327 3958	plastic form guide, right
					1327 3974	plastic form guide, left

COMPLETE REAR FORM CHUTE ASSEMBLY (PLATE I-14)



PART NUMBERS (PLATE I-14)

STYLE 1 first printing line 9 1/2" or less from bottom of form
 STYLE 2 first printing line 7" or less from bottom of form
 STYLE 3 first printing line 12" or less from bottom of form

STYLE 1

1303 2396	15"	} contains 1 set of chutes and 1 flat guide
1303 2479	18"	
1303 2644	22"	
1303 2404	15"	} contains 2 sets of chutes and 2 flat guides
1303 2487	18"	
1303 2651	22"	
1303 2438	15"	contains 1 set of chutes and 2 flat guides
1303 2552	18"	contains 1 set of chutes and 3 flat guides

STYLE 2

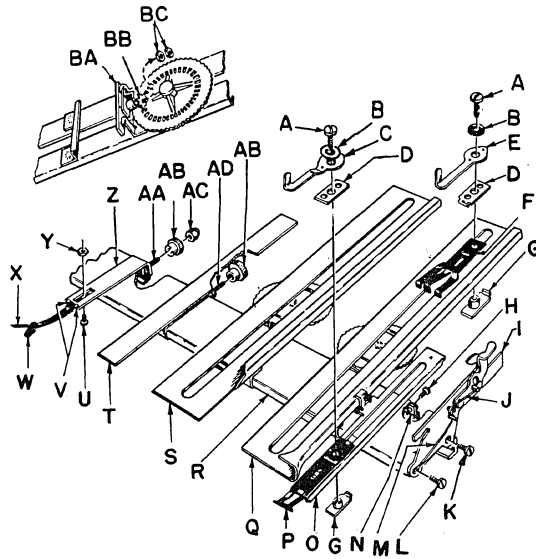
1303 2420	15"	} contains 1 set of chutes and 1 flat guide
1303 2503	18"	
1303 2677	22"	

STYLE 3

1303 2453	15"	} contains 1 set of chutes and 3 flat guides
1303 2545	18"	
1303 2719	22"	

Carriages

REAR FORM CHUTE ASSEMBLIES (PLATE I-15)



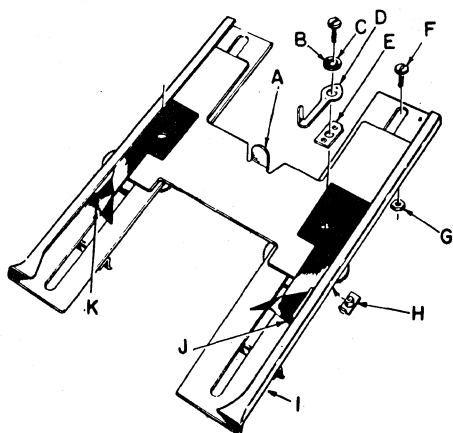
PART NUMBERS (PLATE I-15)

A	1328 1472	screw for chutes with part G having lip at 45° angle
	1303 1794	screw for chutes with part G having lip at 90° angle
B	1302 8469	spring washer
C	1327 1200	lever (angle)
	1524 1383	used with complete check limit assembly O on 7 1/2" form chutes
D	1327 1192	plate, for chutes with part G having lip at 45° angle, use 1327 1192 plate, 1328 1472 screw, 1327 1218 retainer for chute with part G having lip at 90° angle
E	1302 8444	lever (straight)
F	1302 8451	check limit, style 1
G	1327 1218	retainer, has lip at 45° angle, use 1327 1218 retainer, 1327 1192 plate, 1328 1472 screw when replacing part having lip at 90° angle
H	1010 7217	screw
I	1302 9996	end plate, right double spring
	1303 0010	end plate, left construction
		use 1302 9996, 1303 0010, 1303 2180 (2) spring, 1343 0863 (2) torsion spring, 1343 0103 (2) screw, 1343 0111 (2) screw for end plates having single spring construction
J	1303 2180	torsion spring
K	1343 0111	for end plates with double spring construction
	1300 8065	for end plates with single spring construction
L	1343 0103	for end plates with double spring construction
	1300 8065	for end plates with single spring construction
M	1343 0863	torsion spring

N	1303 0028	nut	
O	1302 9103	No. 2 check limit, style 2	
	1302 9111	right complete check limit assembly,	
	1302 9129	left includes A, B, C, D, G, P	
P	1327 1234	check limit, style 2, left, included in O	
	1327 1242	check limit, style 2, right, included in O	
Q	1302 7206	right, style 1, length 10"	form chute does not include BA, BB, BC
	1302 7255	left, style 1, length 10"	
	1302 7305	right, style 2 length 7 1/2"	
	1302 7339	left, style 2, length 7 1/2"	
	1302 7362	right, style 3, length 12 1/2"	
	1302 7396	left, style 3, length 12 1/2"	
	1302 7214	right, style 1, length 10"	
	1302 7263	left, style 1, length 10"	
	1524 1391	right, style 2, length 7 1/2"	
	1524 1409	left, style 2, length 7 1/2"	
		COMPLETE FORM CHUTES	
	1302 7222	right, style 1, length 10"	includes A, B, E, D, F, G, BA, BB
	1302 7271	left, style 1, length 10"	
	1302 7313	right, style 2, length 7 1/2"	
	1302 7347	left, style 2, length 7 1/2"	
	1302 7370	right, style 3, length 12 1/2"	
	1302 7404	left, style 3, length 12 1/2"	
	1302 7230	right, style 1, length 10"	
	1302 7289	left, style 1, length 10"	
	1524 1417	right, style 2, length 7 1/2"	
	1524 1425	left, style 2, length 7 1/2"	
R	1303 2388	15"	rear form chute table
	1303 2461	18"	
	1303 2636	22"	
S	1327 0335	right scoot over chute style 1	does not include BA, BB, BC
	1327 0350	left scoot over chute style 1	
	1327 0376	right scoot over chute style 2	
	1327 0392	left scoot over chute style 2	
T	1302 7859	guide	
U	1017 3169	screw, included in Z	
V	1054 3270	river, included in Z	
W	1302 9848	spring limit strip, included in Z	
X	1302 9137	spring guide strip, included in Z	
Y	1010 0469	nut, included in Z	
Z	1302 9087	bracket only	
	1302 9095	check limit, includes U, V, W, X, Y	
AA	1342 9956	screw	
AB	1303 0861	knurled nut	
AC	1342 8214	locknut	
AD	1302 8436	screw	
BA	1302 9426	screw	
BB	1327 5136	gear	
BC	1303 1208	nut, used on metal selector lock only	

Carriages

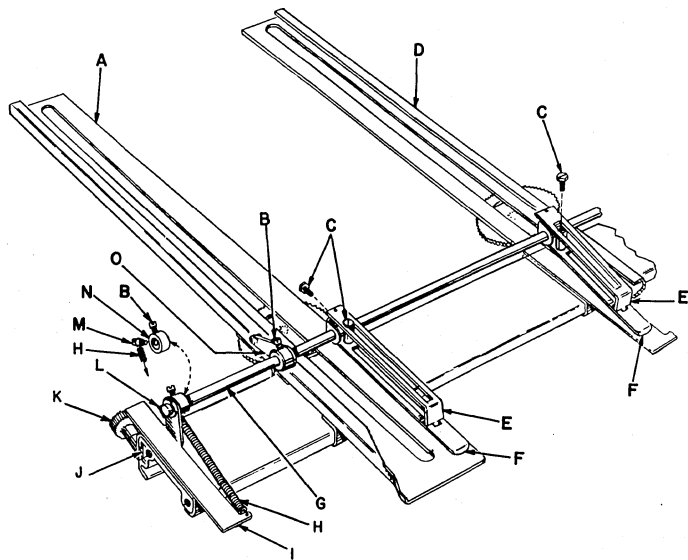
COMPLETE FORM LIMIT ASSEMBLY STYLE 5 (PLATE I-16)



PART NUMBERS (PLATE I-16)

	1328 0441	complete form limit, includes A thru K
A	1328 0433	form limit, style 5
B	1328 1472	for chutes with part H having lip at 45° angle
	1303 1794	for chutes with part H having lip at 90° angle
C	1302 8469	spring washer
D	1302 8444	lever
E	1327 1192	plate, for chutes with part H having lip at 45° angle. Use 1327 1192 plate, 1328 1472 screw, 1327 1226 retainer for chutes with part H having lip at 90° angle
F	1021 3072	screw
G	1010 6870	style 17 nut
H	1327 1226	retainer has lip at 45° angle. Use 1327 1226 retainer, 1327 1192 plate, 1328 1472 screw when replacing part having lip at 90° angle
I	1302 7206	right form chute
	1302 7255	left form chute
J	1328 0417	right limit
K	1328 0425	left limit

REAR FORM CHUTES - WITH FORM LIMITS FOR PAYROLL ENVELOPE PRINTING
 LINE 3" MINIMUM, 4 1/4" MAXIMUM FROM BOTTOM OF FORM STYLE 4 (PLATE I-17)

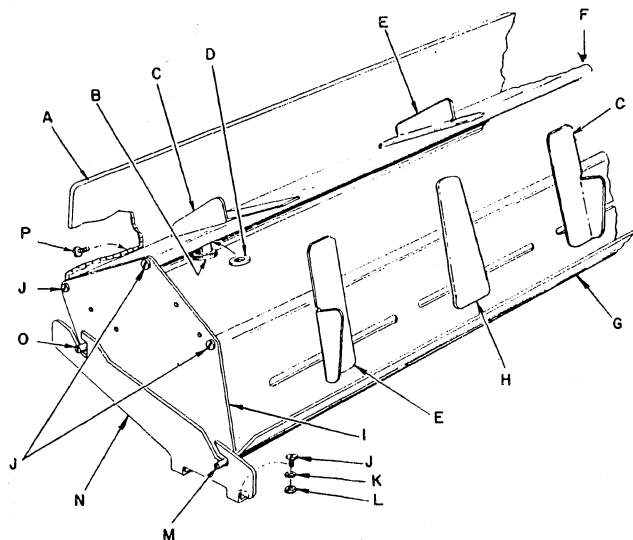


PART NUMBERS (PLATE I-17)

A	1327 0319	form chute
B	1010 3919	screw, included in N and O
C	1304 2775	screw
D	1327 0418	form chute
E	1328 0086	limit
F	1328 0078	bracket
G	1327 6951	shaft
H	1027 7143	spring
I	1328 0110	bracket. Use 1328 0110 bracket, 1303 0861 knurled nut on guides having knurled nut 9/32" long
J	1302 8436	anchor for K
K	1303 0861	knurled nut 15/32" long
L	1010 0089	clip
M	1010 4032	spring screw stud, included in N
N	1342 7786	set collar includes B and M
O	1328 0094	brace includes B

Carriages

FORM MAGAZINE AND RECEIVER (PLATE I-18)

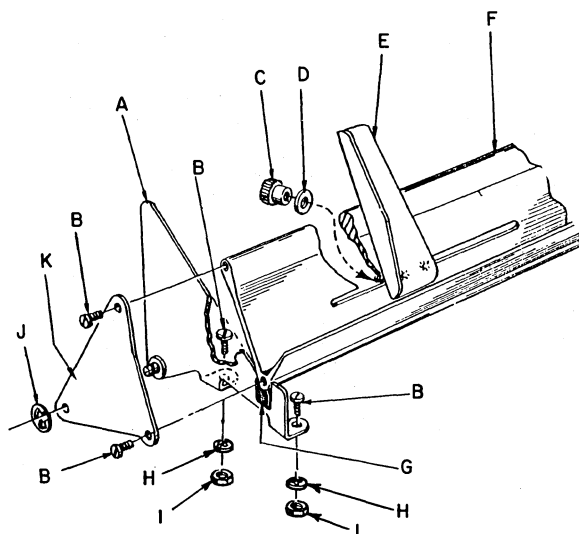


PART NUMBERS (PLATE I-18)

A	1328 1936	back plate 15"
	1328 1944	back plate 18"
	1328 1951	back plate 22"
B	1303 0861	knurled nut
C	1328 0813	guide for forms 2" to 4" wide
	1328 0821	for forms 2" to 3" wide
	1328 0839	for forms 2 1/2" or less in width
	1328 0870	for forms 2" to 4" wide
	1328 0896	for forms 2" to 3" wide
	1328 0912	for forms 2 1/2" or less in width
D	1342 6663	washer

E	1328 0847	guide for forms 2" to 4" wide	amber gray
	1328 0854	for forms 2" to 3" wide	
	1328 0862	for forms 2 1/2" or less in width	beige
	1328 0888	for forms 2" to 4" wide	
	1328 0904	for forms 2" to 3" wide	
	1328 0920	for forms 2 1/2" or less in width	
F	1328 0672	table for 15"	amber gray
	1328 0680	for 18"	
	1328 0698	for 22"	
	1328 0755	for 15"	beige
	1328 0730	for 18"	
	1328 0714	for 22"	
G	1328 0649	table for 15"	amber gray
	1328 0656	for 18"	
	1328 0664	for 22"	
	1328 0748	for 15"	beige
	1328 0722	for 18"	
	1328 0706	for 22"	
H	1328 1969	guide for forms 2" to 4" high	amber gray
	1328 1977	for forms 2" to 3" high	
	1328 1985	for forms 2" to 4" high	beige
	1328 1993	for forms 2" to 3" high	
I	1328 0771	right side plate	
	1328 0789	left side plate	
J	1010 8983	screw	
K	1256 7715	lockwasher	
L	1010 0378	nut	
M	1340 5865	grooved head screw	
N	1328 0557	left bracket	for F25 thru F500 and F700
	1328 0540	right bracket	
	1328 0573	left bracket	for F1000, F5000 and F6000
	1328 0565	right bracket	
O	1340 5873	grooved head screw, use 1256 7715 lockwasher and 1010 0378 nut	
P	1035 2060	screw	

FORM MAGAZINE (PLATE I-19)

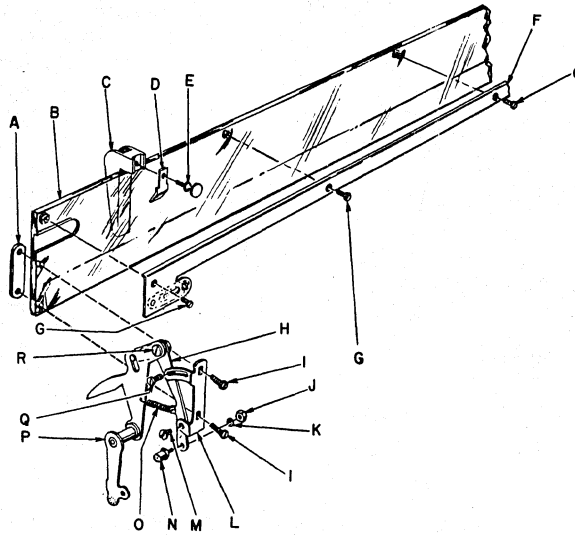


PART NUMBERS (PLATE I-19)

A	1328 0532	left bracket	amber gray
	1328 0524	right bracket	
B	1010 8983	screw	
C	1303 0861	knurled nut	
D	1342 6663	washer	
E	1328 0805	left form guide	amber gray
	1328 0797	right form guide	
	1328 0623	plate 18"	
F	1328 0631	plate 22"	
G	1328 0599	rubber bumper	
H	1256 7715	lockwasher	
I	1010 0378	nut	
J	1017 4290	clip	
K	1328 0763	end plate, amber gray	

Carriages

FORM ALIGNING TABLE, TRANSPARENT (PLATE I-20)

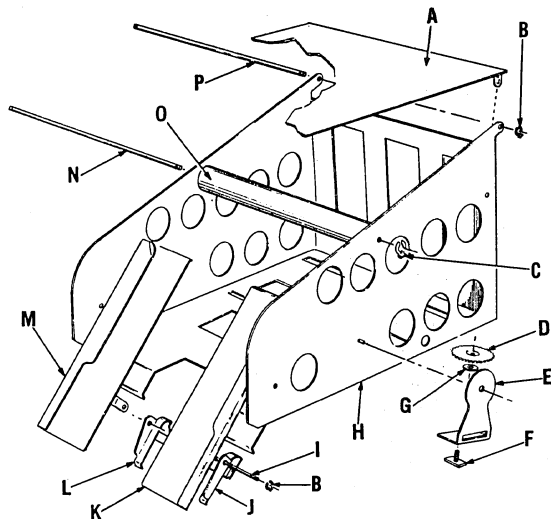


PART NUMBERS (PLATE I-20)

A	1328 0359	retainer		F	1326 8750	strip 15"	
B	1328 0169	15"			1326 8784	strip 18"	with form heading holder
	1328 0201	18"	with form heading holder		1326 8925	strip 22"	
	1328 0250	22"			1326 8735	strip 15"	
	1328 0227	18"	without form heading		1326 8768	strip 18"	without form heading holder
	1328 0243	22"	holder		1326 8917	strip 22"	
	1328 0185	15" without form heading		G	1343 0343	screw	
		holder except for passbook	plastic	H	1328 0300	left bracket	
		application	only		1328 0292	right bracket	
	1328 0268	15" without form heading		I	1010 5393	screw	
		holder with passbook		J	1010 0360	nut	
		application		K	1256 7442	lockwasher	
C	1328 0318	guide for table without form		L	1328 0284	left bracket	
		heading holder			1328 0276	right bracket	
	1328 0326	guide for table with form	amber gray	M	1340 3043	screw	
		heading holder		N	1303 1638	roller screw	
	1328 0334	for table without form heading		O	1303 2206	spring	
		holder	beige	P	1502 3815	left bracket, use with right bracket	
	1328 0342	for table with form heading			1502 3807	right bracket, use with left bracket	
		holder		Q	1010 4214	screw	
D	1328 0367	retainer		R	1010 6128	shoulder screw	
E	1010 5468	knurled head screw					

Carriages

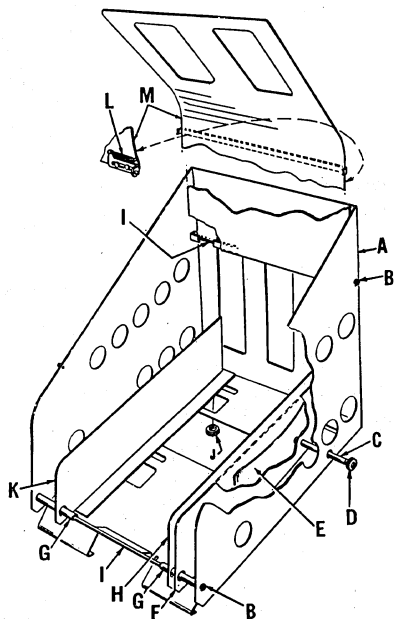
FAN FOLD FORM HOLDER - WITH FRONT FORM GUIDES (PLATES I-21)



PART NUMBERS (PLATE I-21)

A	1327 9609	top cover, gray	
	1327 9617	top cover, beige	
B	1010 0212	clip	
C	1010 0238	clip	
D	1524 1482	knurled nut	
E	1303 3220	holder, gray	
	1327 8569	holder, beige	
F	1302 9640	screw	
G	1010 8777	washer	
H	1327 9542	box, gray	includes sides, bottom and back
	1327 9567	box, beige	
I	1328 2082	shaft	
J	1327 2810	guide, gray	
	1327 2844	guide, beige	
K	1328 2108	guide, gray	
	1328 2124	guide, beige	
L	1327 2836	guide, gray	
	1327 2851	guide, beige	
M	1328 2116	guide, gray	
	1328 2132	guide, beige	
N	1328 2066	shaft	
O	1337 9334	roller	
P	1302 6133	shaft	

FAN FOLD FORM HOLDER - WITH SIDE FORM GUIDES (PLATE I-22)

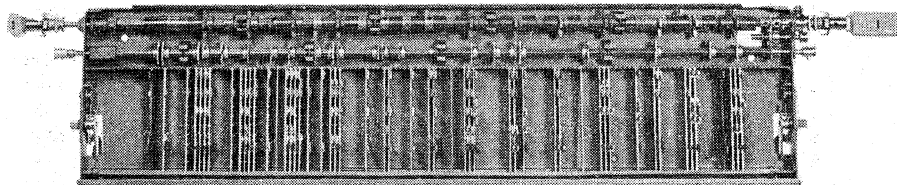


PART NUMBERS (PLATE I-22)

A	1327 9492	box only, with studs for limit strip on top cover	
B	1010 0212	clip	
C	1342 7646	tubing	
D	1338 7238	knurled nut	
E	1343 0889	compression spring 6 3/4" long, 1 7/8" wide	
	1343 0871	compression spring 6 3/4" long, 1 1/4" wide	
F	1327 9625	form guide	
	1303 0663	form guide, use on form holder without limit strip on top cover	
G	1337 9300	tubing	
H	1327 9658	form guide	
	1303 0358	form guide, use on form holder without limit strip on top cover	
I	1302 6133	shaft	
J	1303 0879	knurled nut	
K	1327 9641	form guide	
	1327 9633	form guide, use on form holder without limit strip on top cover	
L	1026 9975	spring, use on form holder without limit strip on top cover	
M	1327 9591	top cover with limit strip	
	1327 9583	top cover without limit strip	

Carriages

COMPLETE AND PARTIAL CONTROL UNITS (PLATE I-23)



COMPLETE CONTROL UNIT

✓ COMPLETE ASSEMBLED CONTROL UNITS -

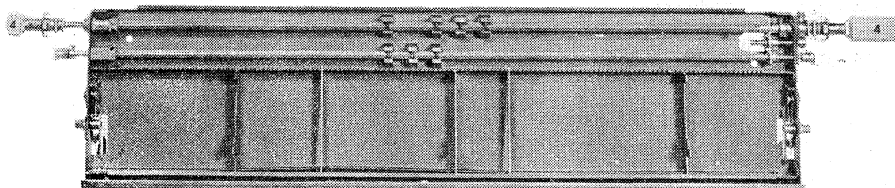
Specify unit number or furnish form layout

*Note: When changing to flexible control unit use 1506 6962 roller,
1506 6970 eccentric, 1340 4710 screw, 1527 7494 post (2 req.)

SCHEDULE	MACHINE STYLE	NON-FLEXIBLE	FLEXIBLE	FLEXIBLE
		Beige 125	Beige 125	Gray 227
2 - 15"	F6050	1327 6928	-- --	-- --
2 - 15"	F6000P, F6050P, F6706P	1327 5615	-- --	-- --
2 - 18"	F1000	1327 6035	-- --	-- --
2 - 18"	F9050, F9250	-- --	-- --	1528 3641
2 - 18"	F6000	1327 6530	-- --	-- --
2 - 18"	F1050P, PA	1327 6365	-- --	-- --
2 - 18"	F9050P, F9250P	-- --	-- --	1528 3575
2 - 22"	F5000	-- --	1530 1088	-- --
3 - 15"	B606	-- --	1530 0197	-- --
4 - 15"	F6000	-- --	1530 0304	-- --
4 - 18"	F1000, F9000	-- --	-- --	1528 3641
4 - 18"	F5000, F6000	-- --	1530 0411	-- --
4 - 18"	F8455 (E5000)	-- --	1530 0569	-- --
4 - 18"	F1000P, PA, F9000P	-- --	-- --	1528 3526
4 - 18"	F5000P, F6000P	-- --	1530 0726	-- --
4 - 22"	F1000, F9000	-- --	-- --	1528 3450
4 - 22"	F5000, F6000	-- --	1530 1088	-- --
4 - 22"	F8100, F1000P, F9000P	-- --	-- --	1528 3401
4 - 22"	F5000P, F6000P	1327 6779	-- --	-- --

SIDE INSERTION

4 - 22"	E2000, E4000, E6000, E8000, F8100	-- --	-- --	1533 0640
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PARTIAL CONTROL UNITS

✓ PARTIAL CONTROL UNITS

SCHEDULE	MACHINE STYLE	NON-FLEXIBLE	FLEXIBLE	FLEXIBLE
		Beige 125	Beige 125	Gray 227
1 - 15"	F25	1327 5565	-- --	-- --
2 - 15"	F6050	1327 6936	-- --	-- --
2 - 15"	F6000P, F6050P, F6706P	1508 5707	-- --	-- --

PART NUMBERS CONTINUED ON NEXT PAGE

Carriages

PART NUMBERS (PLATE I-23) CONTINUED

2 - 15"	F50 thru F500, F700	1327 5532	-- --	-- --
2 - 18"	F1000	1327 6019	-- --	-- --
2 - 18"	F9050, F9250	-- --	-- --	1528 3633
2 - 18"	F6000	1327 6548	-- --	-- --
2 - 18"	F1050, P & PA	1327 6373	-- --	-- --
2 - 18"	F9050P, F9250P	-- --	-- --	1528 3591
2 - 22"	F5000	-- --	1530 1096	-- --
3 - 15"	B606	-- --	1530 0130	-- --
4 - 15"	F6000	-- --	1530 0312	-- --
4 - 18"	F1000, F9000	-- --	-- --	1528 3633
4 - 18"	F5000, F6000	-- --	1530 0429	-- --
4 - 18"	F8455 (E5000)	-- --	1530 0577	-- --
4 - 18"	F1000P & PA, F9000P	-- --	-- --	1528 3492
4 - 18"	F5000P, F6000P	-- --	1530 0734	-- --
4 - 22"	F1000, F9000	-- --	-- --	1528 3443
4 - 22"	F5000, F6000	-- --	1530 1096	-- --
4 - 22"	F8100, F1000P, F9000P	-- --	-- --	1528 3351
4 - 22"	F5000P, F6000P	1327 6787	-- --	-- --
4 - 22"	F100 thru F500, F700	1327 5748	-- --	-- --

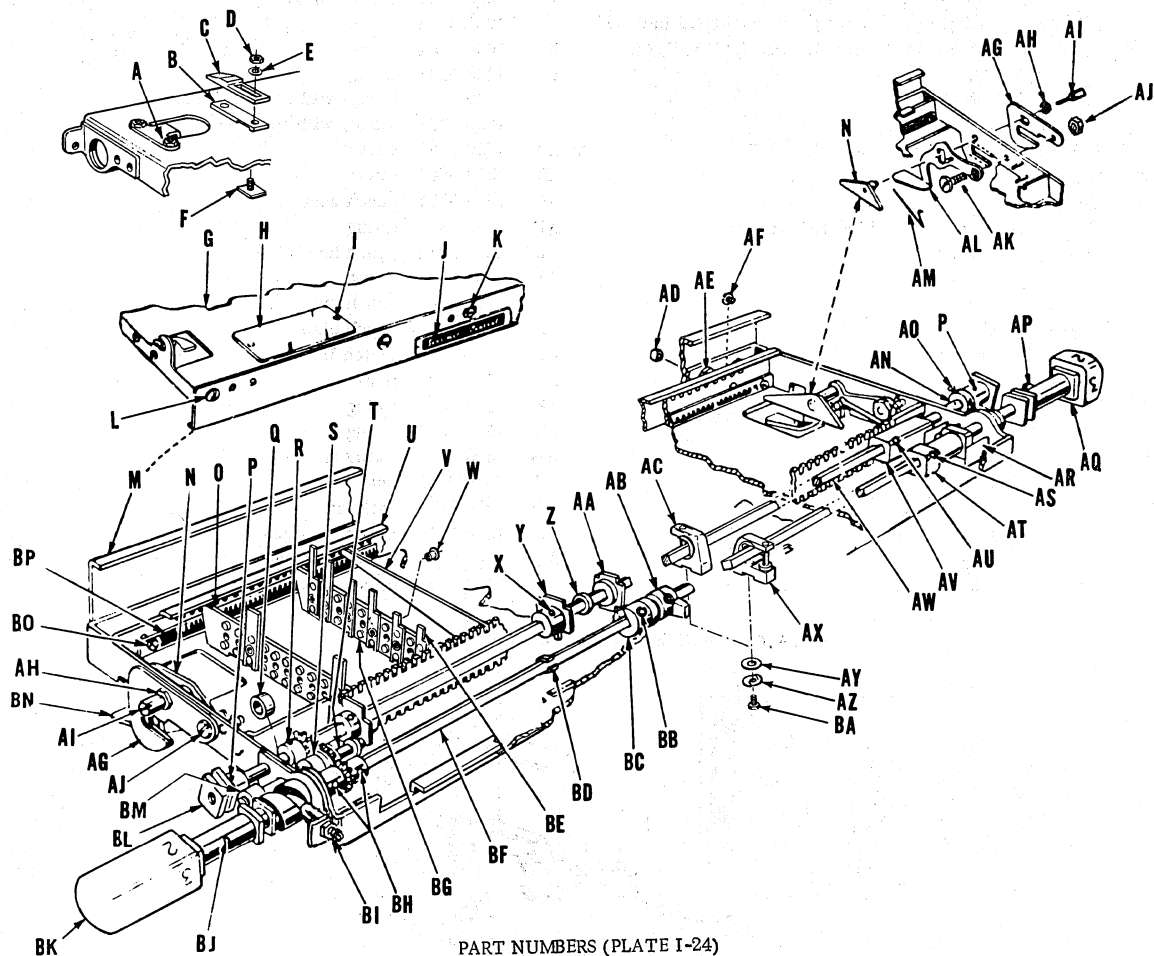
SIDE INSERTION

4 - 22"	E2000, E4000, E6000, E8000, F8100	-- --	-- --	1533 4667
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✓ COMPLETE UNASSEMBLED CONTROL UNITS
- with standard parts assembly -

<u>SCHEDULE</u>	<u>MACHINE STYLE</u>	<u>FLEXIBLE</u>	<u>NON-FLEXIBLE</u>
1 - 15"	F25	-- --	1327 5573
2 - 15"	F50 thru F500, F700	-- --	1327 5540
2 - 15"	F6000	1530 0353	-- --
2 - 18"	F6000	1530 0460	-- --
2 - 18"	F1000	1530 0619	-- --
2 - 22"	F5000	1530 1138	-- --
4 - 15"	F6000	1530 0320	-- --
4 - 15"	F100 thru F500, F700	-- --	1327 5516
4 - 18"	F5000, F6000	1530 0437	-- --
4 - 18"	F1000	1530 0643	-- --
4 - 18"	F100 thru F500, F700	-- --	1327 5698
4 - 22"	F5000, F6000	1530 1104	-- --
4 - 22"	F1000	1530 1179	-- --
4 - 22"	F100 thru F500, F700	-- --	1327 5755

Carriages

CONTROL UNIT COMPONENT PARTS (PLATE I-24)
F25 THRU F500, F700, F5000, F6000

PART NUMBERS (PLATE I-24)

A	1508 5491	repair bracket, use 1010 9650 screw (2 req.) and 1010 0378 nut (2 req.)
B	1328 2934	blank, use 1340 1203 rivet
C	1328 2942	detent
D	1010 0378	nut
E	1010 4743	washer
F	1340 5733	nut
G	Control unit pan only	
	1327 6878	for 15" F6000
	1327 6480	for 18" F5000, F6000 except F5000 with
	1327 6563	for 22" electrical lanes 26 thru 35
	1327 6811	for 18" F5000 with electrical
	1327 6753	for 22" lanes 26 thru 35
H	1303 2834	plastic, use form 3085 coupon
I	1010 6227	rivet
J	1300 4346	plate, included in M, use 1300 1524 rivet
*K	1340 2276	screw, use 1010 0428 nut
L	1340 4629	screw
*M	1327 3586	rail for 15" F6000, includes J
	1327 3495	for 18" F1000, F5000, F6000,
	1327 3511	for 22" includes J
	1327 3479	for 15" F25 thru F500, F700
	1327 3537	for 18" amber gray, includes J
	1327 3552	for 22"
	1302 9921	for 15" after serial B30374
	1302 9962	for 18" before serial B30375
	1302 9905	for 15" F50 thru F500, gray ripple, includes J
	1302 9947	for 18"
N	1303 0598	blank (right)
	1303 0614	blank (left)
O	1502 6123	reference magazine, includes 1502 6107 pins
P	1017 0942	pin, included in AW
Q	1307 5353	collar
R	1010 0626	pin, included in AW
S	1505 0677	free shroud gear
	1303 1059	stationary shroud gear, includes 1255 7617 setscrew

* When replacing rail M having 7/32" x 9/32" elongated slot or eccentric screw K having 7/32" diameter head, both rail and screw must be ordered.

PART NUMBERS CONTINUED ON NEXT PAGE

PART NUMBERS (PLATE I-24) CONTINUED

PART NUMBERS CONTINUED ON NEXT PAGE

Carriages

PART NUMBERS (PLATE I-24) CONTINUED

Pin No.	Part No.
38	1202 8932
44	1327 2059
45	1327 2067
46	1327 2075
47	1327 2083
48	1327 2091
55	1327 2109
56	1327 2117
57	1327 2125
58	1327 2133
59	1327 2144
66	1202 8940
67	1202 8957
68	1202 8965
69	1327 2158
77	1327 2166
78	1202 8973
79	1327 2174
88	1202 8981

Threaded pins for indexing mechanical lanes of control:

Pin No.	Part No.
1	1302 8485
2	1302 8493
3	1302 8501
4	1302 8519
5	1302 8527
6	1302 8535
7	1302 8543
8	1302 8550
9	1302 8568
9A	1302 8576
11	1302 8584
12	1302 8592
13	1302 8600
14	1302 8618
15	1302 8626
16	1302 8634
17	1302 8642
18	1302 8659
22	1302 8667
23	1302 8675
24	1302 8683
25	1302 8691
26	1302 8709
27	1302 8717
28	1302 8725
33	1302 8733
34	1302 8741
35	1302 8758
36	1302 8766
37	1302 8774
38	1302 8782
44	1302 8790
45	1302 8808
46	1302 8816
47	1302 8824
48	1302 8832
56	1302 8840
57	1302 8857
58	1302 8865
59	1302 8873
59A	1302 8881

66	1302 8891
67	1302 8907
68	1302 8915
69	1302 8923
69A	1302 8931
77	1302 8949
78	1302 8956
79A	1302 8964
88	1302 8972

Note: For No. 55 pin, use No. 5 pin upside down

Use with Acro Switch

Lane No.	Part No.		
34	1327 2257	riveted pin	
34	1327 2471	threaded pin	
25A-25B	1202 8841	double pin	for use with
25A	1202 8858	single pin	1327 8312 maga-
25B	1202 8866	single pin	zine, use
			1340 5972 screw
25A-25B	1327 2349	double pin	
		(threaded)	for use with
25A	1327 2356	single pin	1327 8239
		(threaded)	magazine, use
25B	1327 2364	single pin	1303 1372 screw
		(threaded)	

Use with Burroughs Switch

25A	1344 6547	
25A	1327 2307	use on right
25A	1327 2315	use on left
25A	1327 2372	use between right and left
BF	1326 7935	for 15" F6000, 4 schedule
	1326 7885	for 18" F5000, F6000,
		4 schedule
	1326 7893	for 22" F5000, F6000,
		4 schedule
	1326 7943	for 15" F6000, 2 schedule
	1326 7950	for 18" F5000, F6000
		2 schedule
	1326 7968	for 22" F5000, 2 schedule
	1302 5937	for 15" F100 thru F500, F700,
		4 schedule
	1302 5978	for 18" F100 thru F500, F700,
		4 schedule
	1302 5994	for 22" F100 thru F500, F700,
		4 schedule
	1302 5945	for 15" F50 thru F500, F700,
		2 schedule
	1302 5952	for 15" F25, 1 schedule
BG	1327 8304	magazine (illustrated) for riveted pins
	1327 8312	when lanes 25A and 25B are required
	1327 8239	for threaded pins
	1327 8338	for riveted pins, electrical lanes 26 thru 37
	1327 8205	for threaded pins, electrical lanes 26 thru 37
BH	1342 8487	spring locking pin, included in BF
BI	1526 2553	eccentric screw, use 1256 7426 lockwasher
		and 1028 7043 nut
BJ	1344 5655	spring locking pin, included in BF
BK	-- --	included in BF
BL	-- --	included in AW
BM	1505 0685	collar, use 1255 3137 clip
BN	1302 7925	blank
BO	1303 1802	screw, use 1010 0485 nut

shaft
assembly
includes
BH, BJ, BK

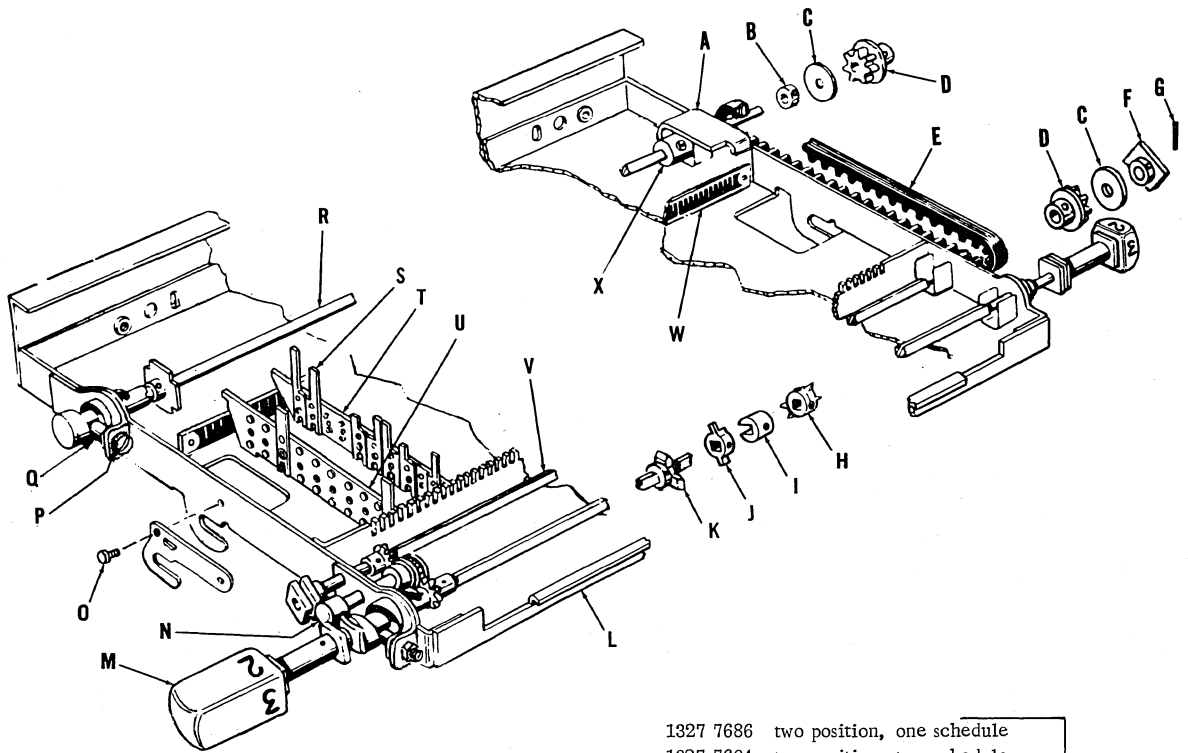
PART NUMBERS CONTINUED ON NEXT PAGE

Carriages

PART NUMBERS (PLATE I-24) CONTINUED

BP	1303 0440	for 15"	} graduated strip
	1303 0457	for 18"	
	1303 0465	for 22"	

CONTROL UNIT COMPONENT PARTS F1000 (PLATE I-25)



PART NUMBERS (PLATE I-25)

A	1328 1035	brace, includes 1010 9163 screw
B	1303 1190	collar, includes 1303 1554 setscrew
C	1328 0979	washer
D	1328 0987	gear, includes 1255 7617 screw, use 1255 7716 setscrew for belt pulley with setscrew insert
E	1338 5448	belt
F	-- --	included in V
G	1306 8044	replacement pin .053"
H	1327 7868	auxiliary stop
I	1519 6587	slip on lock collar .2" wide, includes 1303 1836 screw
J	1502 6743	reverse overlapping skip
K	1327 7637	one schedule stop
	1327 7645	for two consecutive schedules
	1327 7652	for three consecutive schedules
	1327 7660	for four consecutive schedules
	1327 7678	for two alternate schedules

1327 7686	two position, one schedule
1327 7694	two position, two schedule
1327 7702	two position, three schedule
1327 7710	two position, four schedule
1327 7728	two position, alternate schedule
1327 7736	three position, one schedule
1327 7744	three position, two schedule
1327 7751	three position, three schedule
1327 7769	three position, four schedule
1327 7777	three position, alternate schedule
1327 7785	two schedule, one position one schedule, two position next schedule
1519 6694	two schedule, two position one schedule, one position next schedule
1327 7793	three schedule, one position one schedule, two position next schedule, three position next schedule
1327 7801	four schedule, one position one schedule, two position next schedule, three position next schedule, four position next schedule

1/10"
tab stops
includes
1303 1836
screw

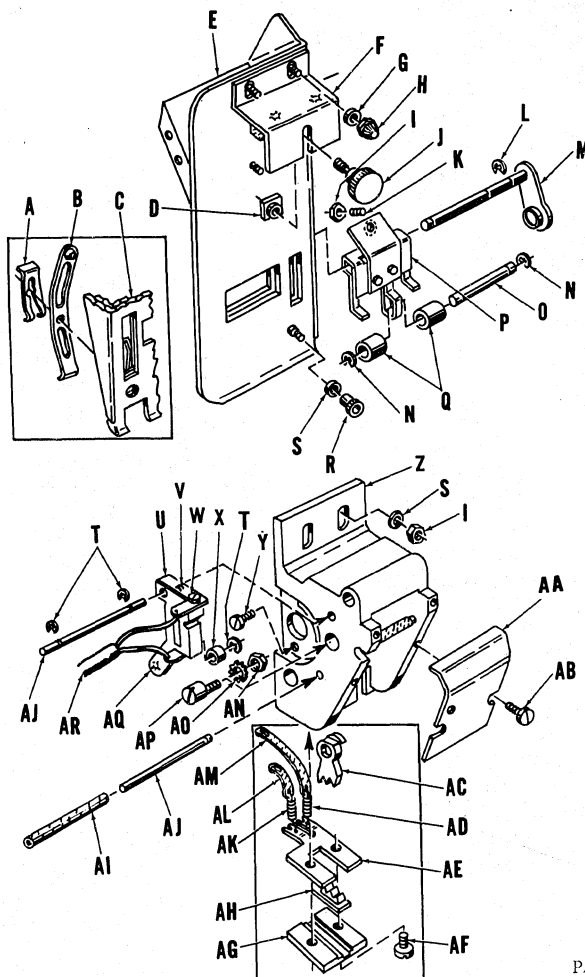
PART NUMBERS CONTINUED ON NEXT PAGE

Carriages

PART NUMBERS (PLATE I-25) CONTINUED

	1519 6595	reverse entry one schedule		N	1328 1134	shaft assembly before free shroud gear, includes 1337 6330 collar and 1255 7567 setscrew. Use 1342 8487 pin before set-screw
	1519 6603	reverse entry two schedule		O	1328 1050	screw
	1519 6611	(reverse entry and one) two schedule		P	1027 7507	screw
	1519 6629	(reverse entry, one, reverse entry) three schedule	1/10" tab stops (.1" wide)	Q	1342 8297	shoulder nut
	1519 6637	(one, two, reverse entry) three schedule	includes 1303 1836 screw	R	1326 8412	shaft for 18"
	1519 6645	(one schedule)			1326 8446	for 22"
	1519 6652	(two schedule)		S	1327 2182	pin for lane 25A, use 1340 4280 screw
	1519 6660	(three schedule)		T	1327 8189	magazine
	1519 6678	(four schedule)			1327 8247	when lane 25A is required
	1519 6686	(opposite schedule)		U	1502 6115	reference magazine, includes 1502 6107 pins
L	1523 0873	shim for 1/10" wide stops		V	1326 8396	shaft for 18"
	1327 5961	for 18"	pan only		1326 8420	for 22" includes F and G
	1327 6050	for 22"		W	1327 4501	graduated strip, for 18"
M	1326 7869	for 18"	four schedule stop shaft, for machines with control panel guides		1327 4519	for 22"
	1326 7851	for 22"	four schedule, for machines without control panel guides	X	1303 1117	collar, includes 1255 7617 screw
	1326 7810	for 18"				
	1326 7828	for 22"				
	1326 7877	for 18"	two schedule, for machines with			

A.F.A.C. - FORM GUIDES, E.S.L. AND A.S.R. (PLATE I-26)



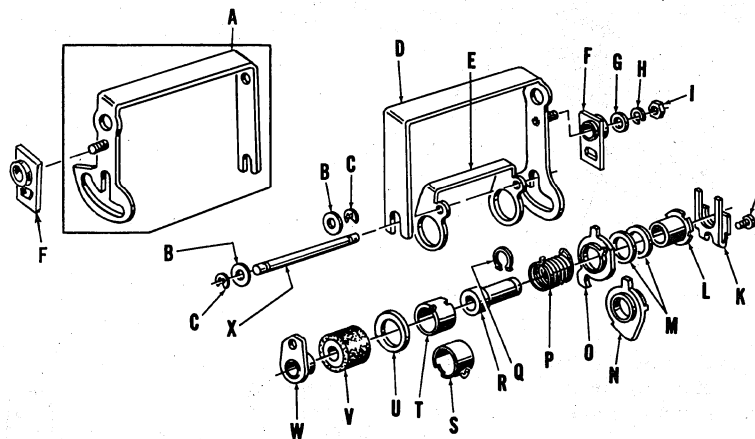
PART NUMBERS ON NEXT PAGE

Carriages

PART NUMBERS (PLATE I-26)

1506 3068	complete right form guide assembly, includes A, B, C, I, K, L, M, O thru S, Y, AC thru AH, AK thru AP	T	1255 3095	clip
1506 3076	complete left form guide assembly, includes E, I, K, L, M, O thru R, T, U, V, W, X, Y, AI, AJ, AN thru AR	U	1506 1989	switch contact
A	1507 9270	V	1505 6955	contact wire
B	1507 9262	W	1256 0116	screw
C	1506 2177	X	1506 1351	spacer
✓ D	1303 0028	Y	1256 0215	screw
E	1506 2169	✓ Z	1529 5231	block, without read head
F	1505 8209		1529 5363	block, with read head
G	1315 7995	✓ AA	1529 5967	cover
H	1507 0345	AB	1256 0843	screw
I	1341 9734	AC	1505 5684	punch gear
J	1506 1690	AD	1026 9371	spring
K	1255 7757	AE	1506 1914	punch hold plate
L	1507 0170	AF	1256 0348	screw
M	1507 0279 for E, S, L, pressure roll release	AG	1506 1864	punch guide
	1507 0261 for A, S, R, pressure roll release	AH	1506 9412	punch blade
N	1255 3103	AI	1506 1963	switch limit
O	1506 1492	AJ	1506 1484	shaft
P	1506 1906	AK	1343 0681	spring
✓ Q	1529 2337	AL	1507 0600	spring anchor
R	1506 1716	AM	1506 2961	spring anchor
S	1256 7996	AN	1010 0378	nut
		AO	1337 2214	lockwasher
		AP	1340 1757	eccentric screw
		AQ	1506 2037	switch housing
		AR	1506 3332	cord assembly

A.F.A.C. - SENSORS AND BRAKE ASSEMBLY (PLATE I-27)

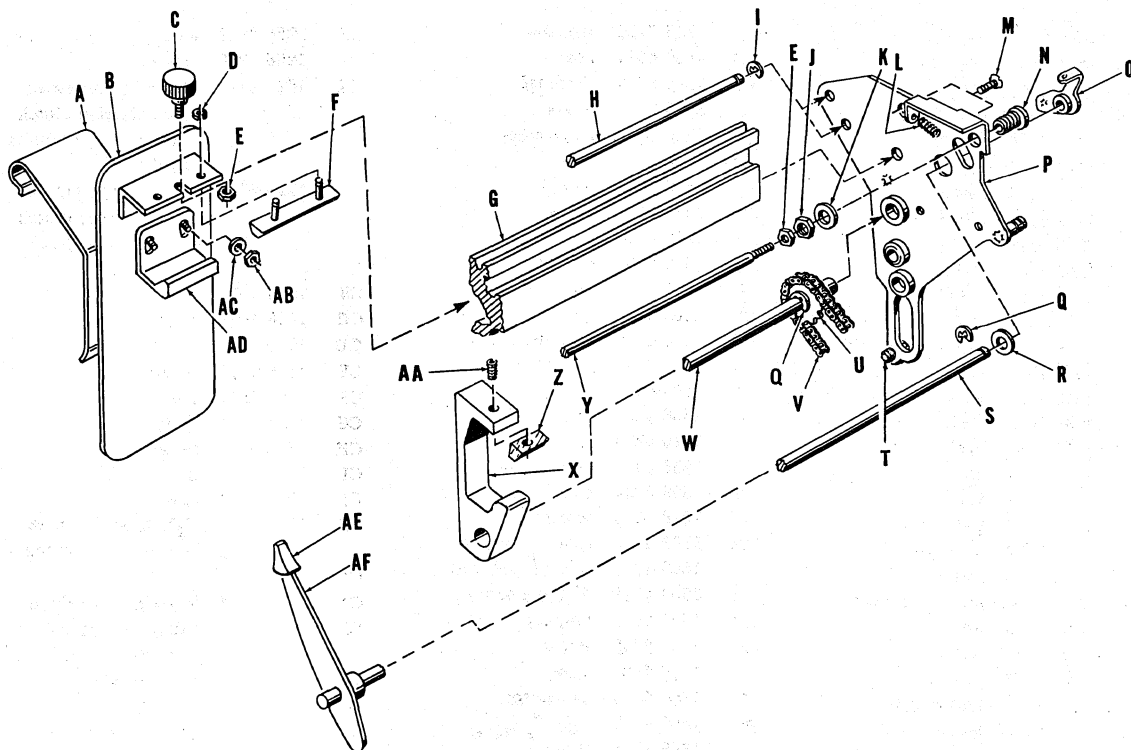


PART NUMBERS (PLATE I-27)

A	1506 2029	bail, pressure roll release, includes G, H, I, Y	N	1506 2011	sensor (alignment)
B	1337 1877	washer	O	1506 1922	sensor (eject)
C	1255 3129	clip	P	1506 1369	brake spring
D	1506 3001	bail, pressure roll release, includes F, G, H, I	Q	1507 1558	(.024 thick) ring
E	1506 1765	actuator shaft support		1507 1566	(.028 thick) ring
✓ F	1529 1412	adjusting bracket	R	1506 1807	drum
G	1506 7515	washer	S	1506 2003	brake cover (A.S.R.)
H	1256 7426	lockwasher	T	1506 1872	brake cover (E.S.L.)
I	1341 9734	nut	U	1505 6930	limit ring
✓ J	1529 2147	screw	V	1505 8738	feed roll
K	1507 1541	clamp	W	1506 1815	feed roll bracket
L	1507 1533	brake housing	X	1506 1476	actuator shaft
M	1506 1377	(.010 thick) shim			
	1505 6716	(.020 thick) shim			

Carriages

A.F.A.C. - LEFT CAGE END PLATE AND CENTER GUIDE (PLATE I-28)

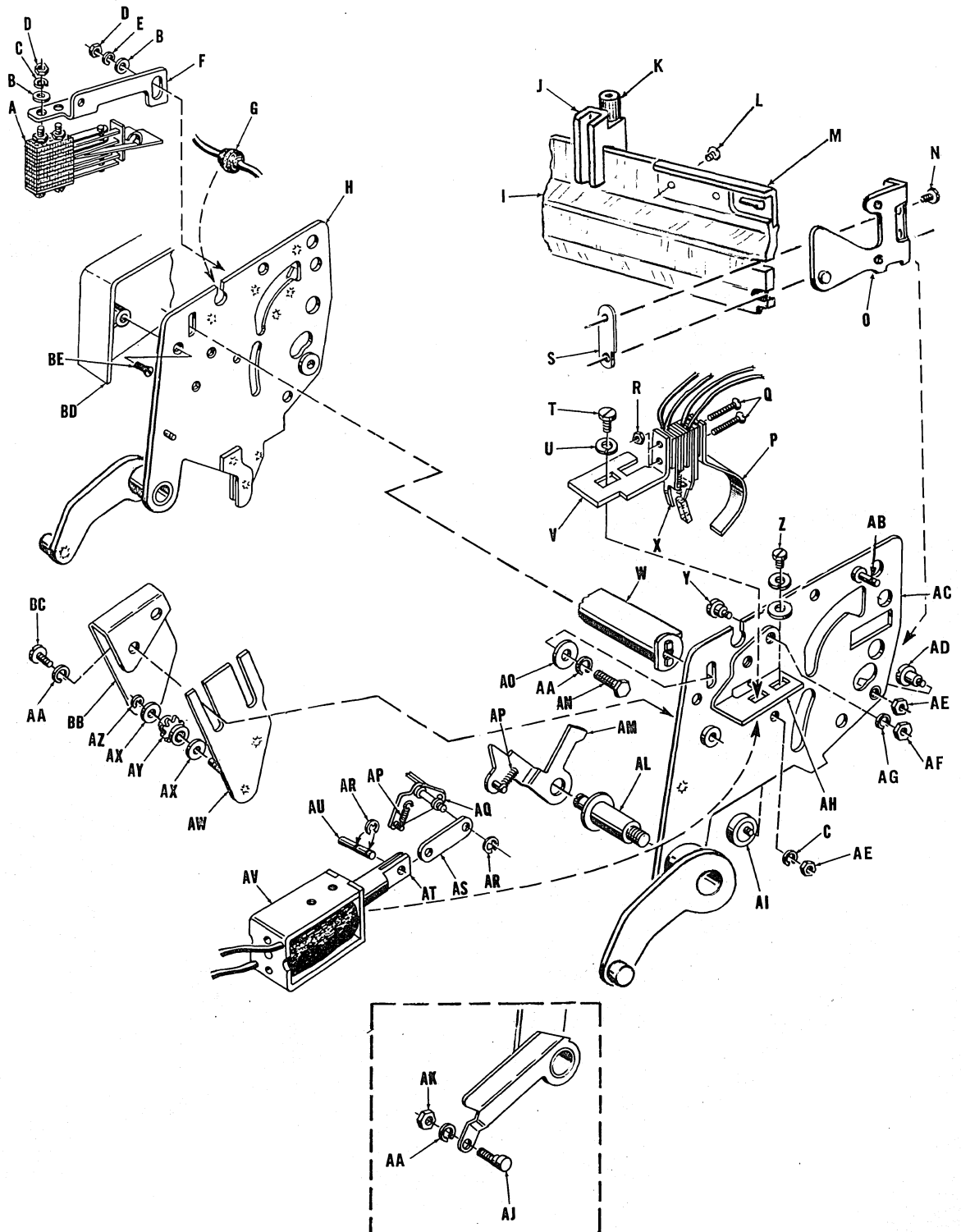


PART NUMBERS (PLATE I-28)

A	1506 2110	approx. 2 3/8" long	front deflector
	1506 0064	plastic, approx. 4 1/4" long	
B	1506 3019	approx. 4" long	rear deflector
	1507 3661	approx. 5" long	
C	1506 1690	thumb screw	
D	1255 3095	clip	
E	1010 0378	nut	
F	1506 5923	aux. runner	
G	1506 3126	for 18" cge.	tie bar
	1506 2987	for 22" cge.	
✓ H	1524 4544	for 18" cge.	support shafts
	1506 1468	for 22" cge.	
I	1255 3129	clip	
J	1256 5792	nut	
K	1303 9854	washer, also use 1010 3927 washer on style 2B cge.	
L	1027 1971	spring	
M	1255 4739	screw	
N	1506 2920	flanged nut	
O	1506 2102	left side	spring anchor arm
	1506 2094	right side	
P	1506 2581	left side	cage end plate
	1506 2565	right side	
Q	1255 3145	clip	
R	1506 2847	spacer	
S	1506 3449	for 18" cge.	pressure roll control shaft
	1524 2910	for 18" cge., improved closing	
	1506 2896	for 22" cge.	
	1505 7946	for 22" cge., improved closing	
T	1505 7557	eccentric screw, use 1505 7540 roller, 1256 7434 lockwasher, 1010 0378 nut	
U	1506 2839	sprocket, use 1506 2862 spacer	
V	1506 4256	chain	
W	1505 8340	7" long	feed roll shafts, use 1506 2854 bearing
	1505 8324	8 1/2" long	
	1505 9884	9.2" long	
	1505 8258	11" long	
	1505 9892	12.8" long	
	1505 8332	13 1/2" long	
	1506 3183	18" long	
	1505 8225	22" long	
X	1506 2078	support before serial F165762P. Use 1505 7003 support collar, 1255 7898 setscrew after serial F165761P	
Y	1506 3142	for 18" cge.	cord support shaft
	1506 2904	for 22" cge.	
Z	1506 1443	support runner	
AA	1001 5006	setscrew	
AB	1341 9734	nut	
AC	1256 7996	washer	
AD	1506 1773	bracket	
AE	1331 4026	keytop	
AF	1506 2656	actuator arm	

Carriages

A.F.A.C. - AUXILIARY SIDE FRAMES (PLATE I-29)



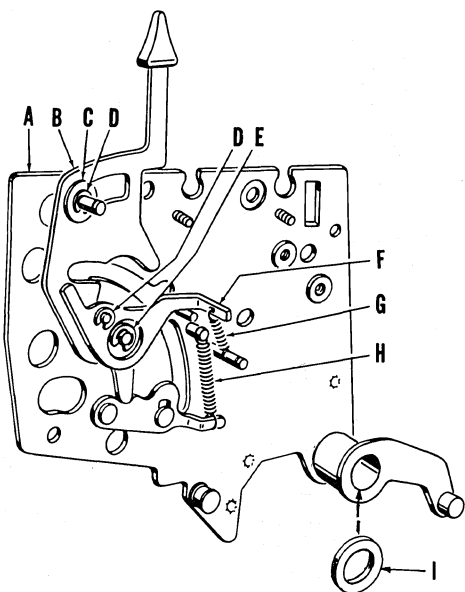
PART NUMBERS ON NEXT PAGE

Carriages

PART NUMBERS (PLATE I-29)

A	1506 3274	switch	AD	1506 2771	screw
B	1256 8002	washer	AE	1506 2813	nut
C	1256 7459	lockwasher		1505 9652	nut, for improved cge. closing
D	1256 5743	nut	AF	1256 5230	nut
E	1256 7442	lockwasher	AG	1256 7434	lockwasher
F	1506 3027	switch bracket	AH	1506 2672	bracket
G	1341 5930	grommet	AI	1506 4884	eccentric limit
H	-- --	see IMPROVED CARRIAGE CLOSING MECHANISM	AJ	1506 2680	eccentric screw
I	1507 0212	for 18" cge.	AK	1256 5792	nut
	1507 0204	for 22" cge.	AL	1506 2755	shoulder screw
J	1507 0220	guide	AM	1506 5725	right } brake plate, use
K	1507 0246	nut, use 1507 0238 clamp		1506 5717	left } 1255 3186 clip
L	1343 0343	screw	AN	1194 0574	screw
M	1507 0188	right } guide brace	AO	1506 7366	washer
	1507 0196	left }	AP	1341 0139	spring
N	1010 5393	screw	AQ	1507 0352	for 18" cge.
O	1506 2045	right } bracket		1505 8316	for 22" cge.
	1506 2052	left }	AR	1255 3145	clip
P	1507 3174	switch guard	AS	1507 0337	link
Q	1256 0306	screw	AT	1506 2730	plunger
R	1256 5198	nut	AU	1506 2664	pin
S	1506 1955	retainer plate	AV	1340 7341	solenoid
T	1256 1080	screw	AW	1506 2722	right } adjustable plate
U	1256 7459	lockwasher		1506 3092	left }
V	1507 3182	switch bracket	AX	1337 9169	spacer
W	1524 2985	tube tear off blade for 18" cge.	AY	1506 2805	sprocket
	1505 8811	tube tear off blade for 22" cge.	AZ	1255 3129	clip
X	1507 3315	switch	BB	1505 8233	right } chain guard
Y	1304 1017	screw		1505 8241	left }
Z	1507 3299	screw, use 1303 9854 washer and 1256 7467 lockwasher	BC	1256 1098	screw
AB	1529 2642	repair stud, use 1256 7418 lockwasher, 1256 5198 nut	BD	1506 2219	right side
AC	1205 8004	left side frame		1525 9161	left side
				1505 7607	right side with improved cge. closing
			BE	1255 4549	screw

A.F.A.C. - IMPROVED CARRIAGE CLOSING MECHANISM (PLATE I-30)

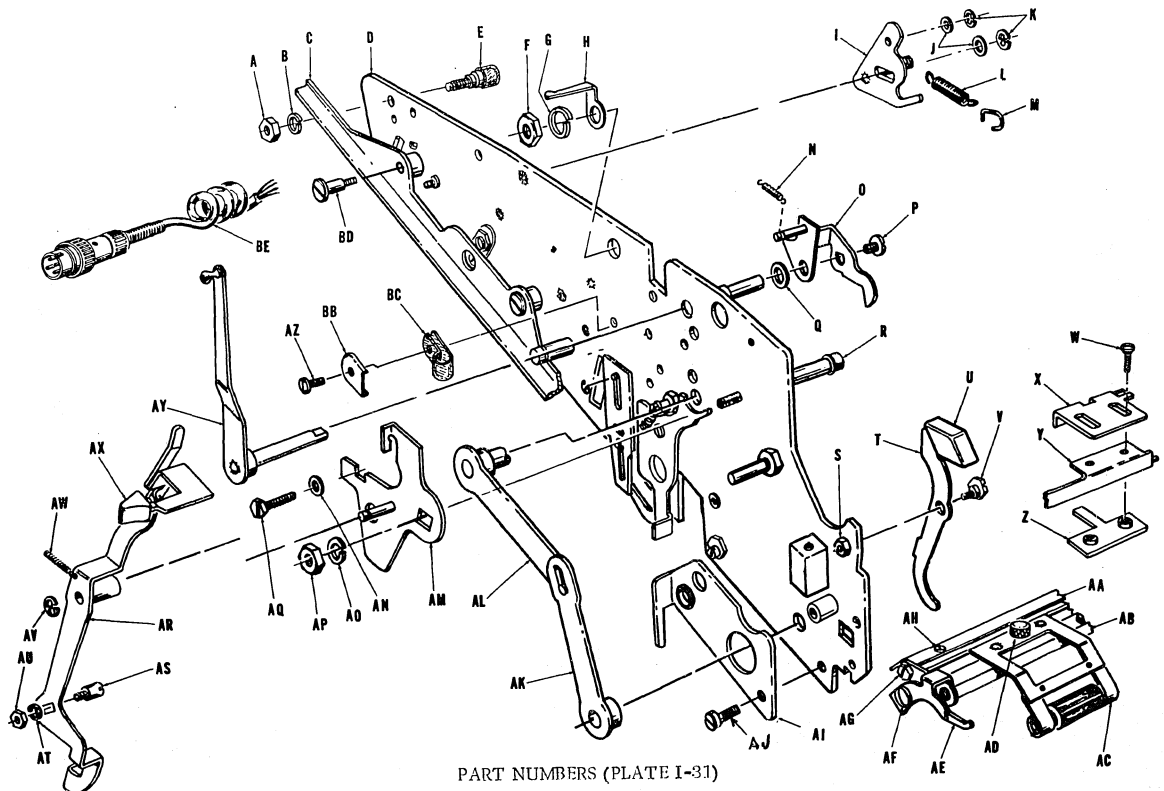


PART NUMBERS (PLATE I-30)

A	1529 0950	right side frame
B	1205 8020	switch lever
C	1010 8736	washer
D	1255 3145	clip
E	1255 3152	clip
F	1205 8012	switch actuator
G	1027 6319	spring
H	1026 9439	spring
I	1507 3646	spacer

Carriages

A.F.A.C. - LEFT END PLATE ASSEMBLY (PLATE I-31)

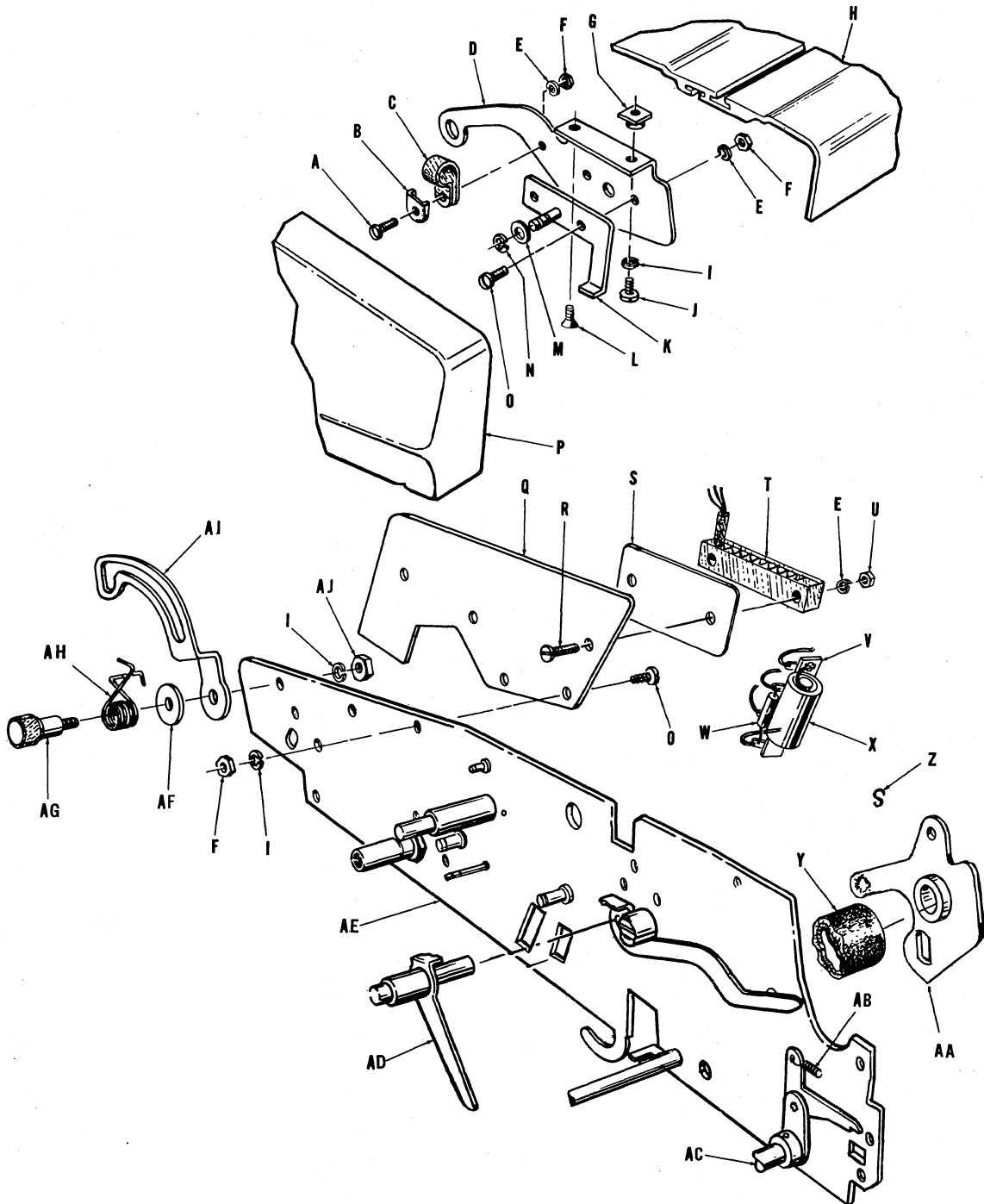


PART NUMBERS (PLATE I-31)

A	1256 5263	nut		
B	1256 7459	lockwasher		
C	1506 5691	left side	guide strip	
	1506 5709	right side		
D	1506 2268	end plate		
E	1506 4249	shoulder post, use 1303 3246 rubber cover		
F	1257 3978	nut		
G	1256 7491	lockwasher		
H	1507 3307	spring anchor		
I	1506 2714	left side	latch	
	1506 2706	right side		
J	1506 2763	washer		
K	1255 3145	clip		
L	1321 8375	spring		
M	1026 6252	spring anchor		
N	1027 2821	spring		
O	1506 2789	release bail		
P	1340 7804	screw		
Q	1337 8419	washer		
R	1506 2334	eccentric post		
S	1010 0360	nut, use 1256 7434 lockwasher		
T	1526 2538	lever, includes 1526 2496 keytop, beige 129		
U	1327 8577	keytop, beige 125		
V	1340 2342	eccentric screw		
W	1010 8983	screw		
X	1507 3455	bracket		
Y	1507 3414	for 18" cge.	release bail, pressure roll	
	1507 3422	for 22" cge.		
Z	1507 3463	bracket guide		
AA	1506 3167	tear off blade for 18" cge.		
AB	1506 3175	for 18" cge.	support bar	
	1505 8787	for 22" cge.		
AC	1506 2086	pressure roll assembly		
AD	1017 2062	knurled screw		
AE	1506 2235	left side	bracket	
	1505 6922	right side		
AF	1341 7225	shoulder screw, use 1256 7434 lockwasher, 1010 0386 nut		
AG	1304 2775	screw, use 1256 7434 lockwasher		
AH	1256 0330	screw		
AI	1507 3166	bracket		
AJ	1340 5196	screw		
AK	1506 3134	for 18" cge.	cge. open and close assembly	
	1506 2185	for 22" cge.		
AL	1302 6067	cam assembly		
AM	1507 3190	plate		
AN	1010 4982	washer		
AO	1256 7475	lockwasher		
AP	1256 5297	nut		
AQ	1025 9943	screw		
AR	1507 3232	switch actuator		
AS	1507 3281	screw		
AT	1256 7434	lockwasher		
AU	1256 5230	nut		
AV	1255 3152	clip		
AW	1306 8184	spring		
AX	1331 4026	keytop		
AY	1506 2953	lever		
AZ	1256 0876	screw		
BB	1337 2180	"D" washer		
BC	1323 9397	cable clamp		
BD	1340 4058	screw		
BE	1506 3316	line cord		

Carriages

A.F.A.C. - RIGHT END PLATE ASSEMBLY (PLATE I-32)



PART NUMBERS ON NEXT PAGE

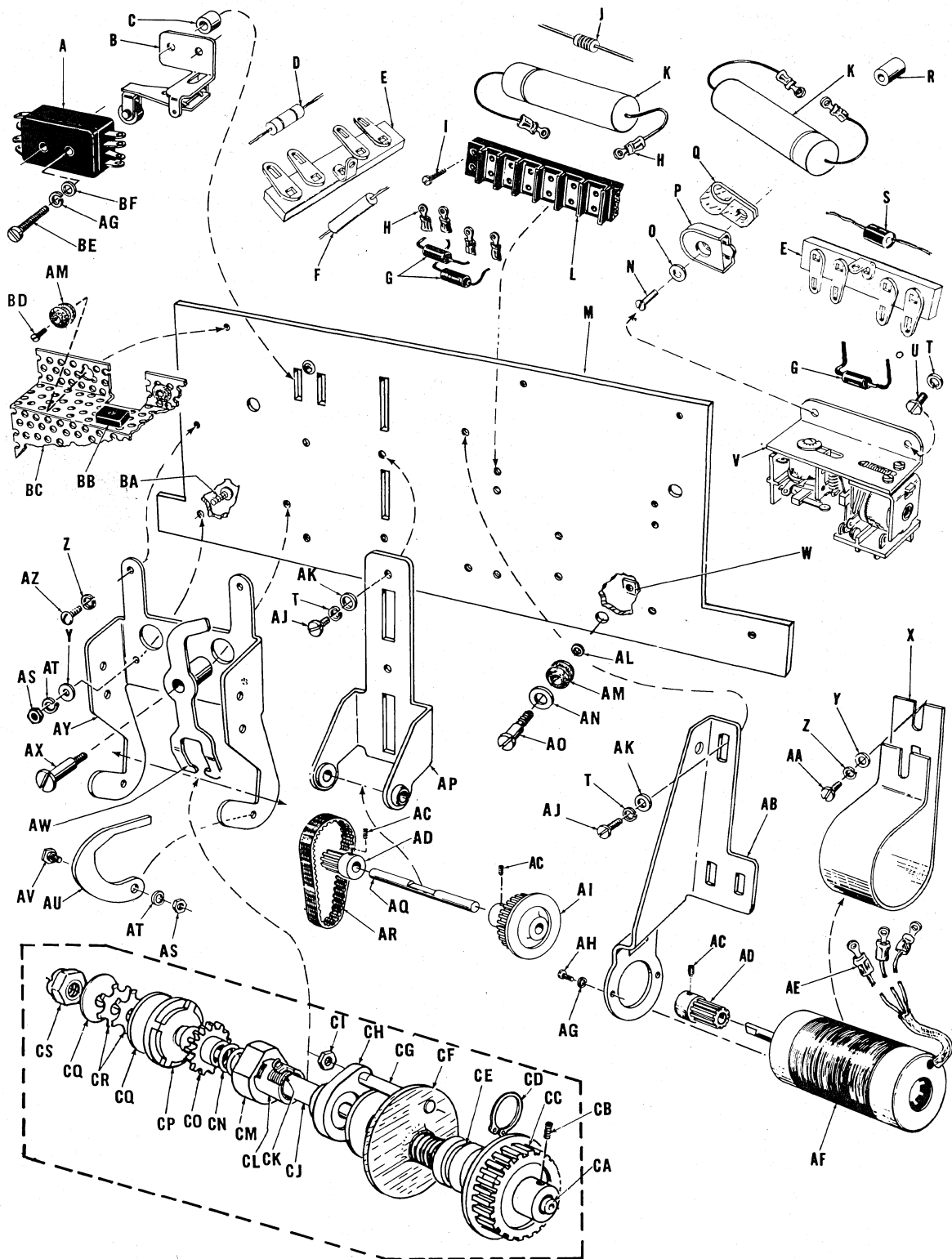
Carriages

PART NUMBERS (PLATE I-32)

A	1344 6240	screw		S	1341 9874	insulator
B	1337 2180	"D" washer		T	1341 9841	terminal block
C	1323 9371	cable clamp		U	1256 5206	nut
D	1506 4082	right side	] pivot bracket	V	1338 9598	terminal board
	1506 4090	left side		W	1265 8555	resistor
E	1256 7442	lockwasher		X	1341 3182	capacitor
F	1256 5248	nut		Y	1326 6549	for 18" cge.
G	1506 3928	nut			1326 6762	for 22" cge.
H	1506 4223	for 18" cge.	] rear cover	Z	1506 1385	spring anchor
	1506 4074	for 22" cge.		AA	1524 3462	right side
I	1256 7459	lockwasher			1526 2074	left side
J	1256 1098	screw		AB	1027 6319	spring, use 1026 6351 spring anchor
K	1506 4116	right side	] stop bracket	AC	1506 3134	for 18" cge.
	1506 4124	left side			1506 2185	for 22" cge.
L	1255 5223	screw		AD	1506 2698	interlock
M	1337 1687	washer		AE	1506 2284	end plate
N	1255 3145	clip		AF	1342 6630	washer
O	1256 0850	screw		AG	1506 4249	shoulder post, use 1303 3246 rubber cover
P	1506 1575	right side	] cge. end cover, use	AH	1506 4264	spring
	1506 1567	left side		AI	1506 4231	latch
Q	1506 3506	mounting plate		AJ	1256 5263	nut
R	1256 0371	screw				

Carriages

✓ A.F.A.C. POWER PLATE ASSEMBLY (PLATE I-33)



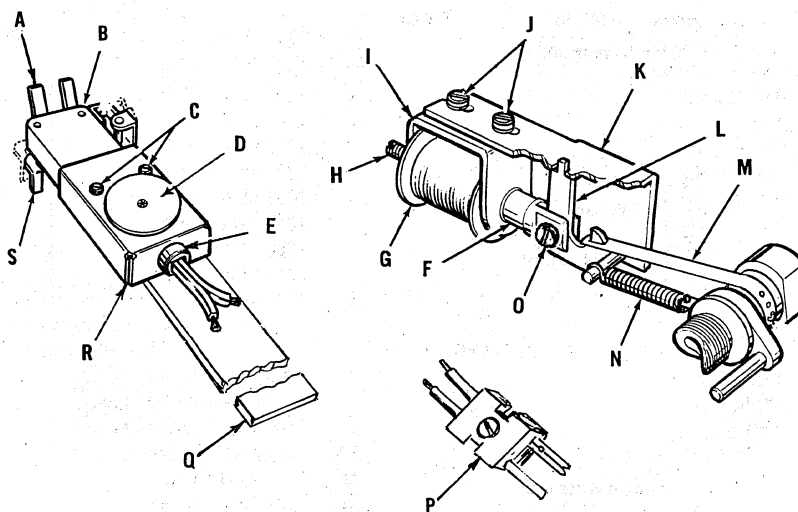
PART NUMBERS ON NEXT PAGE

Carriage

PART NUMBERS (PLATE I-33)

A	1506 3399	switch	AC	1255 7724	setscrew	BE	1256 0413	screw
B	1506 3407	actuator	AD	1506 4041	gear	BF	1256 7996	washer
C	1337 5688	spacer	AE	1311 8583	terminal	CA	1529 3731	Complete improved screw friction clutch (right hand), includes CA thru CS
D	1265 9025	resistor	AF	1506 3282	motor		1529 3749	Complete improved screw friction clutch (left hand) includes CA thru CS
E	1506 5238	terminal board	AG	1256 7426	lockwasher			
F	1265 0495	capacitor	AH	1256 0330	screw			
G	1340 2656	diode	AI	1506 4033	pulley			
H	1343 1374	terminal	AJ	1316 5105	screw			
I	1256 0348	screw	AK	1256 8036	washer			
J	1265 8381	resistor	AL	1303 9854	washer			
K	1506 3290	capacitor	AM	1341 9106	grommet	CB	1255 7724	setscrew
L	1338 9275	terminal board	AN	1506 5170	washer	CC	1506 4033	pulley
M	1506 4215	right } mounting	AO	1506 4199	shoulder screw	CD	1255 1958	clip
	1506 4298	left } plate	AP	1506 3993	bracket	CE	1506 3662	bearing
N	1256 1155	screw	AQ	1506 4058	shaft	CF	1524 3538	plate
O	1256 8028	washer	AR	1506 4140	belt	CG	1506 3621	shaft
P	1505 5254	"D" washer	AS	1010 0386	nut	CH	1506 3613	bearing
Q	1323 9322	clamp	AT	1256 7434	lockwasher	CI	1010 0378	nut
R	1017 3961	spacer	AU	1506 3944	cam	CJ	1506 6954	tube
S	1341 3182	capacitor	AV	1018 0032	screw	CK	1506 1369	right hand } brake
T	1256 7459	lockwasher	AW	1506 4009	right } switch		1506 7309	left hand } spring
U	1256 1072	screw		1506 4736	left } actuator	CL	1506 5493	cover
V	1506 3308	relay assembly	AX	1506 4017	shoulder screw	CM	1506 3597	bearing brake drum
W	1506 3928	nut	AY	1506 3977	bracket	CN	1337 8823	shim, as required
X	1506 3936	collar	AZ	1256 0835	screw	CO	1506 3894	sprocket
Y	1256 8002	washer	BA	1025 7996	screw	CP	1506 3589	friction plate
Z	1256 7442	lockwasher	BB	1506 5220	connector	CQ	1010 4800	washer
AA	1256 0850	screw	BC	1506 4108	right } screw	CR	1315 7862	compression spring
AB	1506 4066	right } mounting		1506 4348	left } screw	CS	1321 2907	nut
	1506 4306	left } bracket	BD	1316 5204	screw			

✓ A.F.A.C. - ALIGNMENT DETECTOR SWITCH AND BRAKE (PLATE I-34)



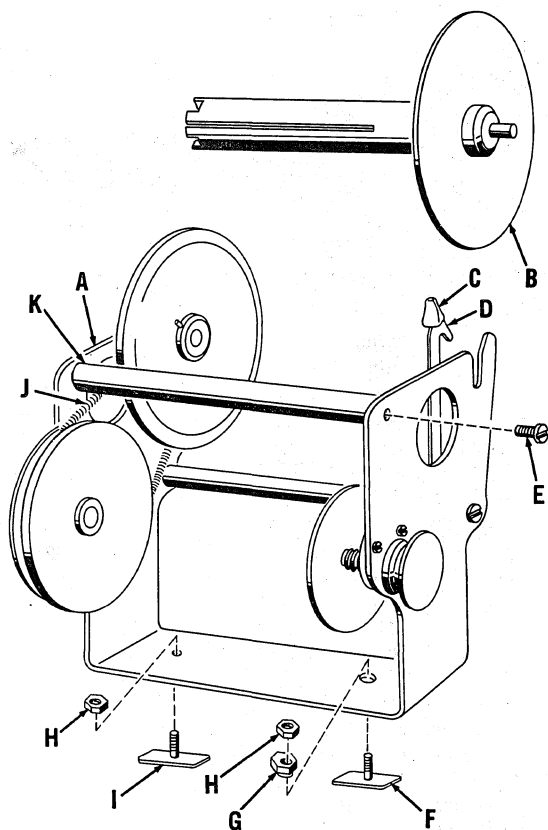
PART NUMBERS ON NEXT PAGE

PART NUMBERS (PLATE I-34)

	1506 5634	complete alignment detector switch assembly, includes A thru E, P, R, S	J	1256 0835	screw, use 1256 7442 lockwasher
A	1506 5295	switch bracket, use 1506 5311 insulator, 1507 1947 insulating paper	K	1506 5519	left side
				1506 5501	right side
B	1506 5253	switch only			mounting bracket, use 1256 0850 screw, 1256 7442 lockwasher, 1256 5248 nut
	1506 3431	switch assembly, includes P	L	1506 5527	actuating link
C	1256 0165	screw, use 1256 7400 lockwasher	M	1506 5477	brake cable
D	1506 5352	thumb screw	N	1027 6590	spring
E	1506 5568	grommet	O	1256 0348	screw, use 1341 9734 nut
F	1510 4540	plunger, use 1326 1540 sleeve	P	1506 5212	male plug
G	1326 1664	coil	Q	1506 5378	for 7" to 9" limit
H	1326 1516	adjusting screw, use 1028 7514 spacer, 1256 7749 lockwasher, 1256 5289 nut		1506 5394	for 12" limit
I	1326 1524	bracket	R	1506 5329	switch cover
			S	1506 5303	switch actuator

REWIND DEVICE (PLATE I-35)

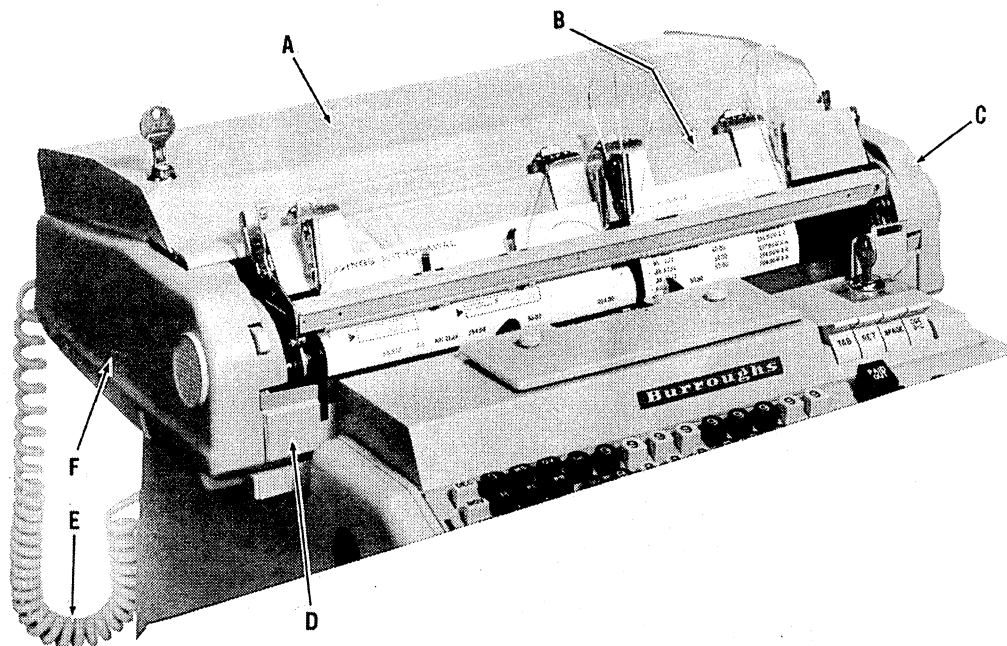
PART NUMBERS (PLATE I-35)



A	1209 9099	complete rewind device, includes A thru K
B	1209 9321	rewind spindle
C	1331 4026	keytop
D	1209 9198	latch, use 1209 9214 clip
E	1256 1296	screw
F	1209 9305	clamp
G	1209 9297	eccentric
H	1256 5230	nut
I	1206 0075	clamp
J	1209 9263	spring
K	1209 9123	shaft

Carriages

REWIND CARRIAGE (PLATE I-36)

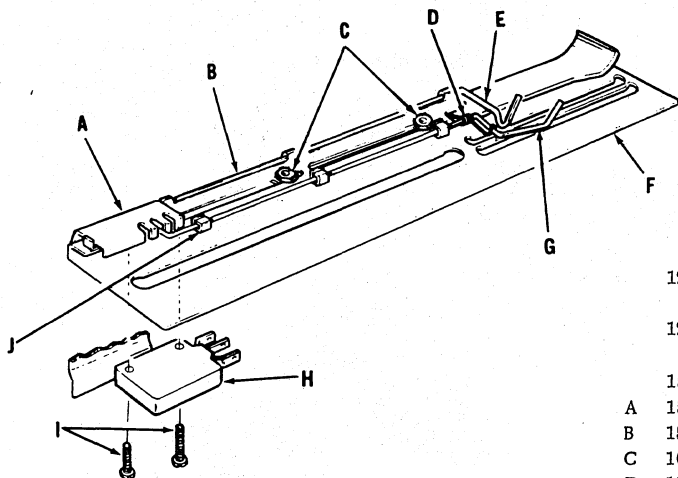


PART NUMBERS (PLATE I-36)

	1211 3007	complete assembled 15" carriage, includes rails, bearings, etc.	
	1211 3015	complete assembled 18" carriage, includes rails, bearings, etc.	
A	1509 8148	for 15"	} cover
	1211 0631	for 18"	
B	1327 0764	for 15"	} tear off blade
	1327 0699	for 18"	
C	1509 8882	cover, use 1256 0546 screws	
D	1327 0277	for 15"	} flexible form support
	1327 0194	for 18"	
E	1212 1513	coiled cord, includes pin connector	
F	1509 8890	cover, use 1256 0546 screws	

Carriages

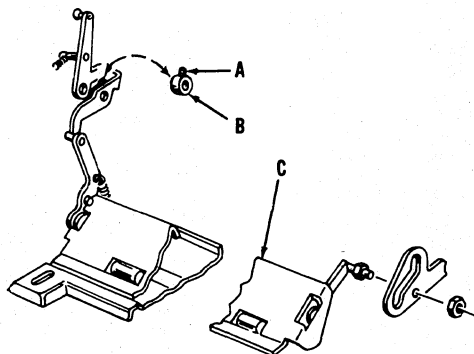
RIGHT FORM CHUTE - REWIND CARRIAGE (PLATE I-37)



PART NUMBERS (PLATE I-37)

1209 2235	complete rear form chute assembly 15", includes 1509 6415 rear form chute table
1209 2243	complete rear form chute assembly 18", includes 1503 0059 rear form chute
1509 3412	complete right form chute Style 2A (shown)
A 1509 3495	actuator, includes E
B 1509 3529	bracket
C 1010 0378	nut
D 1509 3438	torsion bar
E -- --	included in A
F 1509 3404	form chute
G 1509 3420	interlock
H 1343 1242	switch
I 1256 0173	screw, use
	1256 5180 nut
	1320 9192 spacer
J 1509 3511	bracket

PRESSURE ROLL RELEASE BAIL - REWIND CARRIAGE (PLATE I-38)

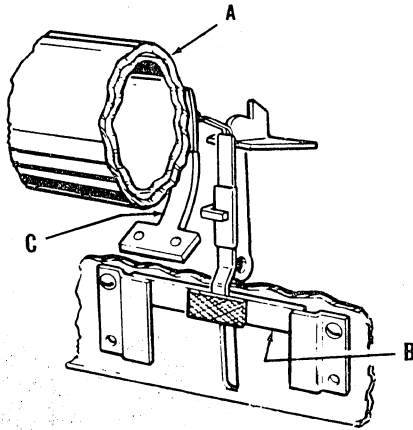


PART NUMBERS (PLATE I-38)

A 1255 7849	setscrew
B 1025 8465	collar
C 1509 7116	journal pan, 15"
1209 2110	journal pan, 18"

Carriages

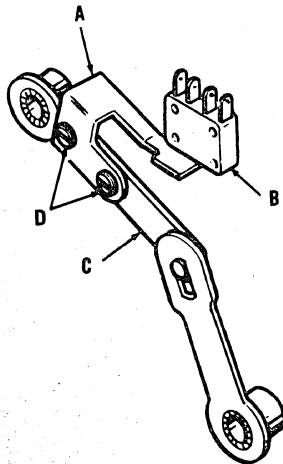
PASS BOOK DETECTION SWITCH - REWIND CARRIAGE (PLATE I-39)



PART NUMBERS (PLATE I-39)

A	1209 2128	platen assembly, 15"
	1209 2292	platen assembly, 18"
B	1509 7058	contact assembly
C	1509 7108	contact and guide assembly

CARRIAGE OPEN SIGNAL SWITCHES - REWIND CARRIAGE (PLATE I-40)

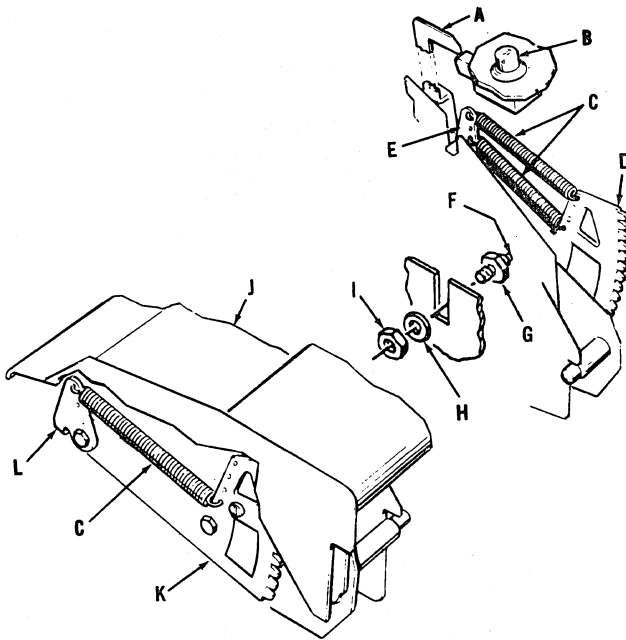


PART NUMBERS (PLATE I-40)

A	1524 0724	switch actuator, left
	1212 1547	switch actuator, right
B	1341 2036	switch, use
	1255 3103	clip
C	1302 8998	link, left
	1212 1521	link, right
D	1256 0520	screw, use
	1010 4552	washer

Carriages

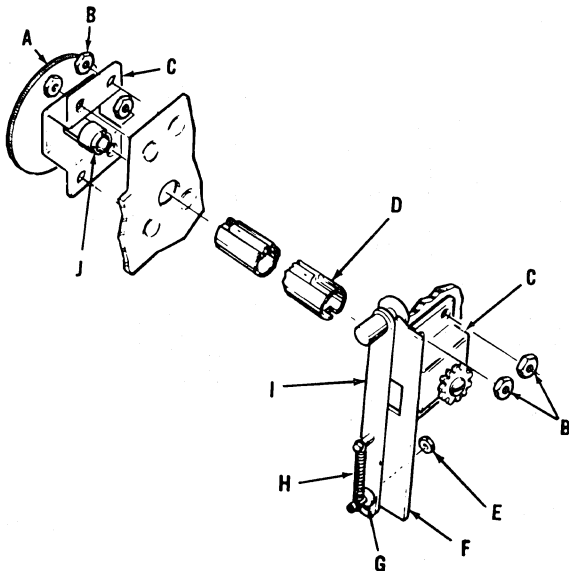
REWIND PAPER COVER AND SECTORS - REWIND CARRIAGE (PLATE I-41)



PART NUMBERS (PLATE I-41)

A	1509 9021	latch, use		
		1010 7142 screw		
		1337 1364 washer		
		1256 7434 lockwasher		
		1010 0386 nut		
B	-- --	Lock Assemblies		
		<u>Combination</u>	<u>Lock</u>	<u>Key</u>
		CV800	1509 9468	1509 9414
		CV801	1509 9377	1509 9427
		CV802	1509 9385	1509 9435
		CV803	1509 9393	1509 9443
		CV804	1509 9401	1509 9450
C	1509 8007	spring		
D	1509 9302	sector		
E	1509 8056	spring anchor		
F	1509 9344	ball plunger		
G	1256 5438	nut		
H	1337 1893	washer		
I	1338 7394	nut		
J	1509 8148	cover, 15"		
	1211 0631	cover, 18"		
K	1509 8098	sector		
L	1509 8049	spring anchor		

ROLL PAPER REWIND - REWIND CARRIAGE (PLATE I-42)

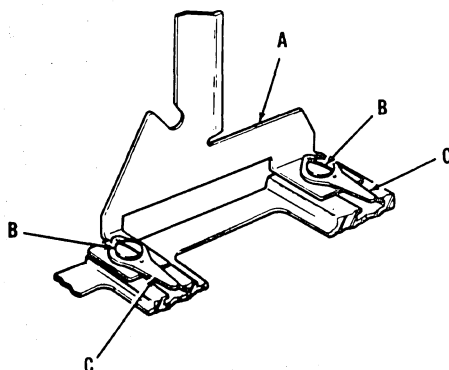


PART NUMBERS (PLATE I-42)

A	1509 6977	twirler, use		
		1017 9919 screw		
B	1256 5289	nut, use		
		1337 1802 washer		
		1256 7467 lockwasher		
C	1509 6944	bracket		
D	1509 7512	spool, 15"		
	1503 0018	spool, 18"		
E	1010 0378	nut		
F	1509 7314	bracket		
G	1509 7371	spring post, use		
		1337 1364 washer		
H	1341 0246	spring		
I	1509 7363	link		
J	1524 4197	pilot shaft		

Carriages

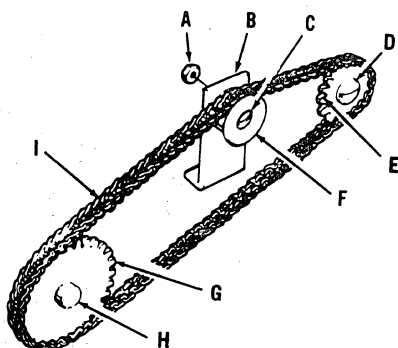
REWIND JOURNAL ROLL HOLDER - REWIND CARRIAGE (PLATE I-43)



PART NUMBERS (PLATE I-43)

A	1509 6993	holder, right
	1509 7009	holder, left
B	1509 9336	screw, use
	1010 3927	friction washer
C	1509 6472	lever

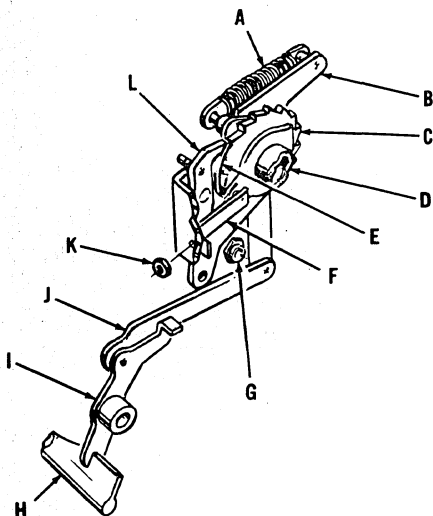
REWIND DRIVE CHAIN - REWIND CARRIAGE (PLATE I-44)



PART NUMBERS (PLATE I-44)

A	1010 0378	nut
B	1509 8379	idler bracket
C	1304 1223	screw, use
	1311 4863	space washer (2)
D	1017 9919	screw
E	1509 6985	sprocket
F	1509 8387	flanged roller
G	1509 6837	ratchet and drive sprocket
H	1509 7033	drive shaft
I	1509 7538	chain

REWIND SPACE CONTROL - REWIND CARRIAGE (PLATE I-45)



PART NUMBERS (PLATE I-45)

A	1340 8992	spring
B	1509 6886	arm
C	1509 6837	ratchet and drive
		sprocket
D	1509 7033	drive shaft
E	1509 6852	pawl guide
F	1509 6894	bracket
G	1049 2817	eccentric, use
	1010 0360	nut
H	1303 2966	feed bail, 15"
	1303 2974	feed bail, 18"
I	1509 6571	arm, use:
	1255 3129	retaining
		ring
J	1509 6589	link
K	1010 0378	nut, use:
	1256 8002	washer
	1256 7434	lockwasher
L	1509 6787	feed pawl, use:
	1027 7572	spring

BASIC SERIES F

ACCOUNTING MACHINES

Includes

F25—F500,F700,F1000,F5000,F6000

SECTION

II

GEARBOX

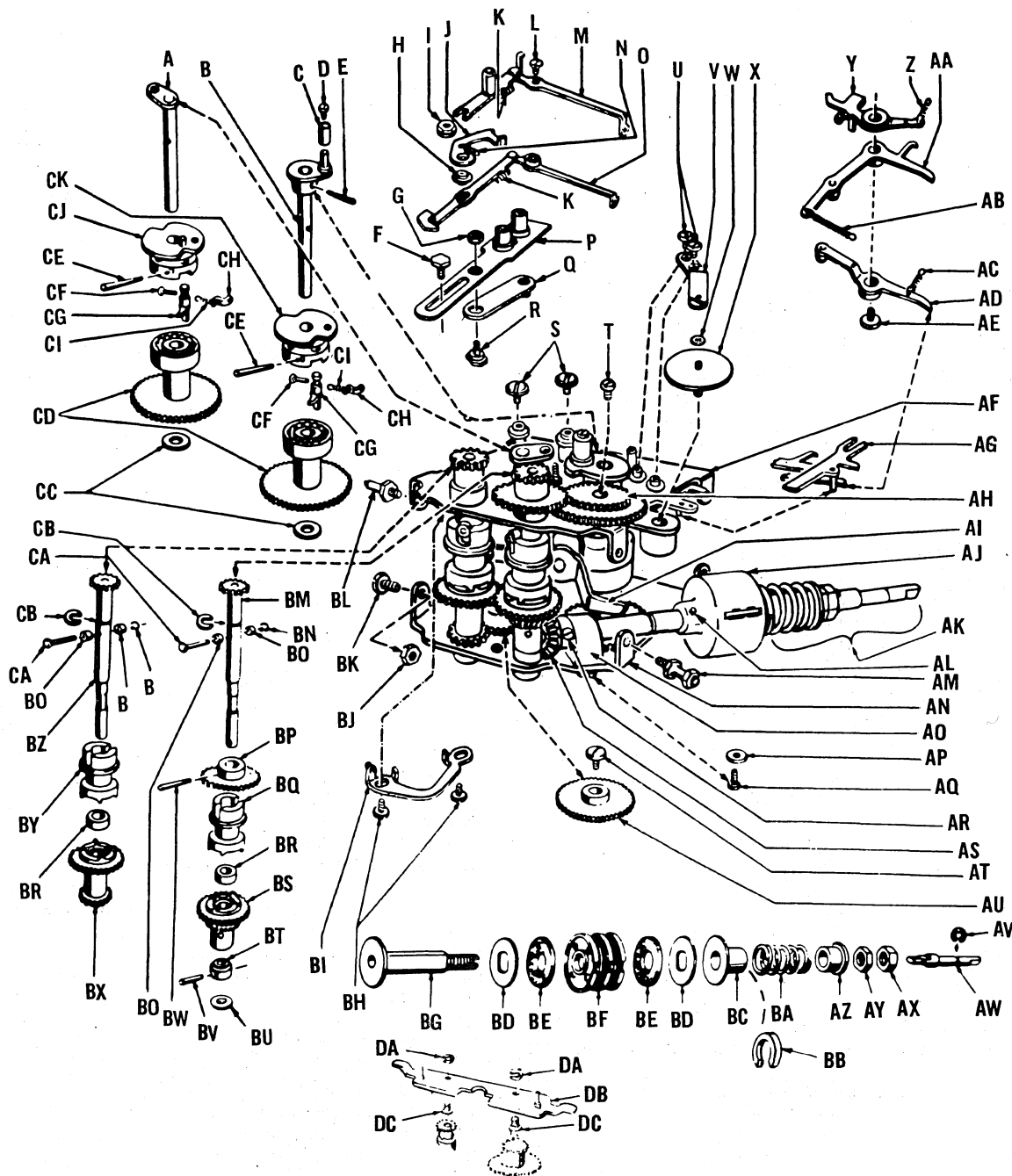
Burroughs

FIELD ENGINEERING

PARTS CATALOG

Gearbox

✓ BASIC F GEARBOX (PLATE II-1)



PART NUMBERS (PLATE II-1)

	1307 3630	complete assembled gearbox for series F25 thru F700, F6000	C	1337 4111	roller
	1307 3622	complete assembled gearbox for Dual Printers	D	1256 0223	screw
A	1307 3093	shaft, after serial F139985P, includes CI. Use 1307 3093 shaft, 1307 3796 arm before serial F13986P	E	1026 7185	.096" replacement pin
B	1307 3077	platen feed clutch assembly, includes CJ		1026 7193	.099" replacement pin
			F	1343 0210	hex head screw
			G	1010 0386	nut
			H	1307 5403	shoulder collar
			I	1307 5437	guide nut

PART NUMBERS CONTINUED ON NEXT PAGE

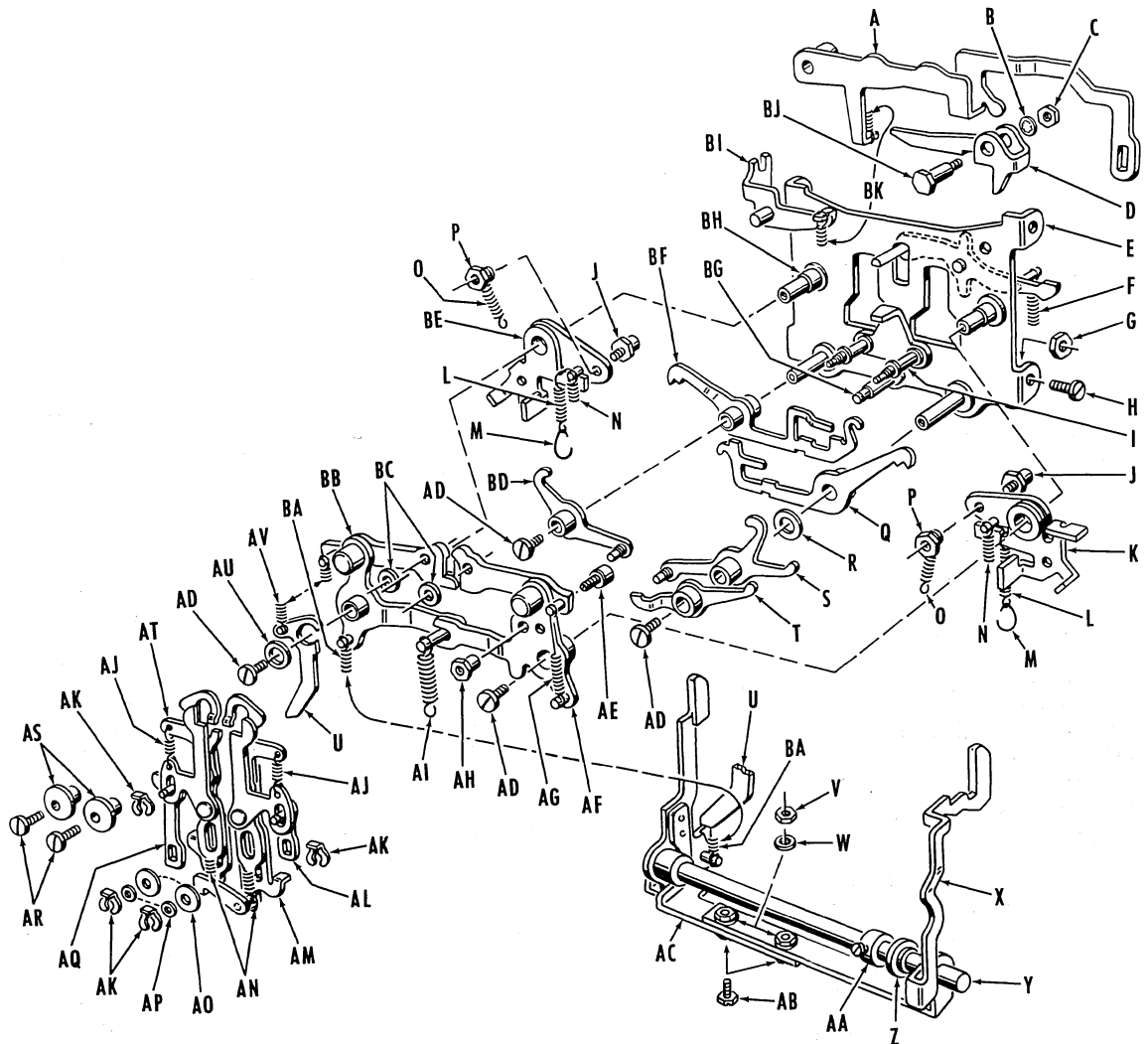
Gearbox

PART NUMBERS (PLATE II-1) CONTINUED

J	1307 4836	latch	AW	1328 9525	shaft	} included in AK
K	1027 6392	spring	AX	1342 8289	nut	
L	1010 6102	screw	AY	1644 9217	nut	
M	1307 4711	interlock	AZ	1329 2594	collar beginning with clutch spring, color blue, included in AK	
N	1028 8397	spring	BA	1341 0238	pressure spring, color blue, included in AK	
O	1307 4695	interlock slide	BB	1337 7916	split spacer	
P	1329 0069	slide	BC	1329 1018	pressure cone, beginning with clutch spring, color blue, included in AK	
Q	1329 0077	link	BD	1307 4794	clutch plate, included in AK	
R	1342 9907	eccentric shoulder screw	BE	1329 1174	felt disk, included in AK	
S	1340 7804	screw	BF	1329 0432	clutch plate, included in AK	
T	1017 9919	screw. Use 1337 7080 collar after serial F100542P, included in AF. Use 1017 9919 screw, 1337 7080 collar, 1329 1059 gear before F100543P	BG	1328 9772	shaft, included in AK	
U	1303 1794	screw	BH	1010 6698	screw	
V	1307 4059	brace	BI	1307 3796	arm, after serial F13985P. Use 1307 3796 arm, 1307 3093 shaft before serial F13986P	
W	1024 7906	spacer	BJ	1010 0378	nut	
X	1329 1125	brake disk after serial F100542P. Use 1329 1125 brake disk, 1329 1059 gear, 1337 7080 collar, 1017 9919 screw before serial F100543P	BK	1304 0779	screw	
Y	1307 5023	pivot arm	BL	1307 5742	screw	
Z	1027 6202	spring	BM	1328 9590	tufride return spindle after serial F100542P, includes BT, BV. Use 1329 0861 top plate assembly before serial F100543P	
AA	1329 0093	arm after serial F42428P. Use 1329 0093 arm, 1328 9699 shaft assembly, 1307 3044 shaft assembly, 1026 0651 screw, 1044 3133 spring before serial F42429P	BN	1342 6705	clip, included in AF	
AB	1027 2862	spring	BO	1028 8546	roller, included in AF	
AC	1340 9123	spring	BP	-- --	included in AF	
AD	1307 3929	detent arm	BQ	1307 5114	return throw out member	
AE	1010 5682	screw	BR	1329 1224	washer	
AF	1329 0861	top plate assembly after serial F100542P, includes T, AG, AH, AI, BM, BN, BO, BP, BW, BZ, CA, CB. Use 1329 0861 top plate assembly, 1329 1125 brake disk before serial F100543P. Use 1307 3630 complete assembled gearbox before serial F7181P	BS	1329 0564	gear, use 1337 1802 washer after serial F50513P. Use 1329 0564 gear, 1337 1802 washer, 1329 0531 gear, 1010 9643 setscrew before serial F50514P	
AG	-- --	included in AF	BT	-- --	included in BM	
AH	1329 1059	gear after serial F100542P. Use 1329 1059 gear, 1337 7080 collar, 1017 9919 screw before serial F100543P	BU	1010 4503	space washer	
AI	-- --	included in AF	BV	1017 0942	pin, included in BM	
AJ	1328 9731	clutch housing	BW	1034 8852	pin, included in AF	
AK	1328 9798	clutch, includes AW thru BA, BC thru BG	BX	1329 0572	tab drive gear	
AL	1011 9972	.068" replacement pin	BY	1307 5122	tab throw out member	
AM	1307 5825	hex post, use 1256 7715 washer, 1010 0378 nut	BZ	1328 9582	tufride tab spindle after serial F100542P, use 1342 7208 collar, included in AF. Use 1329 0861 top plate assembly before serial F100543P	
AN	1329 0002	bottom plate assembly	CA	1307 6013	roller shaft, included in AF	
AO	1307 4638	bearing bracket	CB	1300 1441	clip, included in AF	
AP	1010 4982	washer	CC	1307 5197	washer	
AQ	1010 8421	screw	CD	1307 5163	gear	
AR	1010 9643	setscrew	CE	1307 5627	.097" } pin	
AS	1329 0531	gear after serial F50414P. Use 1307 5098 before serial F50415P		1307 5635	.100" }	
AT	1340 7804	screw	CF	1329 1141	pin	
AU	1524 1474	intermediate gear	CG	1344 3486	clutch dog	
AV	1010 0238	clip	CH	1307 4802	spring anchor	
			CI	1340 9131	spring	
			CJ	-- --	included in A	
			CK	-- --	included in B	
			DA	1010 0154	clip, included in DB	
			DB	1329 0309	plate, includes DA, DC	
			DC	1342 9006	pin, included in DB	

Gearbox

BASIC F BACK PLATE (PLATE II-2)



PART NUMBERS (PLATE II-2)

	1502 5893	complete back plate assembly, includes all parts illustrated except A, F, G, H, V, W, X, Y, Z, AA, AB, AC, BH, BI	K	1502 5281	return clutch arm after serial F147860P. Use 1502 5281 return clutch arm, 1502 5240 tab clutch arm, 1014 7650 (2) spring, 1026 6252 (2) clip, before serial F147861P and after F42428P. Use 1307 4026 arm, 1307 4414 arm before serial F42429P, use 1338 8814 post, 1256 7442 lockwasher, 1010 0360 nut service replacement for pivot stud	
A	1329 0283	brake control lever for 5/8" tab		L	1014 7650	spring
B	1256 7699	washer		M	1026 6252	spring anchor
C	1010 0469	nut		N	1026 9850	spring
D	1329 0481	bellcrank after serial F49139P. Use 1329 0473 bellcrank, 1329 1083 screw before serial F49140P and after serial F29719P. Use 1329 0465 bellcrank, 1329 1083 screw before serial F29720P		O	1343 0848	spring
E	1307 3705	back plate only after serial F42428P. Use 1502 5893 complete back plate before serial F42429P		P	1338 7287	grooved nut, use 1256 7715 star washer
F	1013 3346	spring, use 1026 6351 spring anchor		Q	1307 4356	latch
G	1010 0378	nut		R	1337 1802	washer
H	1304 0779	screw				
I	1509 1150	repair stud, use 1010 0378 nut				
J	1342 9477	hex eccentric roller				

PART NUMBERS CONTINUED ON NEXT PAGE

PART NUMBERS CONTINUED ON NEXT PAGE

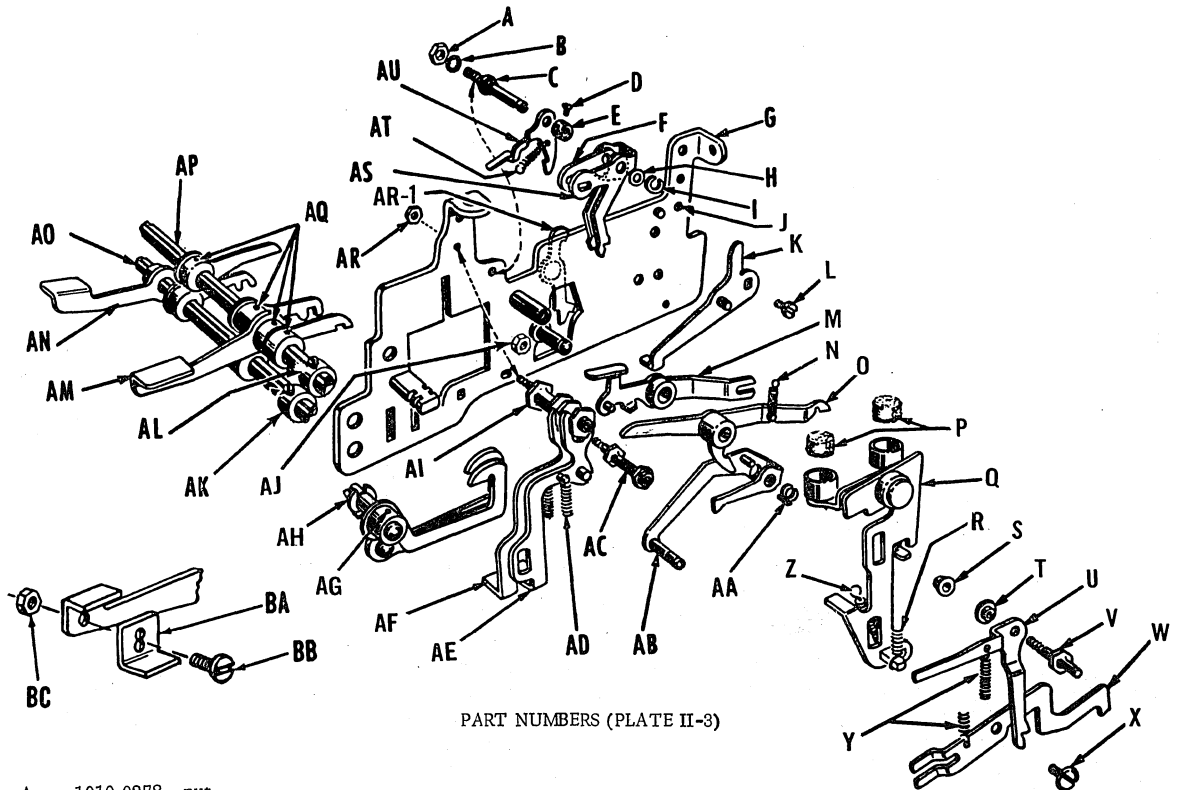
Gearbox

PART NUMBERS (PLATE II-2) CONTINUED

S	1307 4422	bellcrank, after serial F42428P. Use 1307 4414 bellcrank, 1307 4026 arm before serial F42429P	AS	1307 5387	eccentric bushing
T	1307 4653	bellcrank	AT	1329 0218	slide and latch assembly after serial F42428P. Use 1307 4265 before serial F42429P
U	1502 5828	latch after serial F150680P. Use 1329 1208 latch before serial F150681P	AU	1342 6648	spacer
V	1010 0378	nut	AV	1026 9884	spring
W	1256 7715	lockwasher	BA	1340 9479	spring after serial F150680P. Use 1026 9900 spring before serial F150681P
X	1502 5810	return pivot arm	BB	1329 0168	bumper after serial F60253P. Use 1329 0168 bumper, 1329 0184 bumper before serial F60254P and after serial F42428P. Use 1329 0168 bumper, 1329 0184 bumper, 1307 6070 eccentric, 1329 0473 latch before serial F42429P
Y	1328 9632	tab shaft	BC	1307 5395	spacer
Z	1502 5836	shoulder bushing	BD	1307 4430	bellcrank after serial F42428P. Use 1307 4398 arm, 1307 4000 arm before serial F42429P
AA	1342 7794	set collar, includes 1010 5476 screw	BE	1502 5240	tab clutch arm after serial F147860P. Use 1502 5240 arm, 1502 5281 return clutch arm, 1014 7650 spring (2), 1026 6252 clip (2), before serial F147861P and after serial F42428P. Use 1307 4000 arm, 1307 4398 arm before serial F42429P
AB	1311 7452	screw	BF	1307 4372	latch after serial F42428P. Use 1307 4364 latch before serial F42429P
AC	1502 5802	tab pivot arm	BG	1307 5684	threaded spring post after serial F42428P, use 1010 0428 nut. Use 1307 5684 post, 1010 0428 nut, 1307 4356 latch, 1307 4364 latch before serial F42429P
AD	1010 4248	screw	BH	1307 5577	repair pivot post, use 1256 7442 lockwasher, 1010 0360 nut
AE	1329 1166	screw after serial F42428P. Use 1307 6070 eccentric, 1307 4216 bumper, 1329 0473 latch before serial F42429P	BI	1502 5943	bracket
AF	1329 0184	bumper after serial F60253P. Use 1329 0184 bumper, 1329 0168 bumper before serial F60254P and after serial F42428P. Use 1329 0184 bumper, 1329 0168 bumper, 1307 6070 eccentric, 1329 0473 latch before serial F42429P	BJ	1329 1091	hex shoulder screw, after serial F49139P. Use 1329 1083 screw, 1329 0473 bellcrank before serial F49140P and after serial F29719P. Use 1329 1083 screw, 1329 0465 bellcrank before serial F29720P
AG	1502 5844	spring	BK	1027 2979	spring
AH	1010 7381	hex shoulder nut			
AI	1028 8413	spring			
AJ	1015 2247	spring			
AK	1010 0212	clip			
AL	1307 4919	link			
AM	1329 0234	slide and latch assembly after serial F42428P. Use 1307 4281 latch and slide assembly before serial F42429P			
AN	1307 6153	spring			
AO	1010 5575	washer			
AP	1027 7598	spacer			
AQ	1307 4893	link			
AR	1010 9981	screw after serial F31439P. Use 1307 5866 screw before serial F31440P			

Gearbox

BASIC F LEFT SIDE FRAME (PLATE II-3)

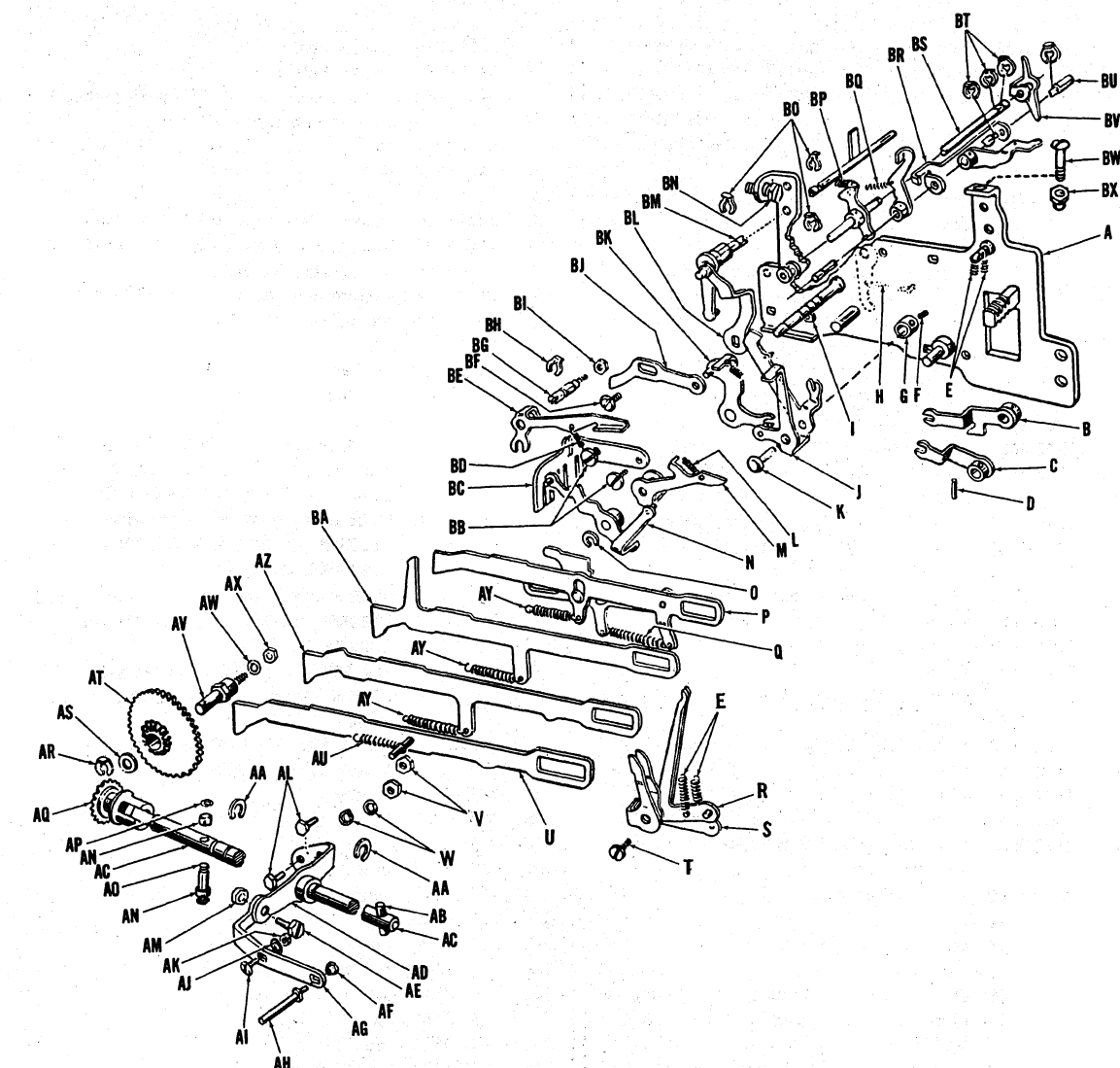


PART NUMBERS (PLATE II-3)

A	1010 0378	nut	Z	1028 7886	spring
B	1256 7434	lockwasher	AA	1010 0220	clip
C	1329 1133	post, after F29719P. Use 1329 1133 post and 1011 9915 set collar before F29720P	AB	1307 4117	arm
D	1255 7617	screw, included in E	AC	1307 5825	post
E	1337 9367	set collar, includes D	AD	1013 9277	spring
F	1307 4786	latch	AE	1307 4570	slide
G	1307 3580	frame, after F42428P. Use 1307 3523 frame before F42429P	AF	1307 4588	slide
H	1337 1109	washer	AG	1029 3389	replacement pin
I	1010 0147	clip	AH	1010 0238	clip, use 1028 9494 washer between clip and sideframe
J	1026 0651	screw, use 1010 0378 nut	AI	1307 5718	post, after B199512. Use 1344 3452 post before B199513
K	1307 3879	arm	AJ	1028 9387	spring stud, use 1010 0378 nut and 1308 1682 spring
L	1010 9635	screw	AK	1342 7778	set collar, includes 1010 5476 screw
M	1329 0119	lever, after F29719P. Use 1329 0119 lever, 1329 1232 bellcrank, 1026 9900 spring, 1027 2912 spring, 1011 9915 set collar, 1340 8950 spring and 1329 1133 post before F29720P	AL	1342 7794	set collar, includes 1010 5476 screw
N	1012 0335	spring	AM	-- --	included in AP
O	1307 5007	arm	AN	-- --	included in AO
P	1307 6179	felt, after B199512. Use 1344 3494 felt before B199513	AO	1328 9632	tab shaft
Q	1307 4745	brake, after F13291P. Use 1307 4745 brake and 1028 7886 spring before F13292P	AP	1328 9673	return shaft
R	1013 9335	spring	AQ	1029 3389	replacement pin
S	1010 7399	flanged collar	AR	1010 0378	nut
T	1342 6838	washer	AR-1	-- --	latch, use 1308 1682 spring
U	1307 4554	latching bellcrank	AS	1307 4778	latch
V	1340 0213	spring stud	AT	1340 8950	spring
W	1307 4521	lever	AU	1329 1232	latch, before F100972P and after F29719P. Use 1017 4118 washer, 1329 1232 latch, 1329 0119 lever, 1026 9900 spring, 1027 2912 spring, 1011 9915 set collar, 1340 8950 spring and 1329 1133 post before F29720P
X	1017 1783	screw	BA	1307 4984	bracket, includes BB, BC
Y	1028 8504	spring	BB	1010 4875	screw
			BC	1010 0477	nut

Gearbox

BASIC F-RIGHT SIDE FRAME (PLATE II-4)



PART NUMBERS (PLATE II-4)

A	1307 3564	frame, after F42428P. Use 1307 3515 frame before F42429P	N	1307 4620	bellcrank
B	-- --	included in 1328 9673 shaft assembly	O	1010 0154	clip
C	-- --	included in 1328 9632 shaft assembly	✓ P	1510 8038	carriage open slide
D	1010 5625	pin, included in B and C. Use 1010 9635 screw before F121731P	Q	1027 2821	spring
E	1013 3346	spring	R	1329 0010	return bellcrank
F	1255 7617	setscrew, after F42428P	S	1329 0036	tab bellcrank
G	-- --	included in A	T	1010 8991	screw
H	1027 6897	spring	U	1307 3333	tab slide
I	1342 0005	hex screw, use 1010 0360 nut	V	1010 0410	nut
J	1307 3838	bail, after F42428P. Use 1307 3812 bail before F42429P	W	1256 7459	lockwasher
K	1307 6138	pivot post, after F42428P. Use 1307 3028 shaft assembly before F42429P	AA	1300 1441	clip, included in AC
✓ L	1531 6342	spring	AB	1342 8479	pin, included in AC
M	1307 3481	link	AC	1307 3135	shaft assembly, includes AA, AB, AD, AN, AO, AP
			AD	1307 4497	brace, included in AC

PART NUMBERS CONTINUED ON NEXT PAGE

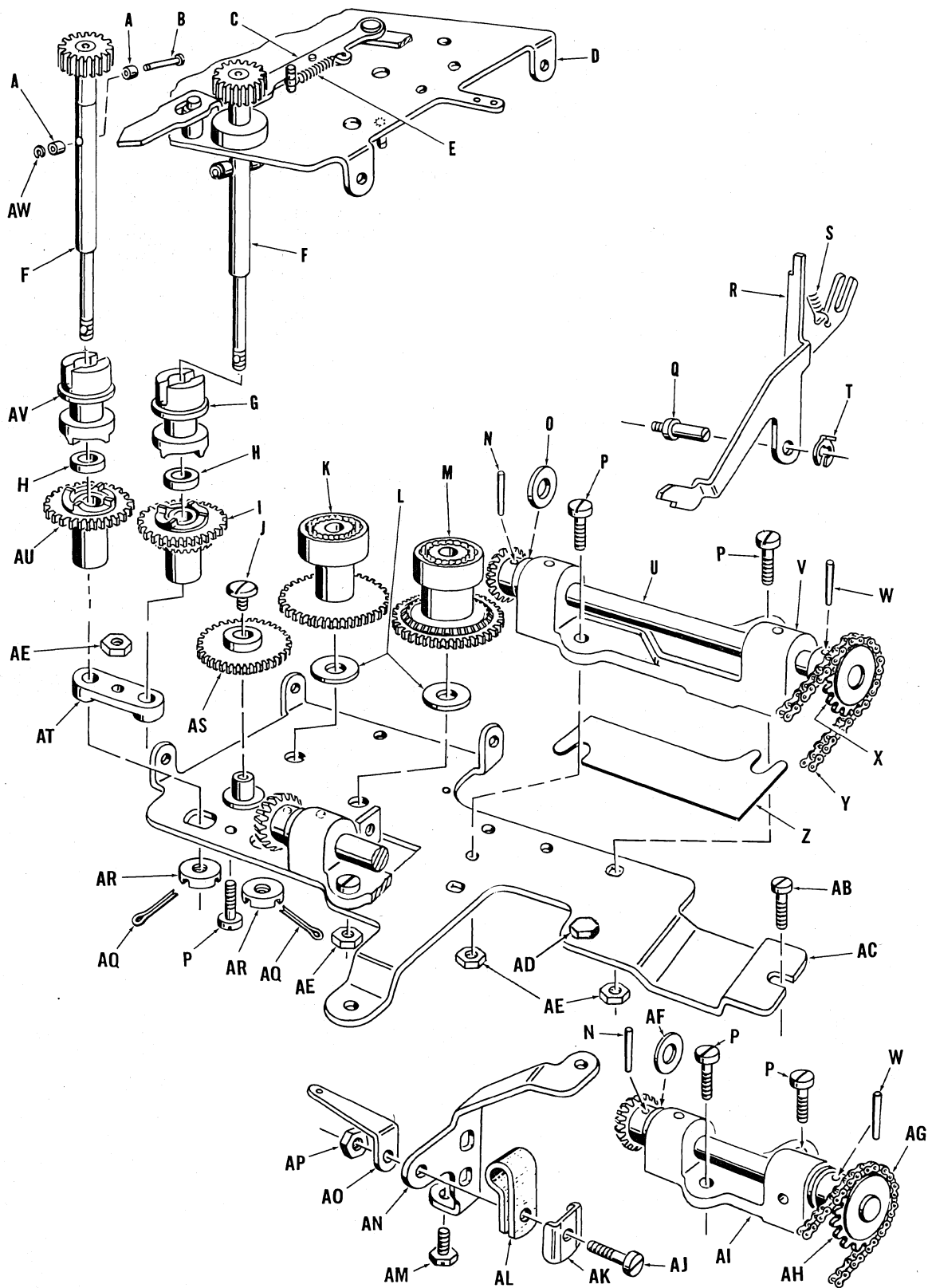
Gearbox

PART NUMBERS (PLATE II-4) CONTINUED

AE	1300 8065	screw	BH	1010 0238	clip
AF	1338 7220	shoulder nut	BI	1010 0378	nut, use 1256 7715 lockwasher
AG	1324 5832	brace	BJ	1307 3408	link
AH	1304 1579	stud screw	BK	1307 3465	bellcrank
AI	1027 7663	screw	BL	1307 3721	arm, included in BU, use 1010 9635 screw
AJ	1014 5357	washer	BM	1307 3150	shaft assembly
AK	1010 0428	nut	BN	1307 6112	screw
AL	1017 1726	screw	BO	1010 0212	clip
AM	1010 0402	nut	BP	1028 8504	spring
AN	1342 7299	roller, included in AC	BQ	1014 7650	spring
AO	1307 6005	pin, included in AC	BR	1329 0507	bail, included in BU, use 1012 0335 spring. Use 1329 0507 bail and 1026 0651 screw be- fore F134671P
AP	1342 6739	wire ring, included in AC	BS	1328 9699	shaft assembly, includes BT, BV. Use 1328 9699 shaft assembly, 1307 3044 shaft assembly, 1026 0651 screw, 1044 3133 spring and 1329 0093 detent before F42429P
AQ	1307 5247	bevel gear	BT	1010 0238	clip, included in BS
AR	1010 0089	clip	BU	1307 3044	shaft assembly, includes BL, BR, BT. Use 1307 3044 shaft assembly, 1328 9699 shaft assembly, 1026 0651 screw, 1044 3133 spring and 1329 0093 detent before F42429P
AS	1027 2896	spacer	BV	1329 1257	bellcrank, included in BS
AT	1307 4596	gear	BW	1328 0938	screw, after F51604P. Use 1307 6112 screw before F51605P
AU	1026 9355	spring	BX	1342 8396	shoulder nut
AV	1525 4444	threaded post			
AW	1256 7459	lockwasher			
AX	1010 0402	nut			
AY	1027 6392	spring			
AZ	1307 3317	return slide			
BA	1307 3291	space slide			
BB	1010 8991	screw			
BC	1307 3739	spacer bracket			
BD	1028 7670	spring			
BE	1307 4828	bellcrank			
BF	1017 3169	screw			
BG	1307 5874	post screw			

Gearbox

(F1000) GEAR BOX (TOP & BOTTOM) (PLATE II-5)



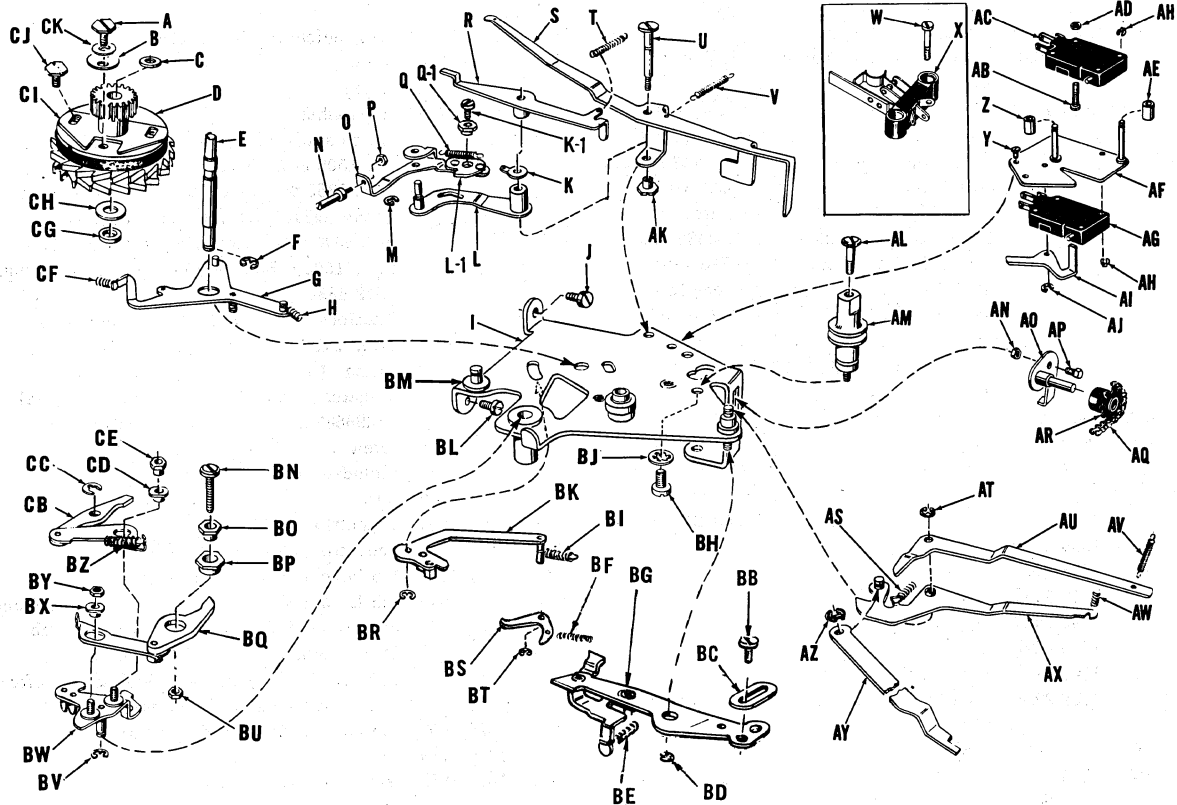
Gearbox

PART NUMBERS (PLATE II-5)

1502 9010	complete gearbox and escapement unit for chain drive after serial F161805P. Use 1502 9010, 1507 3158 tab link, 1329 2057 bellcrank, 1329 1489 latch, 1341 7696 eccentric stud before serial F161806P and after serial F139657P	W	1338 8699	pin for chain drive
			1338 8129	pin for belt drive
		X	1338 7121	repair sprocket, use 1255 8078 screw (2)
		Y	1344 4153	enclosed chain (42 links)
			1338 5414	belt
		Z	1329 1919	shim
1329 0663	complete gearbox and escapement unit for belt drive before serial F139658P	AB	1010 8991	screw
		AC	1328 9988	bottom plate after serial F135480P
			1328 9970	bottom plate before serial F135481P and after serial F91954P
			1328 9962	bottom plate before serial F91955P
	Note: For chain drive on above use 1329 2404 idler bracket, 1338 7154 idler sprocket (2), 1338 7139 sprocket, 1338 7121 sprocket, 1255 8078 setscrew (2)	AD	1304 2775	screw, use 1010 0360 nut
		AE	1010 0428	nut
		AF	1329 2099	washer
		AG	1338 5471	enclosed chain (58 links)
			1338 5406	belt
A	1028 8546	roller, included in D		
B	1307 6013	pin, included in D	AH	1338 7139
C	1502 7584	interlock slide after serial F158755P	AI	1329 1851
	1329 0390	interlock slide before serial F158756P		
D	1329 0739	top plate assembly, includes A, B, F, BJ, BK		1329 1802
E	1027 6392	spring		
F	1328 9541	spindle		
G	1307 5114	return clutch throw out member		1329 1794
H	1329 1224	washer		
I	1329 0564	return drive gear		
J	1340 7804	screw		
K	1307 5163	open and close drive gear		
L	1307 5197	washer		
M	1329 0986	form space drive gear	AJ	1010 9023
N	1338 8129	pin		
O	1337 1554	washer	AK	1337 2180
P	1027 3357	screw	AL	1028 7084
Q	1338 8228	pivot post, use 1256 7715 lockwasher, 1010 0386 nut	AM	1026 0917
			AN	1329 1935
R	1329 1737	interlock bellcrank	AO	1010 0063
S	1011 3074	spring	AP	1010 0360
T	1010 0238	clip	AQ	1338 7196
U	-- --	included in V	AR	1329 1968
V	1329 1836	shaft assembly for form space, opening and closing for chain drive, includes N, O, U, W, X	AS	1307 5130
			AT	1329 1927
			AU	1329 0580
	1329 1778	shaft assembly for belt drive, includes N, O, U, W, X, use 1338 7121 repair sprocket, 1255 8078 screw (2) to convert to chain drive	AV	1307 5122
			AW	1342 6705
	1329 1885	casting only		clip

Gearbox

(F1000) ESCAPEMENT UNIT (PLATE II-6)



PART NUMBERS (PLATE II-6)

A	1340 3464	screw	✓ K-1	1010 8751	eccentric
B	1329 1745	eccentric disk	L	1502 0514	back space arm after serial F139657P
C	1301 2570	spacer		1329 2156	back space arm before serial F139658P
✓ D	1504 1445	ratchet after serial F148239P, use 1504 9950 rack gear,	✓ L-1	1503 7641	back space latch
-- --		before serial F148240P, use 1504 1445 ratchet, 1504 9950 rack gear, 1510 8103 post, 1010 4149 washer	M	1255 3129	clip
✓ E	1510 8103	post after serial F148239P	N	1511 6650	eccentric stud after serial F148849P
-- --		before serial F148240P use 1510 8103 post, 1504 1445 ratchet, 1504 9950 rack gear, 1010 4149 washer		1341 7696	eccentric stud before serial F148850P
F	1255 3152	clip	✓ O	1503 7658	back space arm
G	1329 2131	back space arm after serial F110352P	P	1010 0360	nut
	1502 0191	back space arm before serial F110353P	Q	1027 6921	spring
H	1027 6566	spring	✓ Q-1	1025 5461	screw
I	1502 0498	escapement top plate after serial F139657P. Use 1502 0498 top plate, 1502 8871 switch actuator arm, 1502 8863 trip latch, 1028 8504 spring, 1502 4888 complete back space and tab interlock assembly, 1502 0506 actuating arm, 1010 0022 spring anchor, 1026 9900 spring, 1027 6798 spring, 1329 1570 actuator, 1256 0686 screw (2), before serial F139658P and after serial F110352P	R	1502 0506	actuating arm after serial F139657P. Use 1502 0506 arm, 1010 0022 spring anchor before serial F139658P
	1329 0754	escapement top plate before serial F110353P	S	1329 1570	carriage open interlock lever after serial F139657P
J	1010 5401	screw		1502 5216	carriage open interlock lever before serial F139658P
K	1010 0022	spring anchor after serial F139657P	T	1026 9900	spring
	1026 6344	spring anchor before serial F139658P	U	1341 7639	shoulder screw
			V	1027 6798	spring
			W	1027 6822	screw
			✓ X	1341 1871	back space switch before serial F139658P, use 1337 7932 collar
			Y	1256 0686	screw
			Z	1337 6140	spacer
			AB	1640 2349	screw
			AC	1341 1590	switch after serial F139657P
			AD	1256 5180	nut

PART NUMBERS CONTINUED ON NEXT PAGE

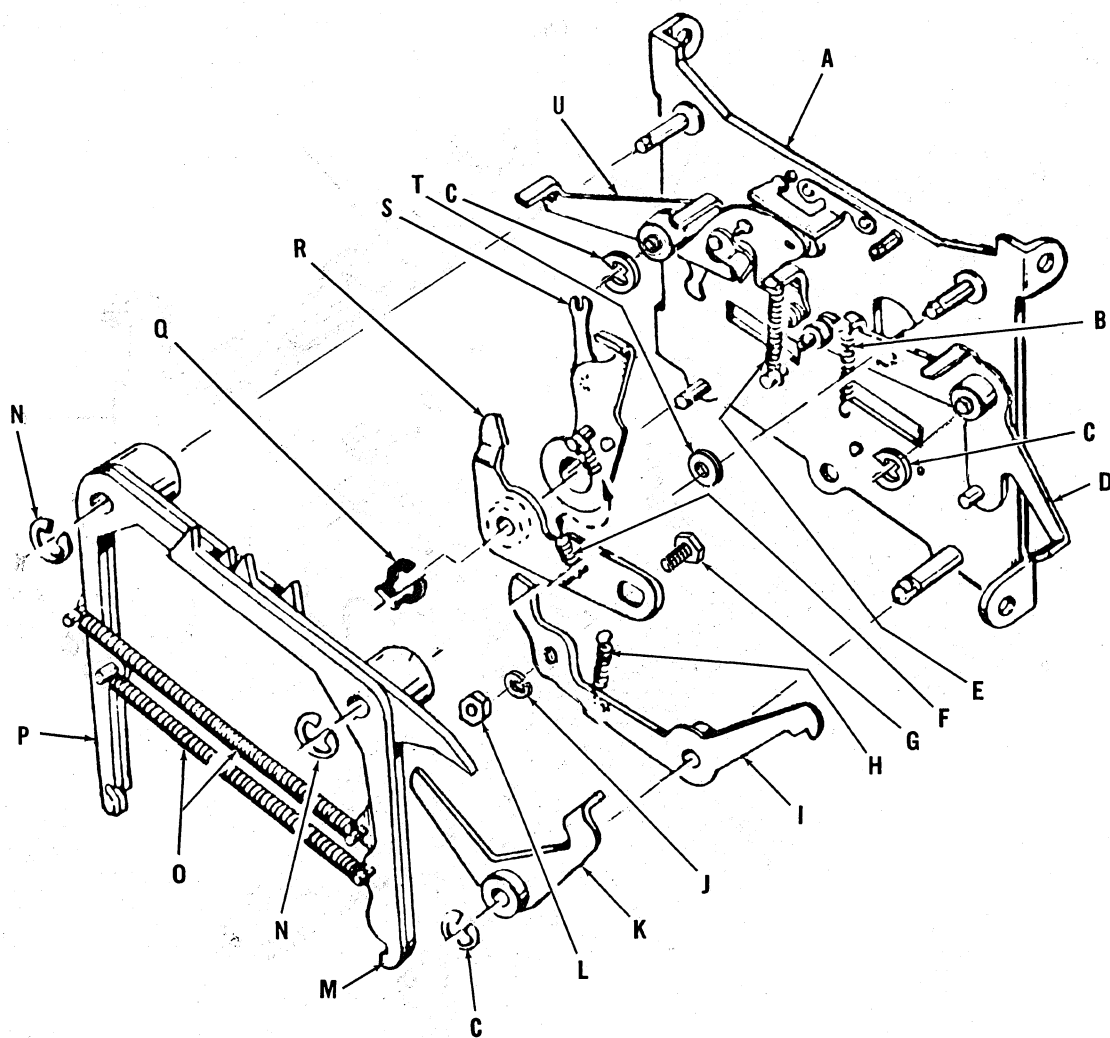
Gearbox

PART NUMBERS (PLATE II-6) CONTINUED

AE	1337 6140	spacer			1329 2164	arm, before serial F110353P
AF	1502 0530	switch mounting plate only after serial F139657P		BH	1028 8793	screw
	1502 4888	complete back space and tab interlock assembly, includes Z thru AJ and wire harness for switches. Use 1502 0449 repair switch bracket, 1502 0456 repair switch actuator, 1502 0506 actuating arm, 1010 0022 spring anchor, 1300 1433 clip (2), 1026 9900 spring, 1027 6798 spring, 1329 1570 carriage open interlock lever, 1337 6140 spacer (2), 1341 1590 switch, 1255 3129 clip, 1256 5180 nut, 1640 2349 screw before serial F139658P and after serial F110352P		BI	1027 2953	spring
AG	1341 1590	switch		BJ	1256 7731	lockwasher
AH	1300 1433	clip		BK	1502 8871	switch actuator arm after serial F164776P. Use 1502 8871 switch actuator arm, 1502 8863 trip latch and 1028 8504 spring before serial F164777P and after serial F139657P. Use 1502 8871 switch actuator arm, 1502 8863 trip latch, 1028 8504 spring, 1502 4888 complete back space and tab interlock assembly, 1502 0506 actuating arm, 1010 0022 spring anchor, 1026 9900 spring, 1027 6798 spring, 1329 1570 actuator, 1256 0686 screw (2) before serial F139658P and after serial F110352P
AI	1502 0522	switch actuator after serial F139657P. Use 1502 0456 repair switch actuator before serial F139658P and after F110352P		BL	1027 6525	screw
AJ	1255 3129	clip		BM	-- --	included in I
AK	1056 0191	hex shoulder nut		BN	1010 8439	screw
AL	1049 1777	screw		BO	1522 5857	eccentric (.280" dia.)
AM	1329 1752	tapped post		BP	1522 5840	eccentric (.342" dia.)
AN	1010 0428	nut		BQ	1503 1826	tab latch assembly after serial F186113P
AO	1329 2404	idler bracket for chain drive			1329 2040	tab latch assembly before serial F186114P and after serial F124608P. Use 1329 2040 tab latch assembly, 1522 5840 eccentric, 1522 5857 eccentric, 1010 8439 screw before serial F124609 and after serial F110352P
	1329 2396	idler bracket for belt drive, use 1255 3152 clip			1329 2008	tab latch assembly before serial F110353P
AP	1343 0087	screw		BR	1255 3129	clip
AQ	1344 4153	chain		BS	1502 8863	trip latch, use 1502 8871 switch actuator arm, 1028 8504 spring
	1338 5414	belt		BT	1255 3129	clip
AR	1338 7154	idler sprocket for chain drive		BU	1010 0386	nut
	1341 8447	idler pulley for belt drive, use 1255 3152 clip		BV	1255 3152	clip
AS	1027 6566	spring		BW	1329 2123	latch after serial F110352P
AT	1255 3129	clip			1329 2115	latch before serial F110353P
AU	1329 2057	bellcrank		BX	1340 1427	eccentric bushing
AV	1027 2912	spring		BY	1010 0386	nut
AW	1341 0212	spring		BZ	1026 9777	spring
AX	1523 4040	cam arm		CB	1329 1984	latch assembly
AY	1336 8121	latch		CC	1026 7060	clip
	1504 1908	latch, series F9000		CD	1340 1427	eccentric bushing
AZ	1010 0147	clip		CE	1338 7535	shoulder nut
BB	1018 0107	screw		CF	1018 0768	spring after serial F148849P
BC	1503 7997	adjustment plate, use 1524 0740 spring			1027 2862	spring before serial F148850P
BD	1255 3129	clip		CG	1341 7654	collar
BE	1304 2973	spring		CH	1010 4149	washer
BF	1013 3387	spring		✓CI	1504 9950	rack gear after serial F148239P, use 1504 1445 ratchet,
✓BG	1503 8029	arm assembly after serial F189250P. Use 1503 8029 arm assembly, 1337 1778 shim, 1503 7997 adjustment plate, 1304 2973 spring, 1018 0107 screw (2) before serial F189251P and after serial F110352P			-- --	Before serial F148240P use 1504 9950 rack gear, 1504 1445 ratchet, 1510 8103 post, 1010 4149 washer
				CJ	1340 3464	screw

Gearbox

(F1000) BACK PLATE (PLATE II-7)

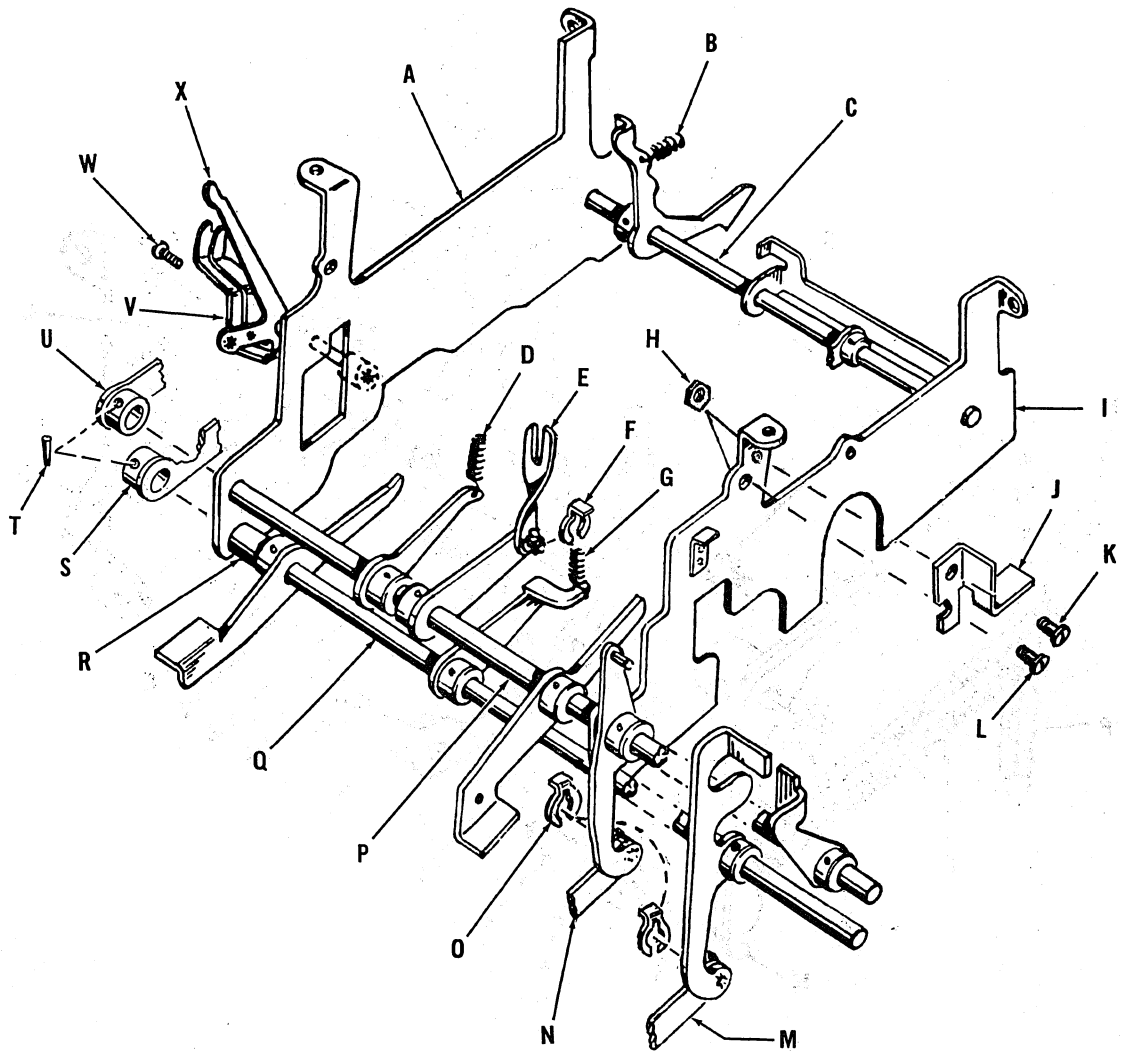


PART NUMBERS (PLATE II-7)

A	1329 0929	back plate assembly	N	1300 1490	clip
B	1027 7424	spring	O	1027 7440	spring
C	1255 3152	clip	P	1329 1505	latch
D	1329 0135	latch assembly	Q	1010 0220	clip
E	1028 7951	spring	R	1329 0267	bellcrank, after F81423P. Use 1329 0267 bellcrank, 1329 0242 latch assembly, 1340 1682 eccentric screw, 1256 7426 lockwasher, 1010 0451 nut before F81424P
F	1027 6848	spring	S	1329 1448	arm assembly, after F102230P. Use 1329 1448 arm assembly, 1329 0143 latch assembly before F102231P
G	1340 1682	eccentric screw	T	1010 6011	spacer
H	1027 6210	spring	U	1329 0143	latch assembly, after F102230P. Use 1329 0143 latch assembly, 1329 1448 arm assembly before F102231P
I	1329 0242	latch assembly, after F81423P. Use 1329 0242 latch assembly, 1329 0267 bellcrank, 1340 1682 eccentric screw, 1256 7426 lockwasher, 1010 0451 nut before F81424P			
J	1256 7426	lockwasher			
K	1329 0259	bellcrank			
L	1010 0451	nut			
M	1510 5752	latch, after F148849P, use 1010 6011 spacer. Use 1329 1489 latch before F148850P			

Gearbox

(F1000) RIGHT & LEFT SIDE FRAMES (PLATE II-8)

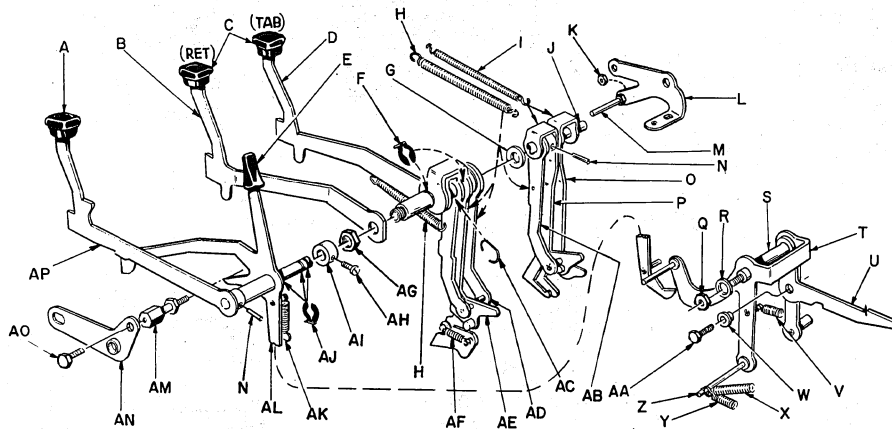


PART NUMBERS (PLATE II-8)

A	1307 3564	right side frame	N	1336 8063	link
B	1014 7650	spring	O	1010 0212	clip
C	1307 3051	shaft assembly. Use 1307 3051 shaft assembly and 1026 0651 screw before F134671P	P	1328 9657	return shaft assembly, includes T, U
D	1340 9784	spring	Q	1507 3133	tab shaft assembly after serial F160840P, includes R, S, T. Use 1328 9608 tab shaft assembly before serial F160841P, includes R, S, T.
E	1329 1604	link	R	1337 8161	collar
F	1010 0154	clip	S	-- --	included in Q
G	1027 2813	spring	T	1010 5625	pin, included in P, Q. Use 1010 9635 screw before serial F121731P
H	1010 0378	nut	U	-- --	included in P
I	1329 0598	left side frame	V	1329 0036	tab lever
J	1511 6627	back space limit bracket	W	1010 8991	screw
K	1304 0779	screw	X	1329 0028	return lever, after serial F81423P. Use 1329 0010 return lever before serial F81424P
L	1303 1745	screw			
M	1507 3158	link after serial F160840P. Use 1336 8063 link before serial F160841P			

Gearbox

DIRECTIONAL CONTROL KEYS (F25 THRU F500) (PLATE II-9)

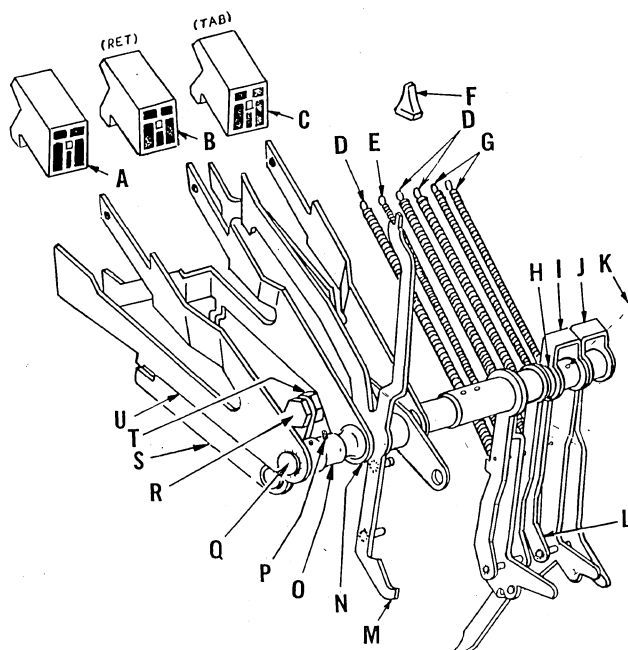


PART NUMBERS (PLATE II-9)

✓ A	1302 3783	keytop	U	1325 2879	bellcrank
	1210 8890	keytop, gray 228, F3050	V	1026 9744	spring
B	1307 3168	return lever	W	1337 9409	shoulder collar
✓ C	1302 4260	keytop, W/GR (Ret)	X	1304 2981	spring
	1302 4286	keytop, W/GR (Tab)	Y	1013 9350	spring
	1211 0425	keytop, gray 242/228 (Ret), F3050	Z	1304 2338	spring anchor, use 1010 0360 nut
	1211 0433	keytop, gray 242/228 (Tab), F3050	AA	1017 2773	screw
D	1307 3200	tab lever	AB	-- --	included in J
✓ E	1307 6195	keytop	AC	1026 6252	spring anchor
	1211 0417	keytop gray 228, F3050	AD	1307 3267	arm, manual return
F	1300 1425	clip	AE	1307 3358	arm, automatic tab return and space
G	1010 4925	spacer	AF	1304 2973	spring
H	1029 2456	spring	AG	1307 6120	nut
I	1307 6146	spring	AH	1010 9643	screw, included in AI
J	1307 3119	shaft assembly for manual open and close carriage, includes N, AB, AP	AI	1027 7101	collar, includes AH
K	1010 0378	nut	AJ	1010 0238	clip
L	1325 2895	brace, use 1304 2767 screws	AK	1027 1948	spring
M	1325 4438	shaft	AL	1329 0333	lever, use 1337 1802 spacer
N	1029 3389	replacement pin	AM	1325 4362	tapped screw
O	1307 3374	lever, automatic carriage close	AN	1303 5639	brace
P	1307 3390	lever, automatic carriage open	AO	1011 0146	screw
Q	1010 0378	nut	AP	-- --	included in J
R	1337 4103	spacer			
S	1304 1876	pivot screw			
T	1303 7221	bellcrank			

Gearbox

DIRECTIONAL CONTROL KEYS (F1000, F5000 & F6000) (PLATE II-10)

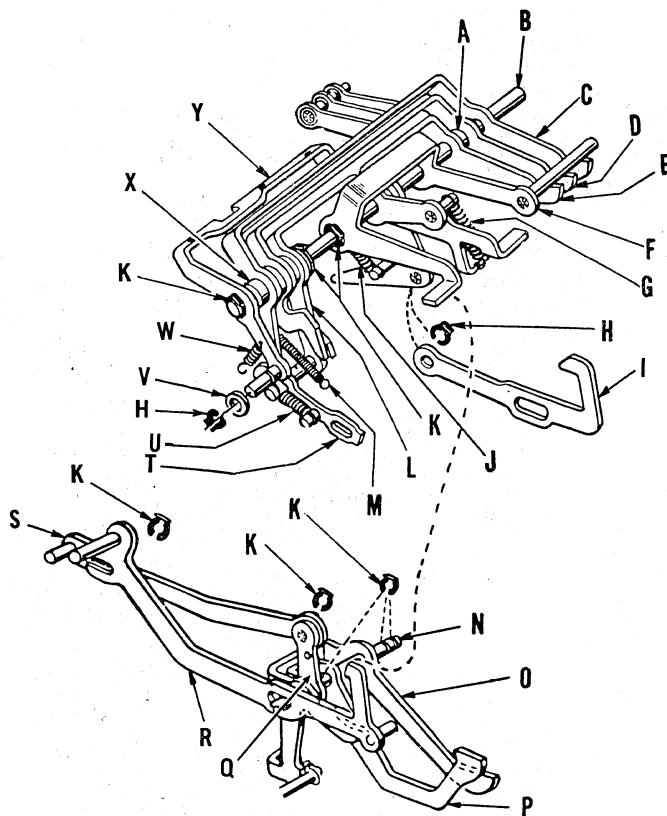


PART NUMBERS (PLATE II-10)

A	1331 4083	keytop, for open lever (CGE O-C)	
	1331 4059	keytop, for open lever (blank)	
B	1331 4067	keytop	
C	1331 4075	keytop	
D	1026 9454	spring	
E	1028 8942	spring	
F	1331 4026	keytop, for disable lever	
G	1307 6146	spring	
H	1010 4925	spacer	
I	1307 3390	lever, automatic carriage open	
J	1307 3374	lever, automatic carriage close	
K	1029 3389	pin, included in Q	
L	-- --	included in Q	
M	-- --	included in N	
N	1328 9855	tab and return key assembly after F83341P. Use 1328 9855 tab and return key assembly and 1304 2973 spring before F83342P	} includes M
O	1027 7101	set collar, includes P	
P	1010 9643	setscrew, included in O	
Q	1328 9715	carriage open and close shaft assembly, includes K, L, U	
R	1011 0146	screw	
S	1324 7838	limit brace	
T	1325 4370	tapped shoulder, use 1304 2619 guide nut	
U	-- --	included in Q	

Gearbox

✓ TABULATION, RETURN, FORM SPACE AND CARRIAGE
OPENING BAILS (PLATE II-11)

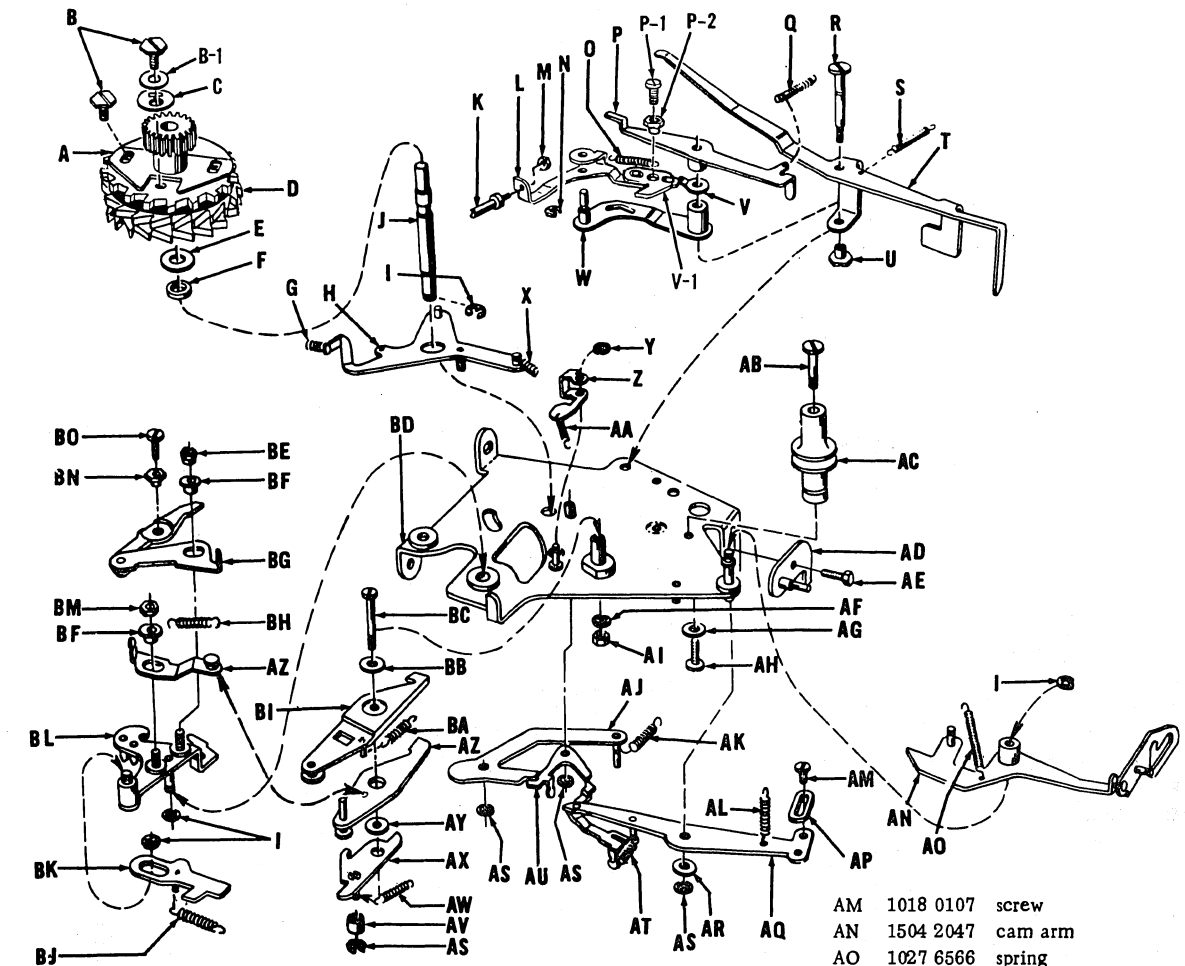


PART NUMBERS (PLATE II-11)

A	1304 0670	space collar	M	1028 8967	spring
B	1303 4228	shaft, all styles except style F212	N	-- --	included in right side frame
	1303 4236	shaft, for style F212	O	1303 9359	bail, use 1026 9884 spring
C	1303 7700	bail, carriage open	P	1524 5061	bellcrank after serial F191644P, use 1027 1989 spring.
	1325 1756	bail, carriage open from motor bar No. 3		-- --	Before serial F191645P, use 1524 5061 bellcrank, 1524 5053 bail, 1027 1989 spring.
	1325 1764	bail, carriage open and form spacing - carriage controlled from motor bar No. 4	Q	1524 5053	bail after serial F191644P
D	1303 7684	form spacing bail		-- --	Before serial F191645P, use 1524 5053 bail, 1524 5061 bellcrank, 1027 1989 spring.
E	1303 7726	carriage return bail	R	1303 9375	link
F	1303 7742	normalizing bail for "Carriage Return", "Form Space" and "Carriage Opening Mechanism"	S	1303 9797	link
G	1027 6160	spring	T	1303 9227	link
H	1010 0220	clip	U	1027 3399	spring
I	1303 9805	link	V	1342 7489	collar, use for carriage non-tabulate, carriage controlled, disabled from motor bar No. 1 and No. 4
J	1027 2979	spring	W	1027 6400	spring
K	1010 0238	clip	X	1337 4046	space collar
L	1303 7668	carriage return bail, all styles except style F212	Y	1303 7775	bail
	1303 7759	carriage return bail for style F212			

Gearbox

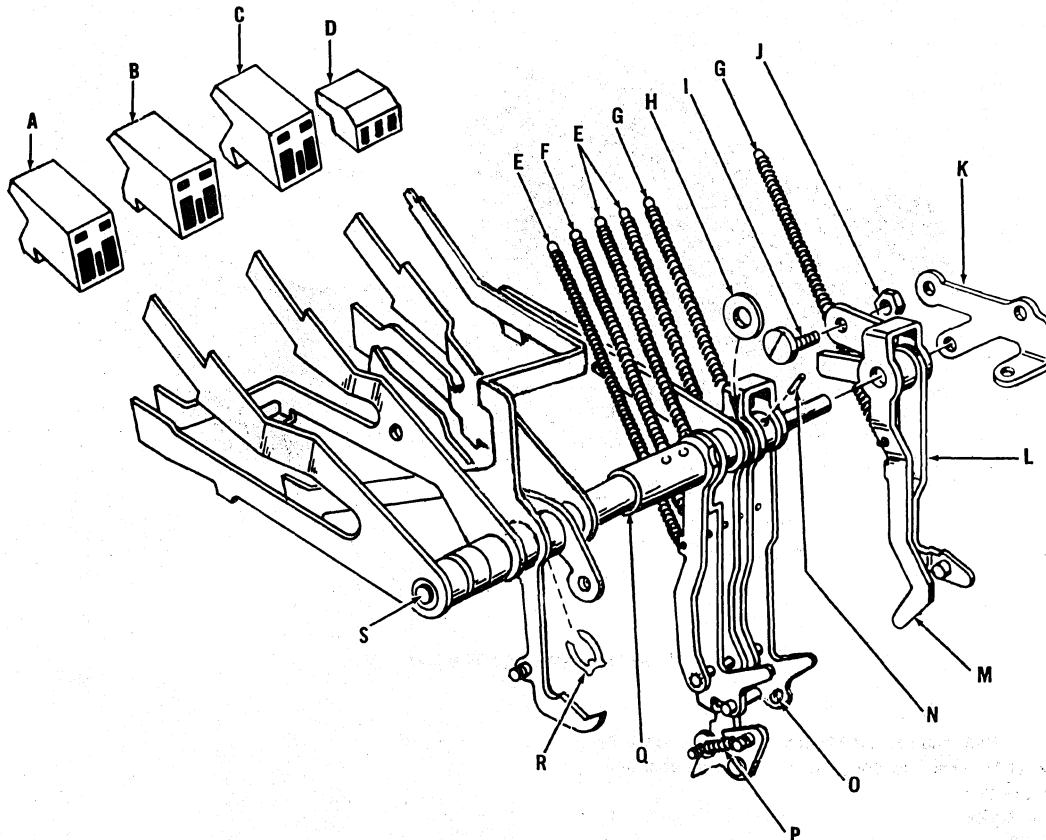
GEARBOX, ESCAPEMENT UNIT ASSEMBLY - F9000 (PLATE II-12)



1531 5633	complete gearbox and escapement unit assembly				
1504 1650	escapement unit assembly				
A	1504 9950	stop assembly			
B	1340 3464	screw			
✓ B-1	1010 4503	washer			
C	1329 1745	eccentric disk			
D	1504 1445	escapement ratchet			
E	1010 4149	shim			
F	1341 7654	collar			
G	1018 0768	spring			
H	1329 2131	backspace arm			
I	1255 3152	clip			
J	1510 8103	post			
K	1511 6650	eccentric stud			
✓ L	1503 7658	backspace arm			
M	1010 0360	nut			
N	1255 3129	clip			
O	1027 6921	spring			
✓ P	1502 0506	actuating arm			
✓ P-1	1025 5461	screw			
✓ P-2	1010 8751	eccentric			
Q	1026 9900	spring			
			R	1341 7639	screw
			S	1027 6798	spring
			T	1504 1866	bellcrank
			U	1056 0191	shoulder nut
			V	1010 0022	spring anchor
			✓ V-1	1503 7641	backspace cam
			W	1502 0514	backspace arm
			X	1027 6566	spring
			Y	1255 3103	clip
			Z	1523 5898	timing latch
			AA	1304 2973	spring
			AB	1049 1777	screw
			AC	1329 1752	tapped post
			AD	1329 2404	bracket
			AE	1343 0087	crew, use 1010 0428 nut
			✓ AF	1256 7434	lockwasher
			AG	1256 7731	lockwasher
			AH	1028 8793	screw
			AI	1256 5230	nut
			AJ	1502 8871	actuator arm
			AK	1027 2953	spring
			AL	1524 0740	spring
			AM	1018 0107	screw
			AN	1504 2047	cam arm
			AO	1027 6566	spring
			AP	1503 7997	adjustment plate
			AQ	1503 8029	arm assembly
			AR	1337 1778	shim
			AS	1255 3129	clip
			AT	1304 2973	spring
			AU	1502 8863	trip latch
			AV	1522 5246	roller
			AW	1026 9769	spring
			AX	1523 5906	escapement latch
			AY	1523 5997	shoulder spacer
			AZ	1504 1692	tab latch
			BA	1340 8901	spacer
			BB	1010 3927	spacer
			BC	1018 0008	screw
			BD	1504 8655	top plate
			BE	1338 7535	shoulder nut
			BF	1340 1427	eccentric bushing
			BG	1504 1825	latch
			BH	1026 9777	spring
			BI	1504 1726	latch
			BJ	1013 9335	spring
			BK	1504 1767	slide
			BL	1504 1742	latch assembly
			BM	1010 0386	nut
			BN	1504 1809	eccentric collar
			BO	1340 5923	screw

Gearbox

DIRECTIONAL CONTROL KEYS - F9000 (PLATE II-13)

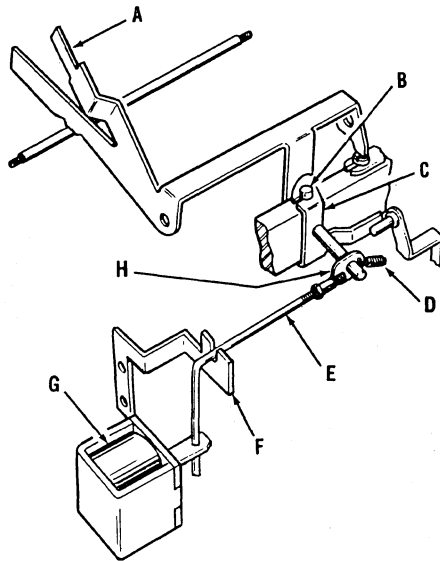


PART NUMBERS (PLATE II-13)

A	1528 0027	keytop, (CGE O-C)	K	1325 2895	brace
B	1528 0001	keytop, (RET)	L	1507 2069	arm
C	1528 0019	keytop, (TAB)	M	1507 1921	arm
D	1528 0035	keytop, carriage normalizing	N	1010 5625	pin
E	1026 9454	spring	O	1307 3390	kicker arm
F	1028 8942	spring	P	1304 2973	spring
G	1307 6146	spring	Q	1528 0068	tab and return key assembly
H	1010 4925	washer	✓ R	1503 1602	retaining clip
I	1507 2077	eccentric screw	✓ S	1528 0043	carriage open and close shaft assembly
J	1010 0360	nut			

Gearbox

FORM SPACE SOLENOID CONTROLLED (PLATE II-14)



PART NUMBERS (PLATE II-14)

A	1509 3073	space lever, use 1509 3149 keytop
B	1509 3016	pin, use 1255 3152 clip
C	1509 3024	actuator
D	1028 8637	spring
E	1509 3826	wire
F	1509 6258	bracket
G	1340 7267	solenoid, use: 1341 8678 plunger
H	1509 3834	turnbuckle

BASIC SERIES F

ACCOUNTING MACHINES

Includes

F25—F500,F700,F1000,F5000,F6000

SECTION

III

Burroughs

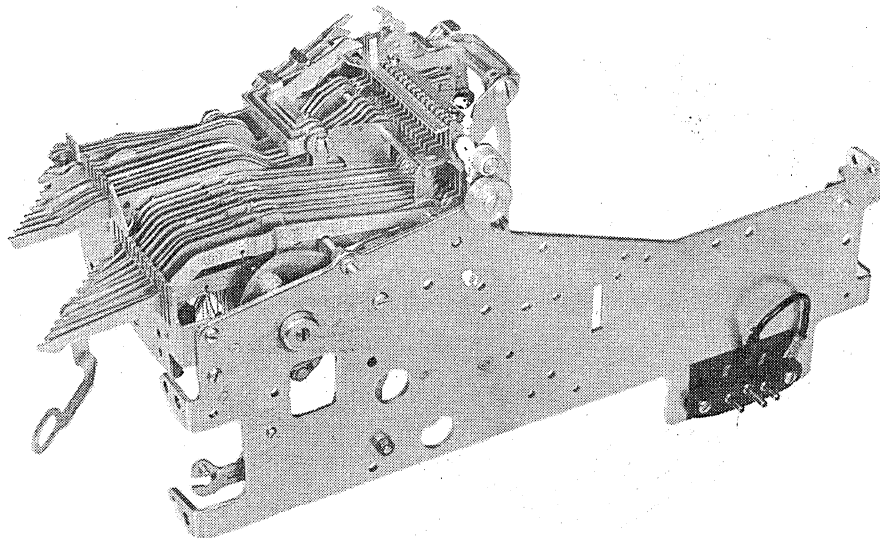
SENSING UNIT

FIELD ENGINEERING

PARTS CATALOG

Sensing Unit

COMPLETE SENSING UNITS (PLATE III-1)



PART NUMBERS (PLATE III-1)

NOTE: For styles and special features not listed, order by machine style, serial number, factory order number and describe features

Machine Styles	Part Numbers		
F6000			
F6050	1333 4206	F5250	1333 4230
F6101, F6103, F6104	1333 4099	F5301, F5303, F5501, F5503, F5510	1333 3828
F6201, F6203, F6204, F6221, F6223, F6281, F6282, F6284	1333 4149	F5401, F5403	1333 3844
F6211	1333 4107	F5706, F5707	1344 4849
F6212	1333 4115		
F6213	1333 4222	Machine Styles	Part
F6214	1333 4180	F25 thru F500, F700	Numbers
F6250	1333 4214	F25 thru Series F50	1333 3422
✓ F6260	1209 3001	Series F100 except styles F102	1333 3232
F6262, F6263	1333 4172	F102	1333 3257
✓ F6460, F6560	1209 0908	F250	1333 3471
F6301, F6303, F6501, F6503 after F154140P	1502 7428	F202, F211	1333 3299
F6305, F6505 after F154140P and Series F6300, F6500 (all styles) before F154141P	1333 4131	F201, F203, F204, F205, F210, F221, F223	1333 3273
F6401, F6403 after F154140P	1502 7410	F206	1333 3448
F6401, F6403 after F154141P and F6423	1333 4156	F212	1333 3414
F6404	1333 4123	F213	1333 3489
✓ F6707	1333 4164	F214 with overthrow latch controlled from lane 25	1333 3463
F6760	1333 4198	F214 without overthrow latch controlled from lane 25	1333 3398
F6761	1333 4248	Series F300 and F500 except styles F302, F502	1333 3315
✓ F6764	1209 1518	F302, F502	1333 3372
✓ F6765	1209 1864	F402	1333 3356
		F401, F403, F421, F423	1333 3331
Machine Styles	Part	F404	1333 3661
F5000	Numbers	F707	1333 4024
F5101, F5103	1333 3802	F760	1333 4073
F5201, F5203, F5204	1333 3810		
F5211	1333 3927		
F5212	1333 3794		
F5213	1333 3935		

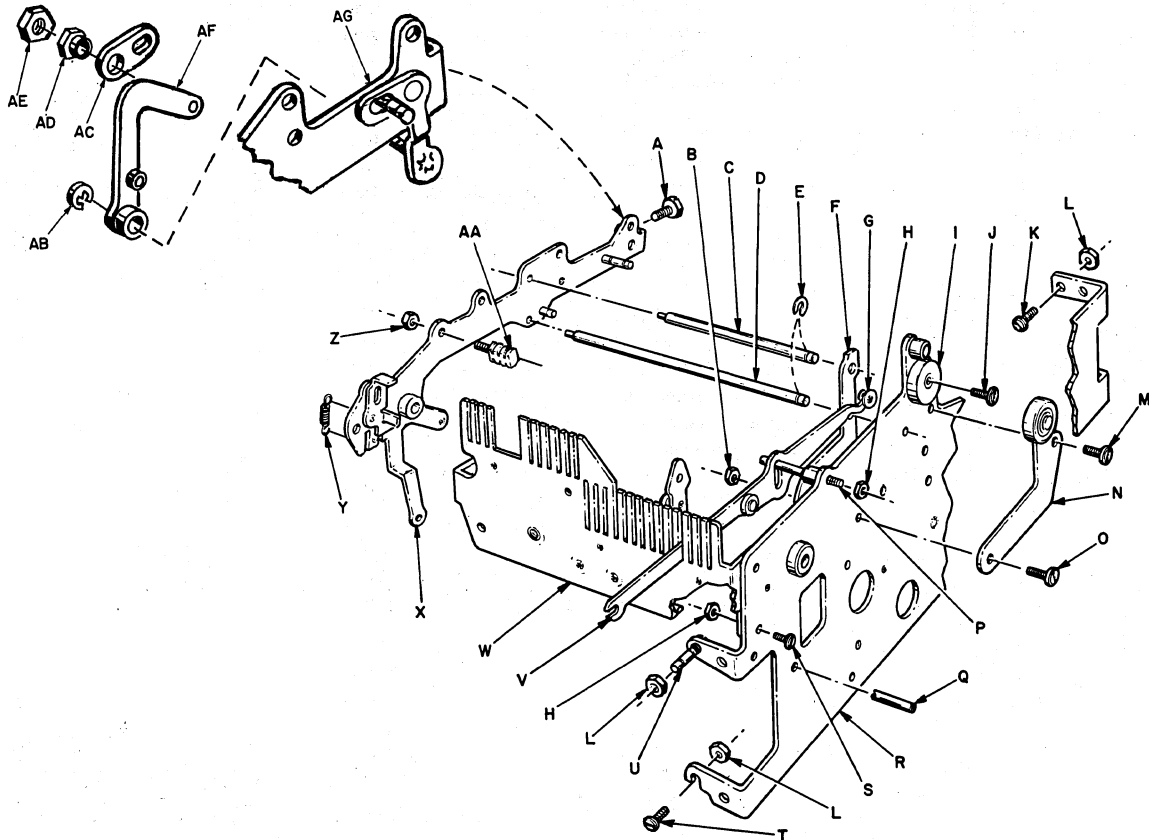
PART NUMBERS CONTINUED ON NEXT PAGE

Sensing Unit

PART NUMBERS (PLATE III-1) CONTINUED

Machine Styles	Part Numbers			F9000	PART NUMBER
F1000	Before	After	After	MACHINE STYLES	
	F110353P	F148849P	F154120P		
F1050	1333 3752	† **1502 9713		F9201, F9203, F9211	1504 8424
F1101, F1103	1333 3778	† **1502 9721		F9050	1504 8432
F1201, F1203, F1211	1333 3653	† **1502 9705		F9101, F9103	1504 8440
F1205	1333 3786	† **1502 9747		F9250	1504 8457
F1301, F1303,				F9301, F9303, F9431	1504 8333
F1501, F1503	1333 3562	**1511 6825	† 1502 9549	F9433, F9501, F9503	
F1302, F1502	1333 3505	**1511 6825		F9404	1504 8481
F1401, F1403 with-				F9706, F9707	1504 8465
out register					
selection from key-					
board column "0"	1333 3612	**1511 6890	† 1502 9531	** Machines before serial F148850P and after serial F110352P, use additional redesigned back space parts, 1510 5752 latch, 1511 6650 eccentric stud, 1511 6627 limit bracket, 1303 1745 screw and 1010 0378 nut	
F1401, F1403 with					
register selection				† Machines before serial F163678P and after serial F110352P require 1333 5922 skid, one inch long.	
from keyboard					
column "0"	1333 3562	**1511 6825			
F1404	1344 4864	**1511 6932			
F1423	1333 3612	† **1502 9697			
F1458		† **1502 9622			
F1706, F1707		† **1502 9754			

SENSING UNIT (PLATE III-2)



PART NUMBERS ON NEXT PAGE

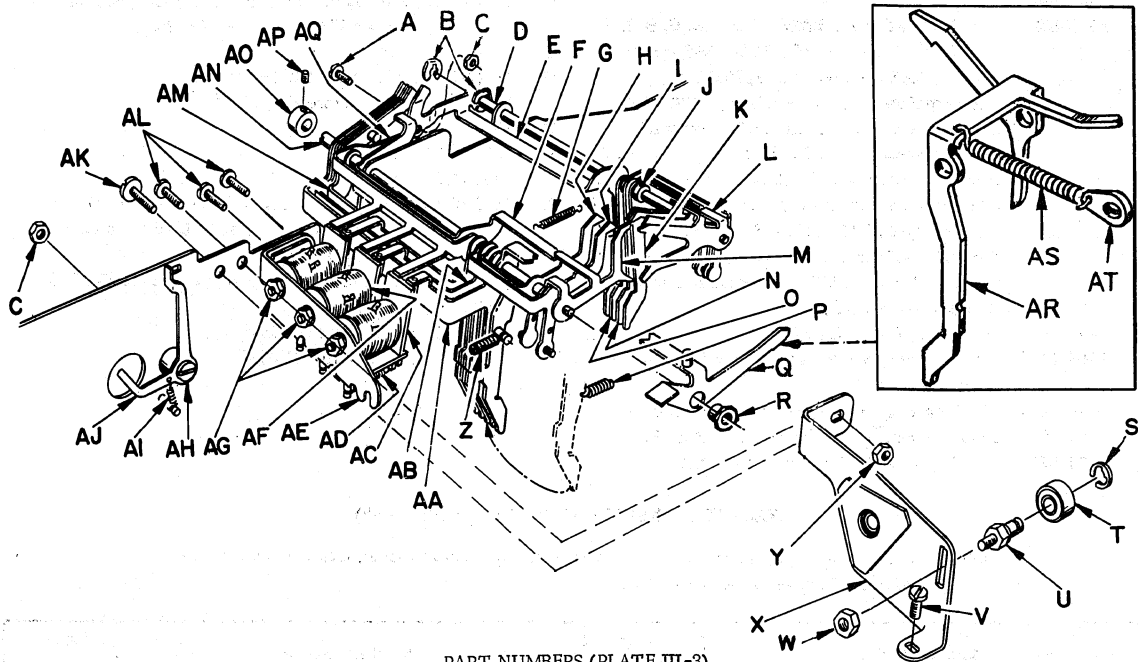
Sensing Unit

PART NUMBERS (PLATE III-2)

A	1012 0202	screw, use 1010 0402 nut	S	1304 0779	screw	
B	1010 0386	nut		1010 6847	screw, for machines with register selection key column 0 and 1 to operate machine	
C	1304 3146	shaft	T	1028 9262	screw	
D	1304 3153	shaft, after F23957P	U	1304 2296	screw, length 25/32" with 2 spring grooves	on all series except F5000
	1344 3346	shaft, before F23958P		1304 2304	screw, length 1 3/16" with 4 spring grooves	
E	1010 0154	clip		1048 3790	screw, for series F5000	
F	-- --	included in R	V	-- --	refer to SENSING LEVERS for part numbers	
G	1333 5211	rivet, for all lanes of control except lane 22	W	1333 4685	side plate	
	1333 5229	rivet, for lane 22	X	1506 0791	front plate, after F137143P	
H	1010 0378	nut		-- --	Between serial F137144P and F40793P, use 1506 0791 front plate and 1506 0775 eccentric shoulder screw.	
I	1506 6962	roller, use 1506 6970 eccentric		-- --	Before F40794P, use 1506 0791 front plate, 1506 0775 eccentric shoulder screw, 1333 5138 arm and camshaft (refer to COMPLETE SENSING CAMSHAFTS) for series F200, F400 except style F214.	
J	1340 4710	screw		-- --	Before F40794P, use 1506 0791 front plate, 1506 0775 eccentric shoulder screw and camshaft (refer to COMPLETE SENSING CAMSHAFTS) for series F50, F100, F300, F500 and style F214.	
K	1300 8065	screw	Y	1044 3133	spring	
L	1010 0402	nut	Z	1010 0360	nut	
M	1010 9981	screw	AA	1304 4698	guide screw	
N	1333 5591	brace, for 22" carriage before F49461P	AB	1255 3129	clip	
O	1010 9601	screw	AC	1511 6593	link	
P	1333 5740	threaded shaft	AD	1340 2375	eccentric	
Q	1304 3161	shaft	AE	1010 0428	nut	
R	1304 3831	back plate, for series F25 thru F500 and F700, F5000 after F131381P.	AF	1511 6569	lever	
	-- --	Before F131382P, use 1304 3831 back plate, 1333 5138 arm for series F25, F50, F100, F200, F400, F5000 except styles F404, F5301, F5303, F5501, F5503.	AG	1511 6619	front plate, for F1000 after F148849P	
	1333 6714	back plate, for series F6000 after F131381P.				
	-- --	Before F131382P, use 1333 6714 back plate, 1333 5138 arm for series F6050, F6100, F6200, F6400 except styles F6291, F6293, F6404.				
	1333 6680	back plate, for F211, F212				
	1333 6748	back plate, for F6211, F6212				
	1333 6698	backplate, for series F5100, F5200, F5400				
	1333 6706	backplate, for series F5300, F5500				
	1304 3849	backplate, for series F200, F400, with counter dials (4) selected by registers 1-2-3-4 respectively, advance carriage controlled with or without amount keys depressed, lane 24				

Sensing Unit

SENSING UNIT (F1000, F9000) (PLATE III-3)

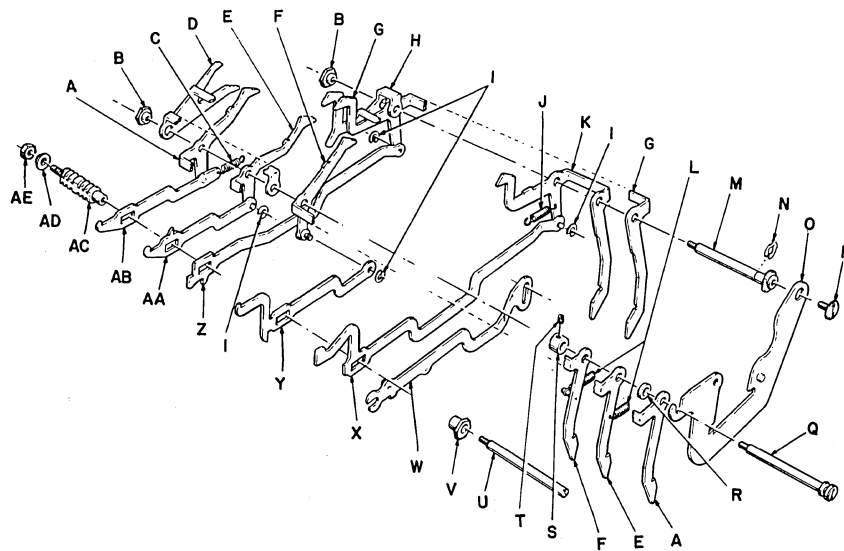


PART NUMBERS (PLATE III-3)

✓ 1504 9505	Complete Skip Latch Solenoid & Card Assembly (Ball Printer), includes 1504 8879 printed circuit card (3 diodes)	X 1336 7503	brace
A 1010 9775	screw	Y 1010 0360	nut
B 1010 0238	clip	Z 1014 7650	spring, use 1010 0063 anchor
C 1010 0444	nut	AA 1333 4792	bail, lane 30, after F104404P. Use 1333 4792 bail and 1333 4784-bail before F104405P
D 1333 5799	shaft	AB 1333 4784	bail, lane 29, after F104404P. Use 1333 4784 bail and 1333 4792 bail before F104405P
E 1333 4750	bail, lane 27	AC 1333 6581	clapper
F 1333 5989	bail, after F81261P	✓ AD 1026 9306	spring
1333 5971	bail, before F81262P	1341 0311	spring, ball printer
G 1027 3225	spring, use 1300 1409 anchor	AE 1333 6011	brace
H 1333 4735	latch, lane 5	✓ AF 1503 1701	solenoid assembly, use 1303 6595 spacer
I 1333 4701	latch, lane 2	1527 1299	solenoid assembly, ball printer
J 1015 1611	collar, use 1011 0070 setscrew	AD 1026 9306	spring
K 1333 4727	latch, lane 4	AE 1333 6011	brace
L 1304 4185	arm	AF 1503 1701	solenoid assembly, use 1303 6595 spacer
M 1333 5047	arm	AG 1342 8370	nut, use 1256 7459 lockwasher
N 1333 4719	latch, lane 3	AH 1341 8157	screw
O 1333 4693	latch, lane 1	AI 1027 6848	spring
P 1026 9355	spring	AJ 1336 8113	lever
Q 1511 6635	back space bail, after F148849P	AK 1010 5161	screw, use 1028 7084 cable clamp
1333 4776	back space bail, before F148850P	AL 1010 9981	screw
R 1338 7725	hex shoulder nut	AM 1333 4743	bail, lane 28
S 1255 3152	clip	AN 1333 5823	shaft, after F104404P
T 1341 8447	idler roll for belt drive	1333 5807	shaft, before F104405P
1338 7154	sprocket for chain drive	AO 1025 8465	collar
U 1341 8173	post for belt drive	AP 1255 7807	setscrew
1329 2412	idler bracket with post attached for chain drive, use 1257 2962 screw and 1256 5263 nut	AQ 1333 5963	latch bail
1502 2585	idler bracket for style F1423 only, use 1256 4514 screw, 1256 7459 lockwasher, 1256 5263 nut	AR 1502 8889	back space bail, after F164776P Use 1502 8889 back space bail, 1026 6377 spring anchor and 1340 9875 spring before F164777P and after F148849P
V 1017 3201	screw	AS 1340 9875	spring
W 1010 0402	nut	AT 1026 6377	spring anchor

Sensing Unit

SENSING UNIT - LINKS (PLATE III-4)



PART NUMBERS (PLATE III-4)

A	1304 3914	latch, after F52884P	} lane 1	P	1340 7804	screw
	1304 3906	latch, before F52885P		Q	1333 5203	shoulder screw post, after F47633P. Use 1333 5203 shoulder screw post and 1333 5195 support before F47634P
B	1028 8041	shoulder nut		R	1304 4516	space collar
C	1026 9736	spring		S	1337 9706	set collar, includes T
D	1304 4185	arm		T	1255 7575	setscrew, included in S
E	1304 3930	latch, after F52884P	} lane 3	U	1304 3179	shaft
	1344 6638	latch, before F52885P		V	1304 4490	eccentric bushing
F	1304 3948	latch, after F52884P	} lane 4	W	-- --	refer to SENSING LEVERS for part numbers
	1344 6505	latch, before F52885P		X	1304 4011	link, lane 5
G	1304 3922	latch, after F52884P	} lane 2	Y	1304 4003	link, lane 4
	1344 6620	latch, before F52885P		Z	1304 3989	link, lane 2
H	1304 4193	latch		AA	1304 3997	link, lane 3
I	1010 0147	clip		AB	1304 3971	link, lane 1
J	1026 9884	spring		AC	1304 4672	threaded guide post
K	1304 3955	latch, after F52884P	} lane 5	AD	1304 4482	flanged bushing
	1344 6513	latch, before F52885P		AE	1010 0360	nut
L	1027 3241	spring				
M	1304 4664	tapped post				
N	1010 0238	clip				
O	1333 5195	support, after F47633P. Use 1333 5195 support and 1333 5203 shoulder screw post before F47634P				

Sensing Unit

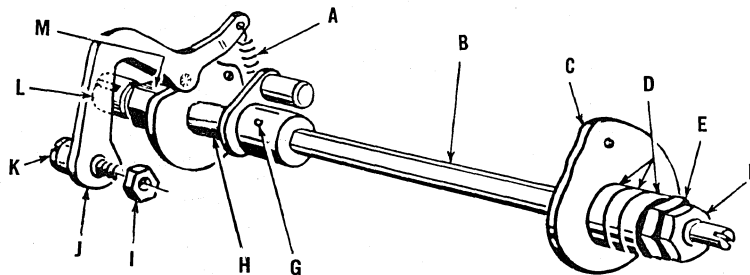
SENSING LEVERS (PLATE III-5)

Lane of Control	Function	Lever	Spring	Lane of Control	Function	Lever	Spring
1	Selective Tab.	* 1304 4029	1304 4821	22	Print Control for all styles ex- cept series F1000 and style F5212 for F1000	1304 3666	1304 4847
2	Selective Ret.	* 1304 4037				1333 4420	
3	Selective Tab.	* 1304 4037				1333 4461	
4	Selective Tab.	1344 4716		23	C Sub. Tot. or RB 4 DL1 for all styles except series F5000. for all series	1304 3724	1304 4847
5	Selective Ret.	1304 3369				1333 4479	
6	Actuating Arm	1304 3385				1333 4461	
7	A Tot.	1304 4177		24	Count Dial Auto Count	See Plate III-16	1304 4847
8	A NA & Subt.	1304 3401				See Plate III-16	
9	A Sub. Tot.	1304 3419		25	Reg. Sel. for Series F200, F400, F5200, F5400, F6200, F6400	1304 3690	
10	B Sub. Tot.	1333 4388				1333 4446	1304 4847
11	B Tot.	1333 4396				See Plate III-15	
12	B NA & Subt.	1344 5184					
13	RR	1304 3450					
14	Form Space	1304 3476					
15	Cge. Open	1304 3492					
16	DS or DSR	1304 3518					
17	Net Proof	1304 4250					
18	C NA & C Subt.	1304 3534	1304 4821				
19	Count Dial	1304 3559					
20	Count Reg.	See Plate III-17					
21	MBR	1304 3575					
	RRS	+ 1304 3591					
	NT & S	1304 3740					
	C Tot., AIM, DR	1304 3625					
	Rept. & Rept. KB	1304 3641					

* Use 1304 4029, 1304 4037 (2 req.), 1304 4698 on machines built before B237659

+ Use 1344 3379 on machines built before F19272P

SENSING CAMSHAFTS (PLATE III -6)



PART NUMBERS ON NEXT PAGE

Sensing Unit

PART NUMBERS (PLATE III-6)

A	1027 7457	spring	E	1333 6003	nut, after F75869P. Use 1333 6003 nut and 1304 4573 nut before F75870P
B	1333 4040	camshaft, after F126920P, includes G, H, I, N Use 1333 4040 camshaft, 1342 7349 sleeve before F126921P and after F42335P. Use complete sensing camshaft, 1506 0791 front plate assembly, 1506 0775 eccentric shoulder screw, 1333 5138 arm for series F200 and F400, except style F214, before F42336P. Use complete sensing camshaft, 1333 5138 arm for style F214, before F42336P. Use 1333 5872 cam and sleeve, 1337 1075 space collar and 1506 0775 eccentric screw to repair worn shaft.	F	1304 4573	nut
			G	1010 0519	pin, after F126920P
				1011 9972	pin, before F126921P
			H	1342 7349	sleeve
			I	1010 0360	nut
			J	1304 3765	detent
			K	1506 0775	eccentric shoulder screw, after F137143P
				1343 0228	shoulder screw, after F41292P and before F137144P
				1344 6521	eccentric shoulder screw, before F41293P
C	-- --	refer to SENSING CAMS	L	1304 4680	coupling
D	1304 4466	.075" spacer, use between cams in adjacent lanes of control	M	1342 8263	nut, after F18267P
	1010 9924	.125" spacer, use where a cam is omitted		1338 7584	nut, before F18268P
	1029 4866	.144" spacer			
	1015 1736	.110" spacer			

COMPLETE SENSING CAMSHAFTS (PLATE III-7)

NOTE: For styles and special features not listed, order by machine style, serial number, factory order number, and describe feature.

Machine Styles	Part Numbers	Machine Styles	Part Numbers
✓ F25, F1050, F9050, F6050 and series F50 and for above styles with counter dial to count machines operations, carriage controlled	* 1333 3380	F214 without overthrow latch controlled from lane 25	1333 3349
✓ Series F100, F1100, F9101, F9103, F5100, F6100 and for above styles with counter dial to count machine operations, carriage controlled or with calendar feature with advancing month and year control, carriage controlled	* 1333 3216	F206 also for F211, F6211 with automatic fee indexing mechanism	1333 3406
✓ Series F200, F1200, F9201, F9203, F9211, F5200, F6200 except styles F211, F212, F214, F250, F1250, F5211, F5212 and for above styles with counter dial to count machine operations, carriage controlled or with calendar feature with advancing month and year control, carriage controlled	* 1333 3265	F223 with repeat of columns, specify, carriage controlled	1333 3539
For above styles with repeat of columns, specify, carriage controlled	1333 3539	F5250	1333 4081
✓ F250, F1250, F6250, F9250 and for above styles with counter dial to count machine operations, carriage controlled	1333 3430	Series F300, F500, F1200, F1500, F1700, F5300, F5500, F5700, F6300, F6500 and styles F707, F6291, F6293, F6707 except styles F302, F502, F1302, F1502	* 1333 3240
F211, F5211, F6209, F6211	1333 3281	for above styles with repeat of columns, specify, carriage controlled	1333 3513
F212, F5212, F6212	1333 3364	Series F400, F1400, F5400, F6400 except styles F404, F1404, F6404	* 1333 3307
F214 with overthrow latch controlled from lane 25 and F6214	1333 3455	for above styles with repeat of columns, specify, carriage controlled	1333 3570
		✓ F302, F502, F1302, F1502, F404, F1404, F6404	1333 3323
		F9301, F9303, F9431, F9433, F9501, F9503, F9404, F9706, F9707	1333 3554
		For above styles with repeat of columns, specify, carriage controlled	1333 4065
		F760, F6760, F6761	1209 3027
		✓ F6260	1209 0882
		✓ F6460, F6560	1209 1872
		✓ F6764, F6765	

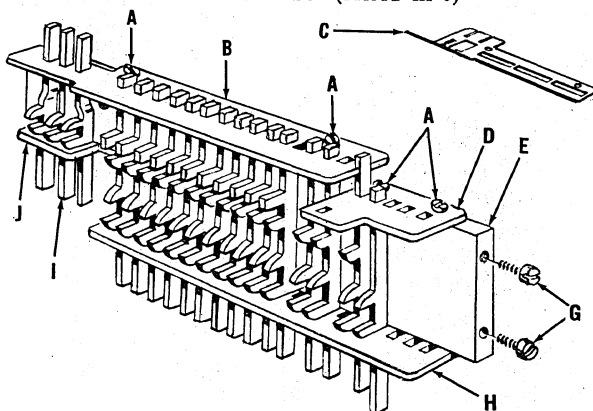
* - Use 1506 0791 front plate assembly, 1506 0775 eccentric shoulder screw, in addition to the above camshafts, for all series F50, F100, F300 and style F214 without overthrow latch controlled from lane 25, on machines built before serial F39943P.
Use 1506 0791 front plate assembly, 1506 0775 eccentric shoulder screw, and 1333 5138 in addition to the above camshafts for all series F200, F400 and style F214 with overthrow latch controlled from lane 25, on machine built before serial F39740P.

Sensing Unit

SENSING CAMS (PLATE III-8)

Lane of Control	PART NUMBERS	Cam Usage	Lane of Control	PART NUMBERS	Cam Usage
6	1333 4305		18	1304 3260	
✓ 7	1304 3245	after serial F23110P. Use 1304 3245 cam, 1302 8576 sensing pin before serial F23111P	19	1304 3245	
8	1333 4305		20	1333 4305	all series F25 thru F500, F700, F1000, F5000, F6000, F9000, except styles F212, F5212, F6212
9	1333 4313			1304 3336	for styles F212, F5212, F6212
10	1333 4305		21	1304 3286	
✓ 11	1304 3245	after serial F23110P. Use 1304 3245 cam, 1302 8576 sensing pin before serial F23111P		1333 4362	for repeat of columns (specify) carriage control
12	1304 3252		✓ 22	1333 4321	
13	1304 3278			1304 3328	F9000
14	1304 3260		✓ 23	1333 4305	
15	1304 4219			1333 4321	F9000
✓ 16	1333 4354	after serial F48527P. Use 1333 4354 cam, 1302 8485 sensing pin before serial F48528P	✓ 24	1304 3328	
17	1304 3310	for series F100, F200, F1100, F1200, F5100, F5200, F6100 and F6200 with counter dial, use 1304 4466 washer		1333 4305	F9000
✓	1304 3245	for series F300, F400, F500, F1300, F1400, F1500, F5300, F5400, F5500, F6300, F6400, F6500, F9000 non-add-subt., after serial F23110P. Use 1304 3245 cam, 1302 8576 sensing pin before serial F23111P	25	1333 4347	for series F200, F400, F1200, F1400, F5200, F5400, F6200, F6400, after serial F39739P, also use 1304 4235 cam } except style F214 without overthrow latch
					Use 1333 4347 cam, 1304 4235 cam, 1333 5138 arm before serial F39740P. Use 1333 4347 cam only for style F214 without overthrow latch
				1304 3302	for series F300, F500, F1300, F1500, F5300, F5500, F6300, F6500, F9000, after serial F20841P. Use 1304 3302 cam, 1304 4292 bellcrank before serial F20842P

SENSING TAPPETS (PLATE III-9)



PART NUMBERS (PLATE III-9)

A	1010 3380	screw	1333 5252	block for style F206 and repeat of motor bar 4 and disabling of lane 1 tabulation (RB4DL1) lane 23
B	1304 3781	plate		
C	1304 3807	guide plate for tappets, all series except F1000		
	1333 4545	guide plate for series F1000		
D	1333 4529	guide plate for tappets, all series except F1000	G	1010 9197 screw, all series
	1333 4552	guide plate for series F1000	H	1304 3773 guide plate all series except F1000
E	1304 4854	block, all styles except F206 and repeat of motor bar 4 and disabling of lane 1 tabulation (RB4DL1) lane 23		1333 4537 guide plate series F1000
			I	-- -- refer to TAPPETS BY LANES OF CONTROL
			J	1304 3799 guide plate, use 1010 3380 screws

PART NUMBERS CONTINUED ON NEXT PAGE

Sensing Unit

PART NUMBERS (PLATE III-9) CONTINUED

✓ COMPLETE TAPPET UNITS

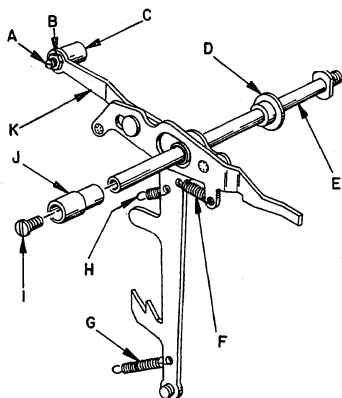
MACHINE STYLES	PART NUMBERS	MACHINE STYLES	PART NUMBERS
Styles F25, F760, F6059, F6760, F6761, series F50	1304 4920	Series F5300, F5500	1304 5018
Series F100, F6100, style F6707	1304 4862	Series F5400	1304 5034
Styles F250, F6250	1304 4946	Style F1050, F9050	1333 5302
Series F200, F6200 except styles F206, F212, F250, F6212, F6250	1304 4870	Series F1100, F1300, F1500 and styles F1404, F1707, F9101, F9103, F9301, F9303, F9431, F9433, F9501, F9503	1333 5294
Style F206	1304 4938	Series F1200 except style F1250, F9201, F9203, F9211	1333 5260
Styles F212, F6212	1304 4912	Style F1250, F9250	1333 5310
Series F300, F500, F6300, F6500 and styles F404, F707, F6404	1304 4888	Series F1400 except style F1404	
Series F400, F6400 except styles F404, F6404	1304 4904	F9404	1333 5245
Series F5100 and style F5707	1304 4995	F9706, F9707	1503 1198
Series F5200 except styles F5212, F5250	1304 5000	F6260	1209 3019
Style F5212	1304 5026	F6460, F6560	1209 0890
Style F5250	1304 5042	F6764, F6765	1209 1526

✓ TAPPETS BY LANES OF CONTROL

LANE OF CONTROL	PART NUMBERS	MACHINE STYLES	LANE OF CONTROL	PART NUMBERS	MACHINE STYLES
3	1304 4102	all series except F1000	21	1304 4086	all series except F1000
	1511 6759	series F1000, F9000		1333 4875	series F1000, F9000
4	1304 4060	all series except F1000	22	1304 4078	all series except F1000
	1511 6775	series F1000, F9000		1333 4867	series F1000, F9000
5	1304 4094	all series except F1000	23	1304 4078	series F300, F400, F500, F6300, F6400, F6500, F5000 and style F206
	1511 6767	series F1000, F9000		1333 4867	Series F1300, F1400, F1500, F9000
6 thru 16	1304 4052	all series except F1000	24	1304 4078	series F5300, F5400, F5500
	1333 4842	series F1000, F9000		1304 4169	series F200, F300, F400, F500, F6000 with automatic count or counter dial
17	1304 4052	series F300, F400, F500, F5300, F5400, F5500, F6300, F6400, F6500		1333 4917	series F1000, F9000
	1304 4144	series F50, F100, F200, F6100, F6200 with counter dial	25	1304 4078	series F200, F400, F5200, F5400, F6200, F6400 and style F206
	1333 4842	series F1300, F1400, F1500		1304 4128	series F300, F500, F5300, F5500, F6300, F6500
18 and 19	1304 4052	all series except F1000		1333 4867	series F1200, F1400 and F9000 with Reg. Sel., 4 Reg. Const.
	1333 4842	series F1000		1333 4909	series F1300, F1500 and F9000 with Reg. Sel., 9 Reg. Const.
20	1304 4052	series F300, F400, F500, F5300, F5400, F5500, F6300, F6400, F6500 and styles F206, F5212, F6212			
	1333 4842	series F1300, F1400, F1500			

Sensing Unit

SENSING LEVER BELL CRANKS (PLATE III-10)



PART NUMBERS (PLATE III-10)

A	-- --	post, included in C, on bellcranks not having replaceable roller
	1304 2346	eccentric screw post, for bellcranks having replaceable roller
B	1010 0436	nut, for bellcranks without replaceable roller
	1010 0378	nut, for bellcranks with replaceable roller
C	1326 2241	post and roller assembly, includes A
D	1304 0571	collar, width .164" for lane 15, lane 20 for F212, F5212, lane 23 for net proof dual
	1304 0712	collar, width .100", lane 1 thru 5
	1344 3338	collar, width .125" has .047" shoulder, for lane 6 thru 13, 16, 18, 19; lane 20 except for styles F212, F5212 and series F300, F400, F500, F1300, F1400, F1500; lane 21, 22; lane 23 except for net proof dual
	1304 0597	collar, width .125" has .057" shoulder for lane 17; lane 20 of series F300, F400, F500, F1300, F1400, F1500
	1304 0589	collar, width .86" for lane 14
E	1304 1728	post for bellcranks, lanes 1 thru 23, use 1304 1652 post for series F50 thru F200 before serial F25673P
F	1027 6871	spring after serial F20170P
	1304 2999	spring before serial F20171P
G	1044 1939	spring, lane 15
	1027 1971	spring, lane 18
	1343 0699	spring, lane 19, 21, use 1027 2912 lane 21 for series F6000
	1027 7176	spring, lane 20
H	1026 9900	spring, lane 15
	1027 6871	spring, lane 20 (broken joint)
	1027 6798	spring, lane 21
I	1010 8983	screw length .310"
	1010 8991	screw length .247"
J	1304 0647	spacer length .860" for lane 1 thru 23 except lanes 1 thru 11 of series F5300, F5400, F5500 and machines with net proof dual
	1337 7338	spacer length .735" for lanes 1 thru 11 of series F5300, F5400, F5500
	1342 6820	spacer length .571" lanes 1 thru 11 for machines with net proof dual
K	-- --	sensing lever bellcranks

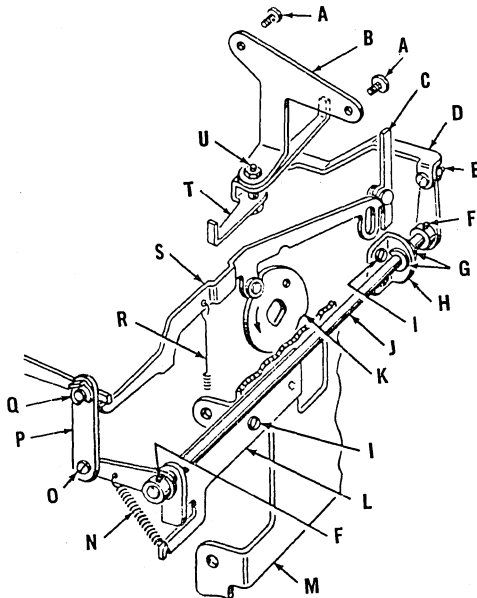
Lane of Control	Part Number	Sensing Lever Bellcranks
1	1303 7239	use 1027 6392 spring
2	1303 7247	
3	1303 7254	
		use 1027 6392 spring except for machines having carriage return or lane 3 tab indexed when amount in C.F.A. is minus, use 1014 6280 spring
4	1303 7262	
5	1303 7270	
6	1303 7288	
7	1325 1525	use 1325 1525 bellcrank, 1325 1541 bellcrank, 1325 1947 bail, 1325 5120 latch (2), 1343 0814 spring (2) when replacing a bellcrank not having a hook for latch plate
	1325 1566	for machines with CF "A" add symbol omitted
8	1303 7296	after serial F20512P except styles F25, F50, F51 F55, F250, F1050, F1250, F9050, F9250. Use 1303 7296 bellcrank, 1325 1947 bail, 1325 5120 latch (2), 1343 0814 spring (2), 1303 8088 link, 1303 8062 link, 1027 2979 spring (3) before serial F20513P
	✓ 1303 7304	for styles F25, F50, F51, F55, F250, F1050, F1250, F9050, F9250
9	1325 1533	after serial F39209P
	1344 5176	before serial F39210P
10	1303 7320	
11	1325 1541	for machines without net proof dual, use 1325 1541 bellcrank, 1325 1525 bellcrank, 1325 1947 bail, 1325 5120 latch (2), 1343 0814 spring (2), when replacing a bellcrank not having a hook for latch plate
	1303 7338	for machines with
	1303 7346	net proof dual
	1325 1558	for machines with "B" add symbol omitted
	1303 7361	used in conjunction with bellcrank in lane 3 for carriage return or lane 3 tab indexed where amount in C.F.A. is minus, use 1027 3209 spring
12	1303 7411	after serial F27977P, use 1027 1971 spring
	1303 7395	before serial F29978P
13	1303 7429	use 1044 1939 spring
14	1303 7445	
15	1303 7502	after serial F20170P. Use 1303 7502 bellcrank, 1303 9227 link, 1303 9730 link, 1027 6871 spring, 1044 1939 spring before serial F20171P
16	1303 7452	for series F300, F400, F500, F1300, F1400, F1500 with net proof dual and style F25 and series F100, F200, F1000, F1100, F1200, F9000, F9100, F9200, F9700
	1303 7460	for series F300, F400, F500, F1300, F1400, F1500 without net proof dual and series F5300, F5400, F5500, F9300, F9400, F9500

Sensing Unit

PART NUMBERS (PLATE III-10) CONTINUED

Lane of Control	Part Number	Sensing Lever Bellcranks	Lane of Control	Part Number	Sensing Lever Bellcranks
17	1325 1590	use 1325 1590 bellcrank, 1325 1947 bail, 1303 7460 bellcrank, 1325 5120 latch (2), 1343 0814 spring (2) when replacing a bellcrank not having a hook for latch plate		1303 7627	for styles F212, F5212 except with automatic fee indexing mechanism
	1325 1616	for machines with net proof dual		1325 1640	for style F212 with automatic fee indexing mechanism and style F206
	1325 1699	for machines with "C" add symbol omitted	21	1303 7536	for machines with repeat of machine operation or repeat of machine operation and keyboard
18	1303 7478	for all styles except F212, F213, F402, F404, F1404, F5212, F5213, and machines with carriage non-tab, carriage controlled disabled from motor bars 1 and 4		1303 7544	for machines with repeat of keyboard or repeat of keyboard and machine operation
	1303 7486	for styles F212, F213, F402, F404, F1404, F5212, F5213 and machines with carriage non-tab, carriage controlled disabled from motor bars 1 and 4	22	1303 7551	for all styles, except with non-add, non-clear
19	1303 7593	for series F50, F100, F200, F1100, F1200, with carriage non-tab carriage controlled disabled from motor bars 1 and 4, and styles F213, F5213	23	1303 7635	for all styles with non-add, non-clear
	1303 7601	for style F206 and series F300, F400, F500, F1300, F1400, F1500 with carriage non-tab carriage controlled disabled from motor bars 1 and 4, and styles F212, F404, F1404, F5212		1325 1608	for series F300, F400, F500, F1300, F1400, F1500
20	1303 7528	for series F300, F400, F500, F1300, F1400, F1500		1325 1715	for series F5300, F5400, F5500 without net proof dual
				1325 1723	for series F5300, F5400, F5500 with net proof dual
				1303 7569	for styles F212, F6211, F6212 with automatic fee indexing mechanism, series F200 with repeat of bar 4 and non-skip from bar 1 and 4 carriage control and style F206
				1303 7585	for net proof dual

REPEAT OF MOTOR BAR 4 AND DISABLING OF LANE 1 TABULATION (RB4DL1) LANE 23 (PLATE III-11)



PART NUMBERS (PLATE III-11)

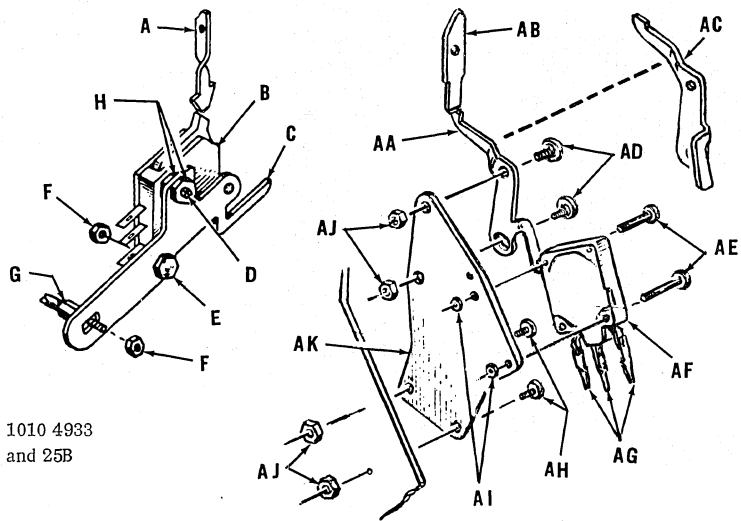
A	1044 1889	screw	
B	1333 5393	brace	
C	-- --	refer to TAPPETS BY LANES OF CONTROL	
D	1333 5567	after serial F55286P	link, includes T
	1333 5559	before serial F55287P	
E	1028 9122	screw, use 1010 0451 nut	
F	1342 8529	pin	
G	1010 0147	clip	
H	1333 5419	brace	
I	1013 9053	screw, use 1010 0394 nut	
J	1333 5500	shaft	
K	-- --	refer to SENSING CAMS	
L	1333 5443	brace	
M	-- --	refer to SENSING UNIT	
N	1028 7951	spring	
O	1340 1393	screw, use 1010 0451 nut	
P	1325 5286	link	
Q	1010 0220	clip	
R	1304 4821	spring	
S	-- --	refer to SENSING LEVERS	
T	-- --	included in D	
U	1340 2888	screw after serial F55286P	use 1010 0394 nut
	1010 8793	screw before serial F55287P	

Sensing Unit

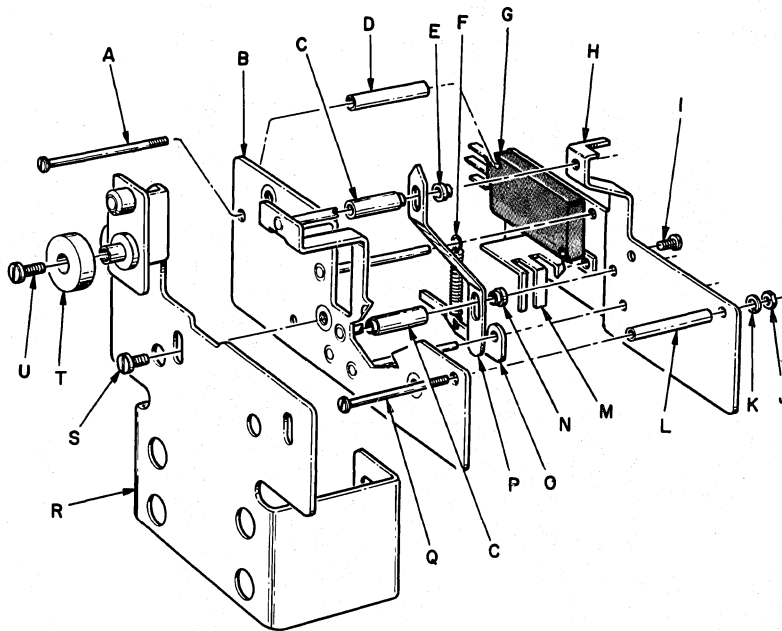
CONTROL SWITCH LANES 25A, 25B (PLATE III-12)

PART NUMBERS (PLATE III-12)

A	-- --	refer to CONTROL UNIT
B	1341 1509	switch
C	1333 5732	plate
D	1343 0459	screw
E	1011 0146	screw
F	1010 0378	nut
G	1333 5740	threaded post
H	1342 8321	nut
I	1333 6888	actuator
	1333 6938	actuator for series F1000
AB	-- --	refer to CONTROL UNIT
AC	1333 6896	actuator
AD	1035 0924	screw
AE	1343 0350	screw, use 1257 0339 screw, 1010 4933 washer when using lanes 25A and 25B
AF	1343 1242	switch, includes AG
AG	1311 8559	terminal, included in AF
AH	1303 1364	screw
AI	1010 0477	nut
AJ	1010 0360	nut
AK	1333 6870	plate



LANE SWITCH ASSEMBLY (PLATE III-13)



PART NUMBERS (PLATE III-13)

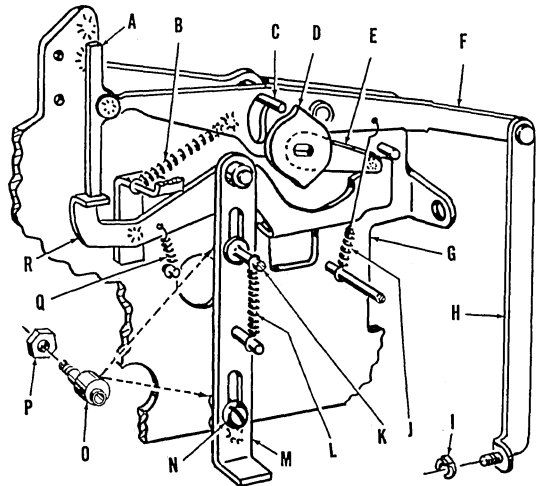
A	1340 4678	screw	I	1256 0124	screw, use 1256 7400 lockwasher, 1256 5180 nut	O	1333 7035	link
B	1333 6987	plate	J	1256 5180	nut	P	1333 7027	actuator
C	1337 7387	spacer	K	1256 7400	lockwasher	Q	1340 4660	screw
D	1337 7403	spacer	L	1337 7395	spacer	R	1333 6979	brace
E	1337 7056	shoulder spacer	M	1333 7118	divider	S	1340 4686	screw
F	1340 9982	spring	N	1337 7064	shoulder spacer	T	1337 4574	roller
G	1343 1242	switch				U	1025 9554	screw
H	1333 7019	plate						

Sensing Unit

SENSING BACK PLATE CONTROLS FOR 4 REGISTER SELECTION (PLATE III-14)

PART NUMBERS (PLATE III-14)

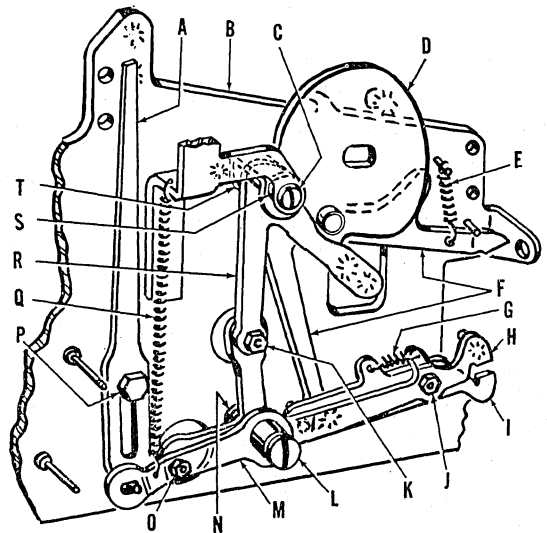
A	1304 4078	tappet
B	1028 9163	spring
C	1333 5740	post, use 1010 0378 nut
D	-- --	refer to SENSING CAMS
E	-- --	refer to SENSING CAMS
F	1304 3690	sensing lever, includes H
G	-- --	refer to SENSING UNIT
H	-- --	included in F
I	1010 0220	clip
J	1304 4847	spring
K	1344 4724	spring stud screw
L	1028 8637	spring
M	-- --	included in R
N	1044 3117	screw
O	1304 4789	screw
P	1010 0428	nut
Q	1027 3191	spring
R	1333 5138	bellcrank after serial F39739P. Use 1333 5138 bellcrank, 1333 4347 cam, 1640 5599 cam on series F200, F400 with overthrow latch controlled from lane 25 before serial F39740P. 1333 4347 cam and 1333 5138 bellcrank not used on style F214 without overthrow latch controlled from lane 25



SENSING BACK PLATE CONTROLS FOR 9 REGISTER SELECTION (Plate III-15)

PART NUMBERS (Plate III-15)

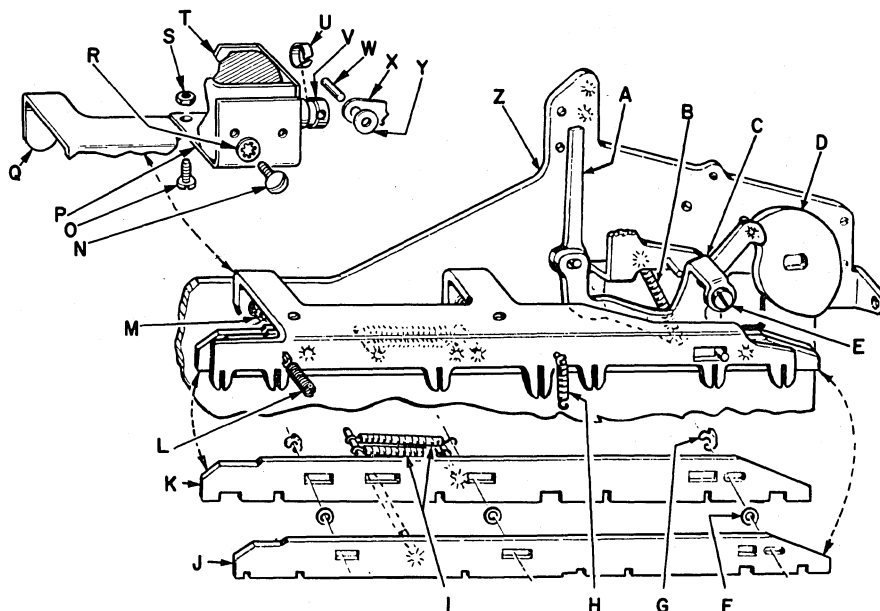
A	1304 4128	tappet
B	-- --	refer to SENSING UNIT
C	1300 6788	screw
	1304 4730	post
	1010 9601	screw on back plate
	1010 0238	clip
	1640 5615	post
	1010 0360	nut
D	-- --	refer to SENSING CAMS
E	1035 1518	spring
F	1304 4045	arm
G	1027 2839	spring
H	1304 4334	slide actuator, includes G, I, J, M, O, use 1343 3966 slide for multiple counter dials
I	-- --	included in H
J	1010 0469	nut, use 1343 0152 hex head screw, 1256 7426 lockwasher, included in H
K	1010 0444	nut, use 1048 6041 eccentric screw, 1256 7426 lockwasher
L	1010 5682	screw
M	1304 4367	arm, included in H
N	1304 4763	hex shoulder post, use 1256 7442 lockwasher, 1010 0360 nut
O	1304 4755	screw, use 1010 0469 nut, included in H
P	1011 0146	screw
Q	1026 9512	spring
	1340 8869	spring for multiple counter dials



R	1304 4318	bellcrank after serial F29525P	includes K
		Note: 1304 4318 bellcrank must be used with main cam- shaft 1300 8370	
	1304 4292	bellcrank before serial F29526P and after serial F20841P. Use 1304 4292 bellcrank, 1304 3302 cam, before serial F20842P	
S	1307 1964	spacer	
T	1307 2517	spacer	

Sensing Unit

AUTOMATIC COUNT AND/OR COUNTER DIAL CONTROLS, LANE 24 (PLATE III-16)



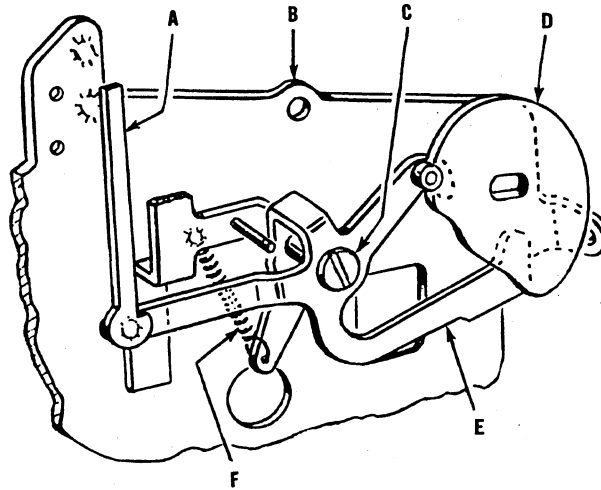
PART NUMBERS (PLATE III-16)

A	1304 4169	tappet	1343 3933	slide, for series F300, F500, F6300, F6500 with multiple counter dials except No. 3 to advance only when amount keys are depressed
B	1015 2288	spring	L	1026 9892 spring, for series F1300, F1500, F1700
C	1308 0809	bellcrank, after B196870. Use 1308 0809 bellcrank, 1304 4805 screw, 1337 6405 washer before B196871		1026 9298 spring, for series F6300, F6500, F6700 except styles F6306, F6307, F6506, F6507, F6706, F6707
D	-- --	refer to SENSING CAMS	M	1010 9981 screw, use 1256 7442 washer, 1010 0378 nut
E	1304 4805	screw, for automatic count, single or multiple counter dials, use 1010 0360 nut	N	1256 1072 screw
F	1010 4743	spacer, .010"	O	1010 9999 screw
	1027 7598	spacer, .006"	P	1326 5731 bracket
	1010 3943	spacer, .011"	Q	1304 0175 slide, for automatic count and/or counter dials except series F300, F500, F6300, F6500 and F1000
	1010 4958	spacer, .050"		1343 3925 slide, for series F300, F500, F6300, F6500
G	1010 0212	clip		1325 3778 slide, for series F1000
H	1027 7572	spring		1325 3802 slide, for series F5000 with automatic fee indexing mechanism
I	1027 1948	spring, for all styles except F212, F6212	R	1256 7731 star washer
	1026 9892	spring, for styles F212, F6212	S	1010 0386 nut
	1010 7910	spring, for count advanced, carriage controlled, only when amount keys are depressed	T	1340 7275 solenoid
J	1325 3844	slide, for all styles except F212, F404, F6212, F6404 and series F1000	U	1337 2511 collar
	1325 3877	slide, for styles F212, F6212	V	1325 6813 plunger
	1325 3869	slide, for styles F404, F6404	W	1338 8475 pin
	1325 3828	slide, for series F1000	X	1326 5749 link
K	1304 0191	slide, for automatic count and/or counter dials to advance only when amount keys are depressed, on all styles except F404, F6404 and series F300, F500, F6300, F6500 with multiple counter dials	Y	1010 4453 washer
	1325 3810	slide, for styles F404, F6404	Z	-- -- refer to SENSING UNIT
	1304 0217	slide, for series F300, F500, F6300, F6500		
	1344 3981	slide, for series F1000		

with multiple counter dials to advance only from depression of amount keys

Sensing Unit

AUTOMATIC COUNT AND/OR COUNTER DIAL CONTROLS, LANE 17 (PLATE III-17)



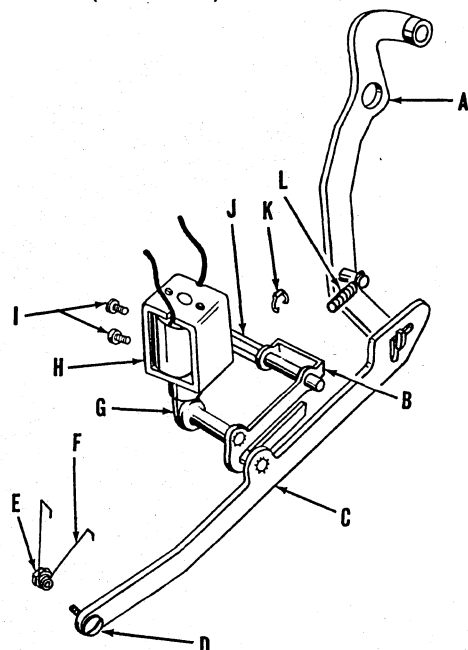
PART NUMBERS (PLATE III-17)

- | | | |
|---|-----------|--|
| A | 1304 4144 | tappet |
| B | -- -- | refer to SENSING UNIT, for back plates |
| C | 1304 4805 | shoulder screw, after B196870, use 1010 0360 nut, 1337 6405 spacer. Use 1640 5615 post, 1010 0360 nut, 1010 0147 clip before B196871 |
| D | -- -- | refer to SENSING CAMS |
| E | 1308 0791 | bellcrank, for automatic count and counter dials. Use 1308 0791 bellcrank and 1337 6405 spacer for counter dials only before F11146P |
| F | 1026 9900 | spring, for counter dial |
| | 1015 2288 | spring, for automatic count |

CARRIAGE MOVEMENT SOLENOID (PLATE III-18)

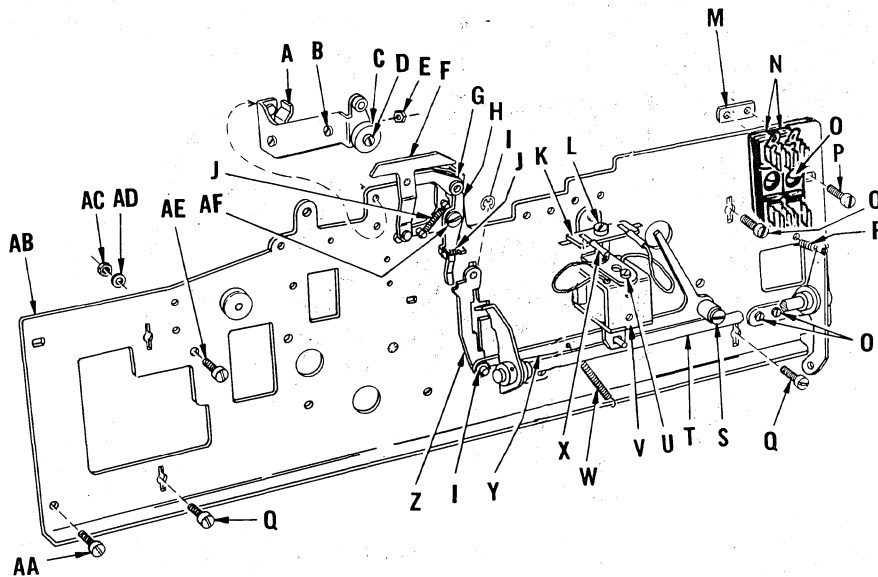
PART NUMBERS (PLATE III-18)

- | | | |
|---|-----------|---|
| A | 1336 8071 | arm |
| B | 1326 0518 | bail |
| C | 1336 8089 | link, for series F1300, F1500 |
| | 1337 8097 | link, for series F1200, F1400 and style F1050 |
| D | 1017 1833 | screw |
| E | 1338 7303 | shoulder nut |
| F | 1336 8253 | spring |
| G | 1341 8678 | plunger |
| H | 1341 8686 | solenoid, use 1311 8591 connector |
| I | 1341 6961 | screw |
| J | 1341 8454 | threaded post |
| K | 1010 0212 | clip |
| L | 1026 9496 | spring |



Sensing Unit

SENSING UNIT - BACK PLATE (F1000) (PLATE III-19)

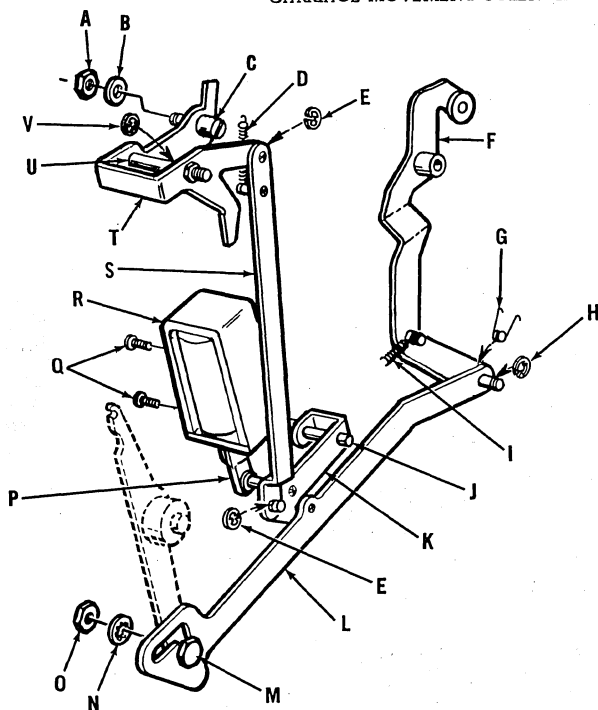


PART NUMBERS (PLATE III-19)

A	1333 6821	plate	Q	1010 4305	screw
B	1304 0779	screw	R	1340 9107	spring
✓ C	1506 6962	roller, use 1506 6970 eccentric	S	1026 1055	screw, use 1010 0386 nut
✓ D	1340 4710	screw	T	1336 7529	arm
E	1010 0378	nut	U	1341 6961	screw
F	1502 9507	skid .4" long	V	1341 8686	solenoid assembly, use 1034 8738 connectors
	1333 5922	skid 1" long		1340 7259	for machines with radio interference suppression
G	1333 6920	arm, use 1010 0238 clip	W	1027 2821	spring
H	1333 5955	pawl after serial F81261P	X	1027 1625	insulator tubing, included in K
	1333 5948	pawl before serial F81262P	Y	1333 5849	link
I	1010 0212	clip	Z	1333 5997	latch
J	1026 9751	spring	AA	1028 8603	screw
K	1341 7944	terminal strip, includes X	AB	1333 6631	back plate all series, also use 1333 5138 index arm on series F1200, F1400 except style F1404
L	1340 3258	screw, use 1013 0458 flanged collar	AC	1257 3812	nut
M	1333 5898	blank	AD	1256 7699	washer
N	1323 8175	fuse holder, use 1343 0921 (.75 amp) fuse and 1341 7720 (3.2 amp) fuse	AE	1339 0935	screw
O	1256 0710	screw, use 1256 7434 lockwasher, 1010 0360 nut	AF	1028 7878	screw, use 1010 0386 nut
P	1340 4595	screw			

Sensing Unit

CARRIAGE MOVEMENT SOLENOID - F9000 (PLATE III-20)



PART NUMBERS (PLATE III-20)

A	1010 0360	nut
B	1256 7434	washer
C	1340 1757	eccentric screw
D	1340 9800	spring
E	1255 3129	clip
F	1504 2344	cam follower arm
G	1336 8253	spring, use 1307 2632 flanged bushing
H	1255 3145	clip
I	1026 9496	spring
J	1341 8454	threaded post, use 1010 0212 clip
K	1504 1924	bail assembly
L	1522 3019	link
M	1522 4694	eccentric screw
N	1337 2214	lockwasher
O	1256 5230	nut
P	1504 1890	plunger
Q	1341 6961	screw
R	1504 2070	complete solenoid assembly
S	1504 1932	link
T	1504 1965	bail
U	1504 1973	threaded shaft
V	1255 3152	clip

BASIC SERIES F

ACCOUNTING MACHINES

Includes

F25—F500,F700,F1000,F5000,F6000

SECTION

IV

Burroughs

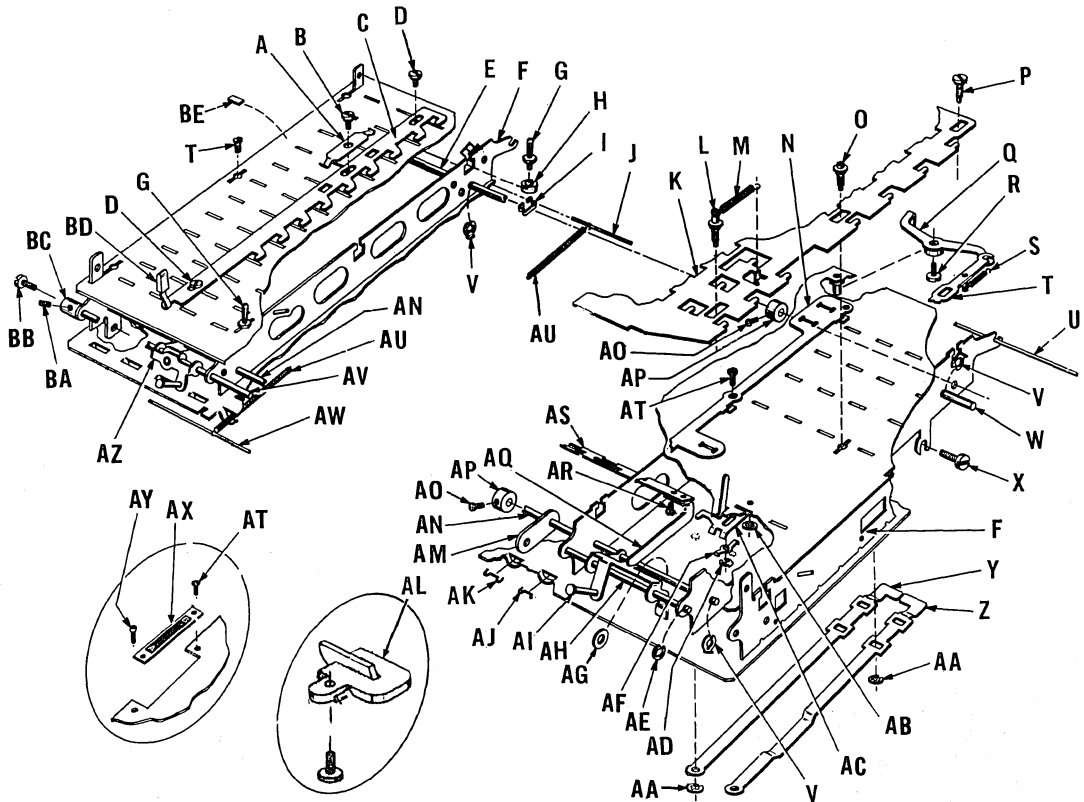
FIELD ENGINEERING

PARTS CATALOG

KEYBOARD

Keyboard

KEYBOARD CONSTRUCTION (PLATE IV 1)



PART NUMBERS (PLATE IV-1)

-- --	Upper and lower keyboard plate, order by machine style, serial number, factory order number and describe special features		1330 2161	for F1000, F5000, F6000	col. "11", 9 key construction, projections on right
A	1301 3016	flat spring	1301 3057	for F25 thru F500, F700	col. "12" projections on right, for key pos. 4 thru 12
B	1010 9775	screw, use 1010 0444 nut	1330 2187	for F1000, F5000, F6000	for F25 thru F500, F700
C	1330 2120	for series F1000, F5000, F6000, except style F1211, includes BD	1301 3073	for F25 thru F500, F700	for F1000, F5000, F6000, column "12", projections on right, for key positions 4 thru 10
	1330 2195	for style F1211, first two keys	1301 3040	for F25 thru F500, F700, column "14", projections on left, for key positions 4 thru 12	
	1301 3024	for F25 thru F500, F700	D	1028 8785	screw
	1330 2146	for F1000, F5000, F6000	E	1329 2891	shaft for all series except F6000 and styles with rotary dial indexed calendar feature
	1301 3032	for F25 thru F500, F700		1301 0517	shaft for F25 thru F500, F700
	1330 2153	for F1000, F5000, F6000		1329 2958	shaft for F5000
	1301 3057	for F25 thru F500, F700		1329 2974	shaft for F6000
	1330 2179	for F1000, F5000, F6000		-- --	included in bottom plate
	1301 3065	for F25 thru F500, F700	F	-- --	
	1330 2138	for F1000, F5000, F6000	G	1341 7258	pilot screw
	1301 3024	for F25 thru F500, F700	H	1011 9824	round nut
			I	1011 3538	retaining clip
			J	1301 0533	spring anchor shaft
			K	1330 2245	plate
			L	1340 4983	spring anchor
			M	1026 9355	spring

PART NUMBERS CONTINUED ON NEXT PAGE

Keyboard

PART NUMBERS (PLATE IV-1) CONTINUED

N	1329 5373	motor bar guide for F1000, F5000, F6000	AQ	1301 2703	arm	
	1329 5381	motor bar guide for F25 thru F500, F700	AR	1010 9247	screw	
O	1340 4991	guide screw	AS	1301 2653	slide except as listed	
P	1340 4975	shoulder screw		1329 5100	for styles F121, F221, F421	
Q	1329 3790	bellcrank after serial F30483P, use 1329 3790 bellcrank, 1342 9816 spring stud screw before serial F30484P		1329 5084	for styles F123, F213, F223, F423, F6213, F6221, F6223, F6423 and F6212 repeat of columns "0 thru 14"	
R	1010 9635	screw		1301 2679	for styles F212, F6212 repeat of columns "1 thru 10"	
S	1028 9460	spring		1301 2661	for styles F305, F505, F6305, F6505 and styles having repeat of register selection keys column "0" except when this feature is used with repeat of columns specify	
T	1301 1093	slide		1329 5118	<u>specify</u> columns to be trimmed for machines having repeat of register selection keys column "0" with repeat of columns specify and for styles ending in 01 and 02 having repeat of columns specify	
U	1314 9489	shaft for series F25 thru F200, F700, and style F402		1301 2695	for styles F511, F512, F513, F5510, F6510 except machines having repeat of keyboard columns "0" and "1" and/or repeat of col- umns specify	
	1301 0558	shaft for series F300 thru F500 except style F402		1301 2687	for styles F511, F512, F513 having repeat of keyboard columns "0" and "1" except when this feature is used with repeat of columns specify	
	1329 3030	shaft for series F1000, F5000 except styles F5211, F5212, F5510		1329 5126	<u>specify</u> columns to be trimmed for styles F511, F512, F513 having repeat of columns "0" and "1" with repeat of columns specify and for styles F223, F423, F511, F512, F6223, F6423, F5510, F6510 having repeat of columns specify	
	1329 3048	shaft for styles F5211, F5212, F5510		AT	1012 0178	screw for all series except on left separator plate of style F5212
	1329 3055	shaft for series F6000		1340 3803	screw for left separator plate style F5212	
V	1010 0220	clip		AU	1012 0301	spring for all columns except for control keys, small motor bars, columns 11, 12, 13, 14 of styles F212, F6212 and columns "0" and "1" of styles having register selec- tion in both columns
W	1329 2966	shaft for series F1000, F5000, F6000		1301 9666	spring for small motor bars, control keys, columns 11, 12, 13, 14 of styles F212, F6212 and columns "0" and "1" of styles having register selection in both columns	
	1301 0509	shaft for series F25 thru F500, F700		AV	1331 5908	date repeat shaft, length 4 3/16"
X	-- --	keyboard mounting screws - right side frame		1329 6470	date and folio repeat shaft, length 6 5/8"	
	1301 9542	for front and rear of series F1000, F5000, also front and rear on auxiliary right side frame series F5000, use 1502 6719 for front and 1301 9542 for rear on auxiliary right side frame series F6000		AW	1301 0525	shaft, length 9 9/16"
	1304 1538	for front of series F25 thru F500, F700		1301 0541	shaft, length 6 5/8" for styles with register designation symbols to print only from depression of keys in column "0"	
	1343 0277	for rear of series F25 thru F500, F700		AX	1301 2885	plate
Y	1301 0624	interlock for "A" and "B" subtotal keys		AY	1343 0285	screw
Z	1301 0616	interlock for "B" and "C" subtotal keys		AZ	1301 2513	for series F25 thru F500, F700
AA	1010 0154	clip, ".020" thickness			1329 4947	for series F1000, F5000, F6000
	1255 3129	clip, ".015" thickness			1301 2539	for lock with key to prevent release of keys in date section
AB	1010 4156	washer			1301 2547	for all series with lock for rotary dial indexed calendar feature, except F6000
AC	1330 1833	for machines with a keyboard cover plate	non-count key latch		1329 4970	for F6000, with lock for rotary dial indexed calendar feature
	1301 2927	for machines without a keyboard cover plate				
AD	1010 0212	clip				
AE	1255 3129	clip for series F1000, F5000, F6000				
	1010 0212	clip for series F25 thru F500, F700				
AF	1341 0691	spring				
AG	1337 1471	spacer, ".050"				
AH	1329 3071	shaft for series F1000, F5000, F6000				
	1329 3063	shaft for series F25 thru F500, F700				
AI	1301 2729	bail for all series except styles with repeat of columns, specify, carriage controlled				
	1329 5167	bail for repeat of columns, specify, carriage controlled				
AJ	1341 2275	spring anchor				
AK	1341 2200	spring anchor				
AL	1330 3375	repair post for Motor Bar 1, use 1025 7871 screw				
AM	1331 5940	brace				
AN	1314 9471	shaft for series F25 thru F500, F700				
	1329 2933	shaft for series F1000 and F5000 except F5000 with rotary dial indexed calendar feature				
	1329 2941	shaft for series F5000 with rotary dial indexed calendar feature				
	1329 2982	shaft for series F6000				
AO	1010 8967	screw, included in AP				
AP	1015 4920	collar, includes AO				

PART NUMBERS CONTINUED ON NEXT PAGE

BA	1255 7815	setscrew
BB	1301 9542	keyboard mounting screw - left side
BC	1301 9468	set collar
	1301 9484	eccentric set collar
	1329 6496	split set collar, for folio repeat

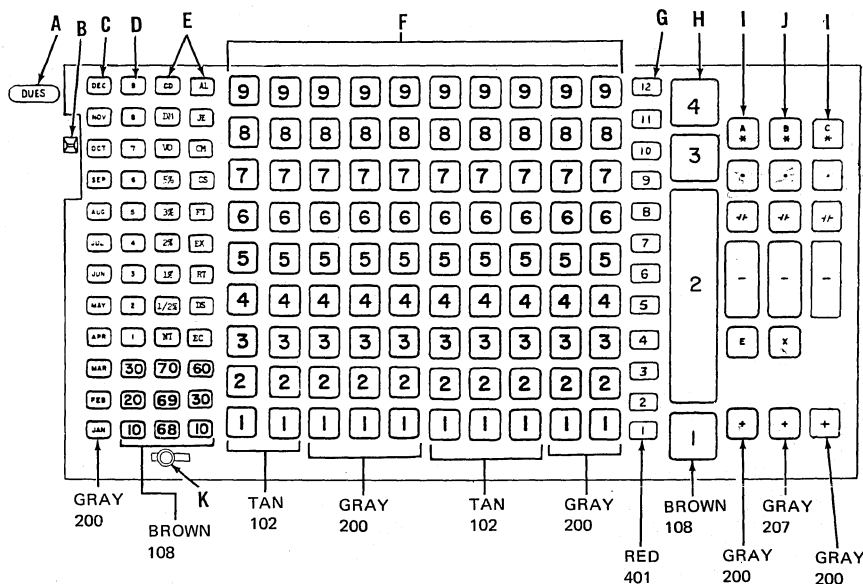
BD	1330 1981	button, included in C
BE	1301 9740	plastic window

KEYTOPS - F25 THRU F500, F700 & F3000 (PLATE IV-2)

NOTE: Character keytops and other keytops with special markings (not listed below) can be ordered by description as follows:

For an individual keytop, use order card 2551. Show the complete symbolic part number, color and marking in the "Burroughs Part Number" block.

For a group of keytops for one machine style, use SPECIAL TYPE & KEYTOP CHART, Form 2836. Show the standard symbolic part number & "per attached chart" on one 1440 for the quantity on the chart.



PART NUMBERS (PLATE IV-2)

A -- -- bridged keytops. (Requires Series F Word
Keys Chart, form BUR 4007 in addition to
Form 2836 per above NOTE. Order as
11-221 1/8 fte 10000; specify 2, 3 or 4 col-
umns and marking. Use 1027 2011 blank
keytop in each column.)

B	1307 6195	button, teller lever, Gray 207	
C	month keytops, Gray 200		Gray 225 - F3000
	JAN	1302 0144	1202 2430
	FEB	1302 0078	1202 2448
	MAR	1302 0250	1202 2455
	APR	1301 9989	1202 2463
	MAY	1302 0268	1202 2471
	JUN	1302 0177	1202 2489
	JUL	1302 0169	1202 2497
	AUG	1301 9997	1202 2505

	SEP	1302 0359	1202 2513
	OCT	1302 0318	1202 2521
	NOV	1302 0300	1202 2539
	DEC	1302 0029	1202 2547
D	day keytops, Brown 108		
	1	1302 1324	
	2	1302 1332	
	3	1302 1340	
	4	1302 1357	
	5	1302 1365	
	6	1302 1373	
	7	1302 1381	
	8	1302 1399	
	9	1302 1407	

PART NUMBERS CONTINUED ON NEXT PAGE

PART NUMBERS (PLATE IV-2) CONTINUED

K 1330 1353 button, date repeat, Gray 207

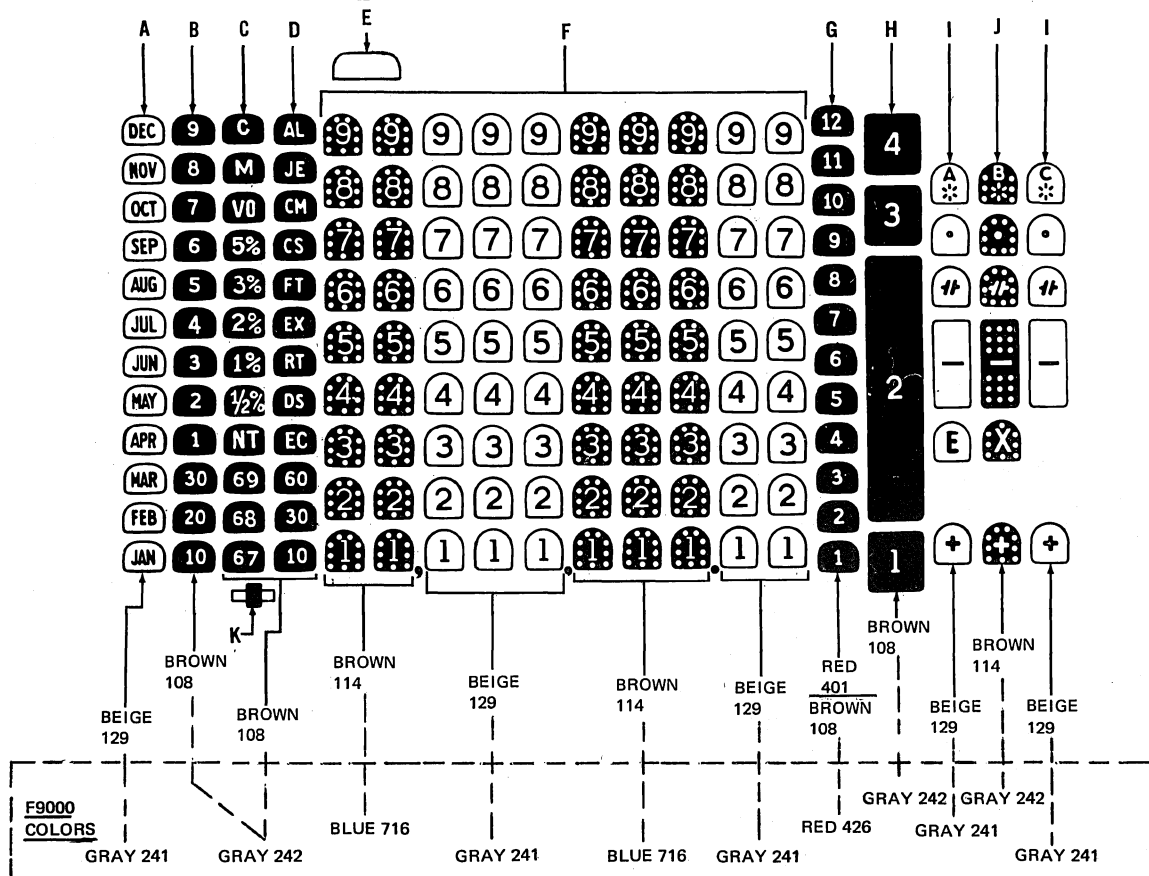
Keyboard

✓ KEYTOPS - F1000, F5000, F6000, F9000 (PLATE IV-3)

NOTE: Character keytops and other keytops with special markings (not listed below) can be ordered by description as follows:

For an individual keytop, use order card 2551. Write the complete symbolic part number, color and marking in the "Burroughs Part Number" block.

For a group of keytops for one machine style, use SPECIAL TYPE & KEYTOP CHART, Form 2836. Show the standard symbolic part number & "per attached chart" on one 1440 for the quantity on the chart.



✓ PART NUMBERS (PLATE IV-3)

A	month keytops (Beige 129)		(Gray 241)	6	1330 5792	1528 1603	
	JAN	1330 7178	1528 1801	7	1330 5818	1528 1629	
	FEB	1330 7194	1528 1827	8	1330 5834	1528 1645	
	MAR	1330 7210	1528 1843	9	1330 5859	1528 1660	
	APR	1330 7236	1528 1868	10	1330 5875	1528 1686	
	MAY	1330 7251	1528 1884	20	1330 5891	1528 1702	
	JUN	1330 7277	1528 1900	30	1330 5917	1528 1728	
	JUL	1330 7293	1528 1926	C	year keytops (Brown 108)		(Gray 242)
	AUG	1330 7319	1528 1942		68	1344 9301	1528 1744
	SEP	1330 7335	1528 1967		69	1344 9319	1528 1769
	OCT	1330 7350	1528 1983		70	1344 9327	1528 1785
	NOV	1330 7376	1528 2007		71	1509 3305	1528 4300
	DEC	1330 7392	1528 2023		72	1509 3313	1528 4326
B	day keytops (Brown 108)		(Gray 242)		73	1509 3321	
	1	1330 5693	1528 1504	74	1344 9335		
	2	1330 5719	1528 1520	75	1344 9343		
	3	1330 5735	1528 1546	76	1344 9350		
	4	1330 5750	1528 1561	77	1344 9475		
	5	1330 5776	1528 1587				
PART NUMBERS CONTINUED ON							

PART NUMBERS CONTINUED ON NEXT PAGE

Keyboard

✓ PART NUMBERS (PLATE IV-3) CONTINUED

D Character keytops, Brown 108, 12 key column. (Order as FK291-16 and specify characters - per NOTE above.)

Character keytops, Brown 108, 9 key column. (Order as FK291-28 and specify characters - per NOTE above.)

Character keytops, Brown 114, 9 key column. (Order as FK291-2 and specify characters - per NOTE above.)

Character keytops, Red 401, 12 key column. (Order as FK291-6 and specify characters - per NOTE above.)

Character keytops, Red 401, 9 key column. (Order as FK291-8 and specify characters - per NOTE above.)

F9000 Character keytops (Order as FK291 and specify color 'Gray 242', and characters-per NOTE above)

E Bridged keytops, Brown 108, 9 key columns. (Order as FK291-42 and specify characters, maximum of 9 letters.) For keystem, refer to PLATE IV-4.

Bridged keytops, Brown 108, 12 key columns. (Order as FK291-39 and specify characters, maximum of 9 letters.) For keystem, refer to PLATE IV-4.

F Numeral keytops, 9 key column

	<u>Beige 129</u>	<u>Brown 114</u>	<u>Brown 108</u>	<u>Gray 241</u>	<u>Blue 716</u>
1	1330 3391	1330 4126	1331 4109	1528 0902	1528 1082
2	1330 3417	1330 4142	1331 4117	1528 0928	1528 1108
3	1330 3433	1330 4167	1331 4125	1528 0944	1528 1124
4	1330 3458	1330 4183	1331 4133	1528 0969	1528 1140
5	1330 3474	1330 4209	1331 4141	1528 0985	1528 1165
6	1330 3490	1330 4225	1331 4158	1528 1009	1528 1181
7	1330 3516	1330 4241	1331 4166	1528 1025	1528 1207
8	1330 3532	1330 4266	1331 4174	1528 1041	1528 1223
9	1330 3557	1330 4282	1331 4182	1528 1066	1528 1249

Account verification keytops. (Order individual keytops as required. Not available by one numbers as a set.)

<u>Set No. 101</u>			<u>Set No. 102</u>			<u>Set No. 103</u>		
	<u>Beige 129</u>	<u>Brown 114</u>		<u>Beige 129</u>	<u>Brown 114</u>		<u>Beige 129</u>	<u>Brown 114</u>
	1330 3847	1330 4597		1330 3938	1330 4688		1330 4027	1330 4779
	1330 3854	1330 4605		1330 3946	1330 4696		1330 4035	1330 4787
	1330 3862	1330 4613		1330 3953	1330 4704		1330 4043	1330 4795
	1330 3870	1330 4621		1330 3961	1330 4712		1330 4050	1330 4803
	1330 3888	1330 4639		1330 3979	1330 4720		1330 4068	1330 4811
	1330 3896	1330 4647		1330 3987	1330 4738		1330 4076	1330 4829
	1330 3904	1330 4654		1330 3995	1330 4746		1330 4084	1330 4837
	1330 3912	1330 4662		1330 4001	1330 4753		1330 4092	1330 4845
	1330 3920	1330 4670		1330 4019	1330 4761		1330 4100	1330 4852

PART NUMBERS CONTINUED ON NEXT PAGE

Keyboard

✓ PART NUMBERS (PLATE IV-3) CONTINUED

G register selection numerals, 12 key column
(Red 401) (Red 426)

1	1330 4886	1528 1264
2	1330 4902	1528 1280
3	1330 4928	1528 1306
4	1330 4944	1528 1322
5	1330 4969	1528 1348
6	1330 4985	1528 1363
7	1330 5008	1528 1389
8	1330 5024	1528 1405
9	1330 5040	1528 1421
10	1330 5065	1528 1447
11	1330 5081	1528 1462
12	1330 5107	1528 1488

H motor bars 1 & 3, (Brown 108) (Gray 242)

1	1330 2989	1528 0860
3	1330 3011	1528 0876
LAST	1330 3037	1528 4433
ITEM		
BAL	1330 3078	
"blank"	1330 3110	
VERT	1330 3151	
ADD		
MACH	1330 3193	
INT	1330 3201	
COM	1330 3219	
DEP		
↑	1330 3284	
SPACE		
UP	1330 3300	1528 4466

motor bar 2, (includes 1018 0875 retainer)

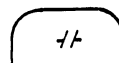
	(Brown 108)	(Gray 242)
2	1330 3003	1528 3708
CHECKS	1330 3052	1528 4656
DEBIT	1330 3102	
"blank"	1330 3136	
DEPOSIT	1330 3235	
SAVINGS	1330 3250	

motor bar 4, (Brown 108) (Gray 242)

4	1330 3029	1528 0886
DEP	1330 3060	1528 4458
CR	1330 3086	
"blank"	1330 3144	
WITH-		
DRAW	1330 3268	
CASH IN		
OR OUT	1330 3276	
CREDIT	1330 3292	1528 4268
LOAN	1502 6735	

I symbols, (Beige 129) (Gray 241)

	1330 8861	1528 2106
	1330 8887	1528 2122
	1330 8804	1528 2049
	1330 8820	1528 2064

-- -- bridged keytop. Order as
FK291-42 (+/-).

1330 2625 1528 0845



1330 8903 1528 2148



1330 8846 1528 2080



1330 9380



1330 9109



1330 9125 1528 4284



1330 8994 1528 4524



1330 8978 1528 4482

J symbols, Brown 114 (Gray 242)



1330 9539 1528 2221



1330 9471 1528 2163



1330 9497 1528 2189



1330 2633 1528 0852



1330 9513 1528 2205



1330 0107



1330 9554 1528 2247



1330 9661 1528 4508



1330 9760 1528 4375



1330 9802 1528 4383

PART NUMBERS CONTINUED ON NEXT PAGE

Keyboard

PART NUMBERS (PLATE IV-3) CONTINUED



1330 9786



1330 9646



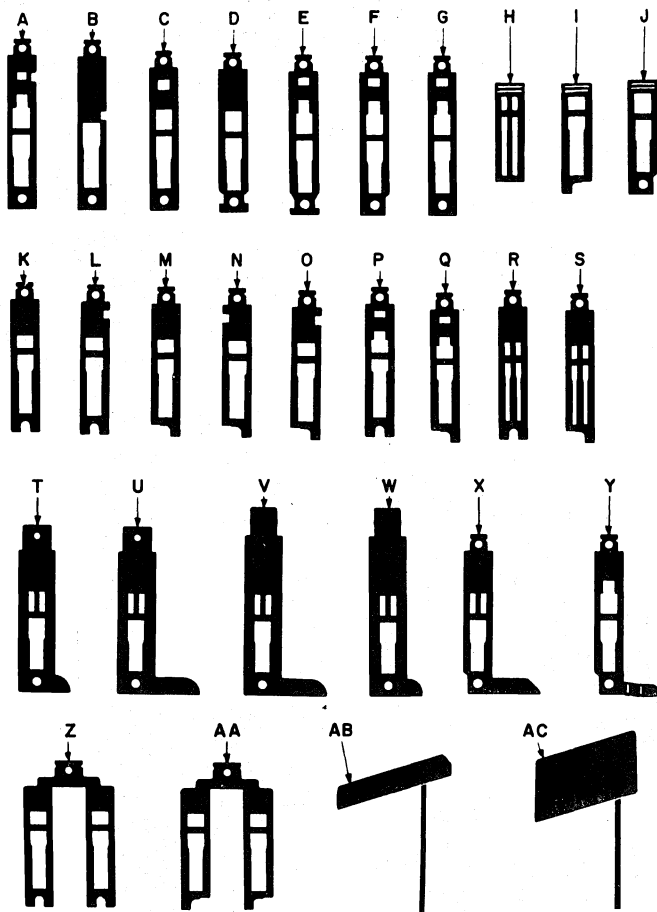
1330 0024



1330 0040

K 1331 4042 date repeat button (Blue 705)
1528 3724 date repeat button (Gray 228)

KEYSTEM CHART (PLATE IV-4)



PART NUMBERS (PLATE IV-4)

*A	1301 3271	for repeat key	I	1330 2542	dummy keystem for columns having one limit strip and two locking slides
B	1301 3297	for error key	J	1301 3388	dummy keystem for columns "A" "B" and "C"
+C	1301 3404	for non-count key and to release crossfooter "A" non-clear lock	K	-- --	use keystem P
D	1301 3370	for total and sub-total keys, not latch down, for columns "A" "B" "C"	*L	1301 3339	latch down key, not positive, for 10 and 12 pitch character columns
+E	1301 3453	for total and sub-total keys, for columns "A" "B" "C"	M	-- --	use keystem Q
+F	1301 3289	for add key in columns "A" and "C"; for Ret ck key in column "A"	*N	1301 3347	latch down key, not positive, for 12 pitch character columns, has latch down notch on opposite side of tail
+G	1301 3263	for add and non-add keys in position 1B; for extended overdraft reset key, in position 8-C			
H	1330 2559	dummy keystem for columns having one limit strip and locking slide			

PART NUMBERS CONTINUED ON NEXT PAGE

Keyboard

PART NUMBERS (PLATE IV-4) CONTINUED

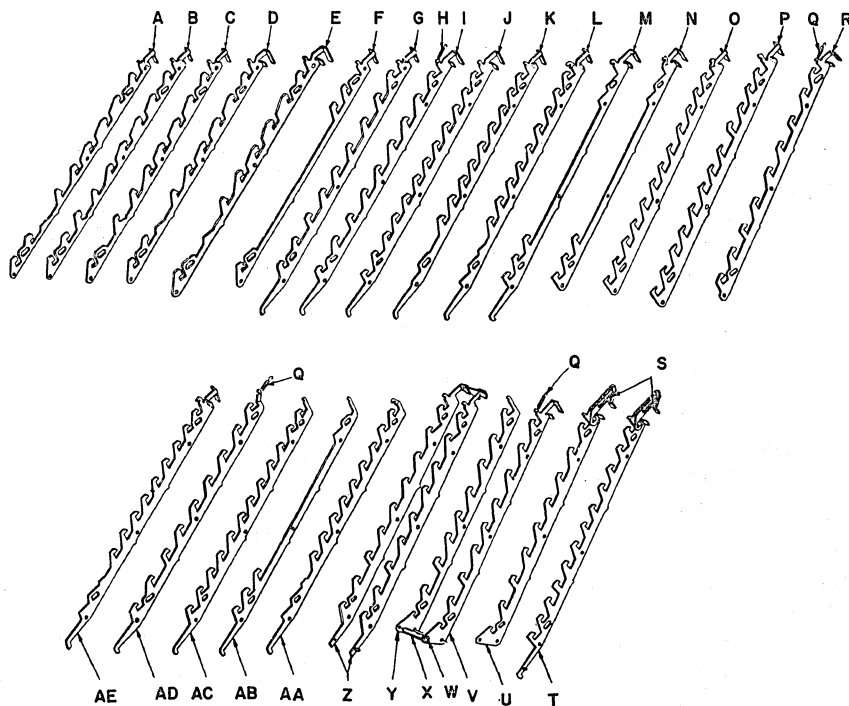
*O	1301 3362	latch down key, not positive, for 12 pitch character columns, has latch down notch on same side as tail	V	1330 2591	for motor bars No. 3 and 4 of F1000, F5000, F6000
+P	1301 3438	latch down key, positive, for 10 and 12 pitch character columns	W	1330 2609	for motor bar No. 1 of F1000, F5000, F6000
+Q	1301 3446	latch down key, positive, for 12 pitch character columns	X	1301 3354	for position 1-B to index "A" and "B" add
R	1301 3248	for 10 and 12 pitch character columns having one limit strip and locking slide	Y	1301 3396	in column "B" for old balance correction key
S	1301 3255	for 10 and 12 pitch columns having one limit strip and locking slide, for offset limit strips	Z	1330 2955	bridged keystem
T	1301 3313	for motor bars No. 1 of F25 thru F500 and F700	AA	1330 2963	bridged keystem
U	1301 3305	for motor bars No. 3 and 4 of F25 thru F500 and F700	AB	1301 4105	brown on gray 200
				1301 5920	white on gray 207
			AC	1330 2625	for brown on beige
				1330 2633	for beige on brown

for subtract bars of series F25 thru F500 and F700
for subtract bars of F1000, F5000 and F6000

* Latch down key

+ For latch down keys positive

KEYBOARD LOCKING SLIDES (PLATE IV-5)



PART NUMBERS (PLATE IV-5)

A	1329 4251	for column "A" between two keystem limit strips. Use 1329 4251 and 1329 3527 limit strip to replace locking slide in column "A" of keyboard with one keystem limit strip.	D	1329 4129	for column "C" between two keystem limit strips. Use 1329 4129 and 1329 3527 limit strip to replace locking slide in column "C" of keyboards with one keystem limit strip.
B	1329 4244	for column "B" between two keystem limit strips. Use 1329 4244 and 1329 3527 limit strip to replace locking slide in column "B" of keyboards with one keystem limit strip.		1329 4160	for column "C" between two keystem limit strips, on machines with repeat of motor bar No. 1 and "C" total key carriage controlled;
C	1329 4152	for column "B" between two keystem limit strips, on machines with crossfooter "A" non-clear lock. Use 1329 4152 and 1329 3527 limit strip to replace locking slide in column			

PART NUMBERS CONTINUED ON NEXT PAGE

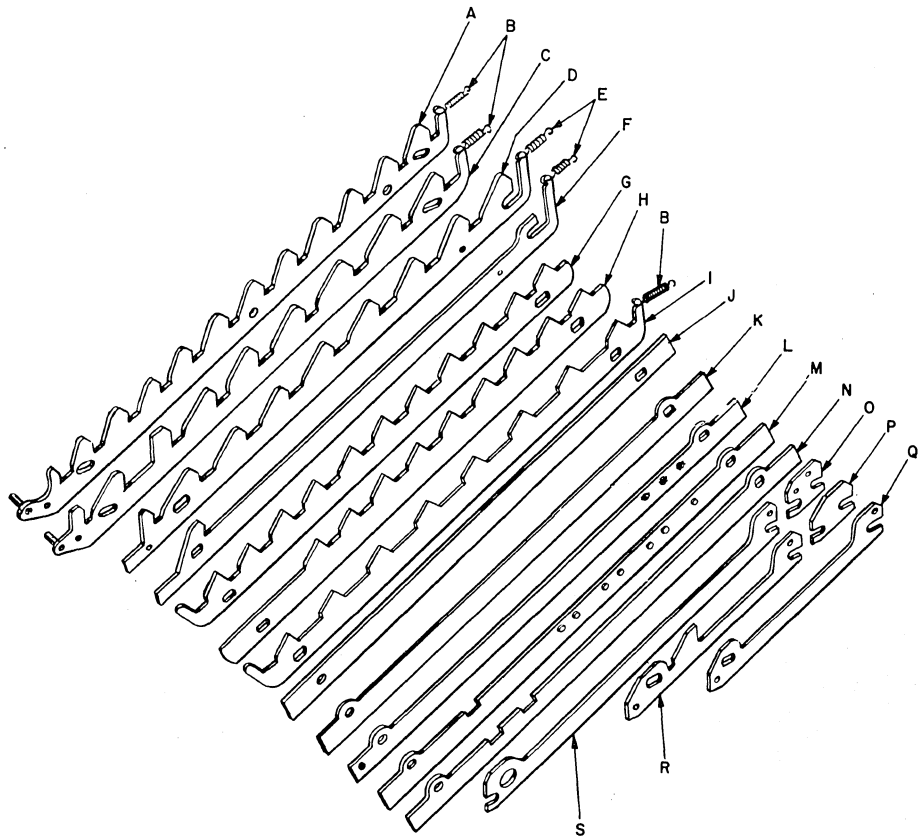
Keyboard

PART NUMBERS (PLATE IV-5) CONTINUED

		has small rear lip removed. Use 1329 4160 and 1329 3527 limit strip to replace locking slide in column "C" of keyboards with one keystem limit strip, on machines with repeat of motor bar No. 1 and "C" total key carriage controlled.			1212 3535	for double locking slide construction, except column 9, for machine serial number ending in S
E	1329 4210	for column "C" on machines with register selection keys to operate machine, with disabling key in position 2C	S	1028 8801	spring	
✓ F	1329 3865	for motor bar column	T	1329 3840	for column 0 on machines with repeat of register selection keys, column 0, carriage controlled	
	1212 3519	for motor bar column machines serial number ending in S	U	1301 2257	for column 0 on machines with repeat of keyboard column 0 and 1, carriage controlled	
G	1329 3964	for column 9 on machines with single locking slide construction and 22 column construction printing sections		1329 4194	for column 0 on machines with repeat of register selection keys in conjunction with register selection keys to operate machine with disabling key in position 2C	
H	1026 9751	spring, for all slides, except those having special springs which will be shown with the slide	V	1301 2265	for column 0 on machines with register selection keys in columns 0 and 1	
I	1301 2109	for 10 pitch listing columns in keyboards with single locking slide construction, except column 9 of machines having 22 column construction printing sections and column 10 and 11 of F105 and F205		1329 4202	for column 0 on machines with register selection keys to operate machine with disabling key in position 2C	
	1301 2174	for column 10 and 11 of F105 and F205	W	1010 8991	screw	
J	1301 2117	for column 0 without repeat and in 12 pitch columns in which the repeat of all keys is derived from the same source	X	1340 1823	screw post	
		after B47599 in column 12, key position 4-12 thru 12-12.	Y	1329 4293	for column 1 on machines with register selection keys in column 0 and 1	
K	1301 2141	Use 1301 2141, 1329 5647 bail, 1329 4608 slide, 1028 8512 screw (2 req.), 1028 8561 nut (2 req.), 1301 2513 shift arm, 1301 9443 sleeve nut and 1301 9583 screw before B47600		1329 4301	use in column 1 for selection register "B" on machines with register selection keys to operate machine, with disabling key in position 2C	
L	1329 3949	for column 12, key positions 4-12 thru 12-12, on machines with calendar feature keys flexible with date control lever set in repeat position	Z	1301 2190	for column 10 and 11 on machines with register selection from character keys in column 10	
M	1301 2133	for columns 12 and 13, key position 1 thru 3	AA	1329 3923	for column 13, key positions 4-13 thru 12-13, on machines with calendar feature keys flexible, with date repeat lever set in repeat position; spring ear is formed to left	
	1329 4079	for column 12, key positions 1-12 thru 3-12, on machines with key columns, specify, restored only from depression of another key in the same column		1329 4061	for column 12, key positions 4-12 thru 12-12, on machines with key columns, specify, restored only from depression of another key in the same column; spring ear is not formed	
N	1329 3956	for column 12, key positions 1-12 thru 3-12, on machines with calendar feature keys flexible with date control lever set in repeat position	AB	1329 3931	for column 12 and 13, key position 1 thru 3, on machines with calendar feature keys flexible with date repeat lever set in repeat position; spring ear is not formed	
O	1329 3907	for columns 13 and 14, key positions 1 thru 12, on machines with calendar feature keys flexible with date control lever set in repeat position; spring ear is formed to right		1329 4277	for column 12 key position 1 thru 3, on machines with calendar feature keys flexible with date repeat control lever set in repeat position and with enforced use of keys; spring ear is formed to right	
	1329 4087	for columns 11 and 12, key positions 1 thru 12, on machines with key columns, specify, restored only from depression of another key in the same column	✓ AC	1329 3915	for column 12 and 13, key position 1 thru 12, on machines with calendar feature keys flexible with date repeat control lever set in repeat position	
P	1329 4269	for 12 pitch columns 11 and/or 12 on machines with enforced use of keys in columns 11 and/or 12	✓ AD	1212 3527	for machine serial number ending in S	
				1329 4335	for 10 pitch listing columns, with double locking slide construction; spring ear is formed to right	
Q	1026 9371	spring		1212 3550	for machine serial number ending in S	
✓ R	1329 4053	for double locking slide construction in all 10 pitch listing columns, except column 9, on machines having 22 column construction printing sections		1329 4343	for 10 pitch listing columns, with double locking slide construction; spring ear is formed to left	
			AE	1301 2125	for column 13, key positions 4-13 thru 12-13	

Keyboard

AUXILIARY SLIDES, LIMIT STRIPS AND INTERLOCKS (PLATE IV-6)



PART NUMBERS (PLATE IV-6)

NOTE: The description given is typical; these parts may be used in other applications.

A	1506 7549	slide for column "0"	I	1329 3519	slide for columns "1" thru "11" on machines with enforced use of keys
B	1026 9751	spring	J	1301 0939	keystem limit strip, cadmium plated
C	1301 2216	slide for column 10 of styles F305, F505, F6305, F6505		1329 3469	limit strip, copper plated
	1329 4178	slide for columns "0" and "1" on machines with register selection keys in column "0" and "1"		1329 3568	limit strip, cadmium plated with 3 embosses on side, for listing columns, on the left when using two locking slides
D	1301 2224	slide, use in columns 11, 12, 13, 14 for automatic count, in keyboards with single locking slide construction	K	1329 3584	limit strip shim, for listing columns, between two locking slides
	1329 4103	slide, spring ear is formed to right, use in columns 12, 13, 14 for automatic count, in keyboards with double locking slide construction		1329 3618	limit strip shim, for listing columns, between two locking slides on machines with enforced use of keys
	1329 4111	slide, spring ear formed to left, use in column 11, for automatic count, in keyboards with double locking slide construction	L	1523 6979	limit strip, has four studs on left side, for motor bar column, use 1329 3618 shim
E	1027 2045	spring	M	1301 0947	limit strip, has seven studs on right side and single cutout on forward top edge, for columns "A" and "B", also use in column "C" for styles F211, F212, F5211, F5212, F6211, F6212 with extended overdraft
F	1301 2232	slide for column "0" to provide non-count from SC key		1301 0954	limit strip has seven studs on left side and single cutout on forward top edge for column "C"
G	1329 3493	slide for column "0" on machines with enforced use of keys		1329 3535	limit strip has seven studs on left side and double cutout on forward top edge, for column "C" on machines with register selection keys to operate machine with disabling key in position 2C
H	1329 3501	slide for column 12 on machines with enforced use of keys			

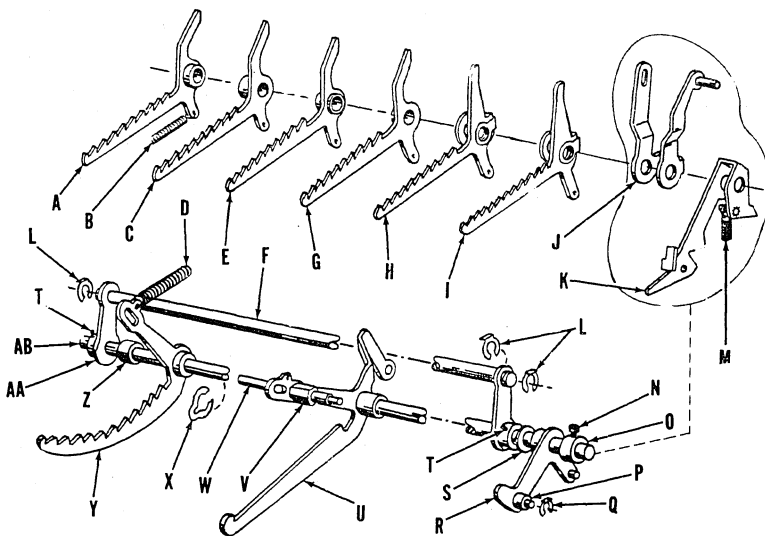
PART NUMBERS CONTINUED ON NEXT PAGE

Keyboard

PART NUMBERS (PLATE IV-6) CONTINUED

N	1329 3543	limit strip, has double cutout on forward top edge, for column "C" on machines with register selection keys to operate machine with disabling key in position 2C	O	1301 0640	interlock for motor bar column
			P	1301 0632	interlock for columns "A", "B", "C"
			Q	1301 0665	interlock for non-count key in position 2B
			R	1301 0673	interlock for columns "A", "B", "C"
			S	1301 0657	interlock for motor bar column
	1329 3527	limit strip has single cutout on forward top edge, one required on machines with two			

INDEX RACK AND SECTOR LOCK ASSEMBLY (PLATE IV-7)



PART NUMBERS (PLATE IV-7)

A	1336 0797	lock, hub to right	1044 3141	spring for register selection index racks of
B	1306 8176	spring for all 10 pitch sector locks		styles F305, F505, F6305, F6505
	1307 6146	spring for all 12 pitch sector locks	1027 2854	spring for register designation index rack of
C	1336 0805	lock, hub to left		styles F306, F506, F1306, F1506, F6306,
D	1027 6566	spring for all index racks except those listed		F6506 with register selection carriage control
		below		to prevent selection and/or indication of a
	1017 1452	spring for index racks in columns 12 and 14		higher numbered register from keyboard
		of all styles having calendar feature with		column "0"
		advancing month and year, carriage con-	E	1336 0813
		trolled and in columns 12, 13, 14 for calen-	F	1304 8459
		dar feature index racks on machines with		shaft, all series except series F1000
		rotary calendar feature		1334 8834
			G	1336 0821
	1044 2978	spring for automatic count columns styles	H	1306 5693
		F402, F404, F6404	I	1306 5701
	1028 8942	spring for register selection index racks of	J	1306 6048
		styles F301, F302, F303, F306, F501, F502,	K	1325 9387
		F503, F506, F511, F512, F513, F5301,	L	1010 0238
		F5303, F5501, F5503, F6301, F6303, F6306,		1255 3129
		F6501, F6503, F6506 and all 12 pitch index		clip for series F1000
		racks in date section of machines without	M	1027 6202
		rotary calendar feature	N	1010 9643
			O	1027 7107
	1026 9850	spring for year column of machines with	P	1013 1498
		character printing position optional	Q	1010 0212
	1013 9319	spring for register selection index racks of	R	1303 9292
		series F300, F500, F5300, F5500, F6300,	S	1307 1964
		F6500 except styles F305, F505, F6305,		spacer .062"
		F6505, also use on series F1300, F1500,		1306 7665
		F5000, F6000 with register selection carriage	T	1029 3389
		control to prevent selection and/or indication	U	1306 5404
		of a higher numbered register from keyboard		index rack, refer to INDEX RACKS CHART
		column "0"		for other styles

PART NUMBERS CONTINUED ON NEXT PAGE

Keyboard

PART NUMBERS (PLATE IV-7) CONTINUED

V	1342 8636	hexagon tapped post	Y	-- --	refer to INDEX RACKS CHART
W	1342 8628	hexagon threaded post	Z	-- --	included in AA
X	1335 0392	clip spacer, use between index rack and lock to maintain alignment and reduce end play	✓AA	1304 8483	shaft, includes Z
				1504 8119	shaft assembly, F1423, F9423, use 1504 8218 cam arm assembly

✓ COMPLETE INDEX RACK AND SECTOR LOCK ASSEMBLIES (PLATE IV-8)

MACHINE STYLES	PART NUMBER	MACHINE STYLES	PART NUMBER
F25	1304 8970	F307, F507, F5707, F6307, F6507, F6707	1304 8871
F50, F55, F103, F104, F203, F204, F250,		F402	1304 8590
F403, F5103, F5203, F5204, F5403, F6050,		F404, F6404	1304 8962
F6103, F6203, F6204, F6250, F6403	1304 8541	F511, F512	1304 8830
F51, F102, F106, F108, F202	1304 8525	F513	1304 8855
F101, F107, F191, F201, F210, F401, F5101,		F1050, F1103, F1203, F1250, F1403, F9050,	
F5201, F5211, F5401, F6101, F6201, F6211,		F9103, F9203, F9250, F9403	*1504 7996
F6401, after serial B237857	1304 8509	F1101, F1201, F1401, F1211, F9101, F9201,	
Before serial B237858	1304 8491	F9211, F9401 after serial F87886P	*1504 7988
F105, F205 without key in column 9	1304 8566	Use 1504 7988, 1307 1964 spacer, 1306 6048	
With keys in column 9	1304 8582	ball, 1306 5354 rack for F1211 before serial	
F121, F221, F421	1304 8806	F87887P	
F123, F212, F223, F423 after serial F27000P	1304 8640	F1301, F1302, F1501, F1502, F9301, F9501	*1504 7921
Use 1304 8640, 1335 0996 index rack,		F1303, F1503, F9303, F9503	*1504 7939
1305 0091 index rack, 1329 6892 keyboard		F1306, F1506, F9706	*1504 7962
plate, 1306 5677 plate, 1301 3446 keystem		F1307, F1507, F9707	*1504 7806
(18 req.) for positions 1 thru 9 columns 13		F1404	1334 8883
and 14 before serial F27001P		F1423, F9423	*1504 8101
F206, F211 after serial F26969P	1304 8509	F1458	*1504 8127
Before serial F26970P	1304 8632	F5212, F6212, F6223, F6423	1334 9105
F213	1304 8749	F5213, F6213	1304 9259
F214, F6214, F6260, after serial F40794P	1304 8780	F5510, F6510	1334 9113
Before serial F40795P	1304 8624	F6221	1334 9154
F301, F302, F501, F502, F5301, F5501, F6301,		F6460	1209 1302
F6501, after serial F20837P	1304 8608	F6760	1304 9234
Before serial F20838P	1304 8533	F6761	1334 9147
F303, F503, F5303, F5503, F6303, F6503 after		F6764, F6765	1209 0111
serial F41442P	1304 8772	Machines with Register Selection Carriage	
After serial F22931P and before serial		Control to Prevent Selection and/or	
F41443P	1304 8616	Indication of a Higher Numbered Register	
Before serial F22932P	1304 8574	from Keyboard Column "0"	
F305, F505, F6305, F6505	1304 8814	F301, F302, F501, F502, F5301, F5501,	
F306, F506, F5706, F6306, F6506, F6706		F6301, F6501	1304 8665
with keys in column "0"	1304 8822	F303, F503, F5303, F5503, F6303, F6503	1304 8657
Without keys in column "0"	1334 9048	F1301, F1302, F1501, F1502	1334 9006
		F1303, F1503	1334 8990

*Use 1504 8218 arm, 1337 7429 washer

Keyboard

INDEX RACKS (PLATE IV-9)

NOTE: Index racks are charted according to keyboard location or function. When ordering racks, refer to chart for letter, then to Parts List for number, e.g., the rack for column 13 (units of days) on style F25 is letter S, the part number for letter S is 1306 5354

MACHINE STYLES

	REG. DESIGNATION	ROT. CAL. FTE.				KEYBOARD COLUMNS					
		Years	tens of days	units of days	months	14 months	tens of days 13 units of days	12 years	11	10	1 thru 9 0
F25						V	R, S	Q	Q		B
F50, F55, F103, F104, F203, F204, F250, F403, F1050, F1103, F1203, F1250, F1403, F5103, F5203, F5204, F5403, F6050, F6103, F6203, F6204, F6250, F6403						V	R, S	Q	AD	B	B
F51, F102, F106, F108, F202						V	R, S	T, S	B	B	B
F101, F107, F191, F201, F206, F210, F211, F401, F1101, F1201, F1211, F1401, F5101, F5201, F5211, F5401, F6101, F6201, F6211, F6401						V	R, S	Q	B	B	B S
F105, F205						V	R, S	Q	B, D	C	B
F121, F123, F212, F213, F221, F223, F421, F423,		P	Z	AB	AA	K	J	I	L	B	B S
F214, F6214	X					V	R, S	T	AE	B	B
F301, F302, F501, F502, F1301, F1302, F1501, F1502, F5301, F5501, F6301, F6501	W					V	R, S	T	B	B	B A
F303, F503, F307, F507, F1303, F1503, F1307, F1507, F5303, F5503, F6303, F6503	W					V	R, S	Q	Y	B	B A
F305, F505, F6305, F6505	E					V	R, S	T	B	B	B A
F306, F506, F1306, F1506, F5706, F6306, F6506, F6706	AC					V	R, S	Q	B	B	B
F402, F404, F1404, F6404						V	R, S	Q	H, G	F	B U
F511, F512	N, O	P	Z	AB	AA		M	B	B	B	B A
F513	N, O	P	Z	AB	AA					B	B A
F1423, F5212, F5213, F6212, F6213, F6221, F6223, F6243		AF	AG	AG	AG	K	J	I	L	B	B
F1458						V	R, S	Q	AC	B	B
F5510, F6510		AF	AG	AG	AG	M	N	O	B	B	B A
F6760						V	R, S	T	S	T	B A
F6761						V	R, S	Q	Y, W	B	B A

A	1306 5438	(indexed from keyboard columns "0" and "1" on styles F511, F512, F513)	K	1306 5529
			L	1306 5545
	1306 5461	for machines with register selection carriage control to prevent selection and/or indication of a higher numbered register from keyboard column "0"	M	1306 5578
			N	1306 5594
			O	1306 5602
			P	1306 5446
B	1306 5255		Q	1306 5297
C	1306 5263	for machines without keys in column 9. Use 1306 5255 for machines with keys in column 9		1306 5362
D	1306 5271	for machines without keys in column 9. Use 1306 5255 for machines with keys in column 9		1343 4709
E	1306 5289			
F	1306 5339		R	1306 5313
G	1306 5404	count columns	S	1306 5354
H	1306 5412		T	1306 5362
I	1306 5479			
J	1306 5487			

PART NUMBERS CONTINUED ON NEXT PAGE

Keyboard

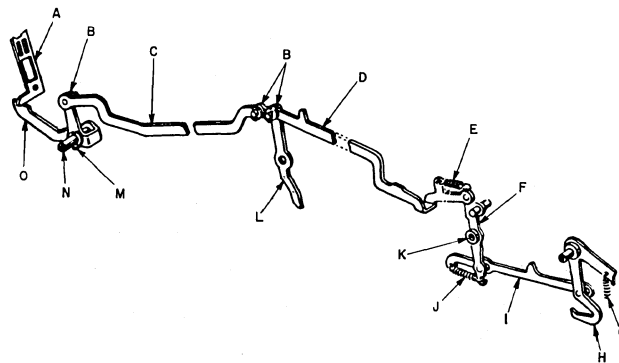
PART NUMBERS (PLATE IV-9) CONTINUED

U	1306 5370						serial F83053P and after serial F27059P. Use
V	1306 5420						1304 8640 complete index rack and sector
W	1306 5503	after serial F22931P on styles F303, F503 and					lock assembly, 1329 6892 keyboard plate,
		after serial F20837P on styles F301, F302,					1306 5677 plate, 1301 3446 keystems (18 req.)
		F501, F502. Use 1306 5289 before serial					for positions 1 thru 9 columns 13 and 14,
		F22932P on styles F303, F503 and before					before serial F27060P. Use 1029 4130
		serial F20838P on styles F301, F302, F501,					eccentric adjusting screw and 1010 0469 nut
		F502					to adjust index rack with broken joint before
	1336 0706	for machines with register selection carriage					serial F83053P
		control to prevent selection and/or indication	AC	1336 0763			for styles F306, F506 with keys in column "0"
		of a higher numbered register from keyboard		1306 5503			for styles F306, F506 without keys in column
		column "0"					"0" and styles F1306, F1506
X	1306 5511	(operators identification) after serial F40794P.	AD	1306 5297			for machines with 12 characters in column 11
		Use 1306 5289 before serial F40795P		1306 5255			for machines with 9 characters in column 11
Y	1306 5594		AE	1306 5560			for machines with 10 columns of listing keys
Z	1306 5586			1306 5362			for machines with 9 columns of listing keys
AA	1306 5628		AF	1336 0771			
AB	1336 0748	after serial F83052P. Use 1336 0748,	AG	1336 0789			
		1325 8546 bail, 1015 1694 spacer before					

[PLATE IV-10]

Reserved for Future Use

MOTOR BAR NO. 1 LINKAGE (PLATE IV-11)



PART NUMBERS (PLATE IV-11)

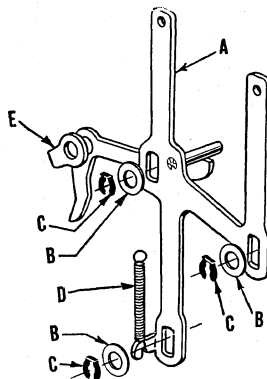
A	-- --	refer to KEYSTEM LOCATION CHART for part number	G	1027 6392	spring
B	1010 0220	clip	H	-- --	refer to SENSING LEVER BELLCRANKS for part number
C	1303 8708	link	I	1303 8617	link
D	1303 8021	link, all styles except as listed below	J	1028 8892	spring
	1325 2085	link for F5212, F5213	K	1344 3338	flanged collar
	1325 2044	link for styles with automatic fee indexing mechanism, repeat of motor bar 4 and non-skip from bar 1 and 4 except F5211, F5212	L	1303 8724	lever
	1325 2218	link for styles F5211, F5212	M	1010 0238	clip
E	1015 2262	spring	N	-- --	refer to RIGHT SIDE FRAME (POS. 17) for part numbers
F	1303 7957	lever	O	1303 8682	bellcrank
	1303 7965	lever for carriage return or lane 3 tabulation indexed when crossfooter "A" is minus, carriage controlled			

Keyboard

MOTOR BAR NO. 2 LINKAGE (PLATE IV-12)

PART NUMBERS (PLATE IV-12)

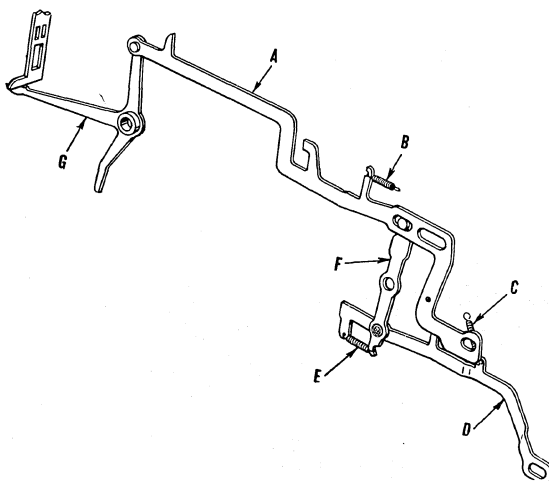
- | | | |
|---|-----------|---|
| A | 1325 2739 | keystem for series F1000, F5000, F6000 |
| | 1325 2721 | after serial F66814P] keystem for series F25 |
| | 1303 5985 | before serial F66815P] thru F500, F700 |
| B | 1303 9854 | washer |
| C | 1010 0238 | clip |
| D | 1027 6574 | spring |
| E | 1303 5928 | bellcrank for all styles except F402, F404 |
| | | F1404, F6404 without "A" subtract bar not to |
| | | operate machine |
| | 1303 5936 | bellcrank for styles F402, F404, F1404, |
| | | F6404 without "A" subtract bar not to oper- |
| | | ate machine. |



MOTOR BAR NO. 3 LINKAGE (PLATE IV-13)

PART NUMBERS (PLATE IV-13)

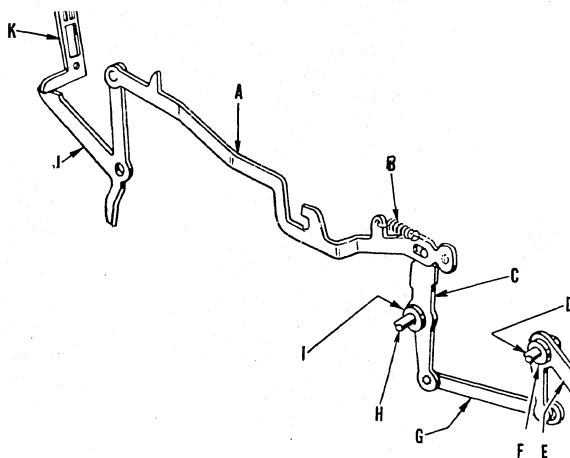
- | | | |
|---|-----------|---|
| A | 1303 8047 | link for form space from motor bar 3 |
| | 1325 2119 | link for carriage non-tabulate, carriage con- |
| | | trolled |
| | 1325 2127 | link for carriage opening from motor bar 3 |
| | | except with carriage non-tabulate, carriage |
| | | controlled |
| | 1325 2176 | link for carriage non-tabulate and carriage |
| | | open from motor bar 3 |
| | 1325 2226 | link for motor bar 3 to function as motor bar |
| | | 1 except with lane 3 control |
| B | 1015 2262 | spring |
| C | 1028 8967 | spring |
| D | 1303 8609 | link |
| | 1325 2481 | link for motor bar 3 to function as motor bar |
| | | 1 except with lane 3 control |
| E | 1028 8892 | spring |
| | 1026 9371 | spring for motor bar 3 to function as motor |
| | | bar 1 except with lane 3 control |
| F | 1303 7999 | link |
| | 1325 2028 | link for motor bar 3 to function as motor |
| | | bar 1 except with lane 3 control |
| | 1303 8005 | link for disable space from motor bar 3 |
| G | 1303 8799 | bellcrank |



MOTOR BAR NO. 4 LINKAGE (PLATE IV-14)

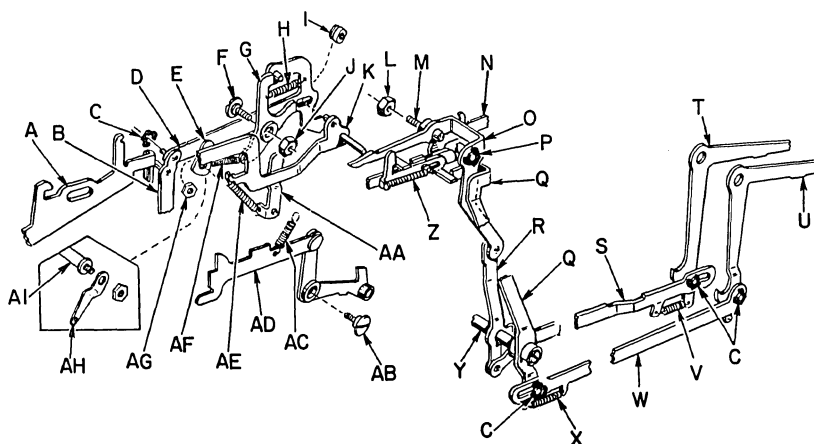
PART NUMBERS (PLATE IV-14)

- | | | |
|---|-----------|--|
| A | 1303 8013 | link |
| | 1325 2168 | link, for automatic fee indexing mechanism |
| | | with repeat of bar 4 and non-skip from motor |
| | | bar 1 and 4, carriage controlled |
| B | 1015 2262 | spring |
| C | 1303 7932 | lever |
| D | -- -- | refer to RIGHT SIDE FRAME for part number |
| E | -- -- | refer to SENSING LEVER BELLCRANKS for |
| | | part number |
| F | -- -- | refer to SENSING LEVER BELLCRANK for part |
| | | number |
| G | 1303 8922 | link |
| H | -- -- | refer to RIGHT SIDE FRAME for part number |
| I | 1344 3338 | flanged collar |
| J | 1303 8765 | bellcrank |
| | 1303 8773 | bellcrank, for motor bar 4 not to disable |
| | | repeat and repeat of keyboard |
| K | -- -- | refer to KEYSTEM CHART for part number |



Keyboard

REPEAT OF AUXILIARY MOTOR BARS - CARRIAGE CONTROLLED (PLATE IV-15)

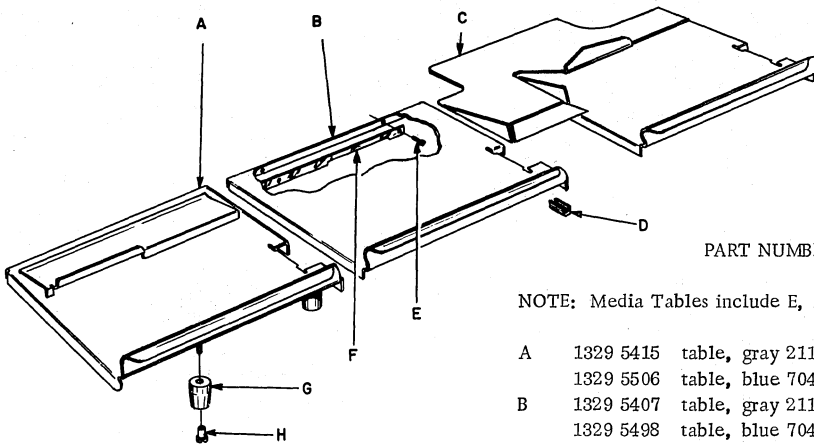


PART NUMBERS (PLATE IV-15)

A	-- --	refer to KEYSTEM LOCKING SLIDES for part number	S	-- --	included in R
B	1303 9391	link	T	-- --	refer to SENSING LEVER BELLCRANKS for part number, lane 18
C	1010 0220	clip	U	-- --	refer to SENSING LEVER BELLCRANKS for part number, lane 23
D	1325 2952	arm, for series F1000, F5000 and F6000	V	1027 1971	spring
	1303 9417	arm, for series F25 thru F500 and F700	W	1325 5252	link
E	1026 6377	guide clip	X	1304 2965	spring
F	1340 2995	screw	Y	1304 2213	screw post, use 1010 0360 nut
G	1303 9458	bellcrank		1325 5211	screw post, for repeat of motor bar 4 and non-skip from bar 1 and 4, carriage controlled, use 1010 0360 nut
H	1027 1732	spring	Z	1027 2821	spring
I	1304 2619	guide nut	AA	1303 9466	anchor
J	1010 0378	nut	AB	1304 1017	screw
K	1303 9433	link	AC	1026 9348	spring
L	1010 0360	nut	AD	1303 8518	bellcrank
M	1304 2221	post	AE	1026 9355	spring
N	-- --	refer to MOTOR BAR NO. 1 LINKAGE	AF	1027 3225	spring
O	1303 8971	bellcrank	AG	1010 0386	nut
	1325 2655	bellcrank, for repeat of motor bar 4 and non-skip from bar 1 and 4, carriage controlled	AH	1343 1333	guide
P	1010 0238	clip	AI	1325 8413	post
Q	1325 2606	arm			
R	1303 8955	bellcrank			

Keyboard

MEDIA TABLES (PLATE IV-16)

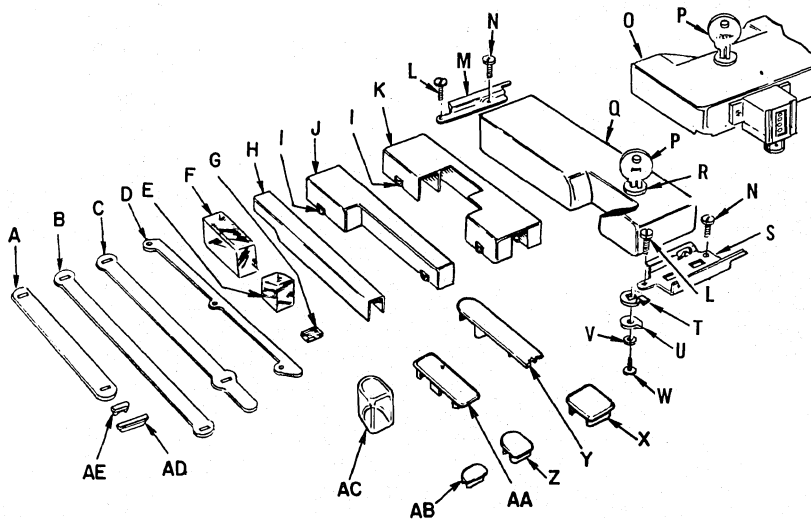


PART NUMBERS (PLATE IV-16)

NOTE: Media Tables include E, F, G and H

A	1329 5415	table, gray 211	} style 3
	1329 5506	table, blue 704	
B	1329 5407	table, gray 211	} style 1
	1329 5498	table, blue 704	
C	1329 5423	table, gray 211	} style 2
	1329 5514	table, blue 704	
D	1056 4276	rubber edging, use prior to use of part numbers E and F	
E	1340 2862	screw, use 1010 0469 nut	
F	1329 6546	retainer	
G	1329 6538	rubber bumper	
H	1338 7618	shoulder nut	

COVERS AND PLUGS FOR KEYS AND KEYBOARDS (PLATE IV-17)



PART NUMBERS (PLATE IV-17)

A	1329 3808	cover, for 9 slots in 12 key column	} gray 211
	1329 3824	cover, for 7 slots in 12 key column	
B	1301 2091	cover, for slots in 12 key column	
C	1301 2083	cover, for slots in 9 key column	
D	1329 3816	cover, for slots in column "C"	
	1329 3832	cover, use in column "C" with extended overdraft	
E	1301 3156	plastic cover, for single control key, series F25 thru F500 and F700	
F	1301 3164	plastic cover, for subtract bar, series F25 thru F500 and F700	
	1329 5480	plastic cover, for series F1000, F6000 and Dual Printers	
G	1302 3767	plastic cover, for single keytop, series F25 thru F500 and F700	

PART NUMBERS CONTINUED ON NEXT PAGE

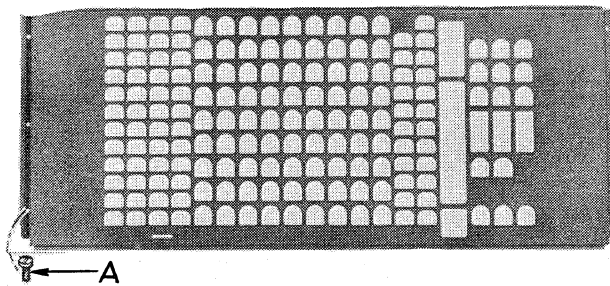
Keyboard

PART NUMBERS (PLATE IV-17) CONTINUED

✓ H	1301 3099	key cover, single column, gray 211	U	1301 2364	lock cam, for 2 or 3 result columns after F17355P for series F25 thru F500 and F700
	1329 5456	key cover, single column, blue 704			
	1528 5745	key cover, single column, gray 227			
I	1012 2695	rubber foot, gray 211		1301 2356	lock cam, for 2 result columns before F17356P
	1341 6649	rubber foot, blue 704			
✓ J	1301 3131	cover, gray 211	V	1256 7459	lockwasher, included in R
	1329 5530	cover, blue 704	W	1051 1129	screw, included in R
	1528 5737	cover, gray 227	✓ X	1337 3857	plug, blue 704, for motor bar 1
✓ K	1301 3115	cover, gray 211		1528 5612	plug, gray 228, for motor bar 1
	1329 5555	cover, blue 704		1337 3873	plug, blue 704, for motor bar 2
	1528 5737	cover, gray 227		1528 5638	plug, gray 228, for motor bar 2
L	1012 0178	screw		1337 3865	plug, blue 704, for motor bar 3 and 4
M	1301 1119	bracket, for 2 or 3 result columns after F17355P		1528 5620	plug, gray 228, for motor bar 3 and 4
	1301 1101	bracket, for 2 result columns before F17356P	✓ Y	1337 3766	plug, blue 704, for 12 key column
N	1028 7738	screw		1528 5588	plug, gray 228, for 12 key column
O	1329 5605	complete cover, lock and counter assembly for 2 or 3 result columns, gray 211		1337 3774	plug, blue 704, for 9 key column
P	-- --	90 5/8 style 2 Key BU2200 standard and BU1075	✓ Z	1528 5596	plug, gray 228, for 9 key column
		90 5/8 specify Key No. BU2001 thru BU2099		1337 3725	plug, blue 704, for single key on 9 key column and columns A, B or C except subtract bar and repeat keys
		90 5/8 style 7 specify Key No. 1001F8 thru 1080F8 and 1091F8 thru 1100F8		1528 5547	plug, gray 228, for single key on 9 key column and columns A, B or C except subtract bar and repeat keys
Q	1301 9633	cover, for 2 or 3 result columns after F17355P gray 211		1337 3741	plug, blue 704, for repeat key
	1301 9617	cover, for 2 result columns, before F17356P		1528 5562	plug, gray 228, for repeat key
R	-- --	90 1/2 style 4 lock BU2200 standard includes V and W	✓ AA	1337 3758	plug, blue 704, for subtract bar
		90 1/2 specify Key No. BU2001 thru BU2099 and BU1075 includes V and W, for optional combinations remove outer shell and nut and use cylinder only		1528 5570	plug, gray 228, for subtract bar
		90 1/2 style 7 specify Key No. 1001F8 thru 1080F8 and 1091F9 thru 1100F8	✓ AB	1337 3733	plug, blue 704, for single key in 12 key column
S	1301 1135	bracket, for 2 or 3 result columns after F17355P		1528 5554	plug, gray 228, for single key in 12 key column
	1301 1127	bracket, for 2 result columns before F17356P	AC	1329 5464	plastic cover, for single listing key series F1000, F6000 and Dual Printers
T	1301 1143	collar		1329 5472	plastic cover, for control key
			✓ AD	1300 1565	plug, gray 211
				1337 3824	plug, blue 704
				1528 5604	plug, gray 228
			AE	1300 1557	plug, for single slot and for attaching parts A, B or C, gray 211
				1337 3691	plug, for motor bars 1, 3 or 4, gray 211
				1337 3709	plug, for motor bar 2 (2 req.), gray 211
				1337 3717	plug, gray 211
				1337 3840	plug, blue 704

Keyboard

KEYBOARD COVER PLATES (PLATE IV-18)



PART NUMBERS (PLATE IV-18)

- A Mounting Screws
 1012 0178 for F1000 and right side of F5000
 1340 3803 for left side of F5000
 1340 2961 for F6000

COVER PLATES

*STANDARD MACHINE STYLES

PART NUMBERS

F1050, F1103, F1203, F1250, F1707	1329 9797
F1101, F1201	1329 9755
F1211 with RET/CK key	1329 9870
F1211 without RET/CK key	1329 9888
F1301, F1302, F1501, F1502	1329 9656
F1303, F1503	1329 9664
F1306, F1401, F1506	1329 9771
F1307, F1403, F1507	1329 9763
F1404	1330 0173
1512 0322(1458)	1502 5612
F5101, F5201, F5301, F5401, F5501	1330 0116
F5103, F5203, F5204, F5303, F5403,	
F5503, F5707	1330 0132
F5211	1330 0157
F5212	1329 9862
F5213	1330 0231
F5250	1330 0967
F5510	1330 0306
F6050, F6250	1330 0520
F6101, F6201, F6291	1330 0488
F6104, F6204	1330 0413
F6209	1330 0512
F6211	1330 0363
F6212	1330 0355
F6213	1330 0348
F6214	1330 0421
F6223	1330 0546
F6221	1330 0538
F6260	1209 2987
✓ F6262, F6282, F6284	1330 0462
F6281	1330 0496
F6293, F6707, F6203, F6103, F6263	1330 0389
F6301, F6501	1330 0397

F6303, F6503	1330 0405
F6305, F6505	1330 0504
F6306, F6506, F6401	1330 0470
F6307, F6403, F6507	1330 0439
F6404	1330 0371
F6423	1344 4070
✓ F6460, F6560	1209 1115
F6510	1330 0447
F6760	1330 0454
F6761	1330 0652
✓ F6764, F6765	1209 1187

*STYLES WITH SPECIAL FEATURES

PART NUMBERS

Characters to print in S-2	
F1306, F1506	1329 9714

Crossfooter "A" non clear lock	
F1201	1329 9961
F1203	1330 0009
F1301, F1302, F1501, F1502	1329 9920
F1303, F1503	1329 9938
F1401	1329 9987
F1403	1329 9979

Register selection from keyboard column "0"	
F1201, F1401	1329 9656
F1203, F1403	1329 9664
F6201	1330 0942
F6203	1330 0926
F6401	1330 0397
F6403	1330 0405

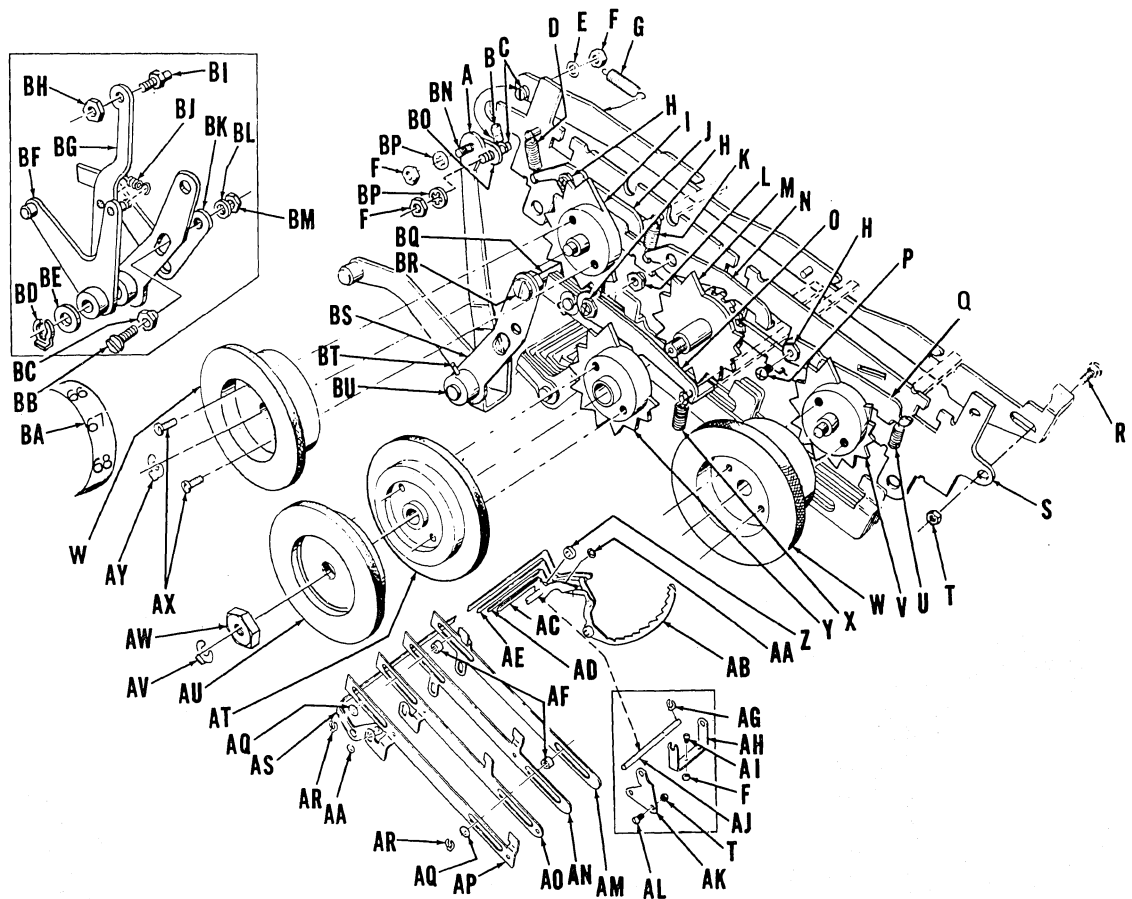
Result and control keys added	
F6760	1330 1031
✓ F6760P	1330 1023
F 6761	1330 1015

With character printing positions optional	
F6213	1330 1189

*For styles and special features not listed, order by machine style, serial number, factory order number and describe special features.

Keyboard

CALENDAR FEATURE, ROTARY DIAL INDEXED - FOUR DIAL CONSTRUCTION (PLATE IV-19)



PART NUMBERS (PLATE IV-19)

A	1301 3222	bellcrank, use 1502 2403 bellcrank, 1502 2692 ecc. screw, 1010 0360 nut for style F1423	W	1523 5633	month or year indicator dial, use 1503 0547 decal for months
B	1015 3963	spring	X	1027 3068	spring
C	1028 7662	spring anchor screw	Y	1502 4714	star wheel - units of days
D	1027 7077	spring	Z	1027 6970	collar .121" long
E	1256 7459	lockwasher	AA	1010 0154	clip
F	1010 0378	nut	AB	1336 0771	index rack - years, use 1017 1445 spring
G	1014 7650	spring		1336 0789	month, tens of days and units of days, use 1026 9884 spring
H	1340 2375	eccentric, use screw P	AC	1325 1871	index bail - years
I	1502 4755	star wheel - years		1325 1939	for Dual Printers
J	1502 4698	detent - years	AD	1325 1863	index bail - tens of days
K	1027 6939	spring		1325 1921	for Dual Printers
L	1340 2367	eccentric	AE	1325 1855	index bail - units of days
M	1502 4771	star wheel - tens of days		1325 1913	for Dual Printers
N	1502 4680	detent - tens of days	AF	1010 6441	collar, .120" long
O	1502 4672	detent - units of days	AG	1010 0238	clip
P	1340 2961	screw	AH	1325 8561	bracket
Q	1502 4664	detent - months		1325 8579	for Dual Printers
R	1010 9759	screw	AI	1010 8991	screw, all styles except those listed below
S	1329 3741	separator strip assembly		1010 8983	for styles F6303, F6307, F6503, F6507 and F6707
T	1010 0360	nut			
U	1307 3002	spring			
V	1502 4730	star wheel - months			

PART NUMBERS CONTINUED ON NEXT PAGE

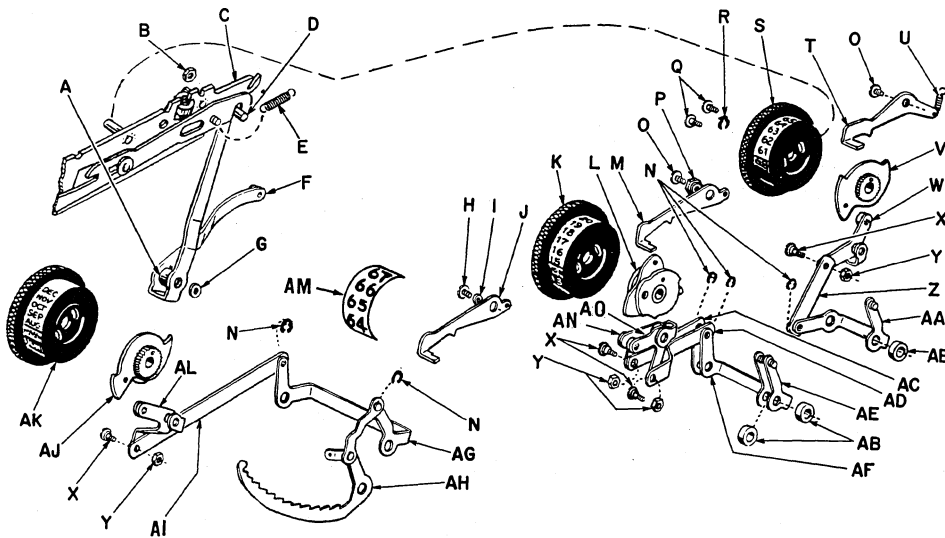
Keyboard

PART NUMBERS (PLATE IV-19) CONTINUED

AJ	1505 0701	shaft	BA	1509 0624	decals
	1376 3710	for Dual Printers	BB	1026 0651	screw
AK	1325 8603	brace	BC	1035 1716	eccentric
	1502 2288	bracket for style F1423	BD	1010 0238	clip
AL	1010 9981	screw	BE	1028 7704	spacer
AM	1326 5822	index slide - years	BF	1335 0764	cam arm
AN	1326 5848	index slide - tens of days	BG	1335 0756	arm
AO	1326 5830	index slide - units of days	BH	1256 5230	nut
AP	1326 5855	index slide - month	BI	1339 0869	ecc. screw post
AQ	1337 1778	spacer	BJ	1026 2558	spring
AR	1300 1490	clip	BK	1335 0749	arm, included in BU
AS	1325 1848	index bail - month	BL	1256 7434	lockwasher
	1325 1905	for Dual Printers	BM	1010 0360	nut
AT	1503 0679	units of days indicator dial, use 1503 0661 decal	BN	1010 9601	screw
AU	1503 0794	tens of days indicator dial, use 1503 0687 decal	BO	1303 4665	link
AV	1010 0212	clip	BP	1256 7715	lockwasher
AW	1311 5696	nut	BQ	1340 2391	eccentric stud
AX	1343 0293	screw		1502 2700	for style F1423
AY	1010 0220	clip	BR	1048 6058	screw
			BS	-- --	included in BU
			BT	1011 9964	pin, included in BU
			BU	-- --	refer to SHAFT ASSEMBLIES (SEC. VIII)

for Dual Printers

CALENDAR FEATURE - ROTARY DIAL INDEXED - THREE DIAL CONSTRUCTION -
F100 THRU F500 AND DUAL PRINTERS (PLATE IV-20)



PART NUMBERS (PLATE IV-20)

A	1338 8707	collar, use 1255 7617 screw		bushing I
B	1010 0329	nut	*K	1331 5635 dial only - days, after F52097P
C	1301 1069	plate, for series F100 thru F500 after F66200P	L	1329 5894 cams
	1301 1051	plate, before F66201P	M	1330 1924 detent. Use 1330 1924 detent and 1017 1999 eccentric on machines not having eccentric P
	1330 1858	plate, for Dual Printers	N	1010 0154 clip
D	1339 0869	eccentric post	O	1340 2961 screw
E	1026 9751	spring	P	1017 1999 eccentric
F	1301 3222	camming arm for series F100 thru F500	Q	1343 0293 screw
	1301 3230	camming arm for Dual Printers	R	1010 0220 clip
G	1010 4446	spacer		
H	1010 8991	screw		
I	1337 6165	bushing		
J	1330 1924	detent. Use 1330 1924 detent, 1010 8991 screw and 1337 6165 bushing on machines not having		

PART NUMBERS CONTINUED ON NEXT PAGE

Keyboard

PART NUMBERS (PLATE IV-20) CONTINUED

*S	1331 5650	dial only - years, after F52097P	AF	1303 7817	bail, for series F100 thru F500
	1331 5718	dial only - blank		1325 1806	bail, for Dual Printers
T	1301 2984	detent	AG	1303 7791	bail, for series F100 thru F500
U	1027 6939	spring		1325 1772	bail, for Dual Printers
V	1329 5902	cam	AH	-- --	refer to Index Racks
W	1303 7080	bellcrank, use 1010 0212 clip	AI	1303 7056	link
X	1343 0129	eccentric screw	AJ	1329 5878	cam
Y	1010 0386	nut	*AK	1331 5619	dial only - months, after F52097P
Z	1303 7213	link		1331 5676	dial only - Roman Numerals I thru XII
AA	1303 7825	arm, for series F100 thru F500		1331 5692	dial only - blank
	1325 1780	arm, for Dual Printers	AL	1303 7643	bellcrank, use 1010 0212 clip
AB	1017 0710	collar	AM	1509 1440	decals of current years
AC	1325 8520	link, after F44761P	AN	1303 7833	bellcrank, use 1010 0212 clip
		Use 1325 8520 link, 1325 8546 bracket and	AO	1303 7379	bellcrank
		1325 8595 plate before F44762P			
AD	1303 7106	link			
AE	1303 7809	bail, for series F100 thru F500			
	1325 1798	bail, for Dual Printers			

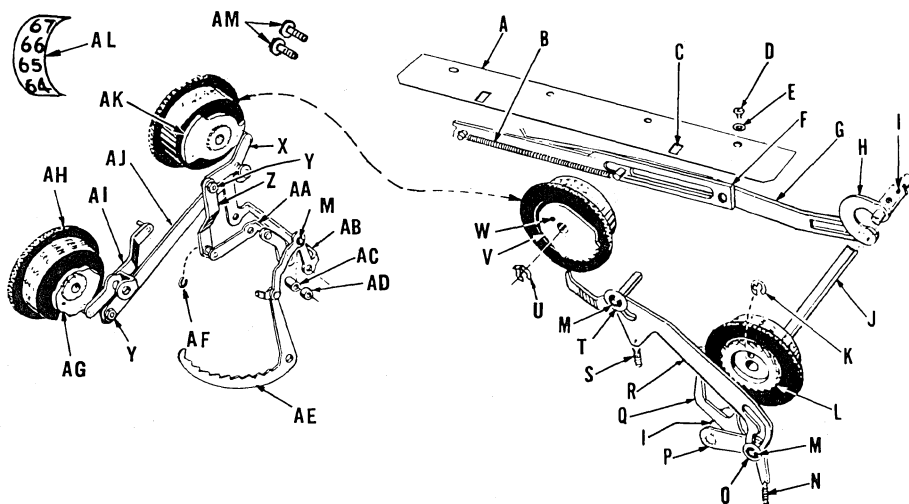
*On machines before serial F52098P

For days order K, L, Q (2 req.)

For years order S, V, Q (2 req.)

For months order AK, AJ, Q (2 req.)

CALENDAR FEATURE WITH ADVANCING MONTH AND YEAR CONTROL - F100 THRU F500 (PLATE IV-21)

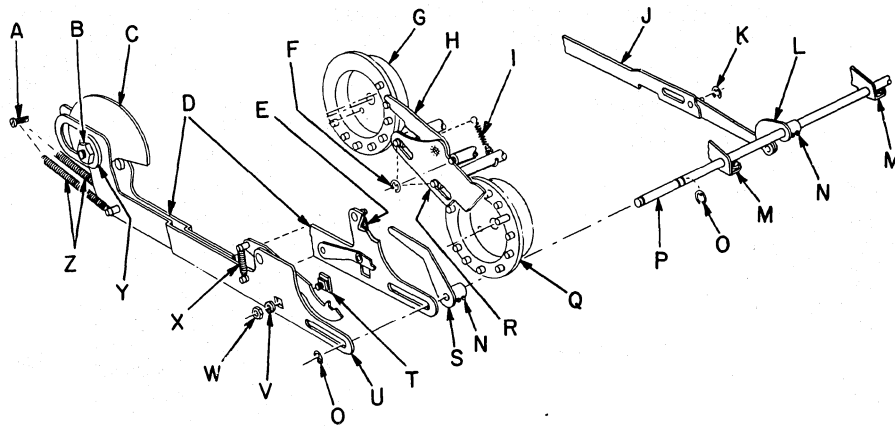


PART NUMBERS (PLATE IV-21)

A	1343 4311	plate, includes C	U	1010 0220	clip
B	1028 7928	spring	V	1343 4253	ratchet
C	1343 4410	plastic window, included in A	W	1343 4402	spring locking pin, included in AG and AK
D	1012 0178	screw	X	1303 7080	bellcrank
E	1010 4743	washer	Y	1010 0360	nut, use 1343 0129 screw
F	1343 4675	slide	Z	1343 4543	link
G	1343 4279	link	AA	1343 4568	bail
H	1343 4261	arm	AB	1303 7791	bail
I	1303 1836	setscrew	AC	1306 7798	spacer
J	1343 4667	shaft	AD	1017 0702	spacer
K	1010 0147	clip	AE	-- --	refer to INDEX RACKS
L	1329 6629	ratchet	AF	1255 3129	clip
M	1010 0212	clip	AG	1343 4717	cam, includes W
N	1011 3108	spring	AH	1343 4485	dial only - months
O	1341 7951	washer	AI	1343 4550	bellcrank, use 1010 0154 clip
P	1343 4238	link	AJ	1343 4535	link
Q	1343 4303	arm	AK	1343 4725	cam, includes W
R	1343 4287	slide	AL	1509 1440	decals for years
S	1028 7142	spring	AM	1343 0293	screw
T	1024 7906	washer			

Keyboard

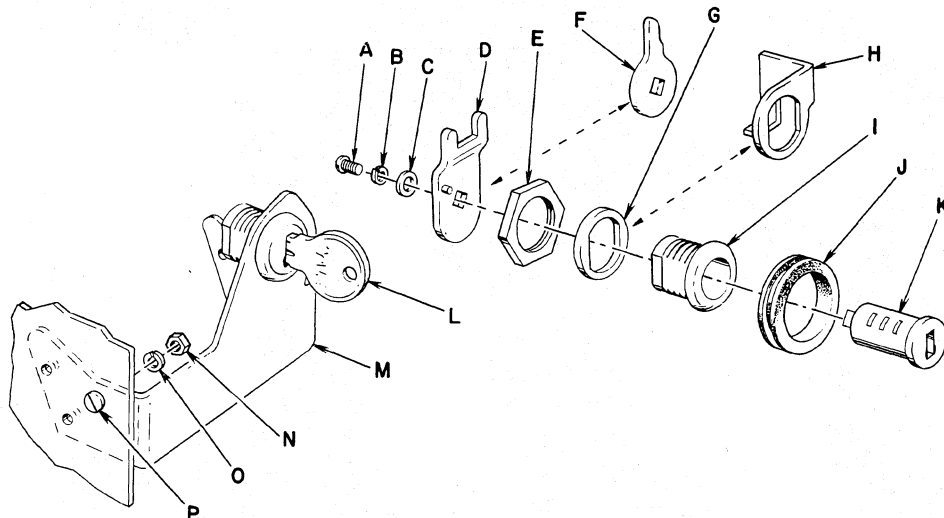
CALENDAR FEATURE WITH ADVANCING MONTH AND YEAR CONTROL F6000 (PLATE IV-22)



PART NUMBERS (PLATE IV-22)

A	1010 9239	screw	N	1255 8003	setscrew
B	-- --	nut, refer to MAIN CAMSHAFT	O	1255 3152	clip
C	1502 3955	cam assembly	P	1502 4219	shaft
D	1502 4102	drive slide assembly	Q	1503 0745	month indicator dial, use 1503 0547 decal
E	1027 3258	spring	R	1502 4201	slide assembly, includes H
F	1255 3129	clip	S	1502 4243	drive arm
G	1503 0810	year indicator dial, use 1509 0624 decal	T	1502 4086	square stud
H	-- --	included in R	U	1502 4144	slide assembly
I	1026 9884	spring, use 1300 1409 spring anchor	V	1256 7442	lockwasher
J	1502 4227	control slide (position 7A)	W	1256 5255	nut
K	1255 3160	clip	X	1026 9884	spring
L	1502 4011	drive link assembly	Y	1502 4250	collar
M	-- --	refer to SUPPORT BARS AND BRACES	Z	1028 8447	spring

LOCK AND KEY FOR CALENDAR FEATURE, POSITION 82, 82A AND 82B (PLATE IV-23)



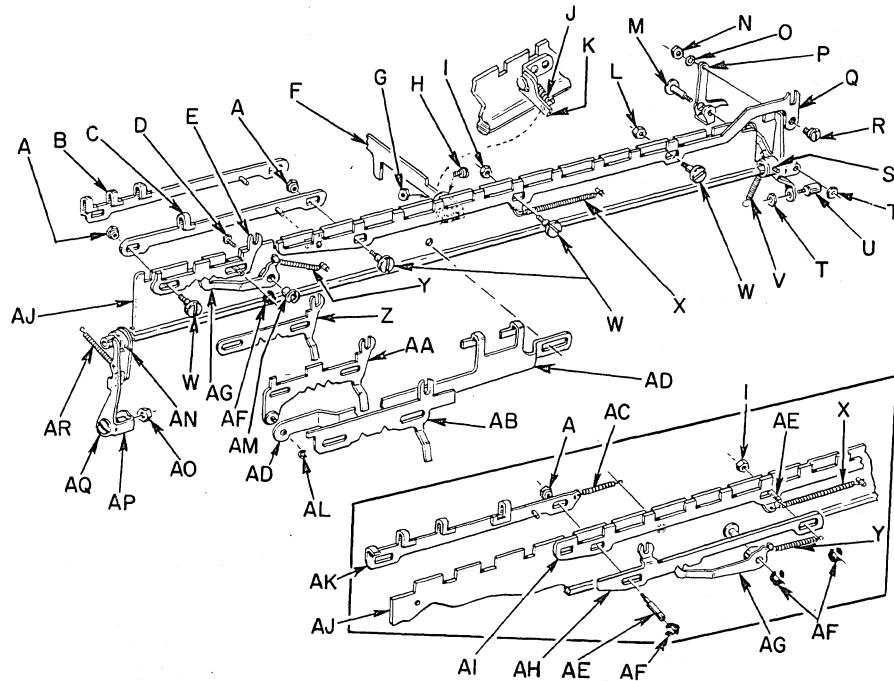
PART NUMBERS ON NEXT PAGE

Keyboard

PART NUMBERS (PLATE IV-23)

A	1051 1129	screw	included in K	I	-- --	included in K
B	1256 7459	lockwasher		J	1300 8289	rubber grommet
C	1010 4545	washer		K	-- --	90 1/2 style 6 lock assembly, includes A, B, C, E, I, specify combination(s) BU601 thru BU625 for all series except F6000 and styles F214 and F760.
D	1329 5019	cam for F6000 and Dual Printers	to prevent release of keys in date section and F700			90 1/2 style 7 lock assembly, includes A, B, C, E, I, specify combination(s) 1001F8 thru 1100F8 for series F6000 and styles F214 and F760
	1301 2554	for F100 thru F500 and F700				90 5/8 style 6 key, specify combination(s) BU601 thru BU625.
E	-- --	included in K				90 5/8 style 7 key, specify combination(s) 1001F8 thru 1100F8
F	1329 5027	cam for F6000	to prevent changing the rotary dial calendar features	L	-- --	bracket for Dual Printers for F100 thru F500, F700
	1329 4988	for Dual Printers				
	1301 2562	for F100 thru F500				
	1329 5001	cam for F1000	to prevent depression of control keys	M	1325 3612	nut
	1329 4996	for F5000, F6000		N	1010 0360	lockwasher
G	1337 7809	spacer for F6000 and Dual Printers having lock with key to prevent release of keys in date section		O	1256 7442	screw
H	1326 6077	limit bracket, for F6000 with lock with key to prevent changing the rotary dial calendar feature		P	1010 7142	

KEY RELEASE BAIL ASSEMBLY (PLATE IV-24)



PART NUMBERS (PLATE IV-24)

A	1028 8561	shoulder nut				days in date column
B	1329 4657	slide				for repeat of specified columns, trim as required.
	1329 4723	for repeat of specified columns, trim as required				
C	1329 4608	slide, after serial B214688. Use 1329 4608 slide, 1028 8512 screw, 1301 9443 bushing, 1301 9583 screw, 1028 8561 nut before serial B214689.	D	1301 9583	screw, after serial B214688. Use 1301 9583 screw, 1301 9443 bushing, 1329 4608 slide, 1028 8512 screw, 1028 8561 nut before serial B214689.	
	1329 4616	for characters, keyboard column 13 to replace				

PART NUMBERS CONTINUED ON NEXT PAGE

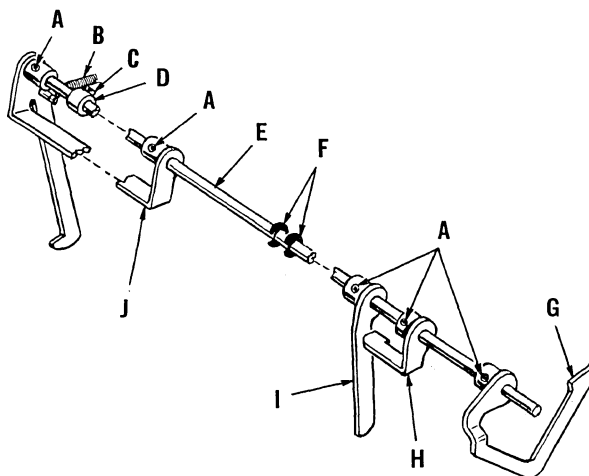
Keyboard

C

**Has 2 notches - for machines having lock
with key for date section

Keyboard

KEYBOARD BAIL AND SHAFT ASSEMBLY FOR AUTOMATIC CHECK COUNT (PLATE IV-25)

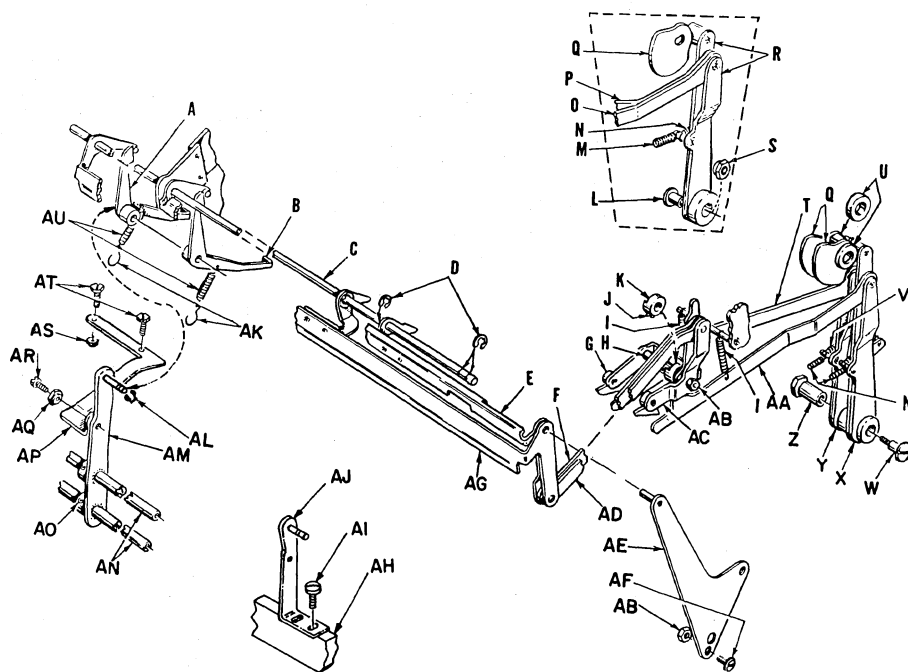


PART NUMBERS (PLATE IV-25)

A	1255 7617	screw
B	1013 3387	spring for series F200, F6000
	1015 2262	spring for series F5000
C	1028 8769	screw, included in D
D	1028 8686	set collar for all styles except F6423, includes C
	1502 8608	set collar for style F6423
E	1301 0566	shaft for series F200
	1329 3089	shaft for series F5000
	1329 3097	shaft for series F6000
F	1255 3129	clip
G	1301 2901	arm
H	1301 3206	arm
I	1329 6504	arm
J	1301 2919	bail for series F200, F6000
	1330 1817	bail for series F5000

Keyboard

REGISTER DESIGNATION AND NON-ADD CONTROLS FROM REGISTER
SELECTION KEYS IN COLUMN "0" AND "1" (PLATE IV-26)

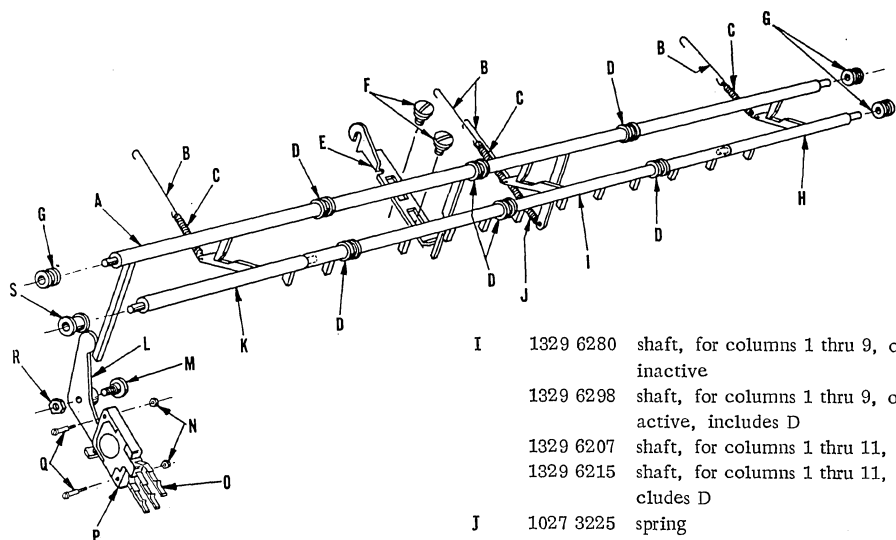


PART NUMBERS (PLATE IV-26)

A	1329 5258	arm	W	1300 8099	shoulder screw
B	1329 5241	arm	X	1505 4075	lever
C	1329 3345	shaft	Y	1505 4083	lever
D	1300 1490	clip	Z	1338 8764	shoulder nut
E	1329 5274	bail	AA	1325 9809	link for double bellcrank construction
F	1325 9734	link for styles F511, F512, F513, F5510, except with register selection keys, column "0" and "1", to operate machine	AB	1010 0360	nut
	1325 9759	link for styles F511, F512, F513, F5510, with the above feature	AC	1325 9858	bellcrank for styles F511, F512, F513, F5510
	1325 9775	link for style F6510		1325 9866	bellcrank for style F6510
G	1325 9874	bellcrank for styles F511, F512, F513, F5510	AD	1325 9726	link for styles F511, F512, F513, F5510 except with register selection keys, columns "0" and "1" to operate machine
	1325 9882	bellcrank for style F6510		1325 9742	link for styles F511, F512, F513, F5510 with the above feature
H	1304 2932	post		1325 9767	link for style F6510
I	1026 9769	spring	AE	1329 6603	plate for styles F511, F512, F513, F5510
J	1011 0070	screw, included in K		1329 6611	plate for style F6510
K	1015 1629	collar, includes J	AF	1010 8983	screw
L	1023 7980	pivot screw for single bellcrank construction	AG	1329 5290	bail
M	1027 3191	spring	AH	-- --	refer to SUPPORT BARS AND BRACES
N	1056 8988	spring	AI	1303 1893	screw
O	1325 9791	link	AJ	1326 2431	brace
P	1325 9783	link	AK	1026 6351	spring anchor
Q	1328 6067	cam for double bellcrank construction. Use 1328 6067 cam (2), 1301 0079 recessed spacer, 1337 4996 spacer (2), to replace cam on single bellcrank construction	AL	1010 0238	clip
			AM	1326 2423	brace
R	1325 9692	lever	AN	-- --	refer to COUNTER DIAL ASSEMBLY
S	1028 7332	nut	AO	1255 7617	bristol screw
T	1325 9817	link for double bellcrank construction	AP	1326 2449	bracket
U	1337 4996	spacer	AQ	1010 9932	eccentric nut
V	1340 9610	spring for double bellcrank construction, use 1013 3106 spring before serial F139261P	AR	1027 6533	screw
			AS	1010 0378	nut
			AT	1304 2775	screw
			AU	1026 9348	spring

Keyboard

KEYBOARD CONTROLS FOR ENFORCED USE OF KEYS (PLATE IV-27)



PART NUMBERS (PLATE IV-27)

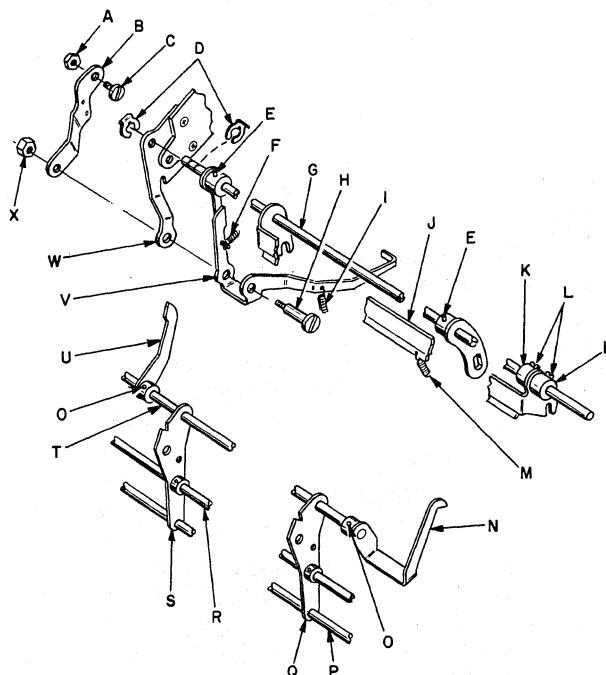
A	1329 6314	shaft assembly, includes D
B	1343 1325	spring hanger
C	1026 9298	spring
D	1329 6348	collar, included in A and I
E	1329 6322	slide
F	1028 8785	screw, use 1028 7043 nut
G	1329 6355	collar
H	1329 6249	shaft, for column "0", inactive
	1329 6256	shaft, for column "0", active

I	1329 6280	shaft, for columns 1 thru 9, or 1 thru 10, inactive
	1329 6298	shaft, for columns 1 thru 9, or 1 thru 10, active, includes D
	1329 6207	shaft, for columns 1 thru 11, inactive
	1329 6215	shaft, for columns 1 thru 11, active, includes D
J	1027 3225	spring
K	1329 6223	shaft, for column 12, inactive
	1329 6231	shaft, for column 12, active
	1329 6264	shaft, for column 11, or 11 and 12, inactive
	1329 6272	shaft, for column 11, or 11 and 12, active
L	1325 8017	lever
M	1340 4173	shoulder screw
N	1010 0477	nut
O	1311 8559	leads
P	1343 1242	switch
Q	1343 0350	screw
R	1010 0469	nut
S	1329 6363	collar

KEYBOARD CONTROLS FOR REGISTER SELECTION FROM CHARACTER KEYS IN COLUMN "10" (PLATE IV-28)

PART NUMBERS (PLATE IV-28)

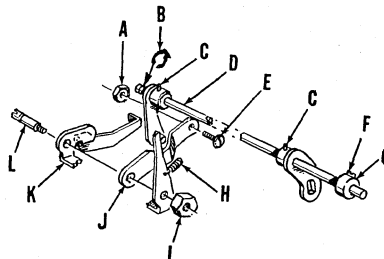
A	1010 0378	nut
B	1301 2877	link
C	1300 6788	screw
D	1010 0220	clip
E	1017 0942	pin
F	1029 2407	spring
G	1301 0590	shaft assembly
H	1026 2459	shoulder screw
I	1027 3050	spring
J	1301 2869	bail
K	1011 9915	collar, includes L
L	1011 0070	screw, included in K
M	1026 9900	spring
N	1308 0890	bail
O	1255 7617	setscrew
P	-- --	refer to COUNTER DIAL ASSEMBLY
Q	-- --	
R	-- --	
S	-- --	
T	1307 9165	shaft only
U	1308 0908	arm
V	1301 2844	bail
W	1301 1002	separator plate
X	1010 0360	nut



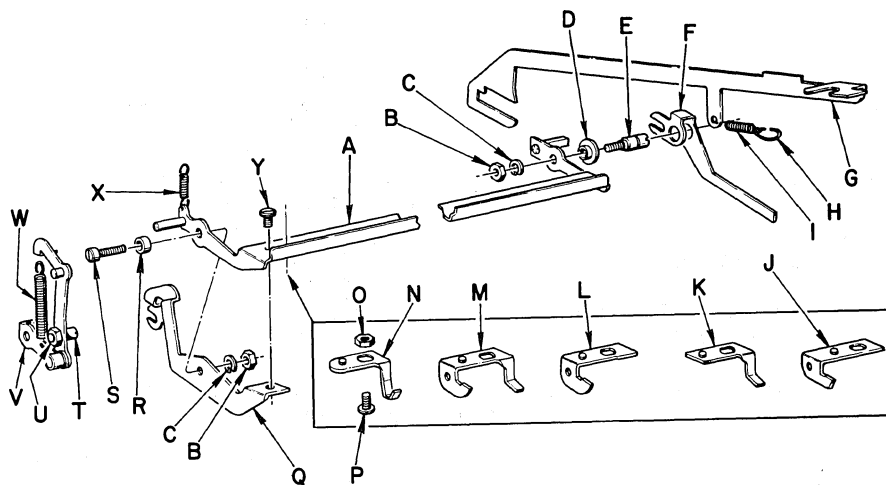
KeyboardKEYBOARD CONTROLS FOR REGISTER DESIGNATION SYMBOL TO PRINT ONLY FROM
DEPRESSION OF KEYS IN COLUMN "0" (PLATE IV-29)

PART NUMBERS (PLATE IV-29)

A	1010 0378	nut
B	1010 0220	clip
C	1017 0942	pin, included in D
D	1301 0608	shaft assembly, includes C
E	1300 6788	screw
F	1010 8967	screw, included in G
G	1015 4920	collar, includes F
H	1029 2407	spring
I	1017 2559	nut
J	1301 2877	link
K	1329 5233	bail, after serial F75970P
	1301 2851	bail, before serial F75971P
L	1342 9998	pivot screw



INDEX STRIP LOCK BAIL (PLATE IV-30)



PART NUMBERS (PLATE IV-30)

A	1334 9659	bail, after serial F41866P for all styles except machines with register selection carriage controlled to prevent selection and/or indication of a higher number register from keyboard column "0"	J	1334 9949	limit for automatic fee indexing mechanism, 1¢ thru 99¢ as specified, with repeat of bar 4, and non-skip from bar 1 and 4, carriage controlled
	1334 9733	bail for machines with above feature, includes 1334 9915 limit. Use 1334 9659 bail, 1334 9907 limit, 1025 6162 screw, 1010 0378 nut for all other styles except F212 before serial F41867P. Use 1334 9659 bail, 1324 9669 lever for style F212 before serial F41867P	K	1334 9931	limit, register designation in column 11A and register designation to print only from keys in column "0"
B	1010 0378	nut	L	1334 9923	limit for machines without extended total
C	1256 7442	lockwasher	M	1334 9915	limit, use with rack bar having square stud
D	1342 7372	shoulder collar	N	1334 9907	limit, use with rack bar having round stud
E	1343 0038	pivot screw	O	1010 0485	nut for machines with multiple counter dials
F	1324 9669	lever, after serial F41866P. Use 1324 9669 lever, 1334 9659 bail before serial F41867P.		1010 0378	nut for all styles except machines with multiple counter dials
G	1335 0350	slide	P	1010 9619	screw for all limits except M on machines having multiple counter dials. Use
H	1300 1409	spring anchor			
I	1014 6298	spring			

PART NUMBERS CONTINUED ON NEXT PAGE

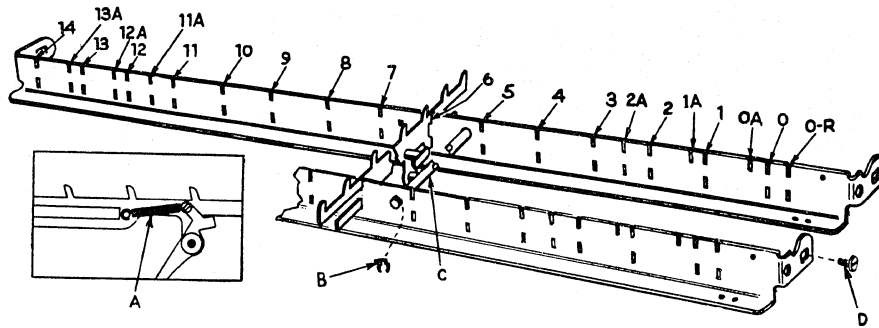
Keyboard

PART NUMBERS (PLATE IV-30) CONTINUED

	1028 9122 screw, 1010 9403 washer for M	T	1344 6570 eccentric screw	] - included in V
	on machines having multiple counter dials	U	1010 0386 nut	
Q	1326 2811 brace	V	1324 9891 toggle, after serial F22019P. Use 1324 9909	
R	1028 9049 collar		toggle, 1304 1249 post before serial F22020P	
S	1010 6110 screw for all styles except as listed below	W	1027 6905 spring	
	1343 0038 screw for styles F123, F212, F213, F223,	X	1027 7754 spring	
	F423, F5212, F5213, F6212, F6221, F6223,	Y	1257 3358 screw	
	F6423			
	1340 3282 screw for machines with automatic fee in-			
	dexing mechanism			

Keyboard

INDEX STRIP AND GUIDE COMBS (PLATE IV-31)



Guide Comb Positions

NOTE: Guide comb positions are numbered in relation to the keyboard columns. The guide comb positions, without the A, are in direct alignment with the keyboard column; i.e., comb position "11" is the same as keyboard column "11", etc. The "A" positions on the comb are to the left of the keyboard column and O-R is to the right of keyboard column "0"

To order index strips, refer to illustration for guide comb position and then refer to chart for symbol and to the parts list for part numbers; e.g., an index strip in guide comb position 13 for a Style F6301 is letter O, the part number for letter O is 1335 0814.

INDEX STRIP CHART

GUIDE COMB POSITIONS																
MACHINE STYLES	14	13A	13	12A	12	11A	11	10	3-9	2A	2	1A	1	O-A	O	O-R
F25, F50, F55, F103, F104, F201, F203, F204, F250, F401, F402, F403, F1050, F1103, F1201, F1203, F1250, F1401, F1403, F5103, F5201, F5203, F5204, F5401, F5403, F6050, F6103, F6104, F6201, F6203, F6204, F6250, F6401, F6403	M	P	O		K	V	AN	E	E		E	AP	E	AO	AE	
F51, F102, F106, F202	M	P	O	AK	O	V	E	E	E		E		E			
F101, F105, F107, F205, F210, F211, F306, F506, F1101, F1211, F1306, F1506, F5101, F5211, F6101, F6211, F6306, F6506	M	P	O	K	K	V	E	E	E		E		E		N	
F121, F221, F421, F6221	T	S		U	T		T	R	E		E		E		M	
F123, F223, F423, F6223, F6423	E	S		I	H		H	E	E		E		E		N	
F206	M	P	O	K			E	E	E		F		F		N	
F212, F5212, F6212	AF	AH		AI	H		G	E	E		E		AO		N	
F213, F5213, F6213	T	S		U	T		T	E	E		E		E		N	
F214, F6214	M	P	O	W	O	V	M	E	E		E		E		P	
F301, F302, F501, F502, F1301, F1302, F1501, F1502, F5301, F5501, F6301, F6501	M	P	O		L	AG	E	E	E		E		E		AJ	X
F303, F307, F503, F507, F1303, F1307, F1503, F1507, F5303, F5503, F6303, F6307, F6503, F6507	M	P	O		K	AG	M		E		E	AP	E		AJ	X
F305, F505, F6305, F6505	M	P	O		L	Y	AL	Z	E		E		E		Q	
F404, F1404, F6404	M	P	O		K		E		E	P	H		E		N	
F511, F512, F513, F5510, F6510		S		J	AA	AM	AA	AA	AA		AA		AC		AB	

Note: Use 1335 0863 for automatic count on any style and in any column (3 thru 11) except in column 5 on styles F302, F502. Use 1335 0871 for automatic count in column 5 on styles F302, F502

PART NUMBERS ON NEXT PAGE

Keyboard

PART NUMBERS (PLATE IV-31)

A	1307 2988	spring for index strips with nylon fingers	AF	1335 1010	
	1026 9769	spring for index strips with metal fingers	AG	1335 1036	for styles F301, F303, F501, F503, F5301, F5303, F5501, F6301, F6303, F6501, F6503 after serial F20837P
B	1010 0220	clip			
C	1303 4293	shaft			
D	1304 0779	screw, use 1010 0378 nut		1305 0067	for styles F301, F303, F501, F503 before serial F20838P
	1303 1760	screw, for left rear position of front guide comb, style F212 only		1335 0988	for register selection carriage controlled, to prevent selection and/or indication of a higher numbered register from keyboard column "0"
E	1335 0780				
	1335 0863	column 3 of styles F302, F502, use 1335 0939 and 1335 0947 to replace double (welded) index strip	AH	1305 0091	after serial F27000P. Use 1305 0091, 1301 3446 keystem, in key positions 1 thru 9 of column 13, before serial F27001P
F	1335 0863		AI	1335 0996	after serial F27000P. Use 1335 0996, 1301 3446 keystem, in key positions 1 thru 9 of column 12, before serial F27001P
G	1335 0889				
H	1335 0897				
I	1335 0996				
J	1335 1002		AJ	1305 0034	
K	1335 0806			1305 0208	with register selection carriage controlled to prevent selection and/or indication of a higher numbered register from keyboard column "0"
L	1335 0905				
M	1335 0913		AK	1305 0141	after serial F20837P. Use 1305 0042, 1305 2527 type bar before serial F15155P
N	1335 0921		AL	1305 0224	
	1335 1028	use in column "0" style F506		1305 0083	with register selection from keys in column 10, omitted
O	1335 0814		AM	1305 0240	
P	1335 0830		AN	1305 0075	for machines with 10 pitch construction in column 11
Q	1305 0042	after serial F20837P. Use 1305 0042 1303 9672 arm, 1028 8736 washer, 1017 1973 spacer before serial F20838P		1335 0905	for machines with 12 pitch construction in column 11
R	1305 0083		AO	1335 0780	after serial F76098P. Use 1335 0780, 1324 9925 bail before serial F76099P
S	1305 0091		AP	1335 0947	use 1335 0947, 1335 0939 to replace double (welded) index strip
T	1305 0109				
U	1305 0117				
V	1335 1036				
W	1305 0141				
X	1305 0182				
Y	1305 0232				
	1305 0067	with register selection keys in column 10, omitted			
Z	1305 0265				
	1305 0083	with register selection keys in column 10, omitted			
AA	1305 0281				
AB	1305 0307				
AC	1305 0315				
AD	1343 4154				
AE	1343 4170				

*Use 1335 0863 for automatic count on any style and in any column (3 thru 11) except in column 5 on styles F302, F502. Use 1335 0871 for automatic count in column 5 on styles F302, F502

BASIC SERIES F

ACCOUNTING MACHINES

Includes

F25—F500,F700,F1000,F5000,F6000

SECTION

V

Burroughs

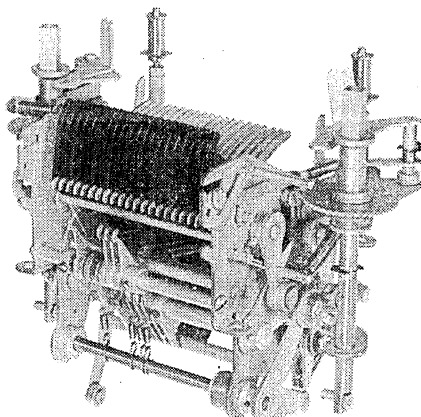
FIELD ENGINEERING

PARTS CATALOG

PRINTING

Printing

COMPLETE ASSEMBLED PRINTING SECTIONS (PLATE V-1)



PART NUMBERS (PLATE V-1)

The standard carriage controlled cipher split arrangement is shown with part number of section for your convenience. Do not use in ordering. If necessary standard sections can be modified locally for emergency needs.

For styles with special features not listed, order by machine style, serial number, factory order number and describe special features.

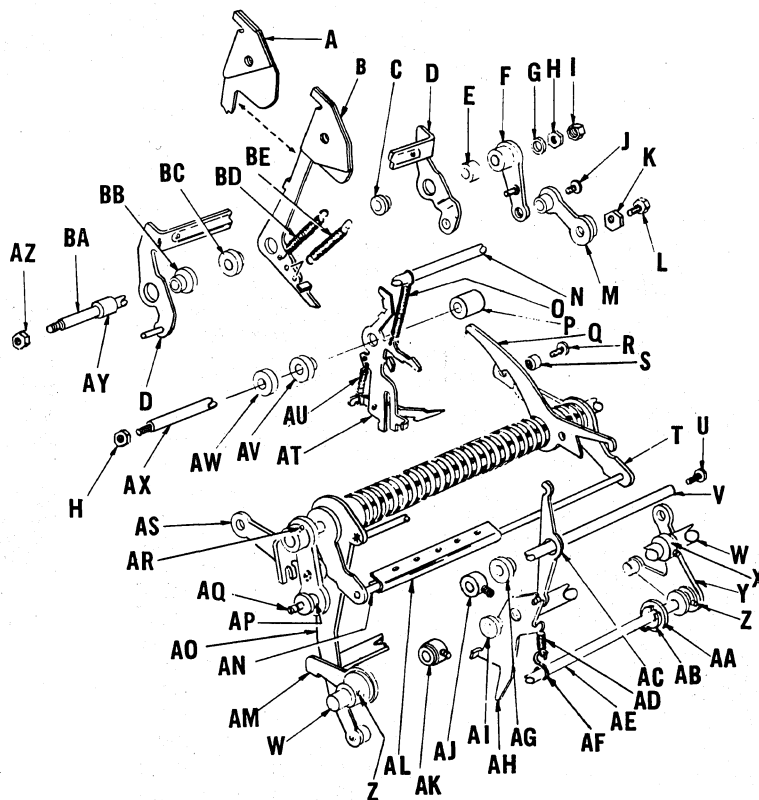
MACHINE STYLE	CIPHER SPLIT	PART NUMBER	MACHINE STYLE	CHIPHER SPLIT	PART NUMBER
F25	none	1307 0826	✓ F6460, F6560	2/3, 5/6, 8/9	1209 0916
F50, F55, F250			F306, F506 with		
F6050, F6250	none	1307 0610	characters in		
F51, F210, F6262,			column "0"	6/7, 7/8, 8/9, 12/13	1307 0784
F6282, F6284	none	1307 0636	F401, F6401	2/3, 6/7, 8/9, 12/13	1508 9030
✓ F3761, F6765	none	1205 7444	F402	6/7, 9/10, 12/13	1307 0537
F101, F201, F6101,			F403, F6403	2/3, 6/7, 11/12, 12/13	1508 9147
F6201, F6281, F6291	2/3, 5/6, 6/7, 8/9	1307 0396	F404, F6404	6/7, 7/8, 8/9, 12/13	1505 5460
F102, F202, F206,			F421	2/3, 5/6, 6/7, 10/11	1307 0701
F211, F6211	2/3, 3/4, 5/6, 7/8	1307 0404	F423, F6423	2/3, 8/9, 9/10, 11/12	1307 0727
F103, F203, F6103,			F511	2/3, 6/7, 7/8, 8/9	1307 0750
F6203, F6263,			F512, F6510	4/5, 7/8, 8/9, 9/10	1307 0735
F6293	2/3, 5/6, 6/7, 8/9	1307 0446	F513	2/3, 5/6, 6/7	1307 0768
✓ F3050, F3250, F3275			F707, F6707	2/3, 6/7, 11/12, 12/13	1508 9055
(1/10 type ctrs.)	2/3, 5/6, 6/7, 8/9	1201 6242	F760, F6760	Max. 4 splits	1344 4831
F104, F204, F6104,			F6706	2/3, 6/7, 8/9, 12/13	1508 9048
F6204, F6209	2/3, 3/4, 5/6, 7/8	1307 0461	F6761	Max. 4 splits	1307 0875
F105, F205	2/3, 5/6	1307 0479	✓ F6764	none	1205 7527
F106	none	1307 0487	F1050, F1250	none	1332 5576
F121, F221, F6221	2/3, 5/6, 6/7, 10/11	1307 0693	F1101, F1201	2/3, 5/6, 6/7, 8/9	1332 5493
F123, F223, F6223	2/3, 8/9, 9/10, 11/12	1307 0719	F1103, F1203	2/3, 5/6, 6/7, 8/9	1332 5519
F191	none	1307 0669	F1211	2/3, 3/4, 5/6, 7/8	1332 5568
F207	2/3, 3/4, 5/6	1307 0644	F1301, F1302, F1306,		
F212, F6212	2/3, 3/4, 7/8	1307 0602	F1501, F1502, F1506		
F213, F6213	2/3, 3/4, 7/8	1307 0685	F1551	2/3, 6/7, 8/9, 12/13	1508 8834
F214, F6214	2/3, 3/4, 5/6, 7/8	1307 0594	F1303, F1307, F1503,		
✓ F6260	2/3, 3/4, 5/6, 7/8	1209 0916	F1507, F1553	2/3, 6/7, 11/12, 12/13	1508 8842
F301, F302, F306,			F1306, F1506 with		
F506, F6301,			characters in		
F6306, F6501,			column "0"	6/7, 7/8, 8/9, 12/13	1332 5477
F6506	2/3, 6/7, 8/9, 12/13	1508 9014	F1401	2/3, 6/7, 8/9, 12/13	1508 8859
F303, F307, F503,			F1403	2/3, 6/7, 11/12, 12/13	1508 8867
F507, F6303,			F1404	none	1505 5346
F6307, F6503,			F1423	2/3, 8/9, 9/10, 11/12	1502 2940
F6507	2/3, 6/7, 11/12, 12/13	1508 9022	F1458	2/3, 6/7, 8/9, 10/13	1502 5687
F305, F505, F6305,			F1706	2/3, 6/7, 8/9, 12/13	1508 8875
F6505	2/3, 5/6	1307 0586	F1707	2/3, 6/7, 11/12, 12/13	1508 8883

Printing

PART NUMBERS (PLATE V-1) CONTINUED

MACHINE STYLE	RIGHT HEAD PART NUMBER	CIPHER SPLIT	LEFT HEAD PART NUMBER	MACHINE STYLE	PART NUMBER
F5101, F5201	1332 5816	2/3, 5/6, 6/7, 8/9	1332 5824	F9050, F9250	1528 4011
F5103, F5203	1332 5634	2/3, 5/6, 6/7, 8/9	1332 5642	F9101, F9201	1528 3997
F5204	1332 6012	2/3, 3/4, 5/6, 7/8	1332 6020	F9103, F9203	1528 4003
F5211	1332 6079	2/3, 3/4, 5/6, 7/8	1332 5980	F9211	1528 5190
F5212	1332 5543	2/3, 3/4, 7/8	1332 5550	F9301, F9431, F9501	1528 3260
F5213	1332 6079	2/3, 3/4, 7/8	1332 6087	F9303, F9433, F9503	1528 3278
F5250	1332 6111	none	1332 6129	F9404	1528 4193
F5301, F5501	1508 8891	2/3, 6/7, 8/9, 12/15	1508 8909	F9706	1528 5109
F5303, F5503	1508 8917	2/3, 6/7, 11/13, 13/15	1508 8925	F9707	1528 5117
F5401	1508 8933	2/3, 6/7, 8/9, 12/15	1508 8941		
F5403	1508 8958	2/3, 6/7, 11/13, 13/15	1508 8966		
F5510	1332 6095	4/5, 7/8, 8/9, 9/10	1332 6103		
F5706	1508 8974	2/3, 6/7, 8/9, 12/15	1508 8982		
F5707	1508 8990	2/3, 6/7, 11/13, 13/15	1508 9006		

PRINTING SECTION - COMPONENT PARTS (PLATE V-2)



Printing

PART NUMBERS (PLATE V-2)

A	1332 6186	for 1/10" type centers	AI	1307 2525	spacer for 1/8" type centers	
	1332 6194	for 1/10" type centers in single column hammer block control positions	✓ AJ	1337 5910	for 1/10" type centers	
B	1307 1139	for 1/8" type centers	AK	1027 7101	set collar, includes 1010 9643 setscrew	
	1332 6178	for 1/8" type centers in single column hammer block control positions	AL	1017 5339	flanged collar, use 1255 7617 screw	
C	1307 2632	flanged spacer for right end of bail D		1307 1550	spring anchor for twenty column construction with 1/8" type centers	
D	1332 3985	bail for twenty column construction after serial F53994P, except series F1000. Use 1332 3985 bail, 1332 4603 blank, 1010 8504 rivet before serial F53995P		1307 1568	for twenty-two column construction with 1/8" type centers	
	1332 3993	for twenty-two column construction after serial F53994P. Use 1332 3993 bail, 1332 4603 blank, 1010 8504 rivet before serial F53995P	AM	1332 4264	for 1/10" type centers, except Dual Printers	
			AN	1332 4256	for Dual Printers	
				-- --	included in W	
	1332 4009	for series F1000	AO	1306 8861	shaft, for twenty column construction, included in AO	
E	1307 2673	collar		1306 8879	for twenty-two column construction	
F	1307 0891	arm		Hammer Block Latch Shaft Assemblies:		
G	1307 0255	washer		For Twenty Column Construction With 1/8" Type Centers		
H	1010 0436	nut, use 1338 7758 lock nut if shaft has slotted end		1306 8812	after serial F69398P except F1000, includes R, S, T, AN, AP, AQ, AR, AS	
I	1010 0410	nut		1306 8770	before serial F69399P and after serial F53994P. Use 1306 8770, 1332 3985 before serial F53995P and after serial F10176P. Use 1306 8770, 1332 3985, 1307 1915, 1640 3313, 1303 8567, 1028 8629, 1015 4938, 1014 7627 before serial F10177P; plus 1303 8534, 1343 0731 before serial F7986P; use 1328 5317, 1337 8690 in place of 1640 3313 for F300 and F500	
J	1010 8991	screw		1332 3027	for F1000 except style F1423	
K	1307 2541	eccentric		1510 4045	for style F1423	
L	1307 2723	screw		For Twenty Column Construction With 1/10" Type Centers		
M	1307 0206	arm		1306 8853	for styles F104, F204, F214, F6104, F6204, F6214 with 1/10" type centers, accumulation columns only	
N	1306 9653	shaft, for twenty column construction.		1332 3043	for Dual Printers	
	1306 9661	shaft for twenty-two column construction		For Twenty-two Column Construction		
O	1340 9537	long strong spring for 1/10" type centers		1306 8838	after serial F69426P	
	1307 2988	for 1/8" type centers		1306 8796	before serial F69427P and after serial F54355P, use 1306 8796, 1332 3993 before serial F54356P	
	1035 1518	used in columns 2 thru S4 only	AP	1307 2657	roller, used before serial F10177P, included in AO	
	1340 9743	short spring for 1/10" type centers	AQ	1342 9790	threaded spring anchor stud, after serial F10176P, included in AO. Use 1306 8770, 1332 3985, 1307 1915, 1640 3313, 1303 8567, 1027 6574, 1015 4938, 1014 7627 before serial F10177P; plus 1303 8534, 1343 0731 before serial F7986P; use 1328 5325, 1337 8690 in place of 1640 3313 for F300 and F500	
	1028 8397	for 1/8" type centers		AR	1029 3603	pin, left end (.096)
P	1307 2699	spacer for right end of hammer latch assembly			1029 3611	left end (.099)
Q	1307 1907	latch after serial F69398P			1026 7185	pin, right end (.096)
	1307 1899	before serial F69399P			1026 7193	right end (.099)
R	1307 2715	screw, included in AO, use 1307 2251 washer and 1010 0469 nut		AS	1332 4603	link, use 1028 8439 rivet, included in AO
S	1013 1373	roller, included in AO		AT	-- --	Refer to Hammer Latches
T	-- --	included in AO		AU	1027 6848	spring, all series except F5000
U	1010 8991	screw			1340 9735	for series F5000
V	1306 9695	shaft, twenty column construction		AV	1307 2665	flanged spacer for 1/8" type centers
	1306 9703	twenty-two column construction			1337 5894	spacer for 1/10" type centers except position 11 of styles having 1/10" type
W	1510 4029	shaft assembly, includes Z, AM for twenty column construction				
	1306 9687	for twenty-two column construction				
X	1017 5339	flanged set collar, use 1255 7617 setscrew				
Y	-- --	included in AE				
Z	1029 3389	pin, included in AE and W				
AA	1028 7704	washer				
AB	1010 0238	clip				
AC	1307 1162	lever, for 1/8" type centers				
	1307 1170	for 1/10" type centers				
AD	1307 3002	spring				
AE	1306 8267	shaft, after serial F21066P, includes Y, Z				
	1306 8242	before serial F21067P				
AF	1026 6351	spring anchor				
AG	1307 2434	flanged spacer for 1/8" type centers				
	1337 5902	spacer for 1/10" type centers				
AH	1307 1121	latch for 1/8" type centers				
	1332 4199	for 1/10" type centers				

included in AO

PART NUMBERS CONTINUED ON NEXT PAGE

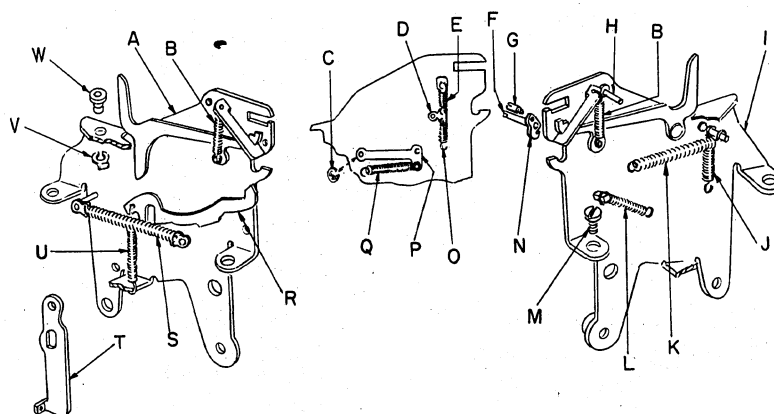
PART NUMBERS CONTINUED ON NEXT PAGE

Printing

PART NUMBERS (PLATE V-2) CONTINUED

		centers in columns 1 thru 10 only			having 1/10" type centers in columns 1 thru 10 only
1338	2510	spacer for position 11 of styles having 1/10" type centers in columns 1 thru 10 only		1337	5936 for position S1 styles F5301, F5501, F5403
1503	0471	hex. spacer for left end, position 18 of Dual Printers, also use 1307 2665 spacer (2 reg.)		1338	2528 for position 11 of styles having 1/10" type centers in columns 1 thru 10 only
1337	4509	spacer for positions S1, S2 or S3 of machines having single column hammer block control	BD	1337	5928 for 1/10" type center positions
			BE	1529	4499 spring, top hole all series
					Standard Hammer Springs
					NOTE: Use 1510 3872 spring anchor
AW	1307	2681 spacer for twenty column construction, except position S4 of single column hammerblock control positions		1340	9792 for 1/8" type centers
				1341	0055 for 1/10" type centers
1503	0463	hex. spacer for twenty-two column construction, also use 1337 4509 spacer		1340	9800 for 1/8" type centers
1337	4517	spacer for position S4 of single column hammerblock control positions		1341	0063 for 1/10" type centers
					for single number or character
AX	1306	8887 shaft			for 1/8" type centers
AY	1342	6895 collar for twenty-two column construction			for 1/10" type centers
AZ	1010	0436 nut, all series except F1000			for 1/8" type centers
	1010	0410 for F1000			for 1/10" type centers
BA	1306	8275 shaft, all series except F1000			for 1/8" type centers
	1332	2821 for F1000			for 1/10" type centers
BB	1307	2640 flanged spacer for twenty column construction, except Dual Printers			for 1/8" type centers
	1337	5886 for Dual Printers			for 1/10" type centers
BC	1307	2616 spacer for 1/8" type center positions except position S1 of styles F5301, F5501, F5403 and position 11 of styles			for 1/8" type centers
					for 1/10" type centers

PRINTING SECTION - SIDE FRAMES (PLATE V-3)



PART NUMBERS (PLATE V-3)

A	1307	0370	left side plate, all series with twenty column construction after serial F23641P, except F1000 and Dual Printers. Refer to Complete Assembled Printing Sections before serial F23642P	✓ G	1307	0115	for twenty-two column construction
					1054	3916	screw, hex head
					1343	0434	screw
				H	1307	2954	guide post, use 1010 0378 nut
				I	1307	0339	right side frame, all series after serial F23641P, except left head of Dual Printers. Refer to Complete Assembled Printing Sections before serial F23642P
	1307	0420	all series with twenty-two column construction and Dual Printers - left head				
	1307	0438	for Dual Printers - right head				
	1510	4011	for F1000		1307	0354	for Dual Printers - left head
B	1026	9470	spring	J	1014	7627	spring
C	1010	0154	clip	✓ K	1028	7696	spring
D	1026	5957	spring anchor		1503	1610	spring, type 1/8" centers replacing 1/10" centers accumulating columns only
E	1026	9298	spring		1510	6024	spring, series E2000, E4000, E6000, E8000
F	1307	0107	shaft for twenty column construction	✓ L	1027	7424	spring

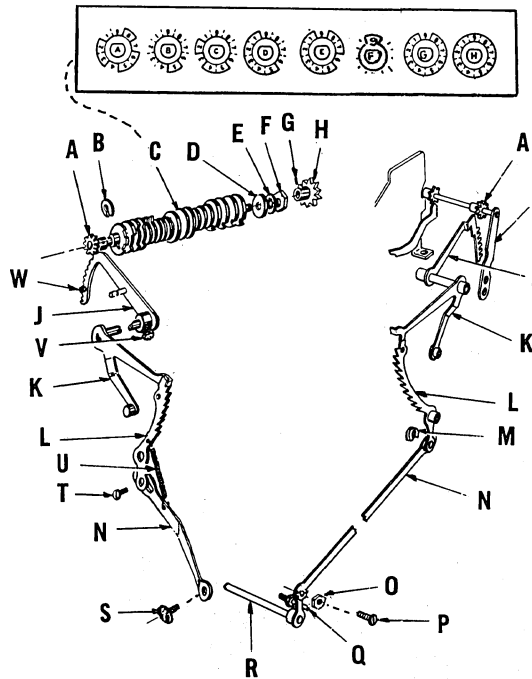
PART NUMBERS CONTINUED ON NEXT PAGE

Printing

PART NUMBERS (PLATE V-3) CONTINUED

M	1304 2767	screw, all series except left head of Dual Printers			1014 7627 before serial F10177P, plus
✓N	1503 1560	hanger, after serial F206544P, all series			1303 8534, 1343 0731 before serial F7986P,
	1332 4520	hanger, before serial F206545P			use 1328 5317, 1337 8690 in place of
O	1013 3148	spring			1640 3313 for F300, F500
P	1332 6715	link	S	1343 0707	spring
✓Q	1028 9023	spring	T	1332 7135	anchor for Dual Printer, use 1015 3963
	1510 6016	spring, series E2000, E4000, E6000, E8000	U	1027 6574	spring
R	1307 1915	detent after serial F10176P, Use 1306 8770, 1332 3985, 1342 9790, 1640 3313, 1303 8567, 1027 6574, 1015 4938,	V	1300 1417	clip
			W	1342 7125	guide

PRINTING CONTROL LINKAGE (PLATE V-4)



PART NUMBERS (PLATE V-4)

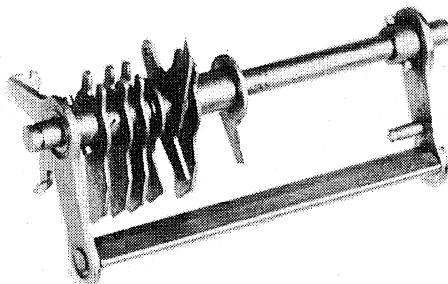
Complete Assembled Printing Control Cam Shafts. Order by unit number or furnish chart.		C	1307 1980	A	} disks .068" thickness
			1307 1998	B	
			1307 2004	C	
			1307 2012	D	
			1307 2020	E	
A	1332 3357	shaft, after serial F68763P for all styles having twenty-two column construction, except Dual Printers, includes G and H. Use 1332 3357, 1332 4520 (2), 1255 3152 before serial F68764P	1307 2202	A	} disks .050" thickness
	1332 3332	shaft for all styles having twenty column construction and right head of Dual Printers, includes G and H	1307 2210	B	
	1332 3969	shaft for left head of Dual Printers having support I, includes G and H. Use 1332 3969, 1332 7408 when replacing shaft not having support I	1307 2228	C	
			1307 2236	D	
			1307 2244	E	
	1332 3399	shaft for F1000, includes F, G and H	1509 0657	F	for Dual Printers .050" thickness
B	1255 3152	clip for all series except F1000	1307 1972	G	blank .062" thickness
	1010 0212	for F1000	1307 2137	H	blank .062" thickness
			1307 2194	H	blank .050" thickness
			D	1307 1964	space collar .062" thickness
				1337 1547	.050" thickness
				1337 6215	block spacer .212" thickness, for 1/10" type centers

PART NUMBERS CONTINUED ON NEXT PAGE

PART NUMBERS (PLATE V-4) CONTINUED

E	1010 4354	lockwasher for 22 column construction			with yielding joint symbol restoring arm
	1010 4545	for 20 column construction	M	1010 0220	clip
F	1010 0337	nut	N	1303 8567	link, all series except left head of Dual Printers
G	1306 8036	pin, included in A		1325 2424	for left head, series F5200, F5400
	1306 8044	replacement pin .053"		1325 2432	for left head, series F5100, F5300, F5500
	1306 8051	.056"	O	1010 8751	eccentric
H	-- --	included in A	P	1340 2896	eccentric screw for all styles except left head of Dual Printers, use 1010 0469 nut
I	1332 7408	brace	Q	1340 1773	eccentric limit post, use 1010 0485 nut
J	-- --	included in K	R	1324 4884	shaft assembly for series F5200, F5400
K	1306 9968	print control arm assembly, includes J, V for series F25 thru F500, F700, F6000 and machines with full hammerblock selected when ribbon is shifted to red, after serial F91649P	S	1324 4892	for series F5100, F5300, F5500
				1010 9650	screw for left head of Dual Printers, use 1010 0469 nut
	1306 9976	includes J, V and stud W	T	1340 1765	eccentric shoulder screw, use 1010 0469 nut
	1332 3274	includes J, V for F1000	U	1307 2970	spring for all styles except left head Dual Printers and machines with non-add, non-clear mechanism
	1332 3290	includes J, V for right head Dual Printers		1027 3209	for left head Dual Printers and machines with non-add, non-clear mechanism
	1332 3316	includes J, V for left head Dual Printers	V	1342 9972	screw, included in K, 1011 9972 .068" pin, use 1623 6499 reamer
L	1303 8534	limit for nine position printing control, and all styles having automatic fee indexing	W	-- --	included in K
	1325 2382	for left head of Dual Printers except style F5250			
	1325 2390	for style F5250			
	1325 2416	for nine and five position printing control			

COMPLETE ALIGNING BAR ASSEMBLIES (PLATE V-5)

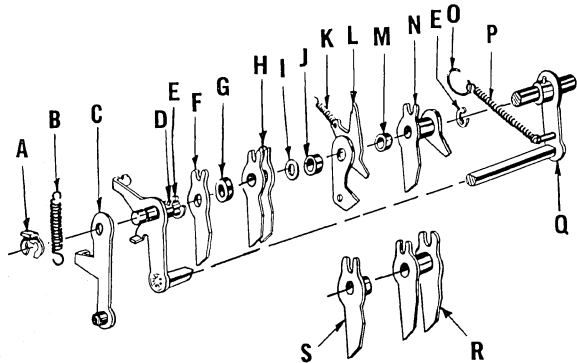


PART NUMBERS (PLATE V-5)

MACHINE STYLES	PART NO.	MACHINE STYLES	PART NO.
✓ F1050, F1101, F1103, F1201, F1203, F1250, F5101, F5103, F5201, F5203, F5204, F5213, F6050, F6059, F6101, F6103, F6104, F6201, F6203, F6204, F6209, F6214, F6250, F6260, F6263, F6281, F6291, F6293, F9050, F9250, F9101, F9201, F9103, F9203	1306 9745	F1301, F1302, F1303, F1306, F1307, F1501, F1502, F1503, F1506, F1507, F6301, F6303, F6305, F6306, F6307, F6501, F6503, F6505, F6506, F6507, also for F6401, F6403 with register selection from keyboard column "0"	1306 9836
✓ F1211, F1707, F5211, F5212, F5707, F6262, F6282, F6284, F6211, F6707, F6760, F6764, F6765, F9211, F9706, F9707 also F6101, F6203 with register selection from keyboard column "0"	1306 9752	F1401, F1403, F5401, F5403, F6401, F6403	1306 9760
		F6423	1306 9851
		✓ F6460, F6560	1209 1054
		F6510	1306 9794
		F1404, F6404	1306 9802
		✓ F9404	1504 0645
F6212, F6221, F6223	1306 9844	F5301, F5303, F5501, F5503, F9301, F9303,	
F6213	1306 9786	F9433, F9503, F9431, F9501	1306 9828

Printing

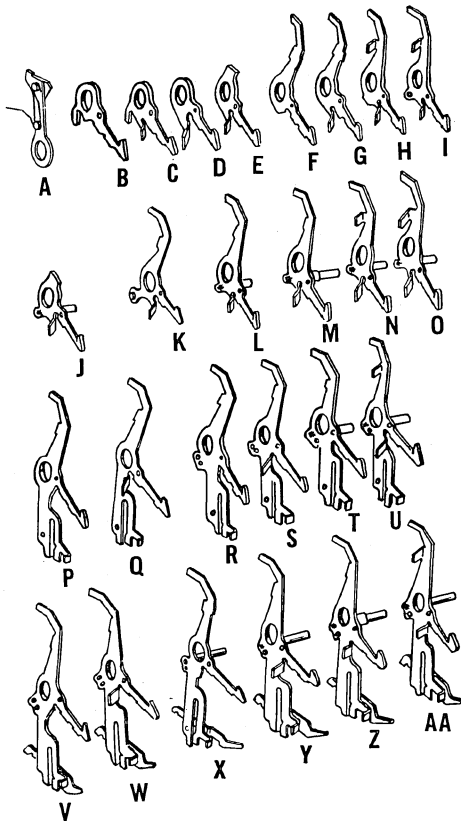
ALIGNING BAR ASSEMBLY COMPONENT PARTS (PLATE V-6)



PART NUMBERS (PLATE V-6)

A	1010 0238	clip
B	1307 2962	spring
C	1307 0271	link
D	1029 3389	replacement pin .076"
E	1300 1490	clip after serial F7518P
	1255 3152	before serial F7519P
F	1307 2293	link
G	1010 5526	collar .082"
H	1307 2269	link
I	1342 6606	washer
J	1337 1737	collar .055"
K	1012 0335	spring
L	1307 2301	arm
M	1342 6796	collar .090"
N	1307 2368	link
O	1300 1409	spring anchor
P	1307 2996	spring
Q	-- --	refer to Complete Aligning Bar Assemblies
R	1307 2277	link
S	1307 2285	link

HAMMER LATCHES (PLATE V-7)



PART NUMBERS (PLATE V-7)

NOTE: The description given is typical - these parts may be used in other applications

A	1332 7051	for printing position S4 of all styles having single column hammerblock control except
---	-----------	--

	1332 7036	style F5212, use 1341 0683 spring for printing positions S1, S2, S3 of all styles having single column hammerblock control and position S4 of style F5212
B	1307 1501	for printing position S1 of style F512
C	1307 1451	for printing position S1 for machines having 1/60 fractions
	1332 6541	for cipher split carriage controlled columns 1/2 or 2/3 - with or without closed account feature; or columns 1/2 and 2/3 with or without closed account feature or clear signal column 3, series F5000
D	1307 1386	for printing position S3
E	1307 1303	for printing S1, S2, S3, S4 for all styles except in position S1 of machines having 1/10" type centers
	1332 6293	for printing position S1 of machines having 1/10" type centers
F	1307 1311	for permanent split position
	1307 1493	offset for printing positions 14, 15, 16, 17 or 18
G	1307 1188	for columns where ciphers print to right of columns indexed
	1307 1295	offset for unit of days position
	1332 6251	for printing position 2 of styles F59, F109, F209, F1209
	1332 6319	for 1/10" type centers
H	1332 6327	
I	1332 6608	for printing position 1 of all styles except series F5000 with or without closed account feature columns 8 and 9
	1332 6582	for cipher split carriage controlled columns 1/2 or 2/3 with or without closed account feature or clear signal column 3 series F5000
	1332 6616	for series F5000 with closed account feature columns 8 and 9

PART NUMBERS CONTINUED ON NEXT PAGE

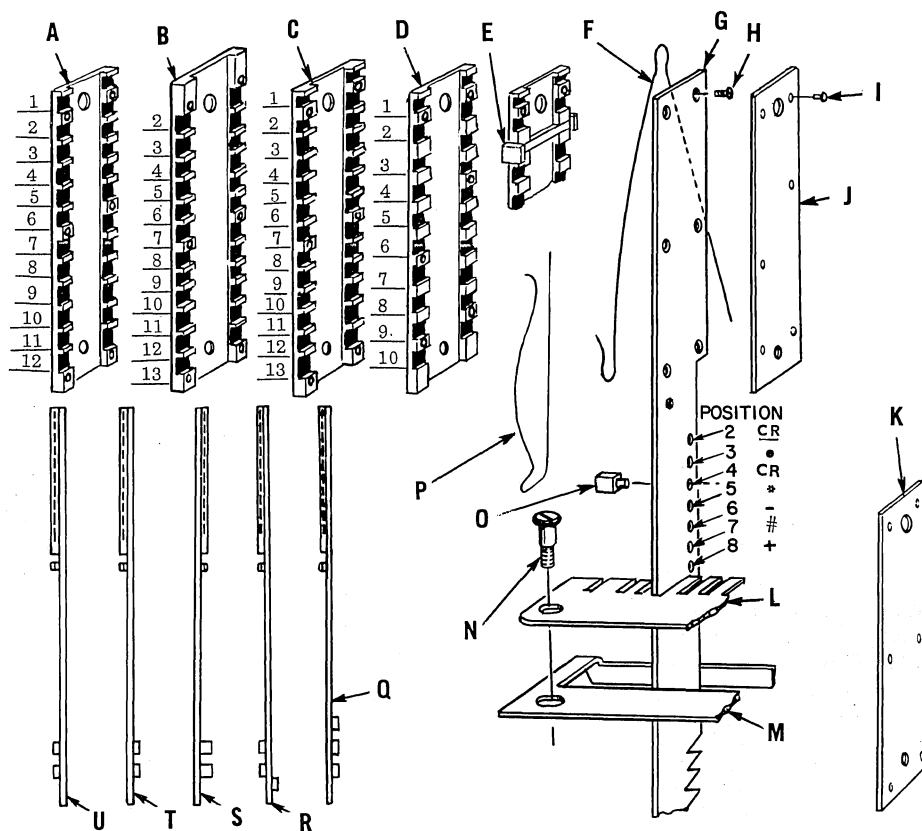
Printing

PART NUMBERS (PLATE V-7) CONTINUED

J	1307 1477	for printing position S1 of all styles having closed account feature omitted except series F5000			1332 6368	stud .500"
	1307 1485	for series F5000	U	1307 1436		
K	1307 1287	(12ths)	V	1332 6210	for 1/8" type centers	
L	1307 1246	(12ths) stud .500"		1332 6350	lower ear .036" for printing position 2 or 3 of machines having 1/10" type centers	
	1307 1238	(12ths) stud .106", for printing position 3 of styles F404, F1404, F6404, use 1332 6608 latch, 1332 4546 bail, 1341 0550 spring for printing position 2 of machines with 1/8" type centers and closed account feature left side. For styles without cipher split carriage control use in positions 2 and 3		1332 6574	for all series F5000, with clear signal column 3	
				1332 6392	lower ear .150", for printing position 13 of styles F5303, F5403, F5503	
				1508 2670	for position 15 of styles F5301, F5303, F5401, F5403, F5501, F5503 with year date not to print carriage controlled	
M	1307 1261	(12ths)	W	1307 1352	for printing position 3 thru 13 of machines having 1/8" type centers	
N	1307 1204	for 1/8" type centers		1307 1402	offset for printing positions 14 thru 16 of machines having 1/8" type centers	
	1307 1212	for printing position 3 of style F512		1332 6277	for 1/10" type centers	
	1332 6285	for 1/10" type centers		1332 6558	for cipher split carriage controlled	
O	1307 1337	for 1/8" type centers of machines having 3 cipher closed account feature			columns 1/2 or 2/3 with or without closed account feature or clear signal column 3 series F5000	
P	1332 6236	for printing position 2 of machines with clear signal column 3 and cipher split carriage controlled 2/3 or 2/3-3/4		X	1332 6228	for printing position 3 of machines with clear signal in column 3 and cipher split carriage controlled 2/3 - 3/4
Q	1307 1410			Y	1307 1360	for printing position 2 of machines with 1/8" type centers and cipher split carriage controlled with or without closed account feature
R	1332 6202	for 1/8" type centers			1332 6509	for cipher split carriage controlled
	1332 6301	for 1/10" type centers			columns 1/2 or 2/3 with or without closed account feature series F5000	
	1332 6566	for cipher split carriage controlled - columns 1/2 and 2/3 with or without closed account feature or clear signal column 3 series F5000		Z	1343 4808	
	1332 6376	for styles F5301, F5401, F5501	AA	1307 1444		
	1332 6384	for styles F5303, F5403, F5503, F5707		1332 6533	for cipher split carriage controlled columns 1/2 and/or 2/3 with or without closed account feature	
S	1307 1394	offset (trim tail) for printing positions 14 thru 16 for machines with 1/8" type centers and split cipher carriage controlled				
	1307 1345	lower ear .074"				
	1332 6277	lower ear .036"				
T	1307 1378	stud .625"				
	1332 6517	for cipher split carriage controlled				

Printing

TYPE MAGAZINES (PLATE V-8)



PART NUMBERS (PLATE V-8)

A	1306 5222	magazine, 12 slots, for .036" type shanks (1/8" type centers, screw construction) for bars marked E15, E17, E21, E58.			bars marked F7, F8, F20, F21, F22, F24, F25, F43, F44, F51, F52, -T20, -T21, -T22, -T23, -T24, -T25, -T26.
	1511 0430	magazine, 12 slots, for .027" type shanks (1/10" type centers, rivet construction) for bars marked E1, E2, E3, E4, E5, E6, E7, E8, E9, E10, E11, E12, E22.	E	-- --	dummy type
B	1306 5230	magazine, 12 slots, for .036" type shanks (1/8" type centers, screw construction) for bars marked 14, F23, F26, F39, F40, F46, F54, -T64.		1306 3029	full size, .036" shank
				1306 3037	shaved, .036" shank
C	1306 5214	magazine, 13 slots, for .036" type shanks (1/8" type centers, screw construction) for bars marked -7, -8, -9, -10, -11, -13, -17, -19, -20, -21, -22, -23, -24, -25, E18, E19, F5, F6, F18, F19, F27, F28, F29, F30, F31, F35, F45, F53, -T39, -T41, -T42, -T43, -T45, -T46, -T50, -T51, -T55, -T56, -T58, -T59, -T62, -T63, -T65, -T67, -T77.		1335 9039	full size, .027" shank
	1334 9840	magazine, 12 slots, for .027" type shanks (1/10" type centers, rivet construction, for bars marked E13, -T48, -T54.		1335 9047	shaved, .027" shank
D	1306 5206	magazine, 10 slots, for .036" type shanks (1/8" type centers, screw construction) for bars marked -1, -2, -3, -4, -5, -6, -26, -T93.	F	1306 8192	spring
	1334 9832	magazine, 10 slots, for .027" type shanks (1/10" type centers, rivet construction) for	G	-- --	for complete type bars and "bar only" refer to Pink Pages PLATE V-9
			H	1306 7905	screw
			I	1340 0882	rivet, length .108"
			J	1340 0999	rivet, length .128", use with shim J or K
			K	1335 0723	shim
			L	1335 0731	shim
				-- --	guide plates
				1305 3087	slots, 20
				1334 9824	slots, 21
				1305 3095	slots, 22
				1334 9790	slots, 20
				1334 9816	slots, 22, for
					for single column hammer block control
			M	1304 9945	guide, 20 column construction
				1304 9952	guide, 22 column construction

PART NUMBERS CONTINUED ON NEXT PAGE

Printing

PART NUMBERS (PLATE V-8) CONTINUED

N	1304 2767	screw	R	-- --	1FT111-40
O	1339 5629	stud, included in Q, R, S, T, U	S	-- --	1FT111-18
P	1341 0089	spring			1FT111-72 for Dual Printers
	-- --	TYPE BARS, single column hammer block control. (Order replacement part by symbolic description below and specify stud position(s).)	T	-- --	1FT111-19
					1FT111-73 for Dual Printers
			U	-- --	1FT111-16
					1FT111-71 for Dual Printers
Q	-- --	1FT111-61			

TYPE AND TYPE BARS (PLATE V-9)

NOTE: Bar Markings (such as 2-20, E5, F6, 2T22-5) are shown on all type bars to identify the type style, type format, bar offset and bar position in each machine style. This marking and the former symbolic type style is used as reference to 8-digit part numbers. Year, Month, Day and Amount Section Type for Series E and F machines are listed below:

CHARACTER and SYMBOL type part numbers are not listed herein but can be ordered by description as follows:

For an individual piece of type, use order card 2551. Write the complete Symbolic Type Style and the required character(s) or symbol in the "Burroughs Part Number" block, i.e., 406118 No. 28 (CD).

For a group of type for one machine style, use SPECIAL TYPE & KEYTOP CHART, Form 2836 (and Word Keys Chart, Form BUR 4007 where applicable). Show the standard symbolic part number (406118) and "per attached chart" on one 1440 for the quantity on the chart. (Also a separate 1440 for keytops if required.)

YEAR TYPE

(Refer Symbolic Type Style to PART NUMBER Chart below)

Machine Styles	Symbolic Type Style	Special Machine Styles	Symbolic Type Style
Standard Style of Series E1000, E3000, Series F, F1000	406118 No. 4	F207MA, F214, F214MA, F760, F6214, F6760, F6761	406118 No. 49 (Horizontal)
Feature construction	406118 No. 4 1/4 406118 No. 4 1/2	F121, F212, F213, F221, F421, F4212, F4213, F6212, F6213, F6221	406118 No. 54
Series E2100, E4000, E5000, Styles F4232, F4233, F4235, F5212, F5510.	FT118-130	F123, F223, F423, F511, F512, F513, F4223, F4224, F4716, F6223, F6423, F6510	406118 No. 61
B606 (F8214) - period year (.68)	F46	F4233 (type position 2)	FT118-139
(1/2) type shank shaved at lower edge	all other type	F1423, F4243, F4244, F4245, F4736.	FT118-158
(1/4) type shank shaved at upper edge	are full size.		

PART NUMBERS (PLATE V-9)

YEAR	406118 No. 4	406118 No. 4 1/4	406118 No. 4 1/2	406118 No. 49	406118 No. 54	406118 No. 61
'68	1344 8741	1503 7757	1503 7856	1344 9400	1344 8899	1344 8998
'69	1344 8758	1503 7765	1503 7864	1347 0828	1344 8907	1344 9004
'70	1344 8766	1503 7773	1503 7872	1503 2246	1344 8915	1344 9012
'71	1344 8774	1503 7781	1503 7880	1503 2253	1344 8923	1344 9020
'72	1344 8782	1503 7799	1503 7898	1503 2261	1344 8931	1344 9038
'73	1344 8790	1503 7807	1503 7906		1344 8949	1344 9046
'74	1344 8808	1503 7815	1503 7914		1344 8956	1344 9426
'75	1344 8816	1503 7823	1503 7922		1344 9418	1347 0836
'76	1344 8824	1503 7831	1503 7930		1344 9566	1503 2758
'77	1344 9392	1503 7708	1503 7724		1344 9574	
'78	1347 0877	1503 7716	1503 7732		1344 9582	

PART NUMBERS CONTINUED ON NEXT PAGE

Printing

PART NUMBERS (PLATE V-9) CONTINUED Page 1

	FT118-130	FT118-139	FT118-158		F 46
'68	1344 9053	1335 7033	1344 9152	.68	1503 7070
'69	1344 9061	1344 9129	1344 9160	.69	1503 7088
'70	1344 9079	1344 9137	1344 9178	.70	1503 7096
'71	1344 9087	1344 9145	1344 9186	.71	1503 7104
'72	1344 9095		1344 9194	.72	1503 7112
'73	1344 9103		1344 9202	.73	1503 7120
'74	1344 9111		1344 9459	.74	1503 7138
'75	1344 9434		1347 0869	.75	1503 7146
'76	1645 3664		1503 3228	.76	1503 7153
'77	1503 2998			.77	1503 7166

MONTHS (Formerly 406118 No. 5, No. 5 1/4, No. 5 1/2)

For Bar Marking 12-7, 2T42-1, 2T50-1

JAN	(1/4)	1305 5231
FEB		1305 4879
MAR		1305 4887
APR		1305 4895
MAY		1305 4903
JUN	(1/2)	1305 5256
JUL	(1/4)	1305 5249
AUG		1305 4911
SEP		1305 4929
OCT		1305 4937
NOV		1305 4945
DEC		1305 4952

TENS of DAYS (Formerly 406118 No. 10R, No. 10 1/4R, No. 10 1/2R)

For Bar Marking as listed.

	2-9 2T56-3	2-18, 2T41-1 12-18, 2T41-3	E18
1	1305 6262	1305 6262	(1/4) 1305 6296
2	(1/2) 1305 6312	1305 6270	1305 6270
3	(1/4) 1305 6304	1305 6288	1305 6288

UNITS of DAYS (Formerly 406118 No. 9L, No. 9 1/4L, No. 9 1/2L)

For Bar Marking as listed.

	2-8 2T62-1	52-17 2T51-1	522-7 F5	E19
0	(1/2) 1305 6205	1305 6064	1305 6064	(1/2) 1305 6205
1	1305 6072	1305 6072	(1/2) 1305 6163	(1/4) 1305 6163
2	1305 6080	1305 6080	1305 6080	1305 6080
3	(1/2) 1305 6213	(1/2) 1305 6213	1305 6098	1305 6098
4	(1/4) 1305 6171	1305 6106	1305 6106	1305 6106
5	1305 6114	1305 6114	1305 6114	1305 6114
6	1305 6122	1305 6122	(1/2) 1305 6221	(1/2) 1305 6221
7	1305 6130	1305 6130	(1/4) 1305 6189	(1/4) 1305 6189
8	1305 6148	1305 6148	1305 6148	1305 6148
9	1305 6155	1/4 1305 6197	1305 6155	1305 6155

PART NUMBERS CONTINUED ON NEXT PAGE

PART NUMBERS (PLATE V-9) CONTINUED Page 2

NUMERAL TYPE STYLE & COMPLETE BARS - For Amount
1/8" Type Centers Section

Bar	Complete Bar	Type Style
Marking		
2-1	1305 0679	406118 No. 2R
12-1	1305 0687	406118 No. 3R
22-1	1305 0695	406118 No. 1R
32-1	1305 0703	406118 No. 12
42-1	1305 0711	406118 No. 16
72-1	1305 0745	406118 No. 19R
92-1	1305 0752	406118 No. 11
152-1	1305 0810	406118 No. 19R
202-1	1305 0851	406118 No. 52R
212-1	1305 0869	406118 No. 51R
252-1	1305 0901	FT118-107
372-1	1305 0992	406118 No. 19R
2-2	1305 1032	406118 No. 11
12-2	1305 1040	406118 No. 16
42-2	1305 1073	406118 No. 53R
62-2	1305 1099	406118 No. 57R
72-2	1305 1107	406118 No. 60R
82-2	1305 1115	406118 No. 1R
92-2	1305 1123	406118 No. 63
2-3	1305 1214	406118 No. 2R
12-3	1305 1222	406118 No. 12
32-3	1305 1248	406118 No. 16
62-3	1305 1263	406118 No. 11
72-3	1305 1271	406118 No. 27
142-3	1305 1347	406118 No. 3R
2-4	1305 1396	406118 No. 2R
22-4	1305 1412	406118 No. 12
32-4	1305 1420	406118 No. 27
42-4	1305 1438	406118 No. 11
62-4	1305 1453	406118 No. 1R
2-5	1305 1479	406118 No. 1R
12-5	1305 1487	406118 No. 2R
42-5	1305 1511	406118 No. 12
2-6	1305 1545	406118 No. 2R
32-6	1305 1578	406118 No. 27
52-6	1305 1594	406118 No. 19R
62-6	1305 1602	406118 No. 1R
82-6	1305 1628	406118 No. 52R

NUMERAL TYPE STYLE & COMPLETE BARS - For Amount
1/10" Type Centers Section

Bar	Complete Bar	Type Style
Marking		
2T20-4	1335 2059	FT118 - 123
2T20-6	1335 2075	FT118 - 127
2T20-7	1335 2083	FT118 - 129
2T20-9	1335 2109	FT118 - 124
2T20-10	1335 2117	FT118 - 128
2T20-14	1335 2133	FT118 - 181
2T21-3	1335 2158	FT118 - 122
2T21-4	1335 2166	FT118 - 129
2T21-5	1335 2174	FT118 - 128
2T21-8	1335 2190	FT118 - 124
2T21-9	1335 2208	FT118 - 127
2T22-3	1335 2232	FT118 - 121
2T22-4	1335 2240	FT118 - 128
2T22-5	1335 2257	FT118 - 127
2T22-7	1335 2273	FT118 - 129
2T22-12	1335 2299	FT118 - 124
2T23-3	1335 2323	FT118 - 120
2T23-4	1335 2331	FT118 - 127
2T23-7	1335 2364	FT118 - 129
2T23-8	1335 2372	FT118 - 124
2T23-9	1335 2380	FT118 - 128
2T23-12	1335 2406	FT118 - 126
2T23-13	1335 2414	FT118 - 122
2T24-3	1335 2430	FT118 - 127
2T24-4	1335 2448	FT118 - 124
2T24-5	1335 2455	FT118 - 127
2T24-6	1335 2463	FT118 - 129
2T24-7	1335 2471	FT118 - 128
2T24-13	1335 2505	FT118 - 125
2T24-14	1335 2513	FT118 - 121
2T25-3	1335 2539	FT118 - 129
2T25-4	1335 2547	FT118 - 126
2T25-6	1335 2562	FT118 - 128
2T25-8	1335 2588	FT118 - 127
2T25-9	1335 2596	FT118 - 124
2T25-17	1335 2638	FT118 - 120
2T26-3	1335 2653	FT118 - 125
2T26-4	1335 2661	FT118 - 128
2T26-5	1335 2679	FT118 - 124
2T26-7	1335 2695	FT118 - 127
2T26-9	1335 2711	FT118 - 129
F7	1508 5780	FT118 - 123
F8	1508 5798	FT118 - 123
F22	1508 9584	FT118 - 123

NUMERAL TYPE PART NUMBERS (1/8" type centers)

Number	406118 No. 1R	406118 No. 2R	406118 No. 3R	406118 No. 11	406118 No. 12
0	1305 3111	1305 3228	1305 3335	1305 6320	1305 6429
1	1305 3129	1305 3236	1305 3343	1305 6338	1305 6437
2	1305 3137	1305 3244	1305 3350	1305 6346	1305 6445
3	1305 3145	1305 3251	1305 3368	1305 6353	1305 6452
4	1305 3152	1305 3269	1305 3376	1305 6361	1305 6460
5	1305 3160	1305 3277	1305 3384	1305 6379	1305 6478
6	1305 3178	1305 3285	1305 3392	1305 6387	1305 6486
7	1305 3186	1305 3293	1305 3400	1305 6395	1305 6494
8	1305 3194	1305 3301	1305 3418	1305 6403	1305 6502
9	1305 3202	1305 3319	1305 3426	1305 6411	1305 6510

PART NUMBERS CONTINUED ON NEXT PAGE

Printing

PART NUMBERS (PLATE V-9) CONTINUED Page 3

NUMERAL TYPE PART NUMBERS (1/8" type centers)

	406118 No. 16	406118 No. 17	406118 No. 19R	406118 No. 27	406118 No. 51R
Number					
0	1305 8300	1305 8409	1305 8607	1305 9118	1306 3649
1	1305 8318	1305 8417	1305 8615	1305 9126	1306 3656
2	1305 8334	1305 8425	1305 8623	1305 9134	1306 3664
3	1305 8834	1305 8433	1305 8631	1305 9142	1306 3672
4	1305 8342	1305 8441	1305 8649	1305 9159	1306 3680
5	1305 8359	1305 8458	1305 8656	1305 9167	1306 3698
6	1305 8367	1305 8466	1305 8664	1305 9175	1306 3706
7	1305 8375	1305 8474	1305 8672	1305 9183	1306 3714
8	1305 8383	1305 8482	1305 8680	1305 9191	1306 3722
9	1305 8391	1305 8490	1305 8698	1305 9209	1306 3730

	406118 No. 52R	406118 No. 53R	406118 No. 57R	406118 No. 60R	406118 No. 63
Number					
0	1306 3748	1306 3847	1306 4076	1306 4340	1306 4555
1	1306 3755	1306 3854	1306 4084	1306 4357	1306 4563
2	1306 3763	1306 3862	1306 4092	1306 4365	1306 4571
3	1306 3771	1306 3870	1306 4100	1306 4373	1306 4589
4	1306 3789	1306 3888	1306 4118	1306 4381	1306 4597
5	1306 3797	1306 3896	1306 4126	1306 4399	1306 4605
6	1306 3805	1306 3904	1306 4134	1306 4407	1306 4613
7	1306 3813	1306 3912	1306 4142	1306 4415	1306 4621
8	1306 3821	1306 3920	1306 4159	1306 4423	1306 4639
9	1306 3839	1306 3938	1306 4167	1306 4431	1306 4647

NUMERAL TYPE PART NUMBERS (1/10" type centers)

	FT118-120	FT118-121	FT118-122	F7, F8, F22 FT118-123	FT118-124
Number					
0	1335 5581	1335 5680	1335 5789	1335 5888	1335 5987
1	1335 5599	1335 5698	1335 5797	1335 5896	1335 5995
2	1335 5607	1335 5706	1335 5805	1335 5904	1335 6001
3	1335 5615	1335 5714	1335 5813	1335 5912	1335 6019
4	1335 5623	1335 5722	1335 5821	1335 5920	1335 6027
5	1335 5631	1335 5730	1335 5839	1335 5938	1335 6035
6	1335 5649	1335 5748	1335 5847	1335 5946	1335 6043
7	1335 5656	1335 5755	1335 5854	1335 5953	1335 6050
8	1335 5664	1335 5763	1335 5862	1335 5961	1335 6068
9	1335 5672	1335 5771	1335 5870	1335 5979	1335 6076

	FT118-125	FT118-126	FT118-127	FT118-128	FT118-129
0	1335 6084	1335 6183	1335 6282	1335 6381	1335 6480
1	1335 6092	1335 6191	1335 6290	1335 6399	1335 6498
2	1335 6100	1335 6209	1335 6308	1335 6407	1335 6506
3	1335 6118	1335 6217	1335 6316	1335 6415	1335 6514
4	1335 6126	1335 6225	1335 6324	1335 6423	1335 6522
5	1335 6134	1335 6233	1335 6332	1335 6431	1335 6530
6	1335 6142	1335 6241	1335 6340	1335 6449	1335 6548
7	1335 6159	1335 6258	1335 6357	1335 6456	1335 6555
8	1335 6167	1335 6266	1335 6365	1335 6464	1335 6563
9	1335 6175	1335 6274	1335 6373	1335 6472	1335 6571

PART NUMBERS CONTINUED ON NEXT PAGE

Printing

PART NUMBERS (PLATE V-9) CONTINUED Page 4

NUMERAL TYPE PART NUMBERS (1/10" type centers)

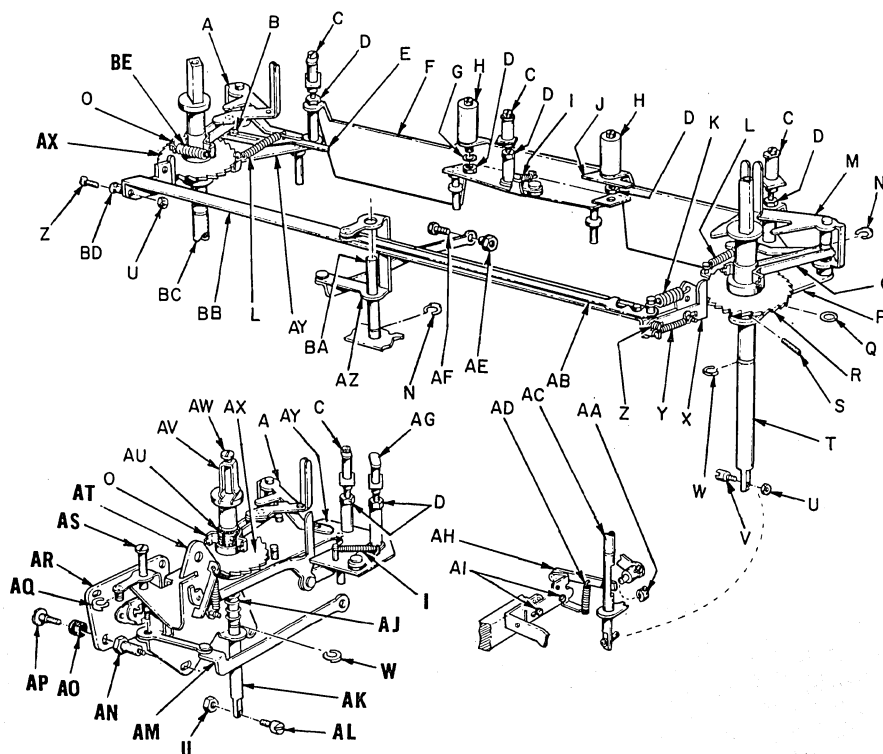
	FT11-8-107	FT118-181		FT118-107	FT118-181
Number			Number		
0	1335 4972	1335 9617	5	1335 5029	1335 9666
1	1335 4980	1335 9625	6	1335 5037	1335 9674
2	1335 4998	1335 9633	7	1335 5045	1335 9682
3	1335 5003	1335 9641	8	1335 5052	1335 9690
4	1335 5011	1335 9658	9	1335 5060	1335 9708

Bar Marking Complete Bar Type Style		E1 1511 0380 (FT118-125)	E2 1511 0448 (FT118-126)	E3 1511 0497 (FT118-124)	E4 1511 0547 (FT118-127)	E5 1511 0596 (FT118-128)	E6 1511 0653 (FT118-129)
Mag. Pos.	Num- ber						
1	\$	-- --	-- --	-- --	1511 0570	1511 0638	1511 0638
1	0	1315 6971	1315 7011	1315 6930	-- --	-- --	-- --
2	0	1511 0406	1511 0463	1511 0513	1511 0562	1511 0612	1511 0679
3	1	1335 6092	1335 6191	1335 5995	1335 6290	1335 6399	1335 6498
4	2	1335 6100	1335 6209	1335 6001	1335 6308	1335 6407	1335 6506
5	3	1335 6118	1335 6217	1335 6019	1335 6316	1335 6415	1335 6514
6	4	1511 0422	1511 0489	1511 0539	1511 0588	1511 0646	1511 0695
7	5	1511 0414	1511 0471	1511 0521	1315 7086	1511 0620	1511 0687
8	6	1335 6142	1335 6241	1335 6043	1335 6340	1335 6449	1335 6548
9	7	1335 6159	1335 6258	1335 6050	1335 6357	1335 6456	1335 6555
10	8	1335 6167	1335 6266	1335 6068	1335 6365	1335 6464	1335 6563
11	9	1335 6175	1335 6274	1335 6076	1335 6373	1335 6472	1335 6571
12	--						

Bar Marking Complete Bar Type Style		E7 1511 0703 (FT118-127)	E8 1511 0729 (FT118-128)	E9 1511 0737 (FT118-129)	E10 1511 0745 (FT118-127)	E11 1511 0752 (FT118-128)	E12 1511 0760 (FT118-129)
Mag. Pos.	Num- ber						
1	\$	1511 0570	1511 0638	1511 0638	1511 0570	1511 0638	1511 0638
1	0	-- --	-- --	-- --	-- --	-- --	-- --
2	0	1511 0562	1511 0612	1511 0679	1511 0562	1511 0612	1511 0679
3	1	1335 6290	1335 6399	1335 6498	1335 6290	1335 6399	1335 6498
4	2	1335 6308	1335 6407	1335 6506	1335 6308	1335 6407	1335 6506
5	3	1335 6316	1335 6415	1335 6514	1335 6316	1335 6415	1335 6514
6	4	1511 0588	1511 0646	1511 0695	1511 0588	1511 0646	1511 0695
7	5	1315 7086	1511 0620	1511 0687	1315 7086	1511 0620	1511 0687
8	6	1335 6340	1335 6449	1335 6548	1335 6340	1335 6449	1335 6548
9	7	1335 6357	1335 6456	1335 6555	1335 6357	1335 6456	1335 6555
10	8	1335 6365	1335 6464	1335 6563	1335 6365	1335 6464	1335 6563
11	9	1335 6373	1335 6472	1335 6571	1335 6373	1335 6472	1335 6571
12	--						

Printing

RIBBON FEED AND REVERSE MECHANISM (PLATE V-10)



✓ PART NUMBERS (PLATE V-10)

A	1504 2161	left reverse arm, ball printer		1332 4173	for series F 1000 with easy ribbon removal construction, use 1332 4173 assembly,
	1332 4348	left reverse arm, except ball printer			1341 0782 spring, 1340 4298 screw before
B	1256 0124	screw, use 1010 0477 nut			easy ribbon removal construction. See part
C	1332 4678	ribbon guide post			AC for machines having full hammer block
D	1010 0360	nut			selected when ribbon is shifted to red
E	1332 5337	type bar support			
F	1504 0280	plate, ball printer	U	1010 0469	nut, use 1010 0485 nut for screw AL
	1332 6772	plate, dual printer	V	1307 2772	screw
	1332 6749	plate, series F1000	W	1010 0089	clip
G	1256 7426	lockwasher	X	1307 1618	right slide, included in BB
H	1340 1781	ribbon guide	Y	1027 2821	spring
I	1027 2748	spring	Z	1048 6033	screw, included in BB
J	1332 7143	brace	AA	1504 0207	set collar after serial F198553P, use 1256 0835
K	1342 0039	spring, ball printer			setscrew
	1027 3233	spring, except ball printer		1337 9532	set collar before serial F198554P, use
L	1026 9348	spring			1256 0835 setscrew
M	1332 4322	right reverse arm	AB	1332 4462	reverse link, series F9000, F1000
N	1010 0238	clip		1332 4470	reverse link, Dual Printer
O	1307 2400	friction arm, use 1010 5120 washer		1307 1782	reverse link, series F25 thru F500, F700,
P	-- --	included in T			F6000
Q	1026 9330	spacer	AC	1307 0941	right ribbon lift post assembly, for all series
R	1307 2467	right ratchet for all series except F1000			after serial F176565P, having full hammer
	1332 4629	right ratchet for series F1000			block selected when ribbon is shifted to red,
S	1034 8852	pin, included in T, AK, BC			except F1000. Use 1307 0941 assembly,
T	1307 0941	right ribbon lift post assembly, includes P and			1525 3990 limit arm before serial F176566P
		S, for all series after serial F30744P except			and after serial F91649P
		series F1000 and machines having full hammer			
		block selected when the ribbon is shifted to red		1307 0974	right ribbon lift post assembly before serial
					F91650P and after serial F30744P
	1307 0933	right ribbon lift post assembly, before serial			
		F30745P			

PART NUMBERS CONTINUED ON NEXT PAGE

Printing

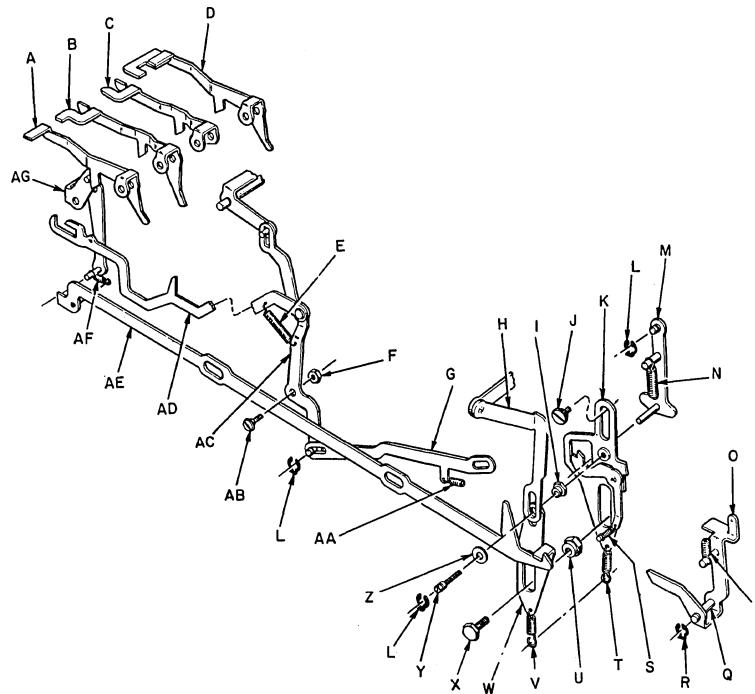
PART NUMBERS (PLATE V-10) CONTINUED

1307 0966	right ribbon lift post assembly before serial F30745P	AU 1332 7234	felt oiler
1332 4173	right ribbon lift post assembly for series F1000 after serial F176565P, use 1332 4173 assembly, 1525 3990 limit arm before serial F176566P	AV 1341 0782	retainer spring
AD 1026 9298	spring after serial F91649P	AW 1340 4298	screw
1013 9350	spring before serial F91650P	AX 1504 2120	left ratchet, ball printer, use 1026 9827 washer
AE 1017 1981	shoulder nut	1332 4637	left ratchet, series F1000 with easy ribbon removal construction, use 1332 4637, 1332 4165 ribbon lift post assembly, 1341 0782 spring, 1340 4298 screw, 1340 9636 spring before easy ribbon removable construction
AF 1017 3201	screw	AY -- --	included in AK, BC
AG 1332 4686	ribbon guide	AZ 1332 4413	drive arm for Dual Printer
AH 1525 3990	limit arm after serial F176565P. Use 1525 3990 limit arm, 1307 0941 assembly before serial F176566P and after serial F91649P	1307 1766	drive arm for series F25 thru F500, F700, F6000, use 1010 4248 screw if post BA is tapped
1304 0266	limit arm before serial F91650P	BA -- --	post, included in worm gear top plate assembly
AI 1304 2775	screw	BB 1504 2229	ribbon arm, ball printer
AJ 1340 9636	compression spring	1332 4306	ribbon arm, Dual Printer, includes U, X, Z, BD
AK 1504 1585	left ribbon post assembly, ball printer	1332 4280	ribbon arm, F1000
1332 4165	left ribbon post assembly, series F1000 with easy ribbon removable construction, includes S, AY. Use 1332 4165 assembly, 1341 0782 spring, 1340 4298 screw, 1332 4637 ratchet, 1340 9636 spring before easy ribbon removal construction	1307 1584	ribbon arm, series F25 thru F500, F700, F6000 having twenty column construction
AL 1341 8645	screw for lift post assembly	1307 1600	ribbon arm, series F25 thru F500, F700, F6000 having twenty-two column construction
AM 1504 2468	drive arm, ball printers, use 1301 9674 spring	BC 1307 1063	left ribbon lift post assembly for all series with twenty column construction except series F5000 after serial F30744P, includes S, AY
1332 4371	drive arm, series F1000	1307 1055	left ribbon lift post assembly before serial F30745P
AN 1504 2203	tapped shoulder screw, ball printer	1307 1105	left ribbon lift post assembly for series F5000 and all series with twenty-two column construction
1341 7183	tapped shoulder screw, except ball printer	BD 1307 1626	left slide, included in BB
AO 1341 9106	rubber grommet, included in AR	BE 1504 2120	left ratchet, ball printer
AP 1341 9098	screw	1307 2459	left ratchet, all series except F1000
AQ 1010 0220	clip	1332 4637	left ratchet, F1000
AR 1326 1037	plate, includes AO	BF 1026 9777	spring, use 1332 7234 felt oiler
AS 1504 2112	grooved stud, ball printer, use 1010 0360 nut		
1341 3133	shoulder screw, series F1000, use 1010 0360 nut		
AT 1504 1551	bracket, ball printer, use 1342 7125 shoulder bushing, 1300 1417 clip for left ribbon post assembly		
1510 4417	bracket, series F1000		

for machines with
full hammerblock
selected when ribbon
is shifted to red

Printing

RIBBON SHIFT REPEAT LINKAGE (PLATE V-11)

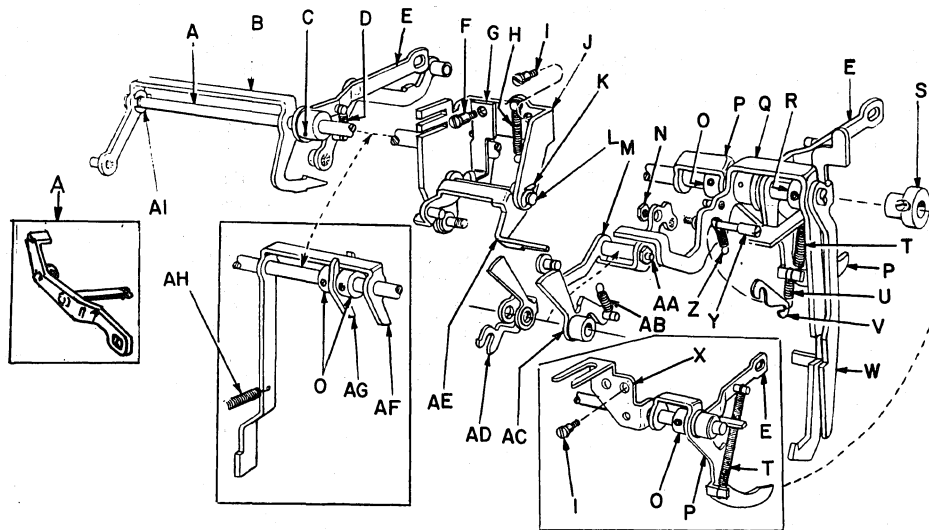


PART NUMBERS (PLATE V-11)

A	1303 8203	bellcrank for "A" and "B" subtract bars to operate machine and index red ribbon mechanism	H	-- --	disabled during crossfooter "A" plus total operation where the amounts exceed \$.99
	1325 2259	bellcrank for "A" subtract bar only, to operate machine and index red ribbon mechanism	I	1304 0415	Refer to Sensing Levers
	1303 8245	bellcrank for "A" and "B" subtract bars to index red ribbon mechanism, but not to operate machine	J	1035 2284	shoulder nut
	1303 8260	bellcrank for "A" and "B" subtract bars not to operate machine or index red ribbon mechanism	K	1303 5712	screw
B	1303 8252	bellcrank for "A" and "B" subtract bars to operate machine and index red ribbon mechanism	L	1303 5696	link after serial F28874P
	1325 2267	bellcrank for "A" and "B" subtract bars to index red ribbon mechanism, but not to operate machine	M	1010 0220	link before serial F28875P
C	1325 2275	bellcrank for "A" subtract bar only, to index red ribbon mechanism but not to operate machine	N	1303 9847	clip
D	1303 8229	bellcrank for "A", "B", "C" subtract bars to operate machine and index red ribbon mechanism	O	1013 9277	arm
	1303 8237	bellcrank for "A", "B", "C" subtract bars to index red ribbon mechanism, but not to operate machine	P	1303 6710	spring
E	1028 8637	spring	Q	1027 2805	bail
F	1010 0378	nut	R	1304 2809	spring
G	1303 8286	link	S	1304 2809	post, use 1010 0402 nut
	1303 8294	link for machines with carriage opening	T	1010 0238	clip
			U	1343 0723	spring
			V	1026 9769	spring
			W	1304 0423	double shoulder eccentric
			X	1013 9350	spring
			Y	1303 5746	detent
			Z	1010 8470	*screw
			AA	1304 2031	pilot screw
			AB	1303 6694	washer
			AC	1028 7787	spring
			AD	1010 9205	screw after serial F15005P
			AE	1019 7366	screw before serial F15006P
			AF	1303 8153	bellcrank after serial F15005P, includes AD
			AG	1303 8138	bellcrank before serial F15006P
				-- --	included in AC
				1303 9821	link
				1027 2912	spring
				1303 8195	bellcrank

Printing

RIBBON LIFT ASSEMBLIES AND DRIVE TRIP INTERLOCKS (PLATE V-12)



PART NUMBERS (PLATE V-12)

- | | | | |
|-----|-----------|---|--|
| ✓ A | 1504 9703 | ribbon lift assembly, styles F9000, F8111, F8126, (ball printer), except F9404 | Use 1306 9943, 1329 1133 post, 1329 0119 arm, 1329 1232 bellcrank, 1026 9900 spring, 1011 9915 set collar, 1304 2973 spring, 1026 6344 spring anchor, 1015 2239 spring, before F30741P |
| | 1504 2526 | ribbon lift assembly, style F9404 | |
| | 1510 1264 | ribbon lift assembly, series E2000, E4000 (box writer) | |
| | 1306 9927 | ribbon lift assembly, includes C, E, J, O, P, Q, W; before serial F144369P and after serial F30740P for series F25 thru F500, F700, F6000 except styles F402, F404, F6404 and styles with rotary dial indexed calendar feature. Use 1306 9927 lift assembly, 1329 1133 post, 1329 1141 arm, 1329 1232 bellcrank, 1026 9900 spring, 1011 9915 set collar, 1304 2973 spring, 1026 6344 spring anchor, 1015 2239 spring, before serial F30741P and after serial F1886P. Use above parts plus 1300 8420 shaft and 1010 0238 clip (2) before serial F1887P | 1332 3167 includes C, E, J, O, P, Q, R, S; for F1000 except F1404, F1423 |
| | 1502 0571 | ribbon lift assembly, includes C, E, J, O, P, Q, W, AF, AG for style F6404 after serial F144368P | 1332 3233 includes C, E, J, O, P, Q, R, S, AF, AG, for F1404 |
| | 1306 9935 | ribbon lift assembly includes C, E, J, O, P, Q, W, AF, AG for styles F402, F404 after serial F31898P. Also for style F6404 before serial F144369P. Use 1306 9935, 1329 1133 post, 1329 1141 arm, 1329 1232 bellcrank, 1026 9900 spring, 1011 9915 set collar, 1304 2973 spring, 1026 6344 spring anchor, 1015 2239 spring before serial F31898P | 1502 2338 includes C, E, J, Q, R, S; for F1423 |
| | 1502 0597 | ribbon lift assembly includes C, E, J, O, P, Q, W for series F6000 with rotary dial indexed calendar feature after serial F144368P | 1502 0605 includes C, E, J, Q, W, X; for F5000 after serial F144368P |
| | 1306 9943 | ribbon lift assembly, includes C, E, J, O, P, Q, W for following machines with rotary dial indexed calendar feature; series F25 thru F500 after serial F30740P; F6000 before serial F144369P | 1332 3266 includes C, E, J, O, P, Q, W, X; for F5000 after F135294P and before F144369P |
| | | | 1332 3217 includes C, E, J, O, P, Q, W, X; for F5000 before F135295P |
| | B | 1526 0326 bail for all styles except Dual Printers | |
| | | 1332 4488 for all Dual Printers | |
| | C | 1011 9972 replacement pin .068" | |
| | D | 1027 3415 spring | |
| | E | -- -- Ribbon shift assemblies all series, included under A | |
| | F | 1340 4702 long screw use with plate G, 1028 7993 short screw use without plate G | |
| | G | 1328 7552 guide plate | |
| | H | 1027 3191 spring | |
| | I | 1028 7993 screw | |
| | J | 1300 9576 support bracket after serial F1886P, included in A | |
| | | Use 1300 9576, 1300 8420 shaft and (2) 1010 0238 clips before serial F1887P | |
| | K | 1010 0238 clip for all series except F1000 | |
| | | Use 1255 3392 clip and 1015 1579 spacer for F1000 | |
| | L | 1300 8420 shaft | |
| | M | 1300 8891 bellcrank | |
| | N | 1010 0378 nut | |
| | O | 1342 7661 set collar, includes 1255 7617 first screw, included in A | |

PART NUMBERS CONTINUED ON NEXT PAGE

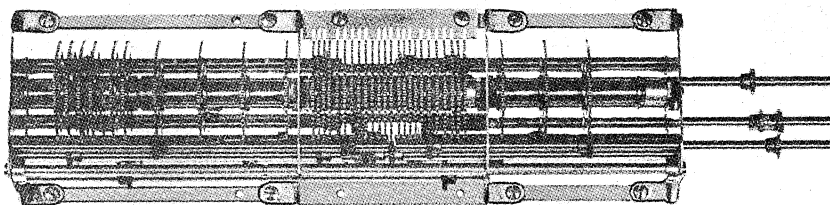
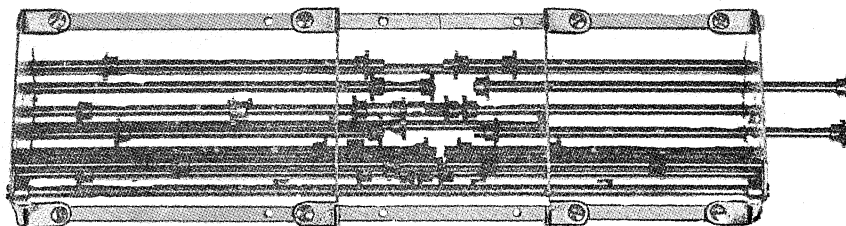
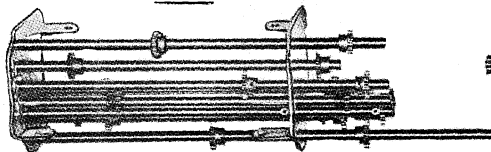
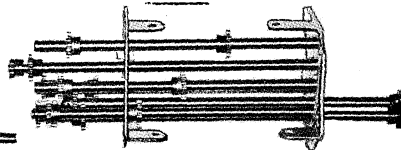
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PART NUMBERS (PLATE V-12) CONTINUED

P	1307 2384	arm, included in A				calendar feature
Q	1502 0555	bail, after F14438P, for F50, series F5000, and series F6000 except styles with rotary dial indexed calendar feature		1300 9600		latch, included in A; for all styles with rotary dial indexed calendar feature
	1502 0589	for series F6000 with rotary dial indexed calendar feature after F14438P		1300 9626		latch, included in A; for all series F5000 before F144369P; for F25 thru F500, F700, F6000 before F144369P except styles with rotary dial indexed calendar feature
	1300 9519	for F25 thru F500 and F6000 with rotary dial indexed calendar feature before F144369P	X	1332 7119		bracket, included in A
	1300 9501	for F25 thru F500, F700; for F50 and F6000 before F144369P, except machines with rotary dial indexed calendar feature	Y	1344 5150		screw, for F25 thru F500, F700 and F6000
	1328 5390	for series F5000 before F144369P		1332 7127		for all Dual Printers
	1328 5382	for series F1000 except style F1423	Z	1044 1921		spring
	1502 2346	for style F1423	AA	1301 0004		tapped post
R	1035 1617	collar, use 1010 9643 screw, included in A	AB	1026 9751		spring
S	1337 9375	collar, use 1010 3919 screw, included in A	AC	1328 5424		interlock after serial F100971P
T	028 9080	spring		1300 9584		before serial F100972P
U	1015 3963	spring	AD	1300 9592		interlock
V	1343 1291	anchor	AE	1300 9485		bellcrank, for machines with micro switch
W	1502 1439	latch included in A; for F50 and all styles F5000 after F144368P, for F6000 after F144368P except styles with rotary dial		1300 9469		for machines with Burroughs switch
			AF	1307 1642		bail, included in A
			AG	1307 1634		arm, included in A
			AH	1027 2045		spring, use 1026 6963 anchor
			AI	1300 1417		clip

Printing

COMPLETE CLUSTER GEAR UNITS & COMPONENTS (PLATE V - 13)

COMPLETE CLUSTER GEAR UNITLOWER CLUSTER GEAR UNITLEFTRIGHT

NOTE: WHEN REPLACING LOWER CLUSTER GEAR UNIT, RIGHT OR LEFT PINION SHAFT ASSEMBLY ON MACHINES BEFORE SERIAL F175627P ORDER COMPLETE CLUSTER GEAR UNIT

PART NUMBERS (PLATE V-13)

MACHINE STYLES	<u>COMPLETE</u>	<u>LOWER</u>	<u>LEFT</u>	<u>RIGHT</u>
F1050, F1101, F1103, F1201, F1203, F1250, F6050, F6101, F6103, F6104, F6201, F6203, F6204, F6250, F6281	1304 8251	1508 8370	1508 7869	1508 7737
F1211, F6211, F6262, F6282	1304 8335	1508 8438	1508 7869	1508 7786
F1301, F1303, F1458, F1501, F1503, F6301, F6303, F6501, F6503	1304 8293	1508 8404	1508 7877	1508 7752
F1401, F1403, F6401, F6403	1304 8285	1508 8396	1508 7869	1508 7760
F1404, F6404	1304 8434	1508 8495	1508 7869	1508 7836
F1423	1502 2734	1508 8792	1508 8354	1508 8131
F1706, F1707, F6706, F6707	1334 8776	1508 8750	1508 7877	1508 7745
F5101, F5201	1334 8636	1508 8677	1508 8255	1508 8016
F5103, F5203, F5204, F5250	1334 8644	1508 8628	1508 8206	1508 8016
F5211	1334 8651	1508 8727	1508 8305	1508 8123
F5212	1334 8578	1508 8586	1508 8172	1508 7984

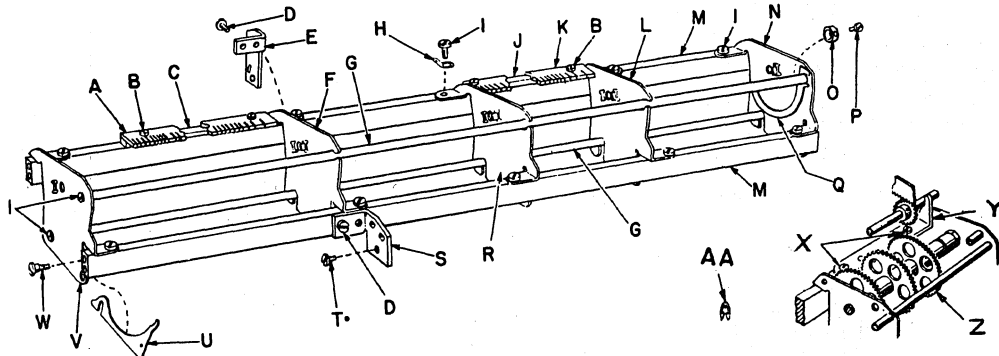
PART NUMBERS CONTINUED ON NEXT PAGE

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PART NUMBERS (PLATE V-13) CONTINUED

MACHINE STYLES	COMPLETE	LOWER	LEFT	RIGHT
F5213	1334 8602	1508 8602	1508 8180	1508 7992
F5301, F5501	1334 8669	1508 8651	1508 8230	1508 8024
F5303, F5503	1334 8677	1508 8636	1508 8214	1508 8024
F5401	1334 8685	1508 8719	1508 8297	1508 8040
F5403	1334 8693	1508 8669	1508 8248	1508 8040
F5510	1334 8750	1508 8743	1508 8321	1508 8099
F5706	1506 0866	1508 8800	1508 8230	1508 8149
F5707	1334 8768	1508 8768	1508 8347	1508 8107
F6212, F6221, F6223	1304 8327	1508 8420	1508 7893	1508 7786
F6213	1304 8376	1508 8453	1508 7919	1508 7794
F6214	1304 8368	1508 8446	1508 7901	1508 7778
✓ F6260	1205 4839	1205 5737	1205 5752	1205 5745
F6305, F6505	1304 8301	1508 8412	1508 7885	1508 7752
F6423	1304 8384	1508 8461	1508 7893	1508 7802
✓ F6460, F6560	1209 1286	1209 1336	1209 1351	1209 1344
F6510	1304 8392	1508 8479	1508 7927	1508 7810
F6760	1334 8818	1508 8511	1508 7935	1508 7844
F6761	1334 8784	1508 8529	1508 7943	1508 7844
✓ F6764	1205 7550	1205 5976	1205 5984	1205 5653
✓ F6765	1205 4821	1205 5703	1205 5687	1205 5653

COMPONENT PARTS OF CLUSTER GEAR UNIT (PLATE V-14)



PART NUMBERS (PLATE V-14)

A	1508 7208	guide for series F5000 except styles F5212, F5213, F5510 after serial F175626P	1304 9978	before serial F175627P	serial F175626P
	1334 9642	before serial F175627P	1508 7133	for styles F6212, F6213, F6221, F6223, F6423, F6510 after serial F175626P	
	1508 7166	for styles F5212, F5213, F5510 after serial F175626P	1304 9994	before serial F175627P	
	1334 9626	before serial F175627P	K	1508 7224	guide for series F1000, (except style F1423) F6000, (except styles F6212, F6213, F6221, F6223, F6423, F6510, F6760, F6761) after serial F175626P
B	1508 7091	eccentric screw after serial F175626P, use 1010 0386 nut	1304 9960	before serial F175627P	
	1340 2854	screw for series F1000, F6000 before serial F175627P	1508 7141	for styles F6212, F6213, F6221, F6223, F6423, F6510 after serial F175626P	
	1010 9627	screw for series F5000 before serial F175627P	1304 9986	before serial F175627P	
C	1508 7158	shim for series F5000 after serial F175626P	1508 7166	for style F1423	
	1304 9978	before serial F175627P	1508 7190	for styles F6760, F6761 after serial F175626P	
D	1010 4644	screw to unit	1334 9634	before serial F175627P	
	1300 6788	screw to left side frame	L	1508 7273	partition plate for series F1000, F6000, after serial F175626P
E	1326 4171	brace	1306 7160	before serial F175627P	
F	1508 7299	partition plate for series F5000 after serial F175626P	1508 7299	for series F5000 after serial F175626P	
	1306 7186	before serial F175627P	1306 7186	before serial F175627P	
G	1304 8236	tie rod for all series except F5000	M	1306 8200	front bar for series F1000, F6000
	1334 8503	for series F5000	1510 1843	rear bar for series F1000, F6000 after serial F175626P	
H	1026 6674	spring anchor			
I	1010 4644	screw			
J	1508 7158	shim for all series except styles F6212, F6213, F6221, F6223; F6423, F6510 after			

PART NUMBERS CONTINUED ON NEXT PAGE

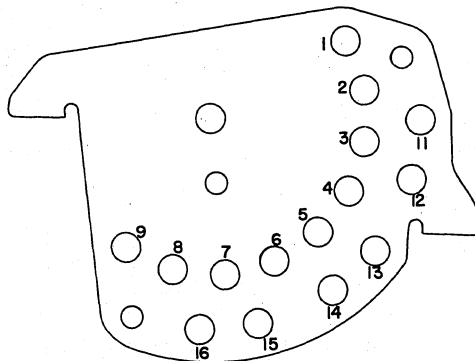
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PART NUMBERS (PLATE V-14) CONTINUED

	1306 8200	rear bar for series F6000 before serial F175627P			1508 7307	for series F5000 after serial F175626P
	1335 0129	rear bar for series F1000 before serial F175627P	S		1306 7194	before serial F175627P
	1306 8226	front bar for series F5000	T		1326 4189	brace
	1508 7216	rear bar for series F5000 after serial F175626P	U		1300 6788	screw
	1306 8218	rear bar for series F5000 before serial F175627P	V		1306 5800	retainer
N	1508 7232	right end plate for series F1000, F6000, after serial F175626P			1508 7240	left end plate for series F1000, F6000 after serial F175626P
	1306 6568	before serial F175627P	W		1344 3403	before serial F175627P
	1508 7257	for series F5000 after serial F175626P			1508 7265	for series F5000 after serial F175626P
	1336 0946	before serial F175627P			1336 0979	before serial F175627P
O	1027 7101	set collar, includes P	X		1304 1850	screw, double shoulder 3/4" long
P	1010 9643	screw	Y		1304 2171	single shoulder 1/2" long cad. plate
Q	1306 5784	retainer for series F1000, F6000	Z		1344 4633	single shoulder 9/16" long nickel plate
	1306 5792	for series F5000			1025 7343	screw
R	1508 7281	partition plate for series F1000, F6000 after serial F175626P	AA		1306 5776	brace
	1306 7178	before serial F175627P			-- --	Refer to CLUSTER GEAR ASSEMBLIES
					1255 3152	] Clips as req. for pinion shafts
					1010 0238	
					1255 3392	

PLATE V-15 (Reserved for future use)

PINION SHAFTS FOR LEFT PINION SHAFT SECTIONS (F1000 AND F6000) (PLATE V-16)



PART NUMBERS (PLATE V-16)

HOLE NO.	MACHINE STYLES	PART NUMBERS	HOLE NO.	MACHINE STYLES	PART NUMBERS
1	F1423	1502 2213		F6510	1304 6636
	F6212, F6213, F6221, F6223,			F6760, F6761	1304 6214
	F6423	1304 6099		all other styles	1304 6065
	F6510	1304 5547	4	F1423	1502 2189
	F6760, F6761	1304 8145		F6212, F6213, F6221, F6223,	
	all other styles	1304 6081		F6423	1304 6123
2	F1423	1304 8145		F6305, F6505	1304 6115
	F6212, F6213, F6221, F6223,			F6510	1304 5554
	F6423, F6510	1304 6198		F6760, F6761	1304 5612
	all other styles	1304 6180		all other styles	1304 6107
3	F1301, F1303, F1458, F1501,		5	F1423	1502 2163
	F1503, F1706, F1707, F6214,			F6212, F6213, F6221, F6223	1304 6461
	F6301, F6303, F6501, F6503,			F6510	1304 6651
	F6706, F6707	1304 6289	✓	F6460, F6560	1209 1252
	F1423	1502 2122		F6760, F6761	1304 6206
	F6212, F6213, F6221, F6223,			all other styles	1304 6040
	F6423	1304 6487		F1423	1304 5612
	F6305, F6505	1304 6263		F6212, F6213, F6221, F6223,	

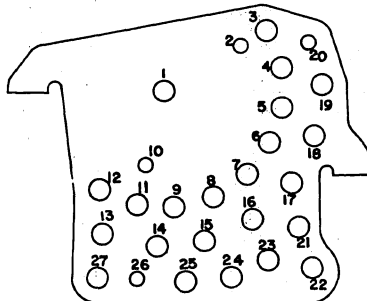
PART NUMBERS CONTINUED ON NEXT PAGE

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PART NUMBERS (PLATE V-16) CONTINUED

HOLE NO.	MACHINE STYLES	PART NUMBERS	HOLE NO.	MACHINE STYLES	PART NUMBERS
7	F6423, F6510	1304 5612	12	F6761	1304 5604
	F6212, F6213, F6221, F6223,			all other styles	1304 6222
	F6423, F6510	1304 6214		F1423	1502 2205
	F6760, F6761	1304 6164		F6212, F6213, F6221, F6223,	
	all other styles	1304 6206		F6423	1304 6438
	F1423	1502 2221		F6214	1304 5695
	F6212, F6213, F6221, F6223,			F6305, F6505	1304 5976
8	F6423	1304 6552	13	✓ F6460, F6560	1209 1260
	F6510	1304 6586		F6510	1304 6008
	F6760	1304 8160		all other styles	1304 5687
	F6761	1304 8137		F1423	1502 2148
	all other styles	1304 6545		✓ F6460, F6560	1209 1278
	F1423	1502 2262		F6510	1304 6016
	F6510	1304 5711	14	F6212, F6221, F6223, F6423	1304 6420
9	F6760	1304 6081		F6510	1304 6594
	F6761	1304 6222	15	F6761	1304 8202
	all other styles	1304 5968		✓ F9404	1504 0595
	F1423	1502 2254	16	all other styles	1304 8186
	F6212, F6213, F6221, F6223,			F1423	1502 2197
	F6423, F6510	1304 6230			

PINION SHAFTS FOR LEFT PINION SHAFT SECTIONS (F5000) (PLATE V-17)



PART NUMBERS (PLATE V-17)

HOLE NO.	MACHINE STYLE	PART NUMBERS	HOLE NO.	MACHINE STYLES	PART NUMBERS
3	F5212	1304 7469	8	F5213	1304 7311
	F5213	1304 7295		F5301, F5303, F5401, F5403,	
	F5510	1334 7935		F5501, F5503, F5706	1304 7337
	all other styles	1304 7477		F5510	1304 7253
4	F5212, F5510	1304 7006	9	F5101, F5103, F5201, F5203,	
	F5213	1304 7071		F5204, F5250	1334 8172
	all other styles	1304 7113		F5211, F5707	1304 7717
	F5212	1334 7752		F5212	1334 7737
5	F5213	1304 7329	10	F5213	1304 7063
	F5510	1304 7246		F5301, F5303, F5401, F5403,	
	all other styles	1304 7303		F5501, F5503, F5706	1304 7691
	F5101, F5201, F5211, F5301,			F5510	1334 8396
6	F5401, F5501, F5706	1304 7121	11	F5211, F5212, F5707	1334 7802
	F5103, F5203, F5204, F5250,			F5213	1304 7360
	F5303, F5403, F5503, F5707	1304 7139		F5510	1334 7810
	F5212	1334 8461		all other styles	1334 8032
7	F5213	1304 7014	12	F5101, F5103, F5201, F5203,	
	F5510	1304 7261		F5204, F5250	1304 7675
	F5101, F5103, F5201, F5203,			F5211	1304 7709
	F5204, F5211, F5212, F5250,			F5212	1304 7030
	F5707	1334 7760			

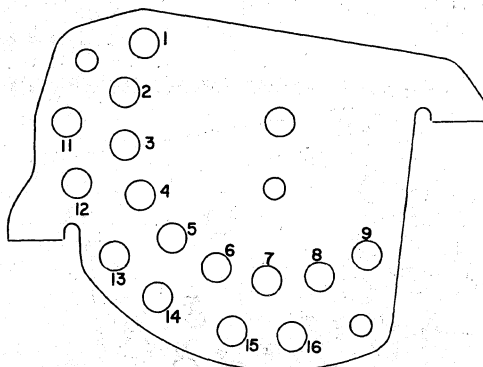
PART NUMBERS CONTINUED ON NEXT PAGE

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PART NUMBERS (PLATE V-17) CONTINUED

HOLE NO.	MACHINE STYLES	PART NUMBERS	HOLE NO.	MACHINE STYLES	PART NUMBERS
	F5213	1304 7055		F5510	1334 8404
	F5301, F5303, F5501, F5503, F5706	1304 7147	17	F5212	1334 8487
	F5401, F5403	1304 7683		F5213	1304 7568
	F5510	1334 7786		F5510	1334 7950
	F5707	1304 7733	18	all other styles	1334 7893
12	F5213	1334 7612		F5510	1334 7943
	F5301, F5303, F5501, F5503, F5706	1304 7154	19	all other styles	1304 7394
	F5510	1304 7238		F5510	1304 7527
	all other styles	1304 7048	21	all other styles	1304 7386
13	F5101, F5103, F5201, F5203, F5204, F5250	1304 7436		F5212	1334 7836
14	F5101, F5103, F5201, F5203, F5204, F5213, F5250	1334 7570		F5213	1304 7642
15	F5101, F5103, F5201, F5203, F5204, F5250	1334 7778	23	F5510	1334 7893
	F5211, F5707	1334 7885		F5510	1304 7394
	F5212	1334 7851	24	all other styles	1304 7428
	F5213	1334 7638		F5212	1304 7667
	F5401, F5403	1304 7402		F5213	1304 7659
	F5510	1334 7968		F5510	1334 7992
16	F5101, F5103, F5201, F5203, F5204, F5213, F5250	1304 7592	25	F5101, F5103, F5201, F5203, F5204, F5213, F5250, F5707	1304 7444
	F5211, F5212, F5707	1304 7584		F5211, F5212, F5401, F5403	1304 7410
				F5301, F5303, F5501, F5503, F5706	1304 7485
				F5510	1334 7984
			27	F5510	1304 7543
				all other styles	1304 7436

PINION SHAFTS FOR RIGHT PINION SHAFT SECTION (F1000 AND F6000) (PLATE V-18)



PART NUMBERS (PLATE V-18)

HOLE NO.	MACHINE STYLES	PART NUMBERS	HOLE NO.	MACHINE STYLE	PART NUMBERS
1	F1423	1304 5737		F6250, F6262, F6281, F6282	1304 5679
	F6510	1304 5810		F1301, F1303, F1458, F1501,	
	F6760, F6761	1304 8095		F1503, F1706, F1707, F6301,	
	all other styles	1304 5521		F6303, F6501, F6503, F6706,	
2	F1423	1304 8095		F6707	1304 5778
✓	F6460, F6560	1209 1203		F1401, F1403, F6401, F6403	1304 5760
	F6510	1304 5885		F1404, F6404	1304 5844
	F6760, F6761	1304 5737		F1423	1304 5851
	all other styles	1304 5943		F6214	1304 5794
3	F1050, F1101, F1103, F1201, F1203, F1211, F1250, F6050, F6101, F6103, F6104, F6201, F6203, F6204, F6211, F6213,			F6423	1304 5836
			✓	F6460, F6560	1209 1211

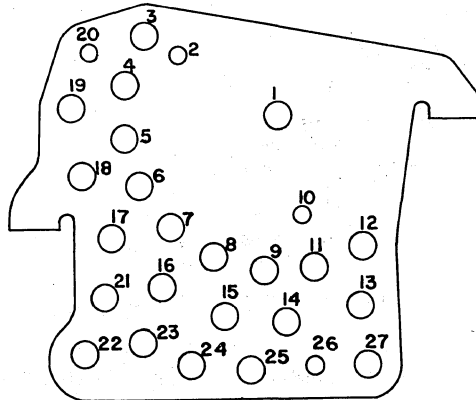
PART NUMBERS CONTINUED ON NEXT PAGE

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PART NUMBERS (PLATE V-18) CONTINUED

HOLE NO.	MACHINE STYLES	PART NUMBERS	HOLE NO.	MACHINE STYLES	PART NUMBERS
4	F6510	1304 5828		F6282, F6706, F6707, F6760, F6761	1304 6149
	F6760, F6761	1304 8111		F1301, F1303, F1401, F1403, F1458, F1501, F1503, F6301, F6303, F6305, F6401, F6403, F6501, F6503, F6505, F6510	1304 6321
	F1211, F6211, F6212, F6221, F6223, F6262, F6282	1304 5836		F1404, F1423, F6404, F6423	1304 6388
	F1404, F6404, F6423	1304 5679	7	✓ F6460, F6560	1209 1237
5	F1423	1304 8103		F1423	1304 5893
	F1050, F1101, F1103, F1201, F1203, F1211, F1250, F6050, F6101, F6103, F6104, F6201, F6203, F6204, F6211, F6212, F6221, F6223, F6250, F6262, F6281, F6282	1304 5760		F6510	1304 6677
	F1301, F1303, F1401, F1403, F1458, F1501, F1503, F1706, F1707, F6214, F6301, F6303, F6401, F6403, F6501, F6503, F6706, F6707	1304 5679		F6760, F6761	1304 8103
	F1404, F6404, F6423	1304 5877	8	all other styles	1304 5919
	F1423	1304 5836		F1301, F1303, F1458, F1501, F1503, F6301, F6303, F6305, F6501, F6503, F6505	1304 6313
	F6213	1304 6529		F1401, F1403, F6401, F6403, F6510	1304 6339
	✓ F6460, F6560	1209 1229		F1404, F1423, F6404, F6423	1304 6370
	F6510	1304 6610		✓ F6460, F6560	1209 1245
	F6760, F6761	1304 5893		F6760, F6761	1304 5927
	F1050, F1101, F1103, F1201, F1203, F1250, F6050, F6101, F6103, F6104, F6201, F6203, F6204, F6213, F6214, F6250, F6281	1304 6131		all other styles	1304 6156
	F1211, F1706, F1707, F6211, F6212, F6221, F6223, F6262,		9	F1401, F1403, F6401, F6403	1304 5786
6				F1404, F6404, F6423	1304 5760
				F1423	1304 8079
				F6510	1304 5729
			14	F6760, F6761	1304 5851
				all other styles	1304 5877
				F1404, F6404, F6423	1304 6396
				F1423	1304 8103
				all other styles	1304 6305

PINION SHAFTS FOR RIGHT PINION SHAFT SECTION (F5000) (PLATE V-19)



PART NUMBERS (PLATE V-19)

HOLE NO.	MACHINE STYLES	PART NUMBERS	HOLE NO.	MACHINE STYLES	PART NUMBERS
4	F5510	1304 5638	8	F5101, F5103, F5201, F5203, F5204, F5213, F5250	1334 7695
	all other styles	1304 7758		F5211, F5212, F5707	1304 8004
5	F5510	1304 8152		F5301, F5303, F5401, F5403, F5501, F5503	1334 8073
	all other styles	1304 7873		F5706	1502 1801
6	F5510	1304 5653			
	all other styles	1304 7766			
7	F5510	1304 6982			
	all other styles	1304 7881			

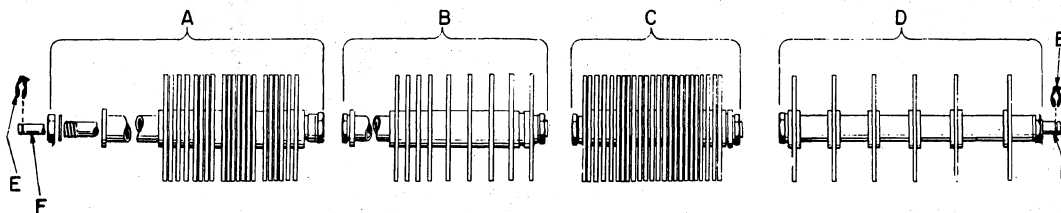
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PART NUMBERS (PLATE V-19) CONTINUED

HOLE NO.	MACHINE STYLES	PART NUMBERS	HOLE NO.	MACHINE STYLES	PART NUMBERS
9	F5211, F5212, F5707	1304 7774	13	all other styles	1304 7782
	F5301, F5303, F5501, F5503, F5706	1334 8156		F5211, F5212	1304 7956
✓	F5510 F5706, F5401	1304 5646		F5213	1334 7679
	all other styles	1334 7653		F5301, F5303, F5501, F5503, F5706, F5707	1304 7972
11	F5101, F5103, F5201, F5203, F5204, F5213, F5250	1334 7596		F5401, F5403	1304 7964
	F5211, F5212	1304 8046	14	F5510	1334 8321
	F5301, F5303, F5501, F5503, F5706	1334 8081	15	F5401, F5403	1304 7923
	F5401, F5403	1334 8040		F5101, F5103, F5201, F5203, F5204, F5213, F5250	1304 7931
	F5510	1334 8222		F5211, F5212, F5707	1304 7923
	F5707	1334 8016		F5301, F5303, F5501, F5503, F5706	1334 8107
12	F5213	1334 7612	16	F5301, F5303, F5401, F5403, F5501, F5503	1334 8123
	F5301, F5303, F5501, F5503, F5706, F5707	1304 7790		F5706	1502 1819
	F5510	1304 5620	24	F5301, F5303, F5501, F5503	1334 8131

CLUSTER GEAR ASSEMBLIES (PLATE V-20)



PART NUMBERS (PLATE V-20)

MACHINE STYLES	EXTREME LEFT F5000 ONLY	THIRD FROM RIGHT	SECOND FROM RIGHT	RIGHT
A F5212, F5213, F5510	1508 7596			
all other styles	1508 7570			
<u>F1000 - F6000 - F9000</u>				
B F1423, F6212, F6213, F6221, F6223, F6423	1508 7471			
F6510	1508 7489			
all other styles	1508 7455			
<u>F5000</u>				
F5212, F5213	1508 7513			
F5510	1508 7539			
all other styles	1508 7521			
<u>F1000 - F6000</u>				
C F1423	1508 7695			
F6212, F6213, F6221, F6223, F6423, F6510	1508 7463			
F6760, F6761	1508 7414			
all other styles	1508 7398			

PART NUMBERS CONTINUED ON NEXT PAGE

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PART NUMBERS (PLATE V-20) CONTINUED

MACHINE STYLES	EXTREME LEFT F5000 ONLY	THIRD FROM RIGHT	SECOND FROM RIGHT	RIGHT
<u>F9000</u>				
F9101, F9201, F9211, F9301				
F9401, F9501, F9706			1525 3743	
F9050, F9103, F9203, F9250				
F9303, F9433, F9503, F9707			1528 3179	
F9404			1528 4052	
<u>F5000</u>				
F5212, F5213, F5510			1508 7547	
all other styles			1508 7554	
<u>F1000 - F6000 - F9000</u>				
D F1211, F1423, F6211, F6212,				
F6213, F6221, F6223, F6262,				
F6282, F6423, F9211			1508 7430	
F1404, F6404, F9404			1508 7448	
all other styles			1508 7422	
<u>F5000</u>				
F5211, F5212, F5213			1508 7562	
all other styles			1508 7588	
E. 1010 0238 clip				
F 1508 7182 shaft for F5000				
1508 7174 for F1000, F6000				

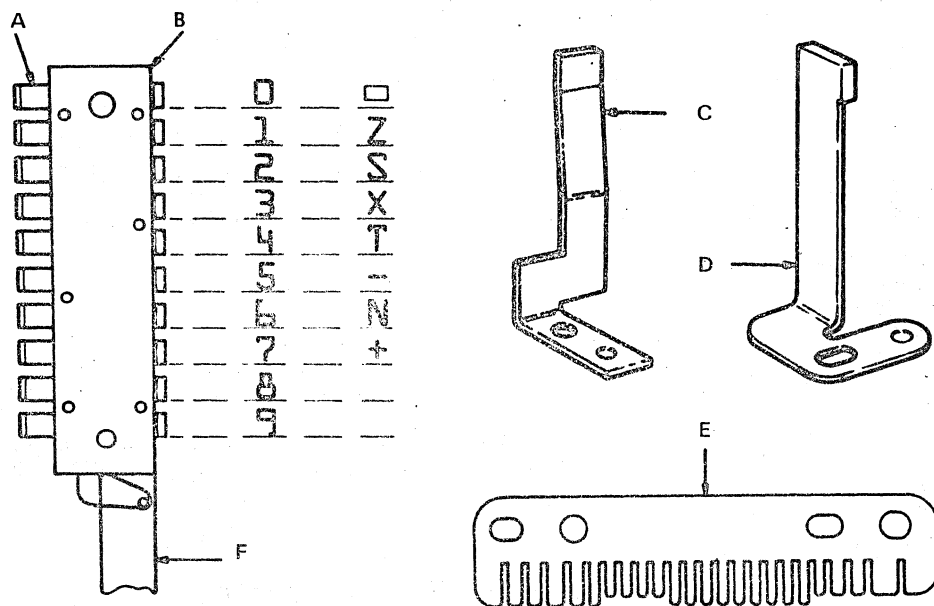
COMPLETE CLUSTER GEAR AND MAJOR ASSEMBLIES - F9000 (PLATE V-21)

MACHINE STYLE	COMPLETE	LOWER	LEFT	RIGHT
F9050				
F9103	1528 3815	1528 3823	1528 3872	1528 3831
F9203				
F9250				
F9101	1528 3856	1528 3898	1528 3872	1528 3880
F9201				
F9303				
F9433	1528 3112	1528 3104	1528 3161	1508 7943
F9503				
F9301				
F9431	1528 3138	1528 3146	1528 3161	1528 3153
F9501				
F9211	1528 5141	1528 5158	1528 5174	1528 3880
F9404	1528 4078	1528 4102	1528 4086	1528 4094
F9706	1528 5018	1528 5042	1528 5034	1528 3153
F9707	1528 5026	1528 5059	1528 5034	1508 7943

✓ Printing

OPTICAL CHARACTER RECOGNITION A.S.A. TYPE A FOR MACHINE STYLES

F3050, F 3203, F3250, F3275 (Plate V-22)



PART NUMBERS (Plate V-22)

A ----- type

1827 5370

1827 5388

1827 5396

1827 5404

1827 5412

1827 5420

1827 5438

1827 5446

1827 5453

1827 5461

Position

1

2

3

4

5

6

7

8

9

10

numerals for
columns 1 thru 11

1306 3037

dummy

1533 8973

1533 8981

1533 8999

1533 9005

1533 9013

1533 9021

1533 9039

1

2

3

4

5

6

7

8

symbols for
column S1B 1827 5487 type magazine for columns 1 thru 11
1827 5362 type magazine for columns S1 and S2C 1827 5164 type bar stabiliser for column 11,
use 1028 9395 shoulder screwD 1827 5172 type bar stabiliser for column S2,
use 1028 9395 shoulder screw

E 1827 5271 guide comb

F ----- type bar complete

Column

1827 5255

S-2

1827 5263

S-1

1827 5248

1 and 8

1827 5230

2 and 9

1827 5222

3 and 10

1827 5214

4 and 11

1827 5206

5

1827 5198

6

1827 5180

7

BASIC SERIES F

ACCOUNTING MACHINES

Includes

F25—F500,F700,F1000,F5000,F6000

SECTION

VI

Burroughs

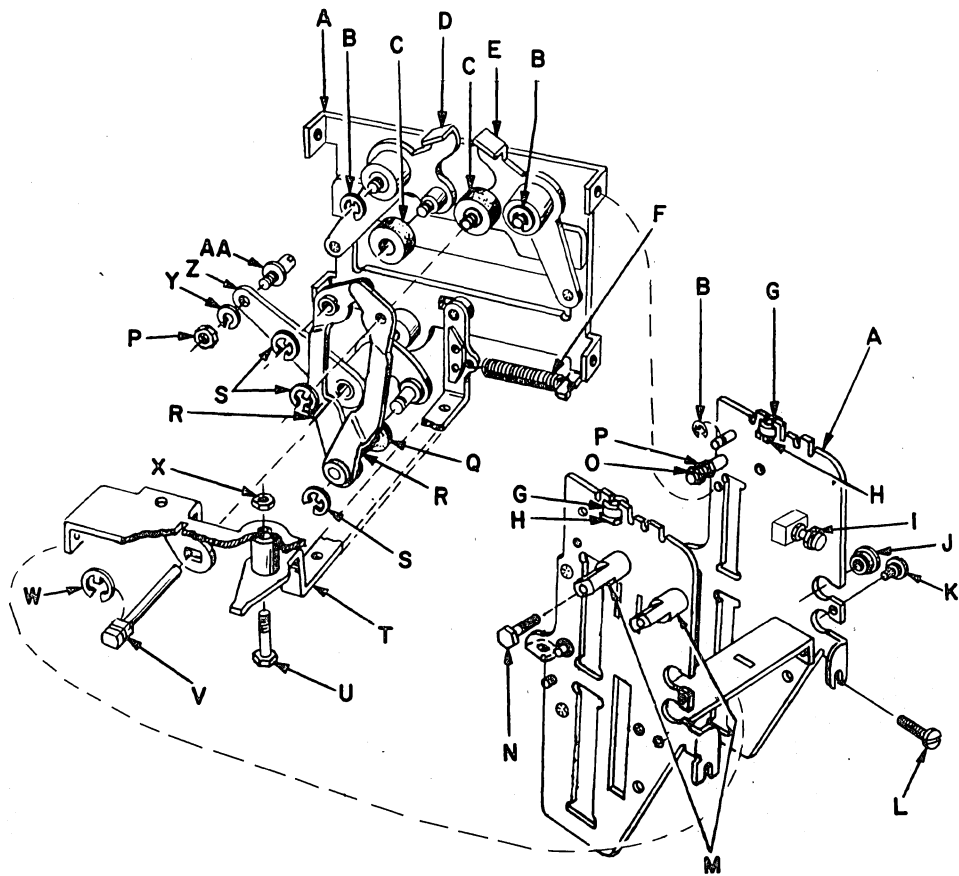
FIELD ENGINEERING

PARTS CATALOG

WRITER

Writer

WRITER BOX (PLATE VI-1)



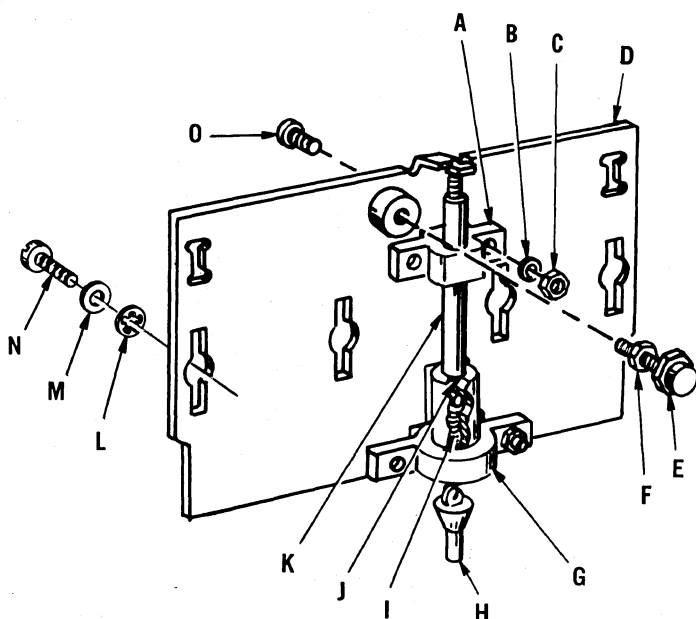
* PART NUMBERS (PLATE VI-1)

1523 8850	complete assembled writer section, after F165950P. Use 1523 8850, 1511 2162 link and 1255 3129 clip, before F165951P	N	1337 2354	screw
A	1336 7347 writer box shell, after F144813P Use 1336 7347, 1336 3239 arm and 1336 3247 arm, before F144814P and after F108439P. Use 1336 7347, 1336 3239 arm and 1336 3247 arm, 1336 3254 lever and 1336 2637 (2 req.) bumper screw, before F108440P and after F89608P	O	1336 2611	bumper screw
B	1300 1490 clip	P	1010 0378	nut
C	1341 8777 felt oiler	Q	1341 8538	felt oiler
D	1336 3247 arm, requires 1010 4966 washer before F81087P	R	1336 3320	link, after F108439P Use 1336 3312 link before F108440P
E	1336 3239 arm, requires 1010 4966 washer before F81087P	S	1255 3152	clip
F	1027 2870 spring, not included in writer box	T	1336 3254	shift lever
G	1338 7634 slotted nut	U	1338 0381	screw
H	1011 3538 retaining clip	V	1339 0976	pivot shaft
I	1336 2637 bumper screw	W	1017 4290	clip
J	1336 2801 steel bearing, after F110873P Use 1336 2801 (2 req.), 1340 5311 screw before F110874P	X	1010 0386	nut
K	1340 5311 screw, after F110873P Use 1010 7290 screw before F110874P	Y	1256 7442	lockwasher
L	1304 2767 screw	Z	1336 3452	bellcrank, after F108439P Use 1336 3452, 1336 1894 limit link, 1337 7106 spacer (2 req.), 1340 1971 screw, 1256 7442 lockwasher and 1010 0378 nut before F108440P
M	1336 1696 threaded post	AA	1340 1971	screw, after F108439P Use 1340 1971, 1336 3452 bellcrank, 1336 1894 limit link, 1337 7106 spacer (2 req.), 1256 7442 lockwasher and 1010 0378 nut, before F108440P

* Service replacement for sections before F89609P is complete writer box section.

Writer

WRITER BOX - TOP PLATE (PLATE VI-2)

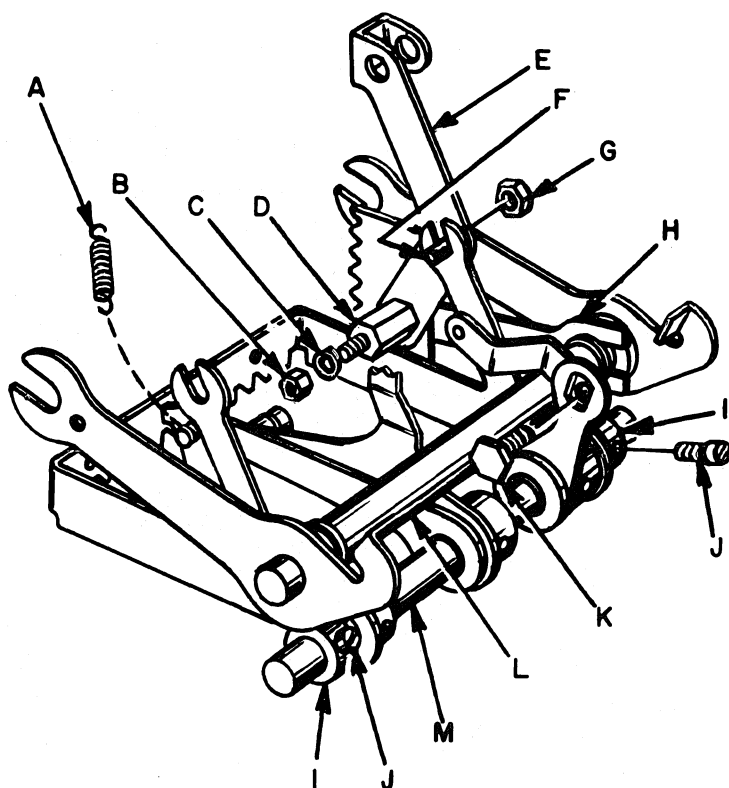


*PART NUMBERS (PLATE VI-2)

1336 3064	complete writer box top plate assembly, includes A thru K and O
A	1336 2595 bearing
B	1256 7426 lockwasher
C	1010 0469 nut
D	1336 3072 top plate assembly
E	1336 2637 bumper screw
F	1010 0378 nut
G	1336 2587 bearing
H	1336 2835 anvil
I	1027 6608 spring
J	1013 9368 spring
K	1336 2496 interposer
L	1256 7434 lockwasher
M	1010 4743 washer
N	1012 0178 screw
O	1340 3217 screw

* Service replacement for sections before F89609P is complete writer box section

WRITER BOX - DETENT ASSEMBLY (PLATE VI-3)



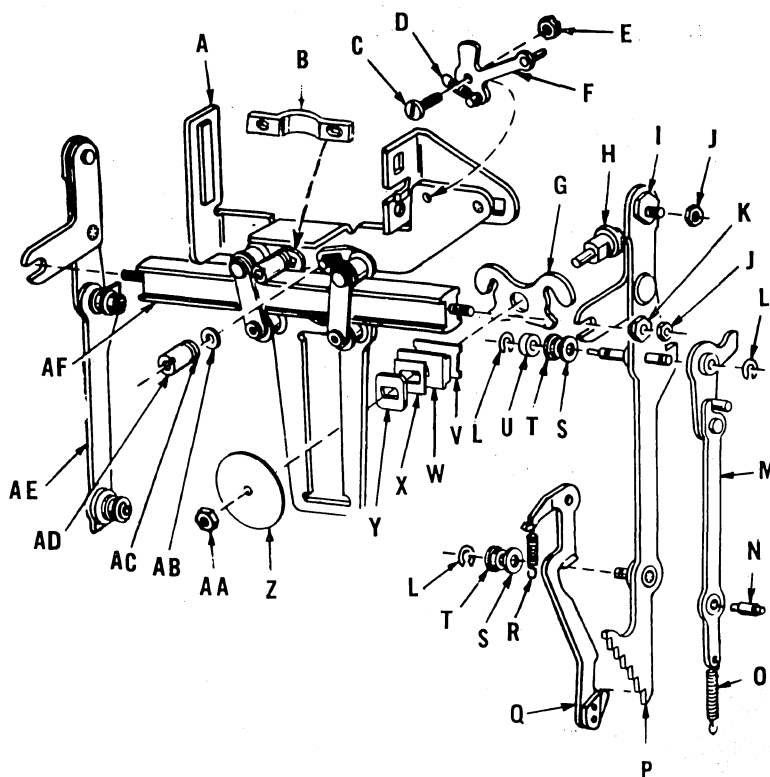
* PART NUMBERS (PLATE VI-3)

A	1026 9728 spring
B	1010 0451 nut
C	1256 7426 lockwasher
D	1340 1997 eccentric collar
E	1336 3387 arm
F	1340 1989 hex eccentric post
G	1010 0386 nut, use 1256 7434 lockwasher
H	1336 3148 vertical box lock for writer sections with riveted baskets for code stops Use 1336 3148, 1336 3387 arm, 1340 1989 hex eccentric post, 1340 1997 eccentric collar, 1010 0451 nut, 1256 7699 lockwasher before riveted baskets for code stops
I	1028 8843 set collar, includes J
J	1010 9643 screw, included in I
K	1340 1740 screw, use 1010 0386 nut
L	1502 8442 lift shaft
M	1336 2959 bail assembly

* Service replacement for sections before F89609P is complete writer box section

Writer

WRITER BOX - VERTICAL TRANSPORT MECHANISM (PLATE VI-4)

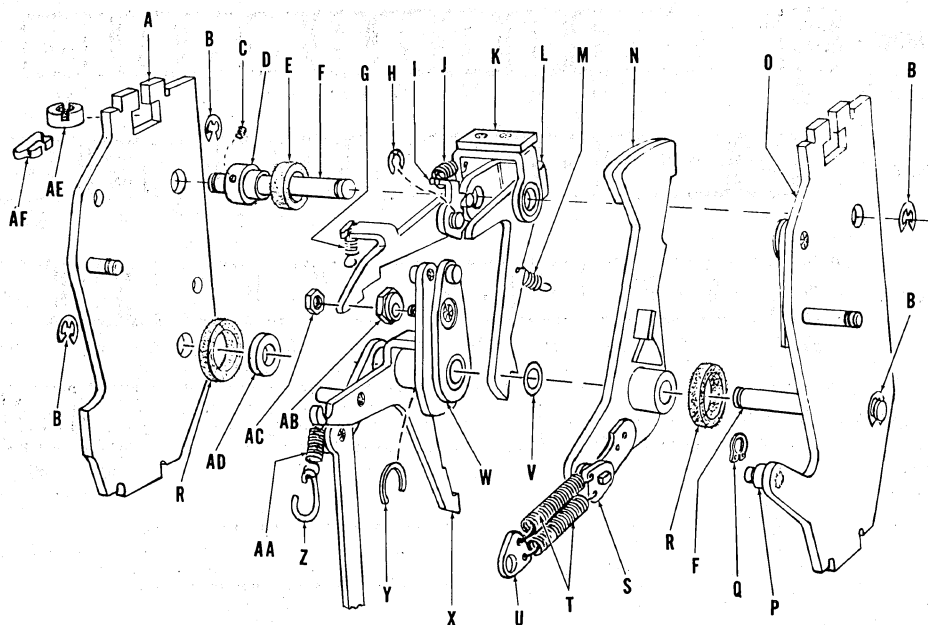


* PART NUMBERS (PLATE VI-4)

A	1336 3486	frame, includes C, E, F	T	1337 7767	bearing for side frames with riveted baskets for code stops Use 1336 2454 bearing before riveted baskets for code stops
B	1523 2838	retainer, use 1256 7434 lockwasher	U	1502 9515	roller
C	1340 1393	eccentric, included in A	V	1336 3205	guide plate
D	1027 7077	spring	W	1336 3189	slide guide bearing
E	1338 7279	slotted nut, included in A	X	1336 8774	shim
F	1336 3221	latch, included in A	Y	1336 3197	slide guide bearing
G	1336 7305	plate	Z	1337 1786	washer
H	1336 2462	diamond stud screw	AA	1338 7527	self-locking nut
I	1017 4720	eccentric	AB	1010 8579	washer
J	1010 0386	nut	AC	1256 7434	lockwasher
K	1338 7402	shoulder nut	AD	1502 9523	slotted nut
L	1502 9945	clip	AE	1336 1878	vertical position limiting link for side frames with riveted basket for code stops Use 1336 1878, 1337 7106 spacer (2 req.) before riveted basket for code stops
M	1336 1811	toggle drive assembly	AF	1336 2652	transport rail, use 1337 1117 shim
N	1341 2051	pin			
O	1340 9768	spring			
P	1336 1910	vertical position limiting link for side frames with riveted baskets for code stops Use 1336 1910, 1337 7106 spacer (2 req.) for sideframes before riveted baskets for code stops			
Q	1336 3411	rebound link			
R	1013 3106	spring			
S	1337 7106	spacer			

* Service replacement for sections before F89609P is complete writer box section

WRITER BOX - HAMMER ASSEMBLY (PLATE VI-5)



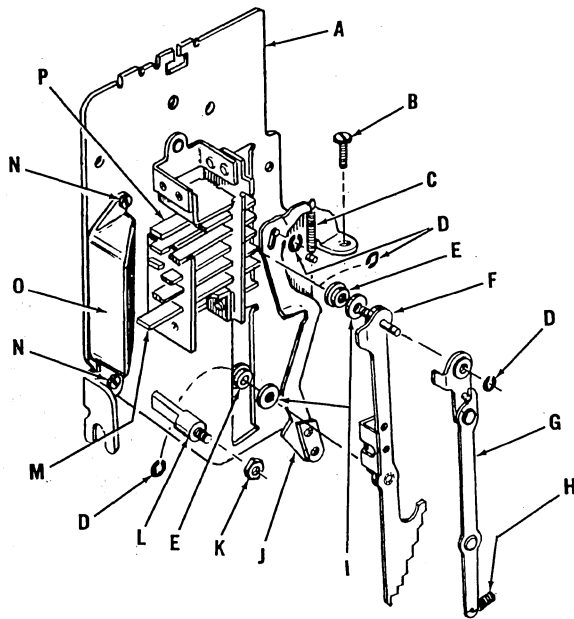
*PART NUMBERS (PLATE VI-5)

	1502 8632	complete hammer assembly, after F167373P includes A thru X and AB thru AF	Q	1025 5420	clip, after F139091P	
		Use 1502 8632 and 1502 8442 vertical lift shaft before F167374P	R	1255 3129	clip, before F139092P	
A	1336 3023	left side plate	S	1341 8769	felt oiler	
✓ B	1504 0215	clip	✓ T	1502 3690	spring anchor	
C	1255 7617	setscrew		1200 7019	standard hammer spring	for machine serial No. ending in S. Use 1200 7043 spring anchor 1255 3129 clip
D	1337 9730	set collar		1200 7035	heavy hammer spring	
E	1341 8751	felt oiler				
F	1503 1693	shaft, after F179630P	U	1502 8434	spring anchor	
		Use 1503 1693 and 1023 7493 spacer (2 req.) before F179631P	V	1026 9330	washer	
✓ G	1524 0740	spring	W	1336 2538	arm	
H	1010 0147	clip	X	1336 2827	primary latch assembly, includes Y	
I	1336 8527	release pawl	Y	1337 2370	clip	
J	1304 2973	spring	Z	1300 1409	spring anchor	
K	1336 2553	secondary latch	AA	1027 7077	spring	
L	1504 0165	latch	AB	1337 9284	eccentric bushing	
M	1027 7077	spring	AC	1010 0386	nut	
✓ N	1504 0140	hammer, after serial F192174P.	AD	1337 9003	spacer	
		Use 1504 0140, 1504 0165 latch before serial F192175P	AE	1011 9824	slotted nut, for left side plate	
	1200 6961	standard hammer	AF	1503 0539	slotted nut, for right side plate	
	1200 7027	heavy hammer		1011 3538	retaining clip	
O	1336 3031	right side plate with cutout for slotted nut				
	1336 2983	right side plate without cutout for slotted nut				
P	1337 4491	spacer				

* Service replacement for sections before F89609P is complete writer box section

Writer

✓ WRITER BOX - CODING HEAD - RIGHT VIEW (PLATE VI-6)



*PART NUMBERS (PLATE VI-6)

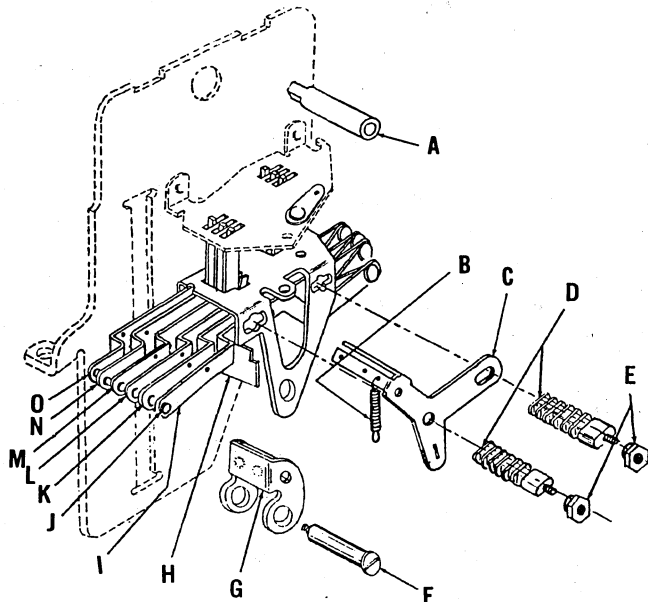
1523 8843 Complete code plate assembly, for side frame with riveted basket for code stops after F165950P, includes A, C thru P.

Use 1523 8843, 1511 2162 link, 1503 0885 power transfer shaft, 1503 0877 screw, 1010 9726 washer, 1336 3148 vertical box lock, 1336 3387 arm 1336 3031 right side plate, 1010 0451 nut, 1256 7699 lockwasher, 1340 1989 hex eccentric post, 1340 1997 eccentric collar and 1255 3129 clip before riveted basket for code stops.

- A 1336 2082 side frame with riveted basket for code stops
Use 1523 8843 complete code plate assembly, 1511 2162 link, 1503 0885 power transfer shaft, 1503 0877 screw, 1010 9726 washer, 1336 3148 vertical box lock, 1336 3387 arm, 1336 3031 right side plate, 1010 0451 nut, 1256 7699 lockwasher, 1340 1989 hex eccentric post, 1340 1997 eccentric collar and 1255 3129 clip before riveted basket for code stops.
- B 1304 2767 screw
- C 1013 3106 spring
- D 1502 9945 clip
- E 1337 7767 steel bearing for side frames with riveted basket for code stops
1336 2454 bronze bearing before riveted basket for code stops
- F 1336 1894 horizontal position limiting link for side frame with riveted basket for code stops
Use 1336 1894, 1337 7106 spacer (2 req.) before riveted basket for code stops
- G 1336 1795 toggle drive assembly
- H 1340 9768 spring
- I 1337 7106 spacer
- J 1336 3437 rebound link
- K 1256 5263 nut
- L 1336 1696 threaded post
- M 1336 2348 vertical limit stop
- N 1340 5642 screw, use 1337 5019 washer, 1256 7400 lockwasher and 1256 5180 nut
- O 1336 8550 link, for side frames with molded nylon code stops. Use 1336 8550 and 1256 0132 screw before molded nylon code stops
- P 1336 2355 horizontal limit stop

* Service replacement for sections before F89609P is complete writer box section

WRITER BOX - CODING HEAD - LEFT VIEW (PLATE VI-7)



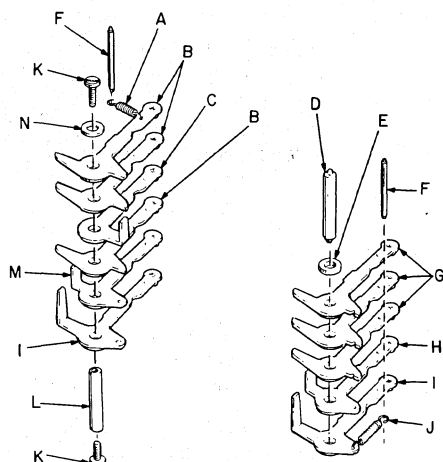
PART NUMBERS (PLATE VI-7)

- A 1336 1704 tapped post
- B 1044 3026 spring
- C 1336 2165 support plate
- D 1336 1720 guide post
- E 1338 7303 shoulder nut
- F 1336 1662 threaded post
- G 1336 2421 power bail assembly, after F79364P
Use 1336 2405 before F79365P
- H 1336 2272 guide comb
- I 1336 2033 upper code slide, includes J
- J 1337 2644 stud
- K 1336 2017 upper code slide
- L 1336 1993 upper code slide
- M 1336 1977 upper code slide
- N 1336 1951 upper code slide
- O 1336 1936 upper code slide

includes J

Writer

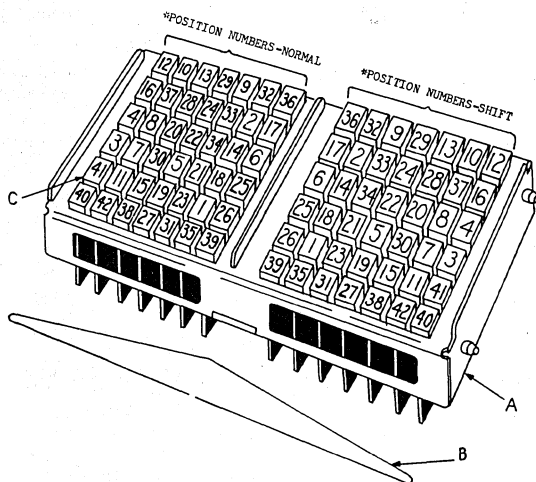
WRITER BOX - CODING HEAD - BELLCRANKS (PLATE VI-8)



PART NUMBERS (PLATE VI-8)

A	1026 9751	spring
B	1336 2157	code lever
C	1336 2108	code lever
D	1336 1738	shaft
E	1337 2347	spacer
F	1336 1670	post
G	1336 2124	code lever
H	1336 2132	code lever
I	1336 2140	code lever
J	1027 1989	spring
K	1010 8991	screw
L	1336 1688	shaft
M	1336 2116	code lever
N	1337 2164	spacer

TYPE BOX ASSEMBLY (PLATE VI-9)



PART NUMBERS (PLATE VI-9)

1336 1597	complete assembled type box with .066 X .100 type, includes A, B, C.
1336 1605	complete assembled type box with .045 X .100 type, includes A, B, C.
1645 3672	complete assembled type box with .040 X .074 type, includes A, B, C.
A	1336 1589 type box frame
B	1336 1639 spring
C	-- -- type (refer to type charts)

Writer

.066X. 100 TYPE CHART (PLATE VI-10)

Position numbers correspond with numbers on Typewriter Keytop Chart

Position Number	Normal	Part Number	Shift	Part Number	Position Number	Normal	Part Number	Shift	Part Number
1	Q	1336 4377	1/	1336 4757	31	8	1336 4534	!	1336 5119
2	A	1336 4195	6/	1336 4617	32	.	1336 4401	?	1336 4302
3	1	1336 4427	*	1336 4351		.	1336 4286	%o	1336 4880
4	Z	1336 3981	11/	1336 4708		À	1336 4955		
5	W	1336 4039	2/	1336 4724				?	1336 4302
6	S	1336 4237	7/	1336 4658	33	O	1336 4187	/6	1336 4625
	Σ	1336 4062	S	1336 4237	34	L	1336 4211	/16	1336 4674
7	2	1336 4435	..	1336 5101		Λ	1336 4120	L	1336 4211
8	X	1336 3999	12/	1336 4690	35	9	1336 4542	(	1336 4799
9	E	1336 4179	3/	1336 4559	36	.	1336 4286	£	1336 4294
10	D	1336 3916	8/	1336 4583		Æ	1336 4153	¢	1336 4849
	Δ	1336 4070	D	1336 3916				¢	1336 4864
11	3	1336 4443	#	1336 4518				¢	1336 4864
12	C	1336 3908	13/	1336 4591				¢	1336 4864
	*	1336 4088	C	1336 3908				¢	1336 4864
13	R	1336 3924	4/	1336 4575				Fr	1336 5077
14	F	1336 4229	9/	1336 4666				Δ P	1336 5093
	Φ	1336 4146	F	1336 4229				DM	1336 5085
15	4	1336 4450	\$	1336 4500					
16	V	1336 3940	14/	1336 4641					
	Ω	1336 4096	V	1336 3940	37	P	1336 3957	/8	1336 4633
17	T	1336 4203	5/	1336 4609		Π	1336 4112	P	1336 3957
18	G	1336 4252	10/	1336 4716	38	:	1336 4393	¢	1336 4807
			G	1336 4252		À	1336 4955	/	1336 4831
19	5	1336 4468	%	1336 4765		Ç	1336 4419		
20	B	1336 4005	15/	1336 4682		Ñ	1336 4948	¢	1336 4807
21	Y	1336 4245	+	1336 4344					
22	H	1336 4013	=	1336 4328	39	O	1336 4492	)	1336 4799
23	6	1336 4526	-	1336 4385	40	/	1336 4831	3/4	1336 4823
24	N	1336 3973	:	1336 4310					
25	U	1336 4260	X	1336 4336	41	@	1336 4047	1/4	1336 4781
	O	1336 4054	U	1336 4260		Æ	1336 4153		
26	J	1336 4278	/10	1336 4740					
	Ξ	1336 4138	J	1336 4278				É	1336 5010
27	7	1336 4484	&	1336 4369				1/2	1336 4815
28	M	1336 3965	o	1336 5127	42	-	1336 4476		
			f	1336 4872				Ê	1336 5002
29	1	1336 3932	/3	1336 4567					
30	K	1336 4021	/12	1336 4732					

Writer

.040X. 074 TYPE CHART (PLATE VI-11)

Position numbers correspond with numbers on Typewriter Keytop Chart

Position				Position			
Number	Normal	Part Number	Shift	Number	Normal	Part Number	Shift
1	Q	1336 5390		20	B	1336 5242	
2	A	1336 5309		21	Y	1336 5358	
4	Z	1336 5226		22	H	1336 5259	
5	W	1336 5275		24	N	1336 5218	
6	S	1336 5341		25	U	1336 5374	
8	X	1336 5234		26	J	1336 5382	
9	E	1336 5283		27			& 1336 5408
10	D	1336 5150		28	M	1336 5200	
12	C	1336 5143		29	I	1336 5176	
13	R	1336 5168		30	K	1336 5267	
14	F	1336 5333		33	O	1336 5291	
16	V	1336 5184		34	L	1336 5325	
17	T	1336 5317		37	P	1336 5192	
18	G	1336 5366					

.045X. 100 TYPE CHART (PLATE VI-12)

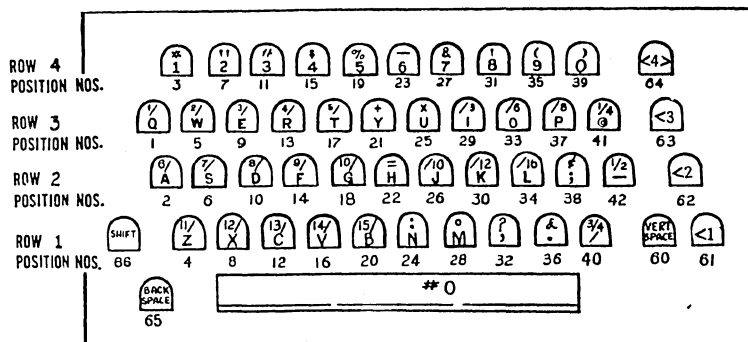
Position numbers correspond with numbers on Typewriter Keytop Chart

1336 6018 Set of 37 pieces (A thru Z; 0 thru 9 and multiplying sign)

Position				Position			
Number	Normal	Part Number	Shift	Number	Normal	Part Number	Shift
1	Q	1336 5820		22	H	1336 5523	
2	A	1336 5606		23	6	1336 5754	È 1336 5929
3	1	1336 5705		24	N	1336 5481	
4	Z	1336 5499		25	U	1336 5671	X 1336 5697
5	W	1336 5549		26	J	1336 5689	
6	Σ	1336 5572		27	7	1336 5762	
	S	1336 5648		28	M	1336 5473	
7	2	1336 5713		29	I	1336 5440	
8	X	1336 5507		30	K	1336 5531	
9	E	1336 5580		31	8	1336 5770	
10	D	1336 5424		32	Ø	1336 5564	Û 1336 5895
11	3	1336 5721			Å	1336 5879	
12	C	1336 5416		33	O	1336 5598	
13	R	1336 5432		34	L	1336 5622	
14	F	1336 5630		35	9	1336 5788	
15	4	1336 5739		36	Ä	1336 5887	C. 1336 6000
16	V	1336 5457		37	P	1336 5465	
17	T	1336 5614		38	Ç	1336 5853	1336 5960
18	Γ	1336 5283			Ñ	1336 5861	1336 5911
	G	1336 5663		39	O	1336 5796	
19	5	1336 5747		40	Ö	1336 5903	
20	B	1336 5515		41	Ä	1336 5952	È 1336 5945
21	Y	1336 5655		42			1336 5937

Writer

TYPEWRITER KEYTOP CHART (PLATE VI-13)



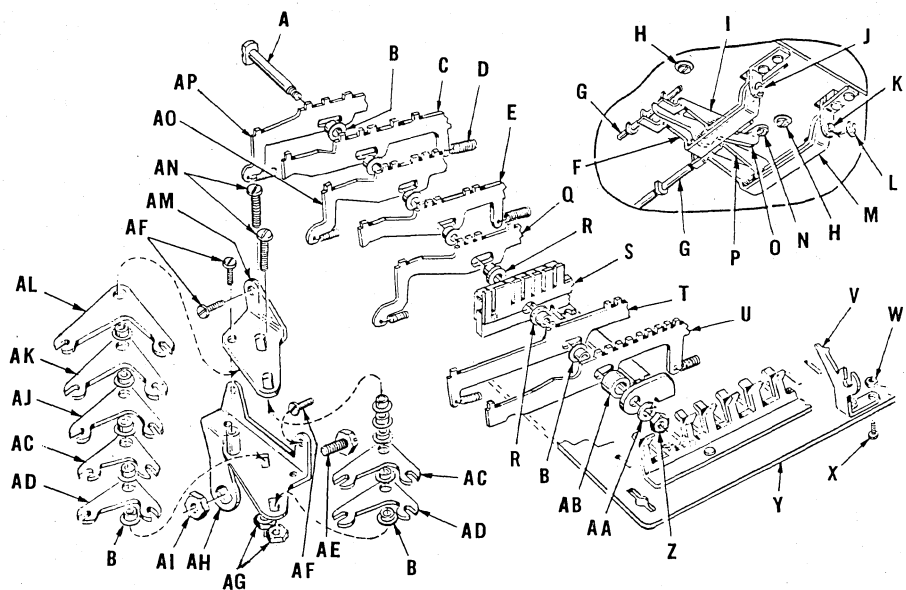
Position Normal Shift Part Number Position Normal Shift Part Number

Note: Blank Keytops (for International); use
1336 8857

1	Q	1/	1336 9061	33	0	/6	1336 9228
	A	1/	1337 0457	34	L	/16	1336 9442
2	A	6/	1336 9285		A	L	1337 0408
	Q	6/	1337 0499	35	9	(	1336 9020
3	1	*	1336 8865	36	.	£	1336 9665
4	Z	11/	1336 9509		.	©	1336 9871
	W	11/	1337 0515		.	©	1336 9913
	Y	11/	1337 0119		.	Bs	1336 9897
5	W	2/	1336 9087		.	P	1336 9855
	Z	2/	1337 0473		.	C.	1336 9939
6	S	7/	1336 9301		.	Fr	1337 0531
	S	S	1337 0267		.	Fr	1337 0192
7	2	11/	1336 8881		Æ	£	1337 0614
8	X	12/	1336 9525		.	ΔP	1337 0432
9	E	3/	1336 9103		Ä	£	1336 9970
10	D	8/	1336 9327	37	P	/8	1336 9244
	Δ	D	1337 0259	38	Π	P	1337 0366
11	3	#	1336 8907		.	¢	1336 9467
	3	/	1337 0762		N	c	1336 9830
12	C	13/	1336 9541		Ö	A	1337 0150
	Ψ	C	1337 0341		Ä	/	1337 0655
13	R	4/	1336 9129		Ö	/	1337 0036
	P	R	1337 0424		Ö	/	1337 0739
14	F	9/	1336 9343		Ö	Ö	1337 0697
	Φ	F	1337 0234	39	0	)	1336 9046
15	4	\$	1336 8923		*	£	1337 0556
16	V	14/	1336 9566	40	/	3/4	1336 9681
	Ω	V	1337 0382		-	/	1337 0176
17	T	5/	1336 9145		.	3/4	1337 0630
18	G	10/	1336 9368		Ö	3/4	1337 0010
	r	G	1337 0283		Ö	3/4	1337 0796
19	5	%	1336 8949	41	@	1/4	1336 9269
20	B	15/	1336 9582		Ü	1/4	1337 0093
21	Y	+	1336 9160		Ä	1/4	1337 0770
	Z	+	1337 0077		Ü	1/4	1337 0747
22	H	=	1336 9384		Ü	1/4	1336 9996
23	6	-	1336 8964		Ä	1/4	1337 0713
24	N	:	1336 9608	42	-	1/2	1336 9483
25	U	X	1336 9186		-	1/2	1337 0051
	9	U	1337 0309		Ø	1/2	1337 0788
26	J	/10	1336 9400		Ä	1/2	1337 0754
	E	J	1337 0325		Ä	1/2	1337 0135
27	7	&	1336 8980		Ä	E	
28	M	o	1336 9624	60	VERT SPACE		1336 9707
	M	f	1336 9822	✓61	<1		1503 1081
29	I	/3	1336 9202	✓62	<2		1503 1099
30	K	/12	1336 9426	✓63	<3		1503 1107
31	8	!	1336 9004	✓64	<4>		1503 1073
32	,	?	1336 9640	65	BACK SPACE		
	.	%	1337 0572		SPACE		1336 9780
	.	%	1337 0218		(Reverse entrv)		
	Ø	?	1337 0598		Red on Beige	125	1502 8996
	Ä	Ü	1336 9954	66	SHIFT		1336 9749
	,	;	1337 0671				

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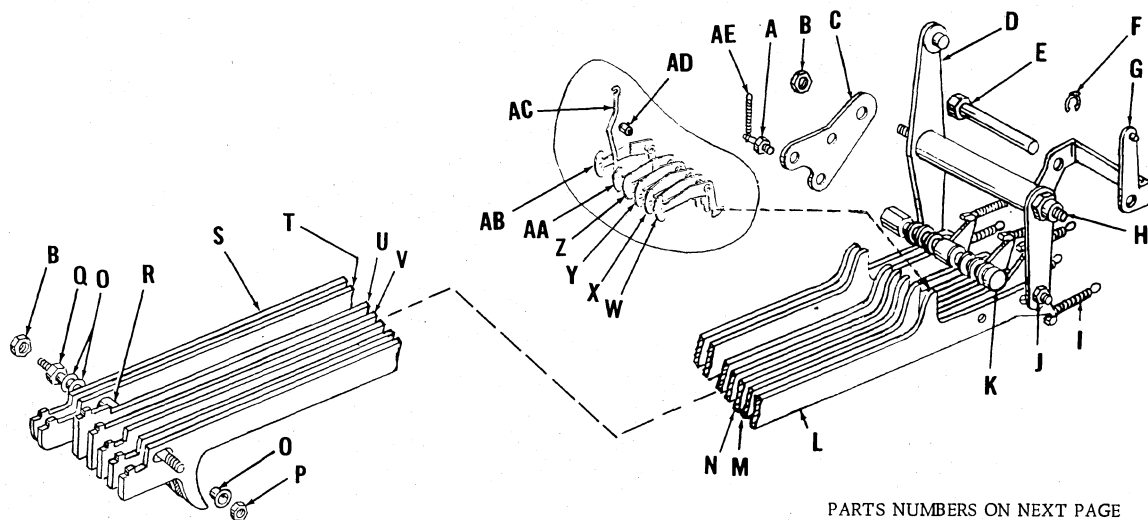
TYPEWRITER KEYBOARD CODE SLIDES AND BELLCRANKS (PLATE VI-14)



PART NUMBERS (PLATE VI-14)

A	1336 3502	guide screw	L	1300 1490	clip	AA	1256 7442	lockwasher
B	1339 2444	spacer	M	1336 6729	bail	AB	1337 6157	spacer
C	1336 6364	code slide	N	1013 9053	screw	AC	1336 6562	bellcrank
D	1027 6319	spring	O	1336 6216	brace	AD	1336 6554	bellcrank
E	1336 6380	code slide	P	1336 6711	bail	AE	1340 3621	screw
F	1336 6703	bail	Q	1336 6398	slide	AF	1010 9601	screw
G	1336 3841	shaft	R	1339 2519	spacer	AG	1010 0436	nut
H	1012 0178	screw, use 1010 4743 washer	S	1522 6434	interlock	AH	1336 6513	bracket
I	1336 6695	bail	T	1336 6406	slide	AI	1256 5263	nut
J	1336 3858	shaft, use 1300 1490 clip	U	1336 6414	slide	AJ	1336 6570	bellcrank
K	1336 3866	shaft	V	1336 6273	brace	AK	1336 6588	bellcrank
			W	1010 0378	nut	AL	1336 6596	bellcrank
			X	1010 4610	screw	AM	1336 6547	bracket
			Y	1336 3692	bottom plate	AN	1010 3398	screw
			Z	1010 0360	nut	AO	1336 6372	slide
						AP	1336 6356	slide

CODE ACTUATING SLIDES, BELLCRANKS AND LINKS (PLATE VI-15)



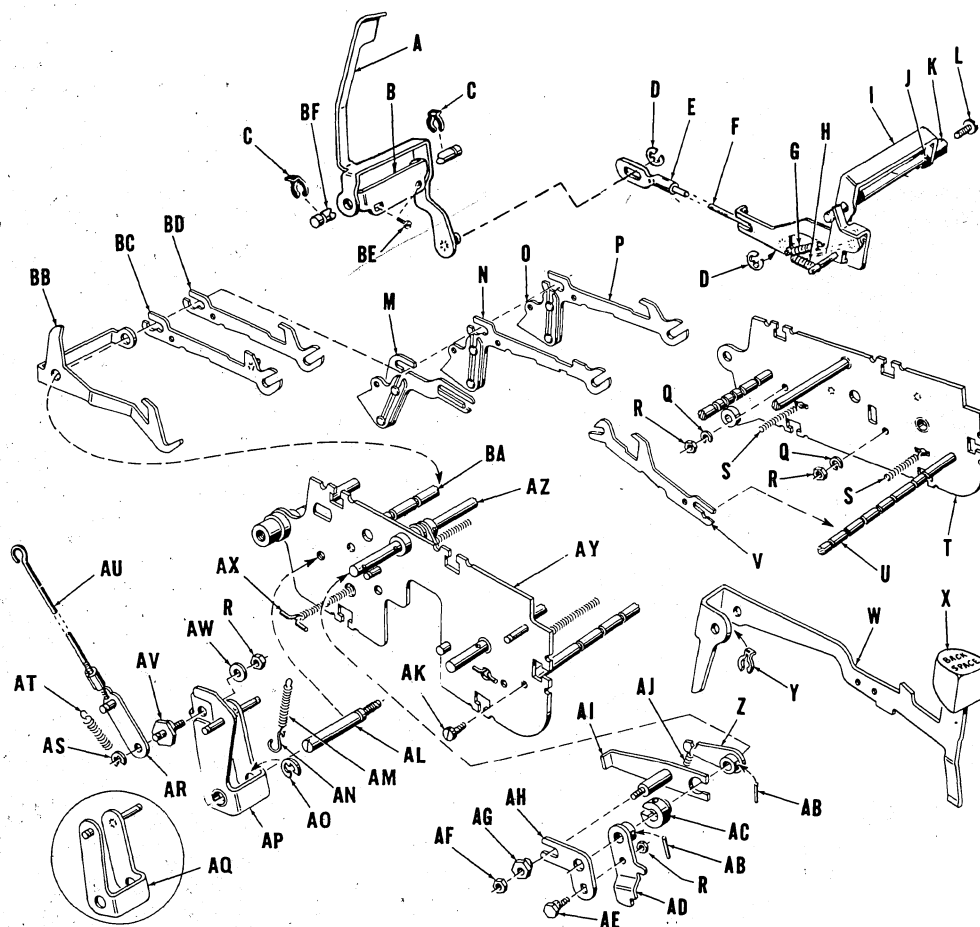
PARTS NUMBERS ON NEXT PAGE

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PART NUMBERS (PLATE VI-15)

A	1028 8611	spring anchor screw	Q	1326 0526	threaded shaft
B	1256 5263	nut	R	1341 8082	spacer
C	1336 8105	brace	S	1336 7636	actuating slide, stamped 7
D	1336 7701	pivot arm	T	1336 7628	actuating slide, stamped 6
E	1341 7191	threaded shaft	U	1336 7610	actuating slide, stamped 5
F	1255 3152	clip	V	1336 7602	actuating slide, stamped 4
G	1326 0054	bellcrank	W	1336 6901	bellcrank, stamped 1
H	1341 8439	shaft	X	1336 6919	bellcrank, stamped 2
I	1341 7787	spring	Y	1336 6927	bellcrank, stamped 3
J	1010 0360	nut, use 1341 8272 screw	Z	1336 6935	bellcrank, stamped 4
K	1336 7685	guide post	AA	1336 6943	bellcrank, stamped 5
L	1336 7578	actuating slide, stamped 1	AB	1336 6950	bellcrank, stamped 6
M	1336 7586	actuating slide, stamped 2	AC	1336 6968	code link
N	1336 7594	actuating slide, stamped 3	AD	1028 8686	set collar, includes 1028 8769 screw
O	1339 2444	spacer	AE	1017 1494	spring
P	1010 0360	nut			

TYPEWRITER KEYBOARD - COMPLETE ASSEMBLIES (PLATE VI-16)



PART NUMBERS (PLATE VI-16)

1502 7998	complete keyboard assembly, after F158755P	A	1335 0459	bellcrank
1336 3783	complete keyboard assembly, before F158756P and after F110352P	B	1335 0442	brace
1336 3759	complete keyboard assembly, before F110353P	C	1300 1433	clip
		D	1010 0212	clip

PART NUMBERS CONTINUED ON NEXT PAGE

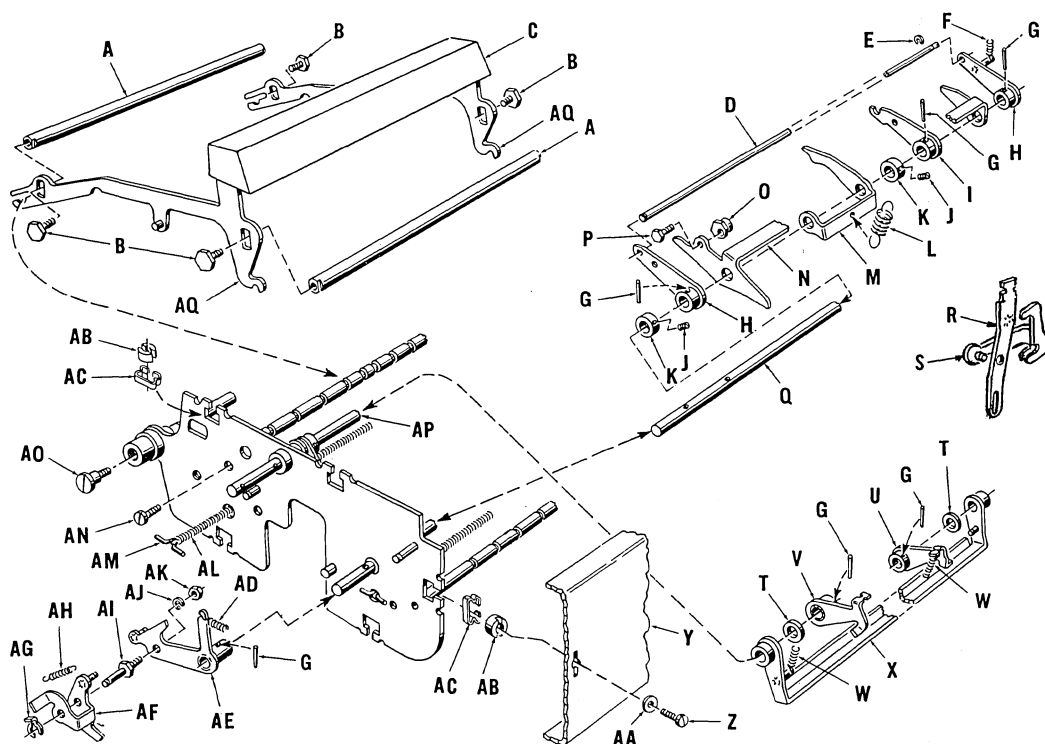
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PART NUMBERS (PLATE VI-16) CONTINUED

E	1028 8645	turnbuckle	AI	1502 3427	latch
F	1336 7008	wire link, includes E and 1010 0485 nut	AJ	1026 9777	spring
G	1026 9751	spring	AK	1010 4610	screw
H	1027 6392	spring	AL	1336 3528	post
I	1522 6780	bail, for all styles except F1404	AM	1015 2239	spring, used with AP
	1336 7461	bail, for style F1404		1026 9900	spring, used with AQ
J	1010 0220	clip	AN	1026 6351	spring anchor
K	1336 7420	threaded shaft	AO	1255 3152	clip
L	1010 8991	screw	AP	1502 3369	bail
M	1336 6240	keylever arm, used in positions 63 and 64, includes O	AQ	1336 6778	bail, for all series except F 1423
N	1336 3585	keylever, used in position 60, includes O		1502 2460	bail, for F 1423
O	1336 6224	pawl	AR	1502 3450	turnbuckle, used with AP
P	1336 3569	keylever, used in positions 61 and 62, includes O		1028 8645	turnbuckle, used with AQ
Q	1256 7434	lockwasher	AS	1255 3129	clip
R	1010 0386	nut	AT	1340 9768	spring
S	1012 0319	spring	AU	1502 3468	wire link, used with AP
T	1336 3668	right keyboard plate, after F81261P		1336 7008	wire link, used with AQ
	1336 3627	right keyboard plate, before F81262P			includes 1028 8645 turnbuckle
U	1522 6426	slotted shaft	AV	1502 3443	eccentric
V	1336 3601	keylever, used in rows 3 and 4	AW	1027 3282	spacer
W	1336 7354	lever, before F158756P	AX	1026 6245	spring anchor
	1502 7659	lever, after F158755P	AY	1336 3643	left keyboard plate, after F77379P
	1336 7362	lever, with riveted projection		1336 3635	left keyboard plate, before F77380P
X	1336 9780	back space keytop	AZ	1336 6125	cycle bail shaft assembly
Y	1010 0238	clip	BA	1522 6418	slotted shaft
Z	-- --	included in AZ	BB	1336 6802	shift key arm, after F137513P
AB	1010 5625	pin, included in AZ		1336 6786	shift key arm, before F137514P
AC	1048 0044	collar	BC	1336 3619	keylever, used in position 65 after F110352P
AD	-- --	included in AZ		1336 3593	keylever, used in position 65 before F110353P
AE	1340 1831	eccentric screw	BD	1336 3544	keylever, used in rows 1 and 2 except positions 60, 61 and 62
AF	1010 0360	nut	BE	1010 8991	screw
AG	1017 9778	eccentric	BF	1335 0475	shaft
AH	1502 3401	bracket			

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TYPEWRITER KEYBOARD - SPACE BAR AND TRIP SHAFT (PLATE VI-17)

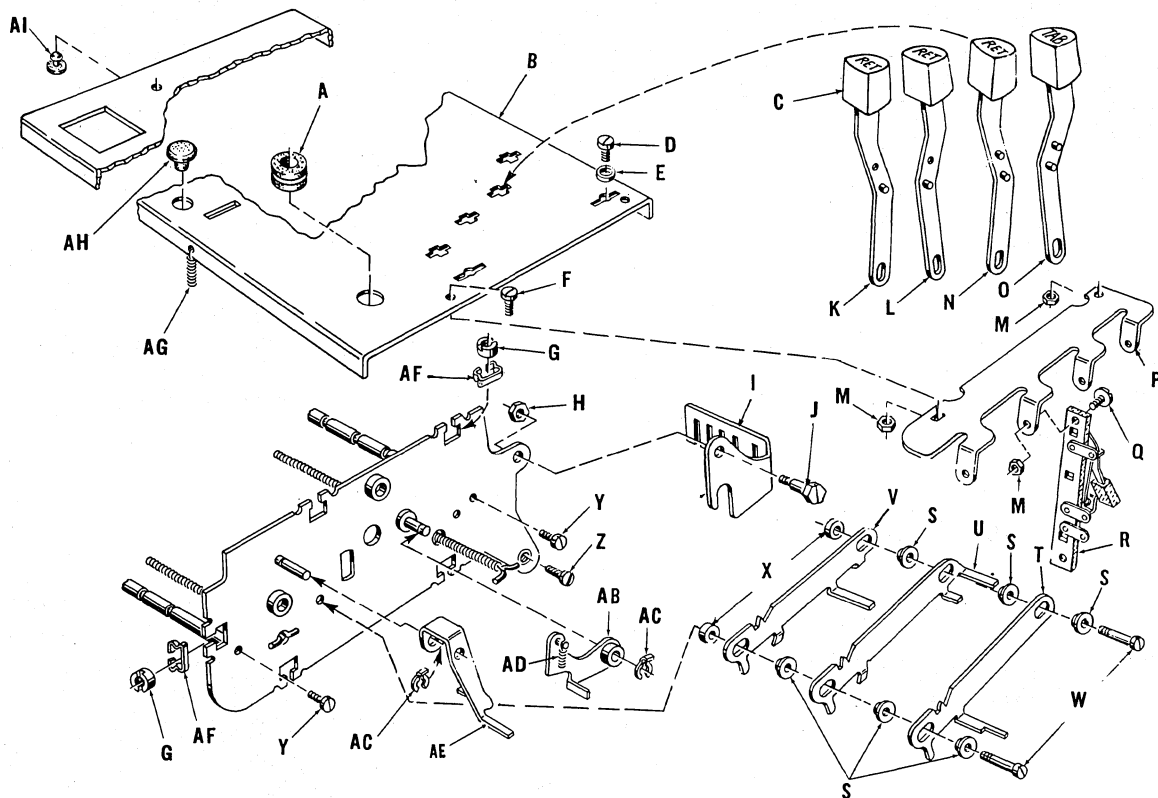


PART NUMBERS (PLATE VI-17)

A	1336 6323	tie bar	U	-- --	included in AP
B	1011 0146	screw	V	-- --	included in AP
C	1336 6257	plastic space bar	W	1026 9884	spring
D	1336 3833	shaft, after F137513P	X	1336 6083	bail
	1336 3825	shaft, before F137514P	Y	1336 8147	keyboard support plate
E	1255 3103	clip	Z	1012 0178	screw
F	1027 2748	spring	AA	1010 4743	washer
G	1010 5625	pin	AB	1011 9824	slotted nut
H	-- --	included in Q	AC	1011 3538	retaining clip
I	-- --	included in Q	AD	1044 3026	spring
J	1010 9700	setscrew	AE	-- --	included in Q
K	1025 8465	set collar	AF	1336 8519	switch trip toggle
L	1341 0469	spring	AG	1010 0212	clip
M	1336 6893	bail	AH	1013 9350	spring
N	1336 6885	bail	AI	1339 1313	repair post
O	1340 2193	hex eccentric	AJ	1256 7426	lockwasher
P	1340 5204	hex head screw	AK	1256 5206	nut
Q	1336 6067	trip shaft assembly, after F77379P, includes G, H, I, J, K, M, N, AE	AL	1012 0319	spring
	1336 6034	trip shaft assembly, before F77380P	AM	1026 6245	spring anchor
R	1502 9879	keystem, after F164286P (for mechanical shift key interlock)	AN	1010 9601	screw
	1336 8295	keystem, before F164287P (for electrical shift key interlock)	AO	1341 5591	screw
S	1502 9853	shift key interlock, after F164286P	AP	1336 6125	cycle bail shaft, after F77379P, includes G, T, U, V
T	1010 4545	spacer		1336 6109	cycle bail shaft, before F77380P
			AQ	1336 6265	lever

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TYPEWRITER KEYBOARD - TAB AND RETURN KEYS (PLATE VI-18)



PART NUMBERS (PLATE VI-18)

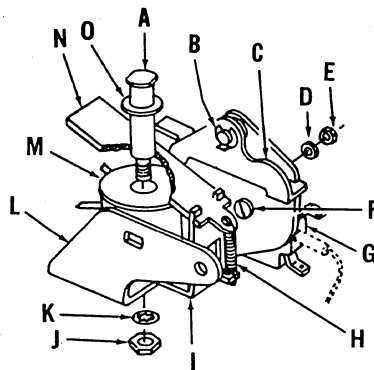
NOTE: Refer to PLATE VI-13 for row or position reference.

A	1341 9106	grommet	O	1336 8329	keystem, used in position 64
B	1336 3767	keyboard top plate	P	1336 6828	switch bracket
C	-- --	refer to KEYTOP CHART PLATE VI-13	Q	1010 8983	screw
D	1012 0178	screw	R	1336 6836	switch
E	1010 4743	washer	S	1010 7399	shoulder collar
F	1017 2880	screw	T	1336 6638	trip slide
G	1011 9824	slotted nut	U	1336 6646	trip slide
H	1256 5263	nut	V	1336 6653	trip slide
I	1336 8782	guide	W	1343 0095	screw, use 1256 7434 lockwasher, 1010 0386 nut
J	1340 4223	screw, after F131191P	X	1337 6819	roller
		Use 1340 4223 screw, 1336 8782 guide, before F131192P and after F81261P	Y	1010 4610	screw
		Use 1018 0222 screw before F81262P	Z	1018 0222	screw
K	1336 8295	keystem, used in rows 1 and 3 except position 63	AB	1336 6661	latching arm
L	1336 8303	keystem, used in rows 2 and 4 except position 64	AC	1010 0220	clip
M	1010 0386	nut	AD	1027 2748	spring
N	1336 8311	keystem, used in position 63	AE	1336 6612	trip arm
			AF	1011 3538	retaining clip
			AG	1027 6319	spring
			AH	1341 6201	rubber bumper
			AI	1341 7753	rubber bumper

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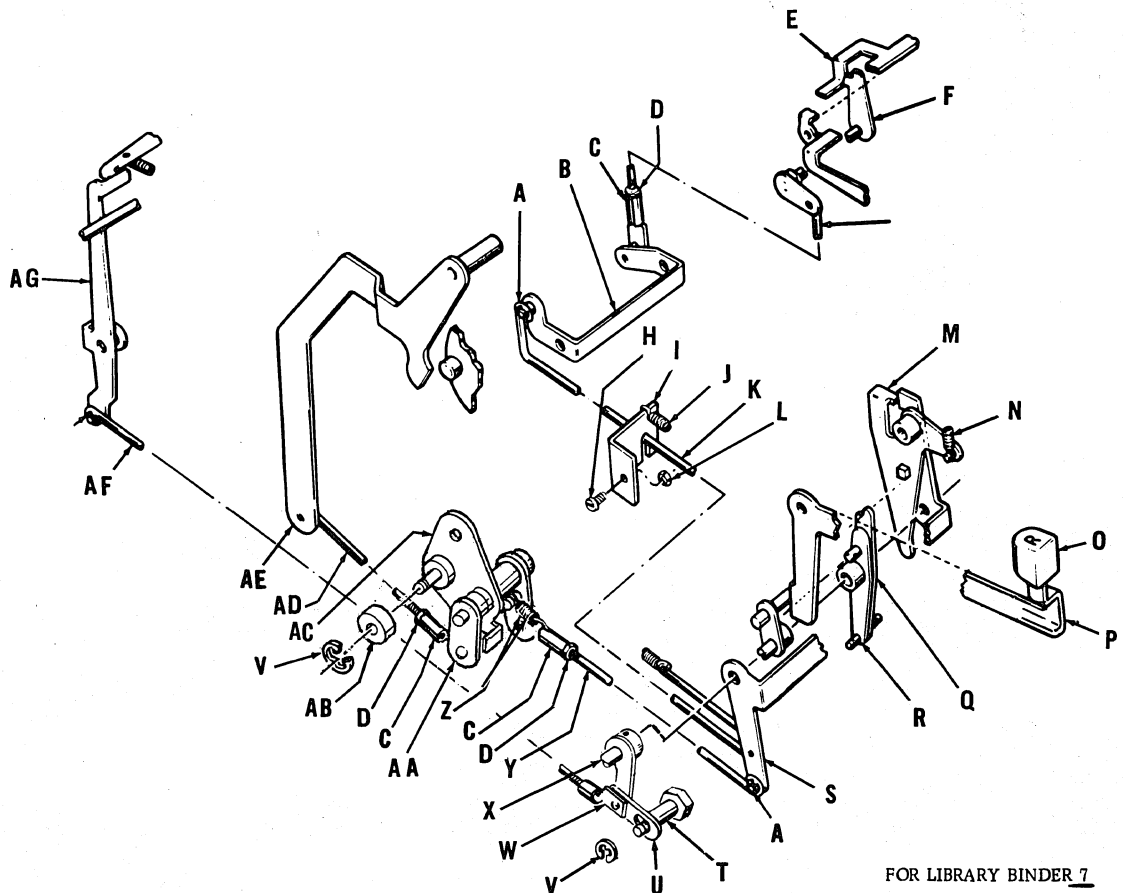
TYPEWRITER KEYBOARD DRIVE TRIP SOLENOID (PLATE VI-19)

PART NUMBERS (PLATE VI-19)



1326 2936	complete assembled drive trip solenoid, includes A thru O
A	1340 8307 solenoid core
B	1010 0212 clip
C	1336 8501 switch actuator
D	1256 7400 lockwasher
E	1256 5180 nut
F	1256 0173 screw, use 1010 0212 clip with rear screw
G	1343 1143 switch
H	1027 6210 spring
I	1325 5377 solenoid bracket
J	1256 5248 nut
K	1256 7723 lockwasher
L	1326 2928 solenoid mounting bracket
M	1340 7929 solenoid
N	1325 5492 solenoid clapper
O	1010 4149 washer

✓ REVERSE ENTRY MECHANISM - BOX WRITER (PLATE VI-20)



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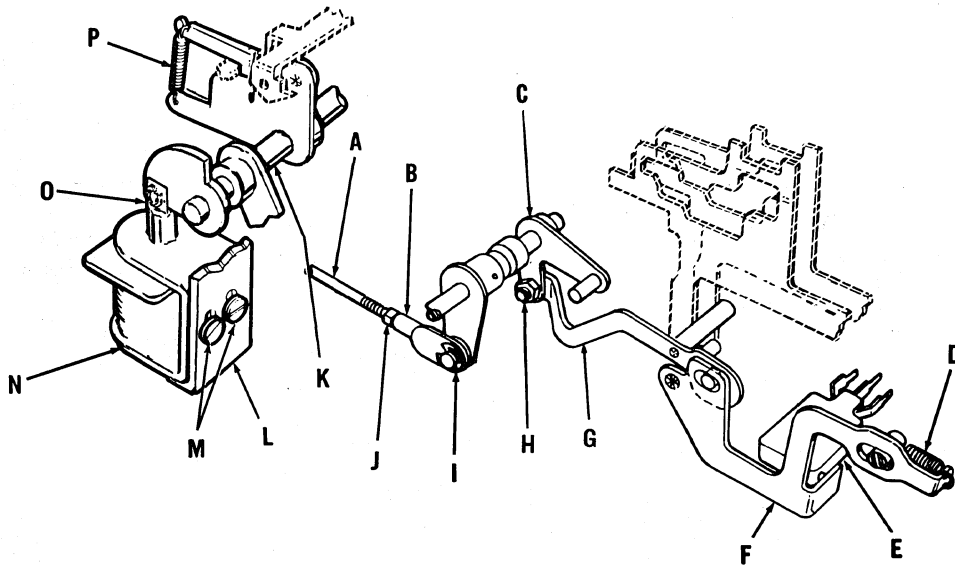
PART NUMBERS ON NEXT PAGE

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PART NUMBERS (PLATE V1-20)

A	1255 3129	clip	Q	1502 7691	trip pawl, use 1255 3152 clip
B	1502 7774	bail, use 1502 7782 bracket, 1010 8983 screw	R	1502 7667	arm, use 1026 9298 spring
C	1028 8645	turnbuckle	S	1502 7725	latching bail, use 1010 0220 clip
D	1010 0485	nut	T	1502 9416	eccentric post
E	1502 7584	interlock, use 1027 6392 spring	U	1502 9408	link
F	1502 7733	latch shaft assembly	V	1255 3152	clip
G	1502 7790	wire link, use 1255 3129 clip	W	1028 8652	turnbuckle, use 1010 0485 nut
H	1010 9981	screw	X	1502 8012	back space shaft assembly
I	1502 8079	bracket	Y	1502 7816	wire link
J	1027 6921	spring	Z	1304 2957	spring
K	1505 5247	wire link, use 1027 7564 spring	AA	1502 7824	shaft assembly, includes AC
L	1256 5230	nut, use 1256 7715 lockwasher	AB	1502 8095	roller
M	1502 7618	latch assembly	AC	-- --	included in AA
N	1027 2946	spring	AD	1502 7816	wire link, use 1010 0147 clip
O	1502 8996	keytop	AE	1502 7873	reset arm
P	1502 7642	keylever	AF	1336 7016	wire link, includes D, W
			AG	1326 0187	bellcrank

✓ REVERSE ENTRY AND BACK SPACE - BALL PRINTER (PLATE VI-20-1)

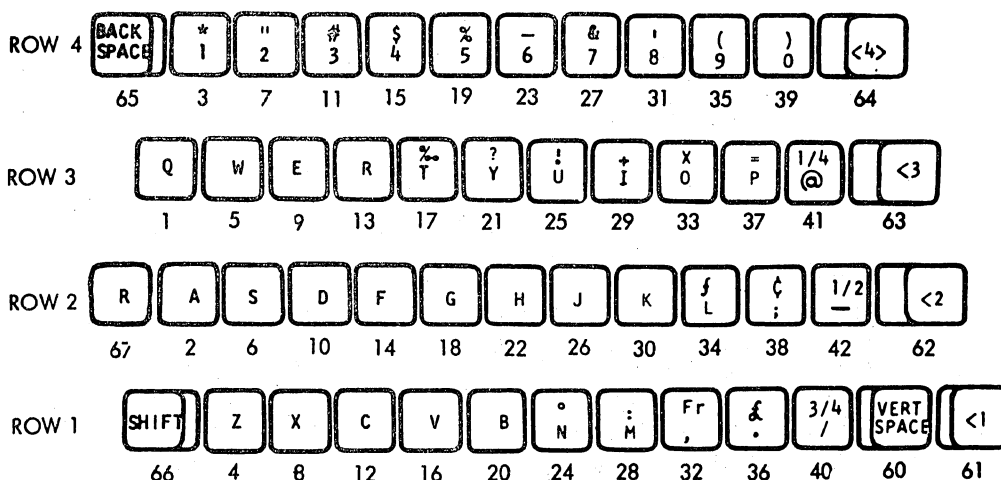


PART NUMBERS (PLATE VI-20-1)

A	1336 7016	wire link	I	1255 3145	clip
B	1028 8652	turnbuckle	J	1010 0485	nut
C	1504 1007	back space shaft assembly	K	1504 9612	shaft assembly
D	1504 5370	spring	L	1533 4725	bracket
E	1341 1780	switch, use 1256 0157 screw, 1256 5180 nut	M	1504 9695	screw
F	1504 9596	link	N	1504 4514	solenoid
G	1504 1239	link	O	1504 3896	plunger, use 1504 3904 pin
H	1017 1833	screw, use 1010 0386 nut	P	1026 9868	spring

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KEYTOPS, KEYLEVERS AND INTERPOSERS (PLATE VI-21)

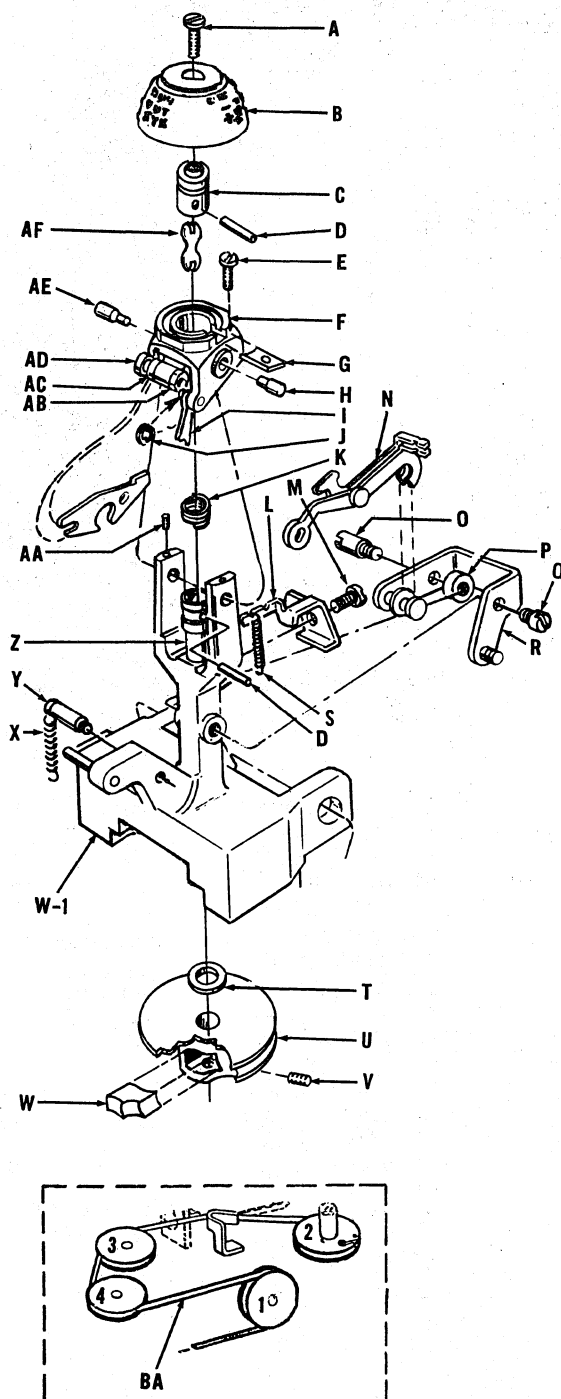


PART NUMBERS (PLATE VI-21)

KEYBOARD POSITION	KEYTOP MARKING	KEYTOP	KEYLEVER	INTERPOSER	KEYBOARD POSITION	KEYTOP MARKING	KEYTOP	KEYLEVER	INTERPOSER
0		1504 3540	1504 1015	1504 5461	27	& 7	1504 6410	1504 2963	1504 5925
1	Q	1504 7574	1504 2971	1504 5750	28	: M	1504 6428	1504 2997	1504 5602
2	A	1504 7582	1504 2989	1504 5644	29	+ I	1504 6436	1504 2971	1504 5826
3	*	1504 6311	1504 2963	1504 5867	30	K	1504 7731	1504 2989	1504 8721
4	Z	1504 7590	1504 2997	1504 5545	31	' 8	1504 6444	1504 2963	1504 5933
5	W	1504 7608	1504 2971	1504 5768	32	fr ,	1504 6626	1504 2997	1504 5610
6	S	1504 7616	1504 2989	1504 5651	33	X O	1504 6469	1504 2971	1504 5834
7	"	1504 6329	1504 2963	1504 5875	34	f L	1504 6659	1504 2989	1504 8739
8	X	1504 7624	1504 2997	1504 5552	35	(9	1504 6485	1504 2963	1504 8747
9	E	1504 7632	1504 2971	1504 5776	36	£ .	1504 6493	1504 2997	1504 5628
10	D	1504 7640	1504 2989	1504 8663	37	= P	1504 6501	1504 2971	1504 5842
11	#	1504 6337	1504 2963	1504 5883	38	¢ :	1504 6519	1504 2989	1504 5735
12	C	1504 7657	1504 2997	1504 5560	39	) 0	1504 6527	1504 2963	1504 5958
13	R	1504 7665	1504 2971	1504 5784	40	3/4 /	1504 6535	1504 2997	1504 5636
14	F	1504 7673	1504 2989	1504 5677	41	1/4 @	1504 6543	1504 2971	1504 5859
15	\$	1504 6345	1504 2963	1504 8671	42	1/2 -	1504 6550	1504 2989	1504 8754
16	V	1504 7681	1504 2997	1504 5578	60	VERT SPACE	1504 3748	1504 3722	
17	% T	1504 6352	1504 2971	1504 5792	61	<1>	1504 3813	1504 3722	1504 5503
18	G	1504 7699	1504 2989	1504 5685	62	<2>	1504 3755	1504 3714	1504 5495
19	% 5	1504 6360	1504 2963	1504 5909	63	<3>	1504 5982	1504 6253	1504 5487
20	B	1504 7707	1504 2997	1504 5586	64	<4>	1504 3821	1504 3680	1504 5479
21	? Y	1504 6378	1504 2971	1504 8689	65	BACK SPACE	1504 3730	1504 2963	1504 3656
22	H	1504 7715	1504 2989	1504 8697	66	SHIFT	1504 3649	1504 3623	
23	- 6	1504 6386	1504 2963	1504 5917	67	R	1504 8937	1504 2989	1504 3656
24	° N	1504 6394	1504 2997	1504 5594					
25	! U	1504 6402	1504 2971	1504 8705					
26	J	1504 7723	1504 2989	1504 8713					

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PRINT HEAD ASSEMBLY (PLATE VI-22)

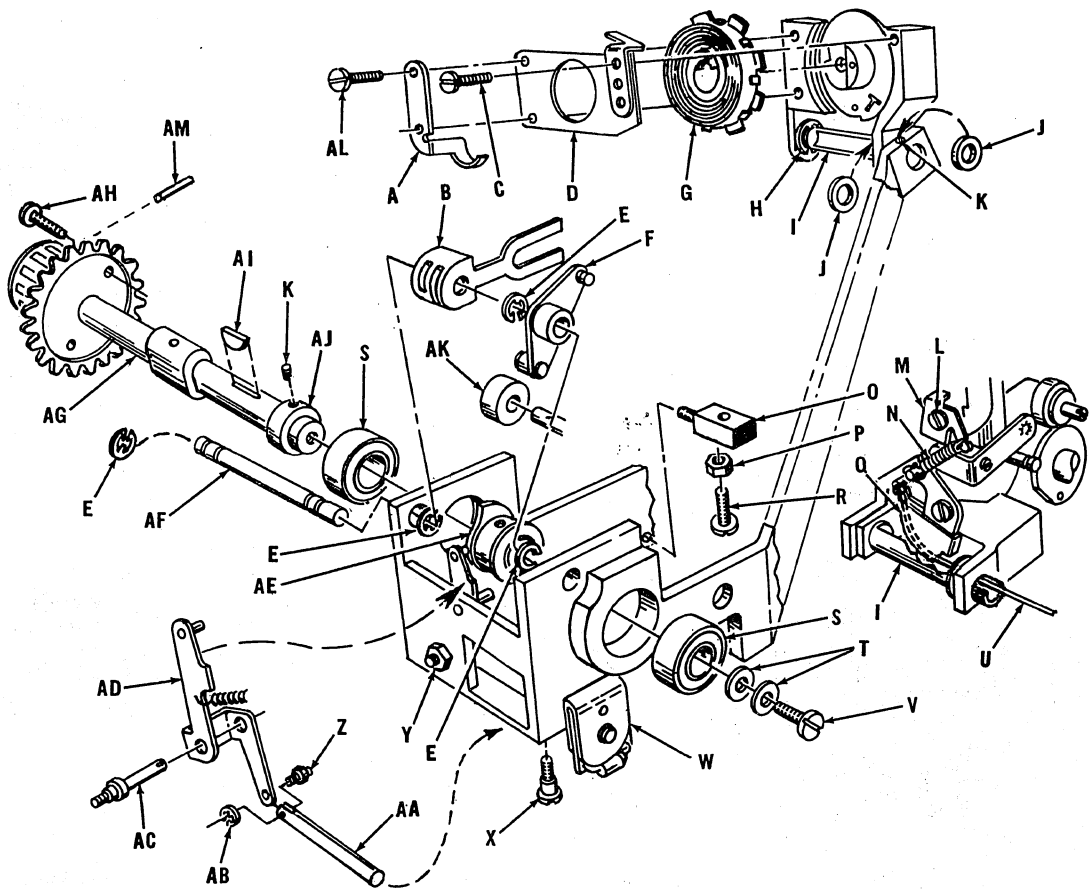


PART NUMBERS (PLATE VI-22)

✓	1504 4480	Complete Print Head Assembly including Print Head Base Assy.
✓ A	1013 2918	screw, use 1196 7858 lockwasher
B	1504 8978	print head
C	1504 4373	hub
D	1470 1288	pin
E	1256 0116	screw
F	1504 4027	cradle
G	1470 1320	key
H	1504 4043	pivot stud
I	1504 3920	tilt link
J	1255 3103	clip
K	1471 8332	compression ring
L	1504 4365	spring anchor
M	1256 0835	screw
N	1504 4332	detent assembly
O	1504 3953	pivot screw
P	1337 6124	spacer
Q	1504 3961	pivot screw
R	1504 4126	bellcrank
S	1470 1353	spring
T	1337 1109	washer
✓ U	1504 0462	tape pulley after serial F201817P, Use 1504 0462 pulley and 1504 0470 wedge before serial F201818P
V	1255 7690	setscrew
✓ W	1504 0470	wedge after serial F201817P, use 1504 0470 wedge and 1504 0462 tape pulley before serial F201818P
✓ W-1	1504 3912	yoke casting
X	1027 2953	spring
Y	1013 8352	spring screw stud
Z	1504 3946	shaft
✓ AA	1255 7526	setscrew
AB	1010 0477	nut
AC	1504 4316	detent
AD	1504 3938	screw
AE	1504 4050	pivot stud
AF	1470 1296	universal joint
BA	1504 9893	rotate tape

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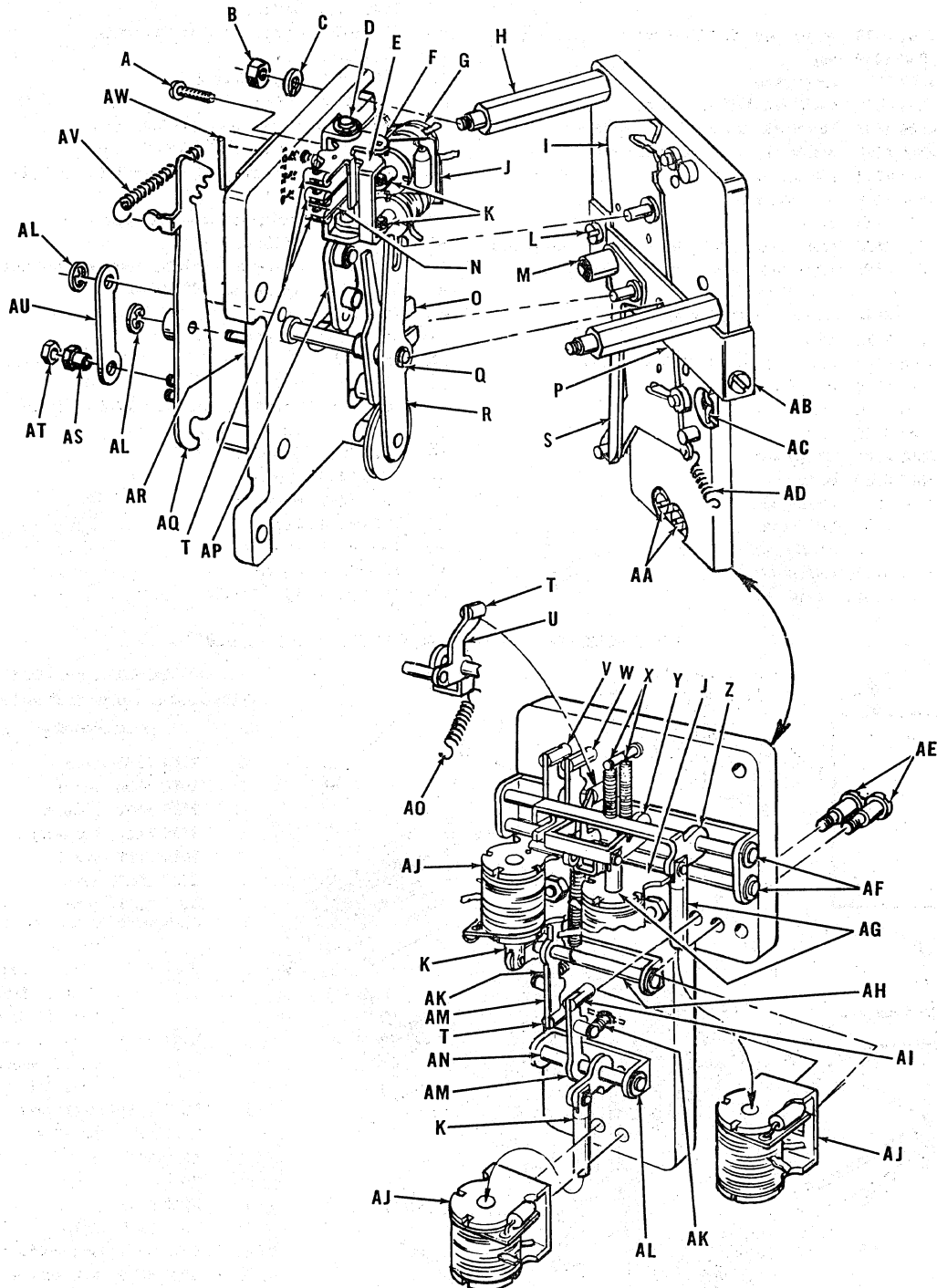
PRINT HEAD BASE ASSEMBLY (PLATE VI-23)



PART NUMBERS (PLATE VI-23)

✓ A	1504 4019	tape guide	U	1504 9919	tilt tape
✓ B	1504 4241	non-print arm	V	1504 9570	screw
✓ C	1256 0231	screw	✓ W	1504 4266	non-print solenoid, use 1504 0249 coil
D	1504 3995	cover	X	1011 2548	screw
E	1255 3152	clip	Y	1338 7360	nut
✓ F	1504 4159	cam follower, use 1504 4142 link, 1255 3145 clip	Z	1504 3904	pin
G	1531 6318	spring assembly	AA	1504 3896	plunger
H	1255 3186	clip	AB	1504 5354	clip
I	1504 3847	pivot shaft	AC	1504 4274	post
J	1522 3027	spacer	AD	1504 4217	bellcrank
K	1255 7807	setscrew	AE	1504 4183	print cam, use 1255 7807 setscrew
L	1256 0835	screw	AF	1504 4282	shaft
M	1504 4365	spring anchor	AG	1504 9554	shaft assembly
N	1504 4472	spring	✓ AH	1257 2871	screw, use 1256 7459 lockwasher, 1256 8010 plain washer
O	1504 4209	limit	AI	1319 8353	key
P	1256 5263	nut	AJ	1025 5891	collar
Q	1504 4076	tape guide and anchor, use 1504 4399 screw	✓ AK	1504 4233	cam roller
R	1025 5545	screw	✓ AL	1256 0702	screw
S	1255 0034	bearing	✓ AM	1256 8929	pin
T	1504 9588	spacer			

DECODER (PLATE VI-24)



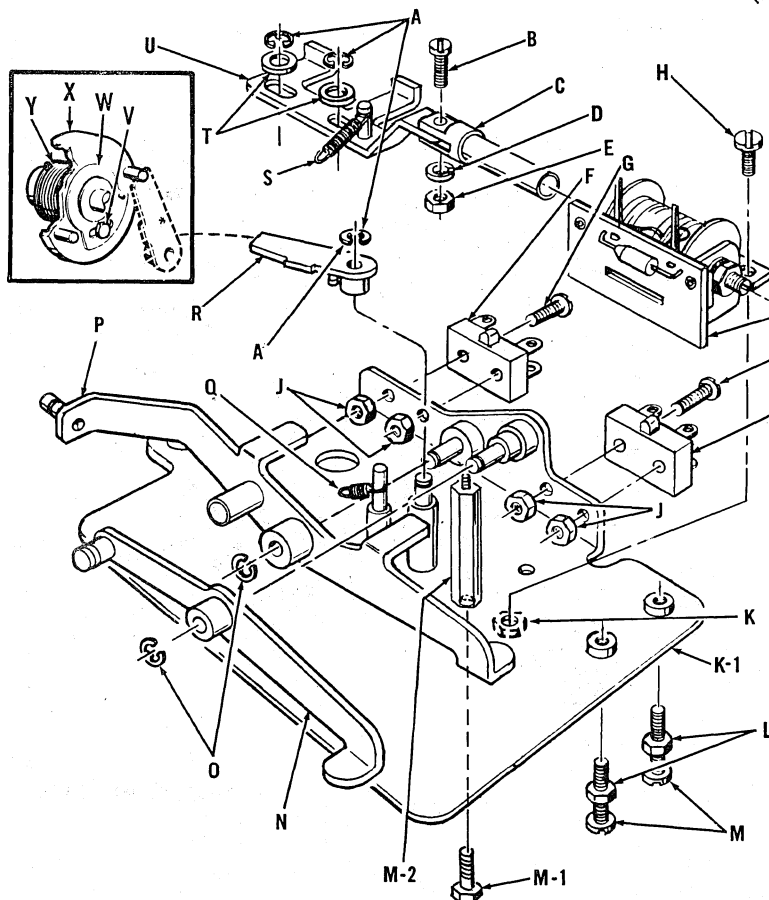
PART NUMBERS ON NEXT PAGE

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PART NUMBERS (PLATE VI-24)

	1504 4498	complete decoder assembly	Y	1504 4555	bellcrank
			Z	1504 4548	bellcrank
A	1504 4670	screw, use 1256 5248 nut	AA	15044670	screw, use 1338 7360 nuts
B	1256 5289	nut	AB	1304 2767	screw
C	1337 2172	lockwasher	AC	1026 6245	spring anchor
D	1504 4613	shaft, use 1255 3145 clip	AD	1027 2854	spring
E	1504 4803	bellcrank, use 1026 9751 spring	AE	1504 4662	screw, use 1338 7360 nuts
F	1504 4795	bellcrank, use 1026 9736 spring	AF	1504 4605	shaft, use 1255 3145 clip
G	1504 4514	solenoid assembly, includes 1504 4449 coil	AG	1504 4530	solenoid plunger, use 1504 3904 pin, 1504 5354 clip
H	1504 5156	hexagon shaft	AH	1504 4613	shaft, use 1255 3145 clip
I	1504 5115	plate	AI	1504 4654	coding pin
J	1504 4829	solenoid assembly, includes 1504 4449 coil	AJ	1504 4811	solenoid assembly, includes 1504 4449 coil
K	1504 3896	solenoid plunger, use 1504 3904 pin, 1504 5354 clip	AK	1340 9081	spring, use 1026 6245
L	1010 5674	screw, use 1256 5230 nut	AL	1255 3145	clip
M	1255 3152	clip	AM	1504 4738	bellcrank
N	1504 4787	bellcrank, use 1026 9751 spring	AN	1504 4621	shaft
O	1504 4712	cam follower	AO	1026 1477	spring
P	1504 5172	guide plate	AP	1504 4753	cam follower, use 1504 5248 spacer, 1255 3145 clip
Q	1255 3145	clip	AQ	1504 5255	detent arm
R	1504 4704	pulley arm	✓AR	1504 5149	side plate
S	1504 5180	lever	AS	1342 7497	eccentric
T	1504 4639	coding pin	AT	1010 0436	nut
U	1504 4563	bellcrank	AU	1504 4761	link
V	1504 4647	coding pin	AV	1504 5347	spring
W	1504 5222	coding pin	AW	1504 5339	spring anchor
X	1340 9354	spring			

SHIFT SOLENOID AND MOUNTING PLATE (PLATE VI-25)


 PART NUMBERS (PLATE VI-25)
 1504 9364 complete shift and solenoid
 plate assembly

A	1255 3145	clip
B	1010 5674	screw
C	1510 4540	plunger
D	1256 7434	lockwasher
E	1010 0386	nut
F	1341 1921	switch
G	1256 0165	screw
H	1316 5089	screw, use 1010 4966 spacer
I	1504 9356	solenoid assembly, F9000, F8100, includes 1326 1565 coil
	1504 8523	solenoid assembly, E4000, E8000, includes 1511 9118 coil
J	1256 5180	nut (shown)
	1504 0256	nut plate
K	1256 5248	nut
✓K-1	1504 4910	plate
✓L	1256 5263	nut
M	1504 6113	screw
✓M-1	1340 5501	hex head screw
✓M-2	1504 6030	hex standoff
N	1504 4936	back up arm
O	1255 3152	clip
P	1504 6089	shift arm
Q	1044 1939	spring
R	1504 4878	latching arm
S	1010 7910	spring
T	1307 0255	spacer

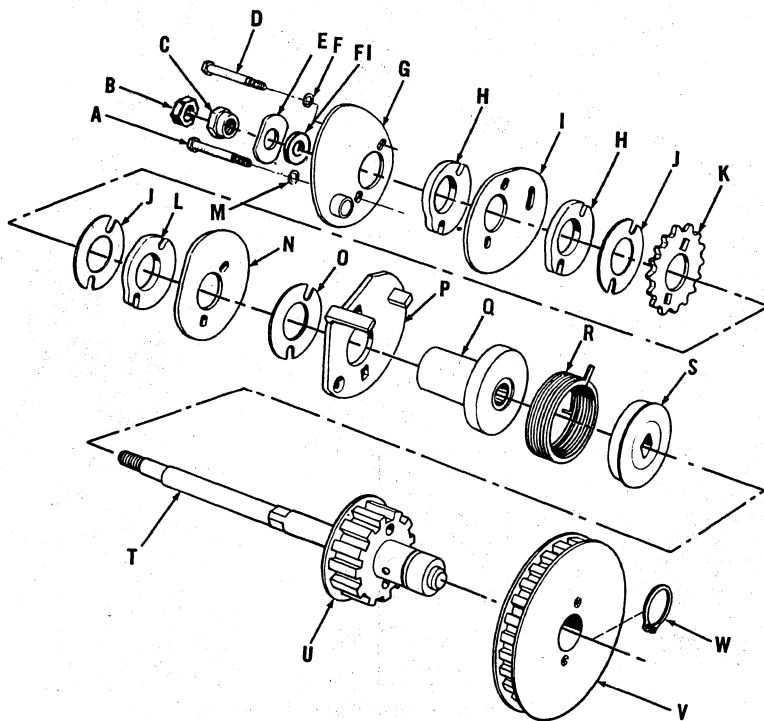
PART NUMBERS CONTINUED ON NEXT PAGE

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PART NUMBERS (PLATE VI-25) CONTINUED

U	1504 4902	clutch detent
V	1301 0251	screw
W	1504 8259	adjustment disk
X	1504 6196	shift cam
Y	1504 6170	spring

TYPEWRITER CAMSHAFT (PLATE VI-26)

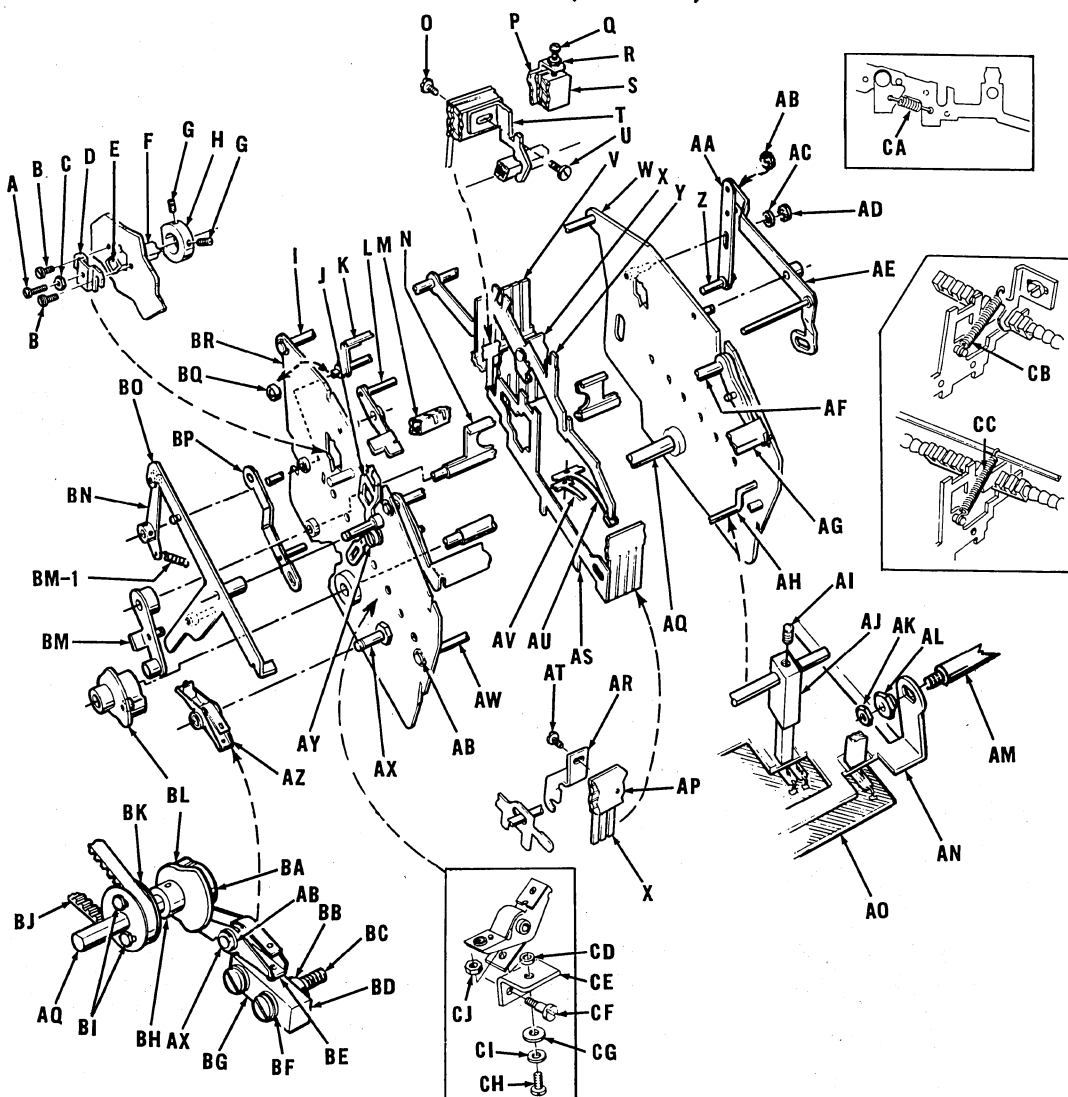


PART NUMBERS (PLATE VI-26)

✓	1504 2377	spring cam and clutch assembly, all ball printers, includes A, C, F thru Q
A	1341 8256	screw
B	1311 5696	nut
✓	C	1502 5091 nut
D	1341 8264	screw
E	1341 7803	washer
✓	F	1010 9858 washer
F-1	1024 9431	spacer
G	1504 2245	cam
H	1336 7859	spacer
I	1336 7875	cam
J	1504 2450	spacer
K	1504 2260	sprocket
L	1336 7834	spacer
M	1337 1109	washer
N	1523 5880	cam
O	1504 2385	spacer
P	1504 2401	cam
Q	1504 2302	clutch arbor
✓	R	1504 2252 main drive clutch spring, all ball printers
✓	S	1504 2294 clutch disk, all ball printers
T	1504 9943	camshaft, includes U
U	-- --	included in T
V	1338 6909	pulley
W	1256 9299	retaining ring

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✓ TYPEWRITER KEYBOARD (PLATE VI-27)



PART NUMBERS (PLATE VI-27)

A	1256 0496	screw	R	1256 5206	nut
B	1256 0827	screw	S	1504 3078	rear support bar
C	1256 5214	nut	T	1504 3128	bracket
D	1504 3789	adjustment bracket	U	1316 5089	shoulder screw
E	1504 3201	limit plug		1256 0850	pan head screw
F	1504 3177	interposer tube	V	1504 3151	guide comb
G	1255 7724	setscrew	W	1504 2930	right side plate
H	1504 3805	collar	X	1504 3060	guide comb
I	1504 1098	shaft	Y	-- --	refer to KEYTOPS, KEYLEVERS AND INTERPOSERS
J	1504 3607	latch	Z	1504 3565	eccentric stud, use 1010 0386 nut
K	1504 1031	drive trip ball	AA	1504 3771	link
L	1504 3581	switch arm, use 1341 1996 switch, 1337 8211 washer, 1255 3145 clip	AB	1255 3152	clip
M	1504 3193	steel ball	AC	1337 8211	washer
N	1504 3326	interposer drive shaft	AD	1255 3145	clip
O	1257 2871	screw	AE	1504 1072	actuating arm
P	1504 3086	interposer leaf spring assembly	AF	1504 1098	shaft, use 1255 3152 clips
Q	1256 0363	adjusting screw, end positions, use 1256 0850 screw at other positions	AG	1504 1023	space bar bail assembly

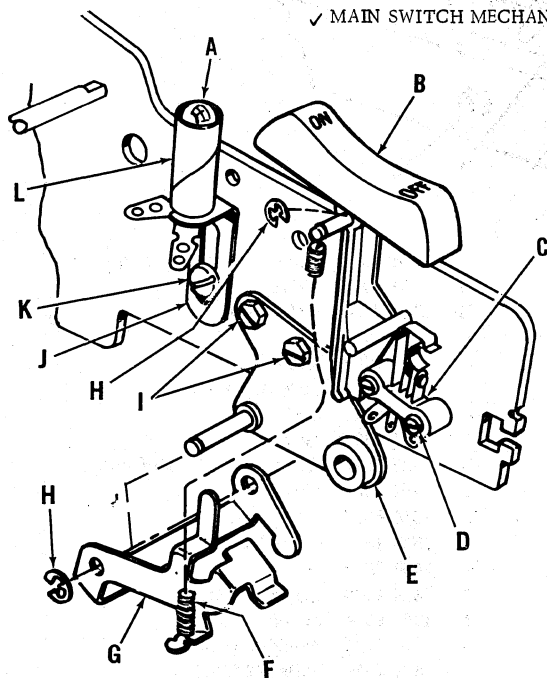
PART NUMBERS CONTINUED ON NEXT PAGE

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PART NUMBERS (PLATE VI-27) CONTINUED

AH	1504 3284	coding shaft, use 1504 3318 torsion restoring spring	BA	1504 3383	timing cam
AI	1255 8078	setscrew, included in AJ	BB	1028 8736	spacer
AJ	1504 5040	magnet, includes AI	BC	1504 3268	screw, use 1010 6011 spacer, 1010 0402 nut
AH	1504 3284	coding shaft	BD	1333 3117	phenolic strip
AI	1255 7807	setscrew	BE	1341 3034	contact screw, use 1311 5670 nut
AJ	1504 5040	magnet	BF	1337 8179	phenolic spacer
AK	1010 0337	nut	BG	1333 3125	block
AL	1306 7830	eccentric	BH	1025 6832	set collar, use 1255 7807 setscrew
AM	1528 0472	threaded post, use 1010 6128 screws on left side	BI	1340 5808	screw
AN	1504 8895	mounting bracket	BJ	1504 2567	timing belt
AO	1504 0538	reed switch card, F9000, F8100 without PA after serial F198560P, includes 1511 2584 reed switches. Use 1531 6276 reed switch card before F198559P.	BK	1504 2682	pulley
	1504 0546	reed switch card, F9000, F8100PA, includes (12) 1511 2584 reed switches and (1) 1531 5245 reed switch, use 1311 5746 nuts	BL	1504 3391	interposer drive cam
	1531 6276	reed switch card, E4000, E8000, includes 1511 2584 reed switches, use 1311 5746 nuts	BM	-- --	included in N
AP	1504 1056	support bar	BM-1	1030 6314	spring
AQ	1504 1155	camshaft	BN	1504 3482	latch arm, use 1255 7807 setscrew
AR	1504 1163	bracket	BO	1504 3425	actuating arm, use 1341 1780 switch
AS	-- --	refer to KEYTOPS, KEYLEVERS AND INTERPOSERS	BP	1504 1239	backspace link use 1024 7484 eccentric screw
AT	1504 3227	shoulder screw, use 1256 0835 screw for end holes	BQ	1010 7068	washer
AU	1504 5420	keylever restoring spring, right	BR	1504 1130	left side plate
	1504 5412	keylever restoring spring, left	AG	1504 1023	space bar bail assembly, use 1044 1939 spring
AV	1504 5404	keylever backup spring, right	CA	1010 7902	spring, on keylever for row 3 and 4
	1504 5396	keylever backup spring, left		1024 5470	spring, on keylevers for row 1, 2, and spacebar
AW	1504 1064	shaft	CB	1504 5370	spring, interposer to bracket
AX	1504 3250	post, use 1256 7434 lockwasher, 1010 0386 nut	CC	1504 5388	spring, interposer to shaft
AY	1504 3557	shoulder screw, use 1504 3615 spacer	CD	1337 8229	nylon insulator
AZ	1522 2573	switch	CE	1504 3243	bracket
			CF	1340 3860	screw, use 1256 5230 nut
			CG	1522 0577	phenolic washer
			CH	1256 0355	screw
			CI	1010 4552	washer
			CJ	1308 1005	nut

✓ MAIN SWITCH MECHANISM-BALL PRINTER (PLATE VI-28)



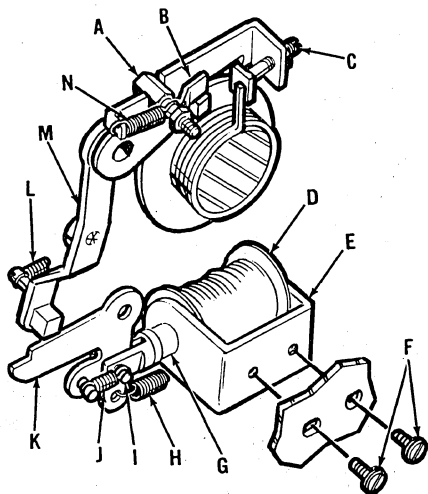
PART NUMBERS (PLATE VI-28)

A	1343 2745	lamp bulb
B	1528 3906	on-off switch actuator
C	1341 8314	power switch, use 1340 8513 insulating shield except for series E4000, E8000. Use 1511 2055 insulating shield for series E4000, E8000
D	1013 1845	screw, except series E4000, E8000
	1256 0785	screw, series E4000, E8000. Use 1010 0378 nut, 1510 9192 spacer, 1256 7715 lockwasher, 1256 8010 washer
E	1504 1254	support plate
F	1307 2996	spring, series E4000, E8000
	1026 9520	spring,
G	1528 3930	actuating bail
H	1255 3152	clip
I	1026 0917	screw, use 1010 0386 nut
J	1340 1278	lamp holder
K	1256 1098	screw, use 1256 8028 washer, 1256 5263 nut
L	1533 2208	paper tube

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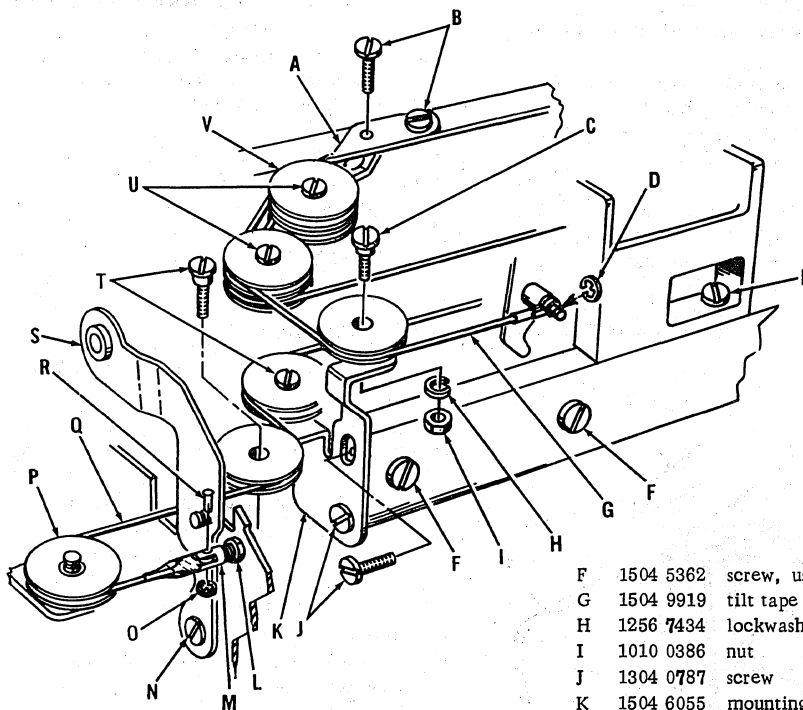
TYPEWRITER CLUTCH TRIP MECHANISM (PLATE VI-29)

PART NUMBERS (PLATE VI-29)



A	1504 8770	spring and limit stud, use 1256 7434 lock-washer, 1256 5230 nut
B	1504 8762	clutch limit arm, use 1255 3194 clip
C	1504 2591	limit screw, use 1010 0386 nut
D	1511 9118	coil, series F9000
	1326 1656	coil, series E4000
E	1326 2795	bracket
✓ F	1307 2996	spring, except series E4000, E8000
	1026 9520	spring, series E4000, E8000
G	1510 4540	plunger
H	1026 9520	spring
I	1510 4771	spring stud, use 1255 3145 clip
J	1026 9868	spring
K	1504 8846	bellcrank latch
L	1013 3148	spring
M	1504 8796	clutch stop
N	1035 2136	spring

TILT AND ROTATE TAPE PULLEYS (PLATE VI-30)

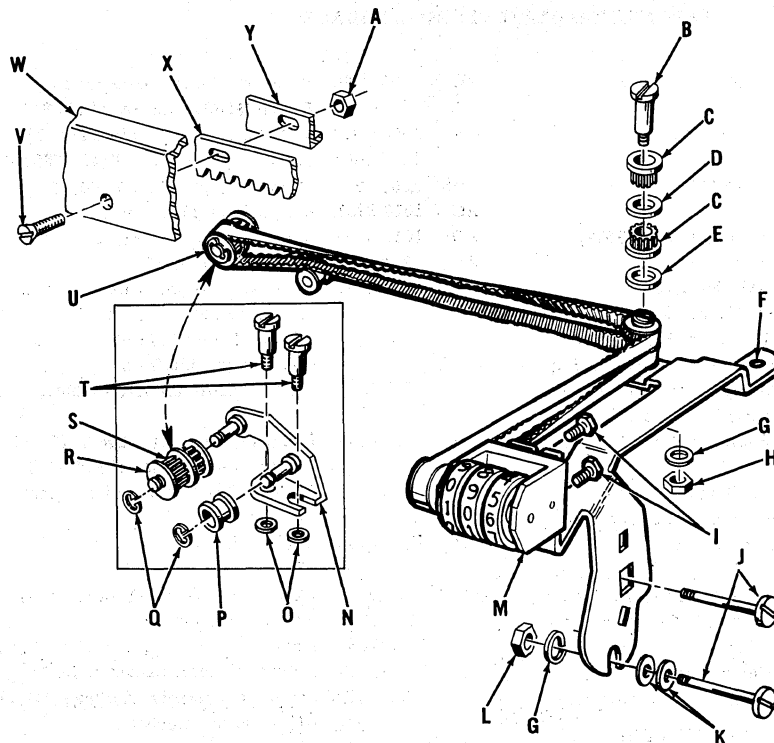


PART NUMBERS (PLATE VI-30)

A	1504 4845	mounting bracket
B	1316 4975	screw
C	1030 4335	eccentric screw
D	1255 3103	clip
E	1257 2996	screw, use 1256 7467 lockwasher. Use 1531 6359 hex head screws for attaching head assembly to rear support bar

F	1504 5362	screw, use 1002 7951 lock nut
G	1504 9919	tilt tape
H	1256 7434	lockwasher
I	1010 0386	nut
J	1304 0787	screw
K	1504 6055	mounting bracket
L	1010 0378	nut
M	1504 6071	clevis
N	1025 8689	screw, use 1010 0386 nut
O	1504 5354	clip
P	1504 6048	pulley
Q	1504 9893	rotate tape
R	1504 3904	pin
S	1504 2666	support bracket
T	1504 6014	shoulder screw
U	1504 6022	shoulder screw
V	1504 4688	pulley (7 used)

CARRIAGE POSITION INDICATOR - DIAL (PLATE VI-31)

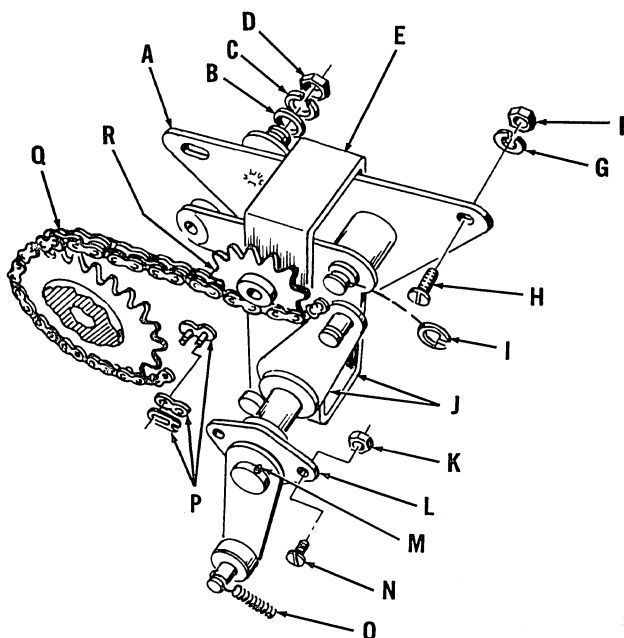


PART NUMBERS (PLATE VI-31)

A	1010 0469	nut, except series E4000, E8000	K	1337 5738	spacer	W	-- --	pressure roll shield, gray 227
	1528 9655	nut, series E4000, E8000	L	1303 0028	nut, except series F8100		1528 2940	series F9000, (18")
B	1528 9168	hex head screw		1256 5180	nut, series F8100		1528 2700	series F9000, F8111, F8126 (22")
C	1528 9127	pulley	M	1528 9069	dial assembly	✓	1528 9507	series E4000, E8000 (22")
D	1528 9143	nylon washer	N	1528 9184	bracket		1528 9515	style F8190, (22")
E	1010 8579	spacer	O	1337 1471	spacer	X	1528 9275	rack (18")
F	1533 5896	bracket	P	1528 9135	idler roller		1528 9226	rack (22")
G	1256 7715	lockwasher	Q	1255 3129	clip	✓ Y	1528 9267	support strip (18")
H	1010 0394	nut	R	1010 3943	washer		1528 9234	support strip (22"), except series E4000, E8000
I	1256 0330	screw	S	1528 9093	belt and rack pulley		1528 9648	support strip (22") series E4000, E8000
J	1257 0693	screw, except series F8100	T	1528 9325	screw			
	1340 4645	screw, series F8100 without P & PA	U	1528 9259	belt			
	1506 8984	screw, series F8190 with P & PA	V	1340 2862	screw, except series E4000, E8000			
				1340 5980	screw, series E4000 E8000			

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✓ RIBBON LIFT AND IDLER BRACKET MECHANISM (PLATE VI-32)



PART NUMBERS (PLATE VI-32)

A	1504 2625	mounting plate	J	1504 2757	cam follower, includes M
B	1256 8028	washer	K	1010 0386	nut
C	1256 7459	lockwasher	L	1504 2641	support plate
D	1256 5263	nut	M	1010 0519	pin, included in J
E	1504 2609	idler bracket	N	1303 1364	screw
F	1256 5248	nut	O	1026 9801	spring
G	1256 7442	lockwasher	P	1502 3732	connecting link
H	1316 5089	screw	Q	1338 5489	chain
I	1255 3178	clip	R	1512 0173	sprocket

BASIC SERIES F

ACCOUNTING MACHINES

Includes

F25—F500,F700,F1000,F5000,F6000

SECTION

VII

Burroughs

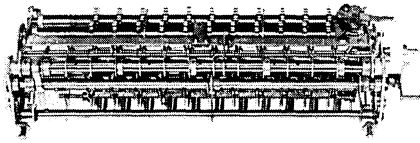
FIELD ENGINEERING

PARTS CATALOG

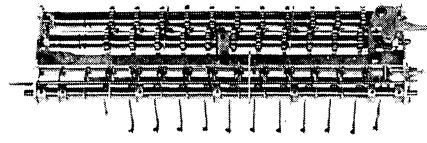
ACCUMULATION

Accumulation

COMPLETE CROSSFOOTER AND UPPER FRAME AND PINION ASSEMBLIES (PLATE VII-1)



COMPLETE CROSSFOOTER



UPPER FRAME AND PINION ASSEMBLY

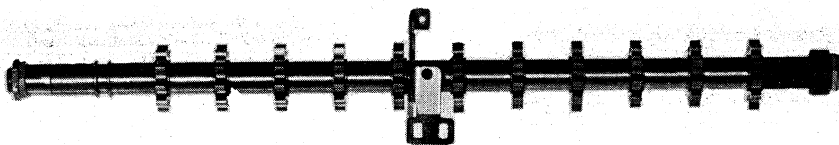
✓ PART NUMBERS (PLATE VII-1)

For styles and features not listed, order by machine style, serial number, factory order number and describe features

MACHINE STYLES	COMPLETE CROSSFOOTERS	UPPER FRAME AND PINION ASSEMBLIES, AFTER SERIAL F41325P. ALSO USE 1307 6807 BEFORE SERIAL F41326P
F51, F101, F102, F201, F202, F206, F210, F211, F301, F302, F306, F401, F501, F502, F506, F511, F512, F1101, F1201, F1211, F1301, F1302, F1306, F1401, F1501, F1502, F1506, F5101, F5201, F5211, F5301, F5401, F5501, F5510, F6101, F6201, F6211, F6262, F6281, F6282, F6284, F6291, F6301, F6306, F6401, F6501, F6506, F6510 F9101, F9201, F9211, F9301, F9431, F9501, F9706	1307 6237	1307 6872
F50, F55, F103, F104, F203, F204, F250, F303, F307, F403, F503, F507, F707, F1050, F1103, F1203, F1250, F1303, F1307, F1403, F1503, F1507, F1707, F5103, F5203, F5204, F5303, F5403, F5503, F5707, F6050, F6103, F6104, F6203, F6204, F6209, F6250, F6263, F6293, F6303, F6307, F6403, F6503, F6507, F6707 F9050, F9103, F9203, F9250, F9303, F9433, F9503, F9707 F25, F121, F221, F421, F513, F760, F6221, F6760 F105, F205, F305, F505, F6305, F6505 F106 F123, F223, F423, F1423, F6223, F6423 F212, F5212, F6212 F213, F214, F5213, F6213, F6214 F402, F404, F1404, F6404, F9404 F6761	1307 6245 1307 6443 1307 6260 1307 6278 1307 6468 1307 6385 1307 6401 1307 6336 1307 6724	1307 6898 1307 7110 1307 6922 1307 6930 1307 7136 1307 7045 1307 7060 1307 6997 1307 7375

Accumulation

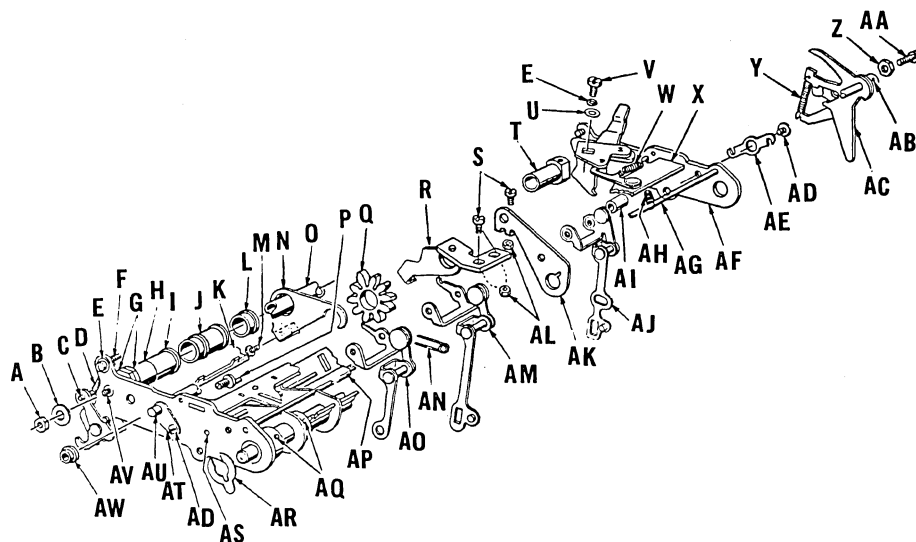
CROSSFOOTER PINION ASSEMBLIES (PLATE VII-2)



✓ PART NUMBERS (PLATE VII-2)

MACHINE STYLES	FRONT	REAR
F51, F101, F102, F201, F202, F206, F210, F211 F301, F302, F306, F401, F501, F502, F506, F511, F512, F1101, F1201, F1211, F1301, F1302, F1306, F1401, F1501, F1502, F1506, F5101, F5201, F5211, F5301, F5401, F5501, F5510, F610, F6201, F6211, F6262, F6281, F6282, F6284, F6291, F6301, F6306, F6401, F6501, F6510 F9101, F9201, F9211, F9301, F9431, F9501, F9706	1324 1799	1307 7565
F50, F55, F103, F104, F203, F204, F250, F303, F307, F403, F503, F507, F707, F1050, F1103, F1203, F1250, F1303, F1307, F1403, F1503, F1507, F1707, F5103, F5203, F5204, F5303, F5403, F5503, F5707, F6050, F6103, F6104, F6203, F6204, F6209, F6250, F6263, F6293, F6303, F6307, F6403, F6503, F6507, F6707 F9050, F9103, F9203, F9250, F9303, F9433, F9503, F9707	1324 1807	1307 7573
F25, F121, F221, F421, F513, F760, F6221, F6760,	1307 7599	1307 7607
F105, F205, F305, F505, F6305, F6505	1307 7672	1307 7581
F106 right	1307 8506	1307 8514
left -	1307 8480	1307 8498
F123, F223, F423, F6223, F6423	1307 7698	1307 7649
F212, F5212, F6212 right	1307 8621	1307 8639
after serial F83825P left	1307 8662	1307 8662
before serial F83826P left	1344 3510	1344 3510
F213 F214, F5213, F6213, F6214	1324 1815	1324 1724
F402, F404, F1404, F6404, F9404 right	1307 8563	1307 8571
left	1307 8548	1307 8530
F6761	1324 1799	1307 7573

CROSSFOOTER - UPPER ASSEMBLY (PLATE VII-3)



PART NUMBERS (PLATE VII-3)

A	1010 0394	nut			1324 2979	minus total limit bail for styles F212, F5212, F6212	
B	1010 4552	washer					
C	1307 9009	shaft			1308 0130	minus total limit bail for styles F123, F223, F423, F6223, F6423	
D	1027 2839	spring, for crossfooter "A" non-clear lock use 1049 1769 screw, 1341 2366 spring anchor, 1341 0592 spring for left and 1027 2839 spring for right side			1324 3068	minus total limit bail for style F6761	
				L	1308 1021	single flange spacer .356"	
				M	1010 9247	screw	
E	1256 7442	lockwasher		N	1324 3399	brace	
F	1010 9072	screw		O	1307 7557	9 27/32" long	
G	1308 1302	lock nut, use 1337 1117 washer, .003" thick, maximum of 3, or 1026 9330 washer, .011" thick, maximum of 1			1307 7771	9 3/64" long	
					1307 8613	7 25/64" long, has flange	
					1307 8555	7" long	
H	1308 1138	spacer .292"			1324 2110	6 17/64" long	
	1308 1146	spacer 3.092"			1307 8472	4 7/8" long	
	1308 1153	spacer 2.780"			1324 2094	3 15/16" long	
	1308 1229	spacer .323"			1307 8522	2 25/64" long	
	1308 0841	spacer .050"			1307 8654	2 3/16" long	tubing
	1308 0544	spacer .020"					
	1342 6978	spacer .055"		P	1343 0004	eccentric limit stop, use before serial F41326P	
	1057 0943	brass spacer .006"					
	1337 8823	brass spacer .003"		Q	1307 9918	pinion, after serial F29879P	
	1342 7034	spacer .059"			1344 3593	pinion, before serial F298804	
	1342 7026	spacer .039"			1324 3928	pinion with hub, for rear pinion assembly of machines with Crossfooter "A" Non-clear lock except styles F123, F223, F423, F6223, F6423	
	1324 4157	spacer 2.080"				pinion with hub for styles F123, F223, F423, F6223, F6423, with Crossfooter "A" Non-clear lock	
	1337 9151	shoulder spacer .700"		R	1324 3423	brace after serial F41325P, use 1010 9247 screws on total limit bail. Use 1324 3423 brace, 1308 0023 normal total limit bail stop, before serial F 41326P	
I	1308 1039	.542"					
	1308 1088	.388"			1324 3936	pinion with hub for styles F123, F223, F423, F6223, F6423, with Crossfooter "A" Non-clear lock	
	1342 7620	.841"	single				
	1342 7554	.700"	flange				
	1337 5555	.370"	spacer				
	1342 7562	.375"					
	1342 7570	.341"					
J	1308 1047	.700"					
	1308 1096	.577"	double	S	1011 0013	screw	
	1342 7612	.370"	flange	T	1342 7000	hub after serial F23641P	
	1342 6937	.350"	spacer		1308 0965	hub before serial F23642P	
K	1308 0080	minus total limit bail for all styles except F123, F212, F223, F423, F5212, F6212, F6223, F6423, F6761		U	1010 3943	washer	
				V	1017 2880	screw	

PART NUMBERS CONTINUED ON NEXT PAGE

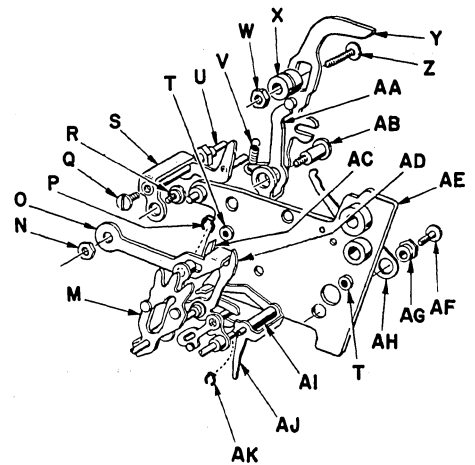
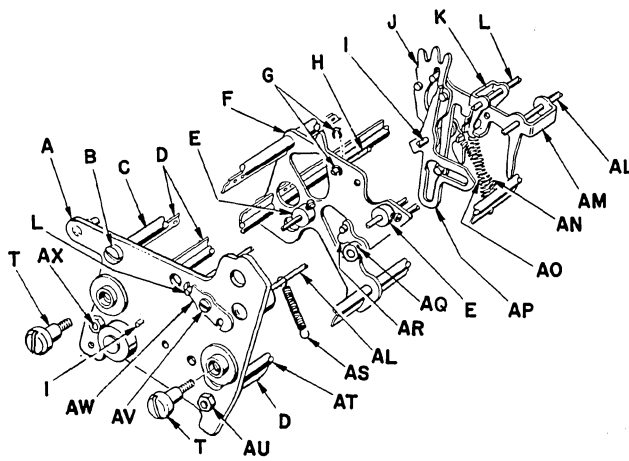
Accumulation

PART NUMBERS (PLATE VII-3) CONTINUED

W	1027 1997	spring			serial F38859P, and for style F513
X	1307 9470	tie strip, all styles except F123, F212, F223, F423, F5212, F6212, F6223, F6423	1307 9181		pawl before serial F38860P
	1307 9520	tie strip for styles F212, F5212, F6212	1307 9249		pawl, use in columns 11, 12, 13 of styles F123, F212, F223, F423, F5212, F6212, F6223, F6423. Use in columns 10 with 1342 6697 spacer on styles F123, F223, F423. Use 1324 2359 pawl, 1337 6140 collar in first column to the right of automatic one shaft without lower link riveted to right end
	1307 9488	tie strip for styles F123, F223, F423, F6223, F6423			
Y	1341 7613	spring after serial F41361P			
	1344 6539	spring before serial F41362P			
Z	1010 0378	nut			
AA	1340 1757	screw			
AB	1017 0942	pin	AN	1308 1658	spring
AC	-- --	included in AP	AO	1307 9199	pawl, for automatic one shaft, for all styles except F123, F212, F223, F423, F5212, F6212, F6223, F6423
AD	1010 5179	screw			
AE	1307 9702	shaft limit			
AF	1307 6799	upper frame assembly, minus pinions, includes AK for all styles after serial F41325P except F25, F106, F123, F212, F223, F423, F5212, F6212, F6223, F6423, F6761		1307 9256	pawl, use with 1342 6812 spacer in column 10 for styles F212, F5212, F6212. Use in column 14 for styles F123, F223, F423, F6223, F6423, with 1010 5278 spacer
	1307 6831	upper frame assembly, minus pinions, for styles F212, F5212, F6212 after serial F41325P	AP	1324 2755	plus total limit bail, includes AC, for all styles after serial F41325P except F123, F212, F223, F423, F5212, F6212, F6223, F6423
	1307 6815	upper frame assembly, minus pinions, for style F106 after serial F41325P		1324 2771	limit bail for styles F212, F5212, F6212 after serial F41325P
	1307 6880	upper frame assembly, minus pinions, for styles F25, F513		1324 2797	limit bail for styles F123, F223, F423, F6223, F6423
	1307 6823	upper frame assembly, minus pinions for styles F123, F223, F423, F6223, F6423	--	--	Refer to COMPLETE CROSSFOOTER AND UPPER FRAME AND PINION ASSEMBLIES for all styles before serial F41326P
	1307 6864	upper frame assembly, minus pinions for style F6761			
	-- --	Refer to COMPLETE CROSSFOOTER AND UPPER FRAME AND PINION ASSEMBLIES for all styles before serial F41326P. NOTE: Where changing upper frame or upper frame and pinion assemblies before serial F92947P, also use 1303 6355 bail	AQ	1342 8453	pin
AG	1324 1617	shaft	AR	1335 0392	clip spacer
AH	1028 7951	spring	AS	1324 1666	shaft
	1027 3027	spring for left end of shaft on style F402	AT	1324 4264	shaft limit
AI	1337 6140	collar	AU	1324 1609	shaft after serial F65273P
AJ	1324 2359	pawl		1324 1591	shaft before serial F65274P
AK	-- --	included in AF	AV	1307 7524	shaft
AL	1010 0485	nut	AW	1324 4280	spacer after serial F65273P. Use 1010 5492 roller, 1010 8579 washer, 1010 0212 clip before serial F65274P
AM	1307 9223	pawl after serial F61872P			
	1307 9215	pawl before serial F61873P and after		1324 4272	spacer on right end of shaft AU after serial F65273P. Use 1010 5492 roller, 1010 0154 clip on right end of shaft AU before serial F65274P

Accumulation

CROSSFOOTER LOWER ASSEMBLY - CARRY MECHANISMS (PLATE VII-4)



PART NUMBERS (PLATE VII-4)

A	1324 3886	side plate after serial F79418P	K	1324 2441	actuator (wide) after serial F61872P, use 1308 1682 spring
	1344 6679	side plate before serial F79419P and after serial F51151P. Use 1344 6679 side plate, 1324 4173 spacer (2), 1010 7233 screw (2) on all styles except F212 before serial F51152P. Use 1344 6679 side plate, 1308 1419 screw (2), 1324 4173 spacer (2), 1343 0368 screw for style F212 before serial F51152P		1307 9389	actuator (wide) before serial F61873P
B	1341 8827	screw after serial F77279P, use 1010 0386 nut on opposite end	L	1307 8746	shaft
	1011 0179	screw before serial F77280P		1307 9348	rack, after serial F34761P
C	1324 2151	shaft after serial F77279P. Use 1324 2151 shaft, 1341 8827 screw, 1010 0386 nut before serial F77280P	M	1344 3569	rack, before serial F34762P
				N	1010 0469 nut
D	1307 9645	strip, has 25 holes 1/4" to the right of 13 slots, 10 1/2" long	O	1308 0320	arm
	1324 2573	strip, 25 holes 3/8" to the right of 13 slots, 10 1/2" long		P	1010 0220 clip
	1324 2581	strip, has 27 holes 3/8" to the right of 15 slots, 10 1/2" long	Q	1010 8991	screw
	1324 2599	strip, has 29 holes 3/8" to the right of 15 slots, 10 1/2" long	R	1010 9775	shoulder screw
	1307 9678	strip, has 12 slots 7 3/4" long		S	1303 6355 bail
	1307 9652	strip, has 14 slots, 9" long	T	-- --	Refer to ACCUMULATOR MOUNTING SCREWS
E	1342 7687	collar, includes 1340 2953 screw		U	1304 1215 post, use 1010 0402 nut
F	-- --	included in complete accumulator	V	1027 6418	spring
G	1300 1433	clip	W	1010 0378	nut
H	1307 8688	shaft 8 19/32" long	X	1304 0639	spacer
	1307 8696	shaft 8 43/64" long	Y	1303 5100	arm for all styles except those having crossfooter "A" Non-clear lock and Extended Overdraft
I	1307 8753	shaft		1303 6421	arm for all styles with Crossfooter "A" Non-clear Lock and Extended Overdraft
J	1307 9322	rack (wide) after serial F33859P	Z	1010 9023	screw
	1344 3551	rack (wide) before serial F33860P; use 1027 6285 spacers, when omitting a carry index bail	AA	1303 6447	arm
	1307 9363	rack (narrow), for styles F123, F223, F423, F212, F5212, F6212, F6223, F6423 columns 11 thru 14, use 1307 5395 spacer, 1342 7281 spacer when omitting a carry index bail	AB	1304 1223	screw, use 1010 0378 nut
			AC	1324 3449	latch, use 1010 0212 clip, 1027 6202 spring
			AD	1324 3431	latch
			AE	1324 3878	side plate after serial F79418P
				1344 6661	side plate before serial F79419P and after serial F51151P. Use 1344 6661 side plate, 1324 4173 spacer (2), 1010 7233 screw, 1343 0376 screw before serial F51152P
			AF	1303 1760	screw

PART NUMBERS CONTINUED ON NEXT PAGE

Accumulation

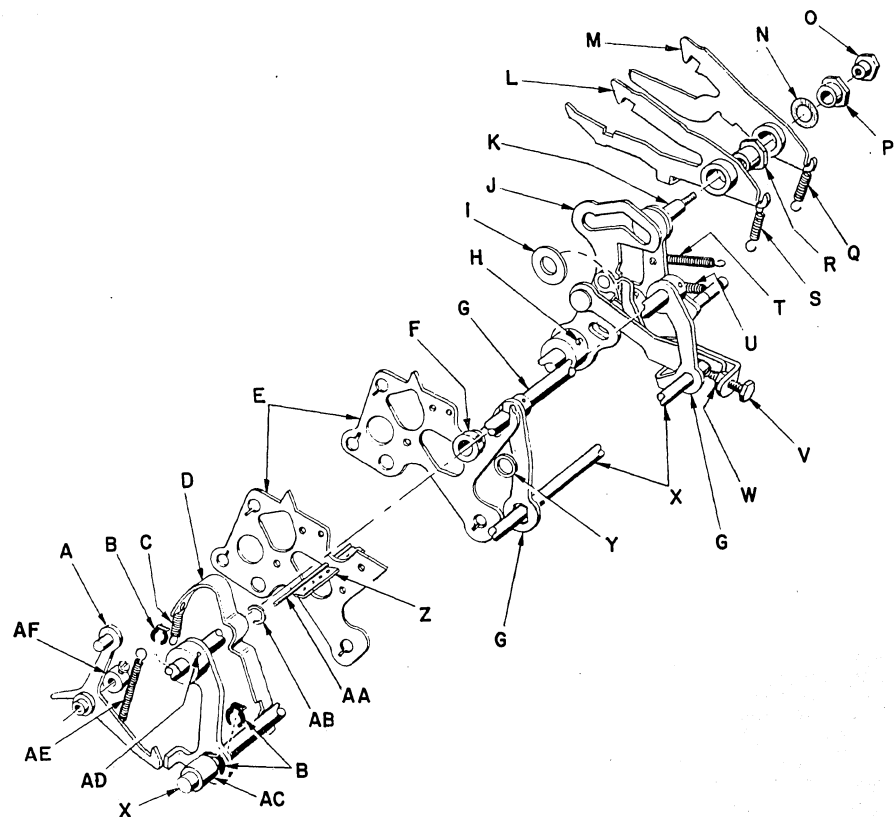
PART NUMBERS (PLATE VII-4) CONTINUED

AG	1026 3945	eccentric	1307 8811	without link	8 capacity	shaft assemblies
AH	1324 4066	arm, use 1026 1436 spring	1307 8803	with link		
AI	1308 1336	collar	1307 8902	without link	9 capacity	
AJ	1307 9413	actuator, use 1341 8793 spring	1307 8787	with link		
	1324 2466	actuator for column 1 of all registers, columns 1, 10, 11, 12 of style F402 register and column 10 of styles F402, F404, F1404, F6404 crossfooters, use 1044 1939 spring	1307 8894	without link	10 capacity	
			1307 8936	without link	11 capacity	
			1307 8779	with link		
			1307 8928	without link	12 and 14 capacity,	
			1307 8761	with link	12 capacity. Use 1307 8928, 1324 2359 pawl, 1337 6140 collar for 14 capacity	
AK	1010 0212	clip	1307 8829	split 7/8		
AL	1307 8670	shaft	1307 8837	split 6/7		
AM	1307 9405	actuator (wide) use 1308 1674 spring	1307 8845	split 8/9		
	1307 9421	actuator (narrow) for columns 12, 13, 14 of styles F212, F5212, F6212, use 1028 7951 spring	1307 8944	split 9/10		
	1324 2458	actuator (narrow) for column 11 of styles F212, F5212, F6212			NOTE: When replacing an automatic one shaft having a riveted link on right end, with a shaft having no link, use 1337 6140 collar and 1324 2359 carry pawl spring for camming arm and shaft assembly, having double link construction	
	1307 9439	actuator (narrow) for columns 11 thru 14 of styles F123, F223, F423, F6223, F6423, use 1028 8892 spring				
	1324 2466	actuator (wide) use in first column of all registers and columns 1, 10, 11, 12 of style F402 register, also use in column 10 of styles F402, F404, F1404, F6404 crossfooters, use 1044 1939 spring	AS	1027 7457	spring for camming arm and shaft assembly, having double link construction	
				1340 9933	spring for camming arm and shaft assembly with single link construction	
AN	1308 1682	spring	AT	1324 2144	shaft after serial F65609P. Use 1324 2144 shaft, 1303 1760 screw, 1010 0360 nut before serial F65610P and after serial F41368P. Use 1324 2144 shaft, 1341 8827 shoulder screw 1010 0360 nut before serial F41369P	
AO	1308 1674	spring, use 1341 8793 spring in first column				
AP	1324 2474	actuator (wide) after serial F61872P	AU	1010 0360	nut	
	1307 9447	actuator (wide) before serial F61873P	AV	1010 5179	screw	
	1307 9462	actuator (narrow) for styles F123, F212, F223, F423, F5212, F6212, F6223, F6423	AW	1307 9694	shaft limit	
AQ	1010 0626	pin	AX	1324 2144	shaft, use 1341 8827 screw on right end and 1010 0360 nut on left end	
AR	1307 8860	shaft assembly 6 capacity				

NOTE: When replacing an automatic one
shaft having a riveted link on right end,
with a shaft having no link, use
1337 6140 collar and 1324 2359 carry pawl
spring for camming arm and shaft assembly,
having double link construction
spring for camming arm and shaft
assembly with single link construction
shaft after serial F65609P. Use 1324 2144
shaft, 1303 1760 screw, 1010 0360 nut
before serial F65610P and after serial
F41368P. Use 1324 2144 shaft, 1341 8827
shoulder screw 1010 0360 nut before serial
F41369P

Accumulation

CROSSFOOTER LOWER ASSEMBLY - CAMMING, RESET AND MESHING MECHANISMS (PLATE VII-5)



PART NUMBERS (PLATE VII-5)

A	1324 3092	latch for left end, after serial F79418P	J	1324 1575	shaft assembly for crossfooter after serial F113001P, includes H, K. Use 1324 1575 shaft assembly, 1337 4814 spacer before serial F113002P and after serial F79418P
	1308 0163	latch, before serial F79419P		1307 6211	shaft assembly before serial F79419P
	1324 3076	latch for right end of crossfooter, after serial F79418P		1324 1583	shaft assembly for register after serial F113001P. Use 1324 1583 shaft assembly, 1337 4814 spacer (2), 1027 7457 spring, 1255 3400 clip before serial F113002P and after serial F79418P
	1308 0148	latch for right end of crossfooter before serial F79419P		1307 6229	shaft assembly before serial F79419P
	1324 3084	latch for right end of register after serial F79418P	K	-- --	included in J after serial F45477P
	1308 0155	latch for right end of register before serial F79419P		1324 4074	post before serial F45478P and after serial F42481P
B	1300 1417	clip		1308 1484	post before serial F42482P, use 1010 0428 nut
C	1341 0097	spring	L	1324 3266	hook after serial F43894P. Use 1324 3266 hook, 1324 3282 hook, 1340 2169 collar, 1340 2177 collar, 1324 4074 post, 1028 7985 shoulder nut before serial F43895P
D	1341 0816	hanger	M	1324 3282	hook, after serial F113001P. Use 1324 3282 hook, 1340 2169 collar, 1340 2177 collar before serial F113002P and after serial F43894P. Use 1324 3282
E	-- --	included in complete accumulator			
F	1344 7503	spacer			
G	1324 2185	reset shaft assembly, after serial F79418P, includes AD			
	1324 2177	shaft assembly before serial F78419P and after serial F69099P. Use 1324 2177 shaft assembly, 1341 0816 hanger, 1341 0097 spring, 1344 6653 shaft before serial F69100P			
H	1034 8852	pin, included in J			
	1026 7185	.096" } repair pin			
	1026 7193	.099" }			
I	1337 1299	washer after serial F79418P			
	1311 4079	washer before serial F79419P			

PART NUMBERS CONTINUED ON NEXT PAGE

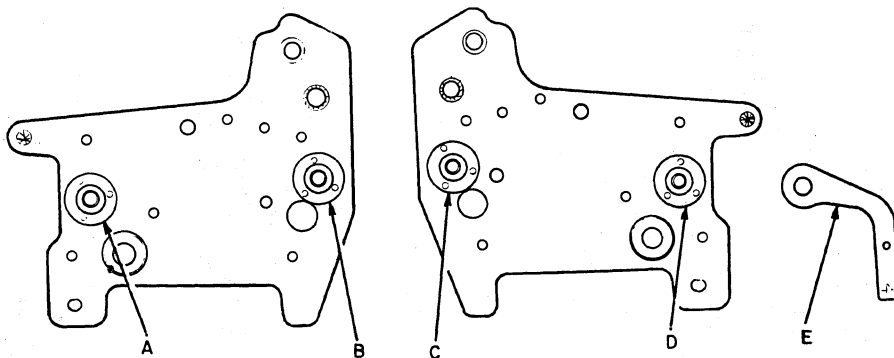
Accumulation

PART NUMBERS (PLATE VII-5) CONTINUED

		hook, 1324 3266 hook, 1340 2169 collar, 1340 2177 collar, 1324 4074 post, 1028 7985 shoulder nut before serial F43895P. 1324 3290 hook replaces 1324 3282 hook in register "C" on machines with non-add, non-clear specify columns, after serial F113001P. Use 1324 3290 hook, 1340 2169 collar, 1340 2177 collar before serial F113002P				serial F45477P. Use 1344 6570 eccentric stud and 1010 0378 nut before serial F45478P
N	1337 2065	.033" thick	} spacer, used for excessive play in hooks	W	1338 7782	nut after serial F113001P
	1337 1331	.005" thick			1010 0410	nut before serial F113002P
O	1028 7985	shoulder nut, use 1337 1117 spacer for excessive play in hooks before serial F43895P		X	1324 2235	shaft after serial F79418P
					1344 6653	shaft before serial F79419P
P	1340 2169	collar after serial F113001P. Use 1340 2169 collar, 1340 2177 collar, 1324 3282 hook or 1324 3290 hook before serial F113002P		Y	1301 2570	spacer
				Z	1307 9678	7 3/4" long, has 12 slots
Q	1308 1716	spring, use 1027 3191 spring in "B", "C" and "D" positions of series F6000			1307 9652	9" long, has 14 slots
R	1340 2177	collar after serial F113001P. Use 1340 2177 collar, 1340 2169 collar, 1324 3282 hook or 1324 3290 hook before serial F113002P			1307 9645	10 1/2" long, has 25 holes 1/4" to the right of 13 slots
					1324 2573	10 1/2" long, has 25 holes 3/8" to the right of 13 slots
S	1027 3191	spring			1324 2581	10 1/2" long, has 27 holes 3/8" to the right of 15 slots
T	1027 2730	spring			1324 2599	10 1/2" long, has 29 holes 3/8" to the right of 15 slots
U	1026 9462	spring		AA	1307 8969	shaft, 9 3/32" long
V	1340 5113	screw after serial F113001P			1307 8977	shaft, 7 45/64" long
	1340 4512	screw before serial F113002P and after F79418P		AB	1255 3400	clip
	1024 8813	screw before serial F79419P and after		AC	1337 4814	spacer
				AD	1255 0364	pin, included in G
					1011 9972	replacement pin
				AE	1027 3209	spring for right and left
				AF	1342 7687	collar includes 1340 2953 setscrew, use 1300 1417 clip on right side

partition
plate
strip

ACCUMULATOR MOUNTING SCREWS (PLATE VII-6)



PART NUMBERS (PLATE VII-6)

A	-- --	LEFT REAR 1340 6194 shoulder screw, for all accumulators WITH threaded bushings in side frames, except styles F212, F5212, F6212. Use 1343 0368 screw, 1337 3915 collar, 1010 0238 clip for styles F212, F5212, F6212			Use 1343 0046 screw, 1342 8339 nut and 1342 8347 nut for style F212
	1308 1393	screw for all accumulators WITHOUT threaded bushings except style F212, use 1342 6804 collar, 1010 0337 nut,	B	-- --	LEFT FRONT (with Adjusting Plate) 1010 7233 shoulder screw, for all accumulators WITH threaded bushings. Use 1308 1393 screw, 1342 6804 collar, 1010 0337 nut for all accumulators WITHOUT threaded bushings. Use 1325 2788 non-adjustable

PART NUMBERS CONTINUED ON NEXT PAGE

Accumulation

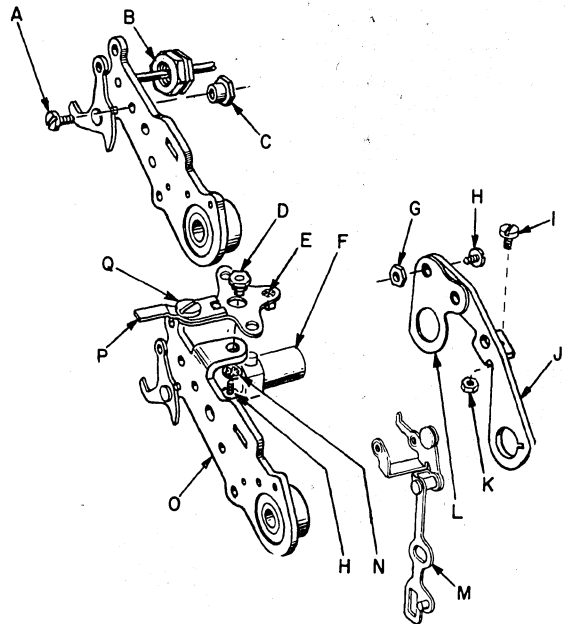
PART NUMBERS (PLATE VII-6) CONTINUED

		plate or 1303 9201 adjustable plate on machine side frames				screw, 1027 3027 balance spring and 1010 0428 nut just to the rear of the right front mounting screw
-- --		LEFT FRONT (without Adjusting Plate)	D	-- --		RIGHT REAR
1340 6194		shoulder screw, for all accumulators WITH threaded bushings. Use 1308 1393 screw, 1342 6804 collar, 1010 0337 nut for all accumulators WITHOUT threaded bushings	1343 0376			shoulder screw for crossfooters WITH threaded bushings, use 1028 7704 washer
C -- --		RIGHT FRONT (with Adjusting Plate)	1308 1401			shoulder screw for crossfooters WITHOUT threaded bushings, use 1028 7704 washer, 1342 6804 collar, 1010 0337 nut
1010 7233		shoulder screw, for all accumulators WITH threaded bushings. Use 1308 1393 screw, 1342 6804 collar, 1010 0337 nut for all accumulators WITHOUT threaded bushings. Use 1340 0395 spring anchor screw, 1010 0428 nut to hold 1325 2788 non-adjustable plate or 1303 9201 adjustable plate on machine side frame, use 1027 3027 balance spring	1340 6194			shoulder screw, for registers WITH threaded bushings except styles F212, F5212, F6212. Use 1343 0376 screw, 1028 7704 washer and spacer E for styles F212, F5212, F6212
-- --		RIGHT FRONT (without Adjusting Plate)	1308 1393			shoulder screw for registers WITHOUT threaded bushings except style F212, use 1342 6804 collar, 1010 0337 nut. Use 1308 1401 screw, 1028 7704 washer, 1342 6804 collar and 1010 0337 nut for style F212
1324 4289		shoulder screw, for all accumulators WITH threaded bushings, use 1027 2730 balance spring. Use 1308 1393 screw, 1342 6804 collar, 1010 0337 nut for all accumulators WITHOUT threaded bushings, use 1340 0395 spring anchor	E	1324 4173	.0625"	} handled spacer
				1324 4181	.0625" formed to 90° angle	
				1324 4191	.0675"	
				1324 4207	.070"	
				1324 4215	.0725"	

CROSSFOOTER - SPLIT CONSTRUCTION (PLATE VII-7)

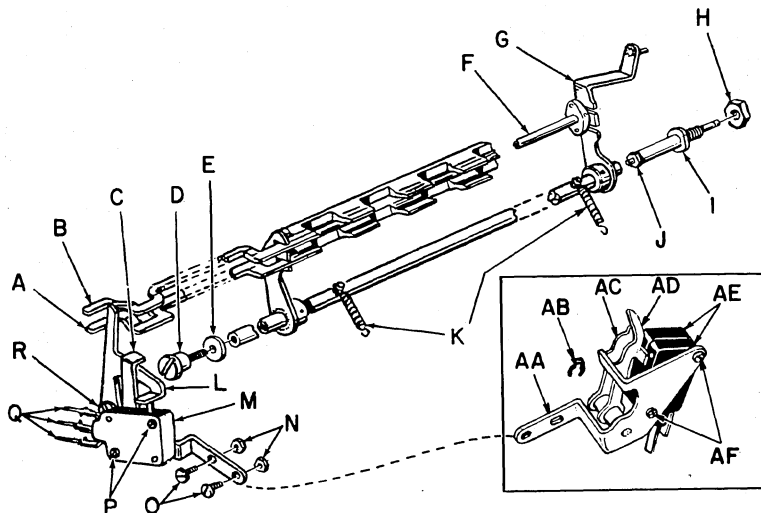
PART NUMBERS (PLATE VII-7)

A	1010 9601	screw
B	1308 1351	nut
C	1342 8248	shoulder collar
D	1342 7851	shoulder nut
E	1324 3415	detent, after serial F83825P
	1308 0437	detent before serial F83826P
F	1324 4397	collar after serial F83825P
	1342 7000	collar before serial F83826P
G	1010 0378	nut
H	1010 8991	screw
I	1011 0013	screw
J	-- --	included in upper frame assembly
K	1010 0485	nut
L	1324 3795	brace
M	1307 9207	carry pawl for styles F123, F223, F423, F6223, F6423, in first column to right of split
N	1256 7459	lockwasher
O	-- --	included in upper frame assembly
P	1308 0445	arm
Q	1017 1320	screw



Accumulation

CROSSFOOTER "A" NON-CLEAR LOCK ACCUMULATOR CONTROLS (PLATE VII-8)

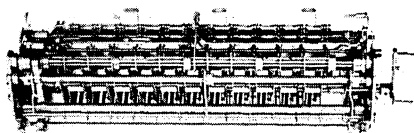


PART NUMBERS (PLATE VII-8)

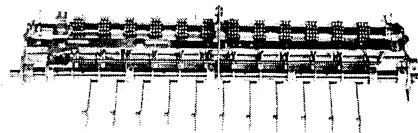
A	1325 9411	bail, included in G for series F25 thru F500, F5000, F6000 except styles F123, F223, F423, F6223, F6423	L	1325 9205	actuator
	1325 9437	bail for styles F123, F223, F423, F6223, F6423	M	1343 1242	switch, includes Q
	1325 9478	bail for series F1000	N	1010 0378	nut
B	1325 9429	bail, included in G, for series F25 thru F500, F5000, F6000, except styles F123, F223, F423, F6223, F6423	O	1010 8983	screw
	1325 9445	bail for styles F123, F223, F423, F6223, F6423	P	1256 0173	screw, use 1010 0477 nut
	1325 9486	bail for series F1000	Q	1311 8559	tab, included in M
C	1325 9239	bracket	R	1340 4199	screw
D	1343 0442	shoulder screw	AA	1325 9247	bracket only, for all styles except those having crossfooter "A" non-clear lock, in conjunction with Calendar Feature with Advancing Month and Year Control, Carriage Controlled.
E	1010 9726	washer		1325 9254	complete switch and bracket assembly, includes AB thru AF for all styles except those having the above feature combination.
F	1325 9080	shaft, included in G			NOTE: On machines having crossfooter "A" non-clear lock in conjunction with above feature combination, use 1325 9270 bracket and order other parts individually
G	1325 9346	shaft assembly only	AB	1010 0238	clip
	1325 9361	shaft and bail assembly for series F25 thru F500, F5000, F6000, except styles F123, F223, F423, F6223, F6423, includes A, B, F. For styles F123, F223, F423, F6223, F6423 order parts A, B, F, G individually	AC	1325 9221	actuator
	1325 9388	shaft and bail assembly for series F1000	AD	1325 9213	actuator, use 1053 7322 spacer when eliminating one switch
H	1010 0402	nut	AE	1343 1242	switch, use 1326 3389 block when eliminating one switch
I	1304 1215	post	AF	1343 0061	screw, use 1256 7681 lockwasher, 1010 0477 nut
J	1342 8727	threaded pivot stud			
K	1027 6426	spring			

Accumulation

COMPLETE REGISTER AND UPPER FRAME AND PINION ASSEMBLIES (PLATE VII-9)



REGISTER



UPPER FRAME AND PINION ASSEMBLY

✓ PART NUMBERS (PLATE VII-9)

For styles and features not listed, order by machine style serial number, factory order number and describe features

MACHINE STYLES	COMPLETE REGISTERS	UPPER FRAME AND PINION ASSEMBLIES, AFTER SERIAL F41325P. ALSO USE 1307 6807 BEFORE SERIAL F41326P
F25	1307 6559	1307 7201
F201, F202, F206, F211, F401, F1201, F1211, F1401, F5201, F5211, F5401, F6201, F6211, F6284, F6401, F9101, F9201, F9211	1307 6286	1307 6948
F203, F204, F403, F1203, F1403, F5203, F5204, F5403, F6203, F6204, F6209, F6403, F9203	1307 6294	1307 6955
F205	1307 6302	1307 6963
F210, F6281, F6282	1307 6492	1307 7151
F212, F5212, F6212	1307 6393	1307 7052
F213, F5213, F6213	1307 6484	1307 7078
F214, F6214	1307 6419	1307 7078
F221, F421, F6221	1307 6450	1307 7128
F223, F423, F1423, F6223, F6423	1307 6476	1307 7144
F250, F1250, F5250, F6250, F6263, F9250	1307 6575	1307 7227
F301, F302, F306, F501, F502, F506, F511, F512, F1301, F1302, F1306, F1501, F1502, F1506, F5301, F5501, F6291, F6301, F6306, F6506, F6510, F9301, F9431, F9501, F9706	1307 6310	1307 6971
F303, F307, F503, F507, F1303, F1307, F1503, F1507, F1707, F5707, F5303, F5503, F6293, F6303, F6503, F6507, F6707, F9303, F9433, F9503, F9707	1307 6328	1307 6989
F305, F505, F6305, F6505	1307 6377	1307 7037
F402	1307 6344	1307 7003
F404, F1404, F6404 with register 5 in position 5, F9404	1307 6690	1307 7342
F404, F1404, F6404 with register 5 in position 9	1344 4732	1344 4732
F513, F6760	1307 6500	1307 7169
F1458	1502 5638	1502 5653
F1551	1307 6740	1307 7383
F1553	1307 6757	1307 7391
F6262	1307 6708	1307 7359
F6761	1307 6732	1307 6989

Accumulation

REGISTER PINION ASSEMBLIES (PLATE VII-10)

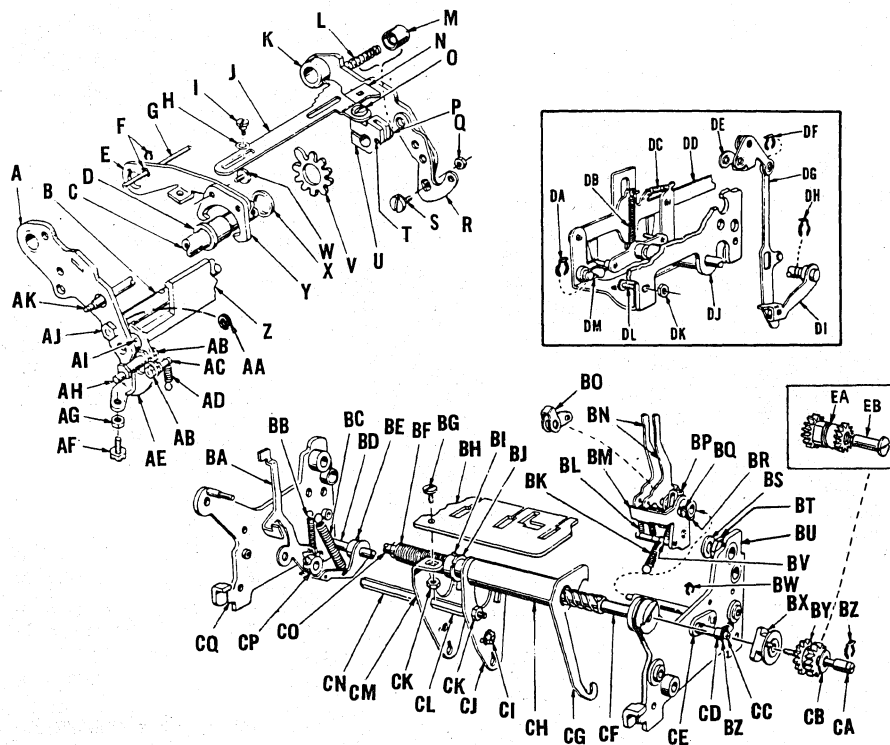


✓ PART NUMBERS (PLATE VII-10)

For styles and features not listed order by machine style, serial number, factory order number and describe features

MACHINE STYLES	PART NUMBERS
F25	1307 7946
F201, F202, F206, F211, F401, F1201, F1211, F1401, F5201, F5211, F5401, F6201, F6211, F6284, F6401	1307 8035
F9101, F9201, F9211	1307 7805
F203, F204, F403, F1203, F1403, F5203, F5204, F5403, F6203, F6204, F6209, F6403	1307 8043
F9203	1307 7813
F205	1307 7821
F210, F6281, F6282	1307 7920
F212, F223, F423, F1423, F5212, F6212	1307 7862
F213, F214, F5213, F6213, F6214	1324 1757
F221, F421, F6221	1307 7896
F301, F302, F306, F501, F502, F506, F511, F512, F1301, F1302, F1306, F1501, F1502, F1506, F5301, F5501, F6291, F6301, F6306, F6501, F6506, F6510, F9301, F9431, F9501, F9706	1307 7789
F303, F307, F503, F507, F1303, F1307, F1507, F5303, F5503, F6293, F6303, F6307, F6503, F6507, F6707, F9303, F9433, F9503, F9707	1307 7839
F305, F505, F6305, F6505	1307 7854
F402	1307 7847
F404, F1404, F6404 with register 5 in position 5, F9404	1307 7995
F404, F1404, F6404 with register 5 in position 9	1344 4906
F513, F6760	1307 7904
F1458	1502 5620
F6262	1307 7888
F9250	1344 3502

REGISTER - UPPER AND LOWER ASSEMBLIES (PLATE VII-11)



PART NUMBERS ON NEXT PAGE

Accumulation

PART NUMBERS (PLATE VII-11)

A	1307 6880	upper frame for pinion assembly, for all styles after serial F41325P except F212, F223, F423, F5212, F6212, F6223, F6423	R	1308 0387	plate after serial F59718P. Use 1308 0387 plate (2), 1308 1211 knurled spacer, 1338 7204 nut (3), 1017 4118 shim before serial F59719P
	1307 6906	upper frame for pinion assembly for styles F212, F223, F423, F5212, F6212, F6223, F6423 after serial F41325P	S	1308 1443	screw
--	--	Refer to COMPLETE REGISTER AND UPPER FRAME AND PINION ASSEMBLIES, before serial F41326P	T	1255 7724	bristol set screw
B	1324 2243	shaft for all styles after serial F111538P except F212, F223, F423, F5212, F6212, F6223, F6423. Use 1324 2243 shaft, 1338 7667 nut before serial F111539P and after serial F59718P. Use 1324 2243 shaft, 1308 0387 plate (2), 1338 7667 nut (3), before serial F59719P	U	1308 1591	brace
	1324 2268	shaft for styles F212, F223, F423, F5212, F6212, F6223, F6423 after serial F111538P. Use 1324 2268 shaft, 1338 7667 nut before serial F111539P and after serial F47684P. Use 1324 2268 shaft, 1308 0387 plate (2), 1338 7667 nut (3), before serial F47685P	V	1307 9926	pinion
		NOTE: on shafts before serial F59719P use 1308 1211 knurled spacer and 1017 4118 shim	W	1307 9942	pinion, 10 point
C	1307 7771	tubing. Refer to CROSSFOOTER - UPPER ASSEMBLY, for other styles	X	1010 8991	screw, use 1256 7715 washer
D	1308 1070	.3888" long	Y	1342 7026	spacer. Refer to CROSSFOOTER - UPPER ASSEMBLY for other styles
	1308 1161	.0777" long	Z	1308 0221	guide
	1308 1179	.0774" long	AA	1307 9474	spacer
	1308 1187	.078" long	AB	1010 0378	nut
	1308 1104	.5443" long .375" outside dia.	AC	1308 1476	eccentric stud
	1308 1112	.5443" long .380" outside dia.	AD	1014 7650	spring
	1308 1120	.3111" long	AE	-- --	plate, refer to R
E	-- --	included in A	AF	1308 1385	screw
F	1300 1433	clip	AG	1010 0410	nut
G	1324 1625	shaft	AH	1342 8644	eccentric stud
H	1010 4974	washer	AI	1017 0942	pin
I	1340 8133	shoulder screw	AJ	1338 7667	nut
J	1324 3381	plate with 4 steps for 4 registers	AK	1324 1609	shaft after serial F65273P
	1324 3373	plate with 5 steps for 9 registers		1324 1591	shaft before serial F65274P
K	-- --	included in A	BA	1308 0593	detent
L	1308 1724	spring	BB	1027 6319	spring
M	1342 7018	double recessed collar for all styles after serial F9944P, except F25	BC	1307 2996	spring
	1308 1294	single recessed collar for all styles before serial F9945P	BD	1307 9033	shaft assembly
	1337 6496	double recessed collar for F25	BE	1011 9964	pin
N	1307 9496	strip for all styles after serial F41325P except F212, F223, F423, F5212, F6212, F6223, F6423	BF	1308 1708	spring
	1307 9538	strip for styles F212, F223, F423, F5212, F6212, F6223, F6423, after serial F41325P	BG	1300 6788	screw
--	--	Refer to COMPLETE REGISTER AND UPPER FRAME AND PINION ASSEMBLIES before serial F41326P	BH	1308 0338	guide for all styles except F212, F213, F221, F223, F421, F423, F5212, F5213, F6212, F6213, F6221, F6223, F6423
O	1308 1583	screw, use 1256 7459 lockwasher, 1010 0410 nut		1324 3324	guide for above exceptions
P	1308 1005	nut	BI	1255 7807	screw
Q	1010 0469	nut	BJ	1324 4058	collar
			BK	1340 8943	spring after serial F29667P
				1027 6897	spring before serial F29668P and after serial B301690
				1027 2870	spring before serial B301691
			BL	1015 2262	spring
			BM	1308 0460	bail, after serial F12803P. Use 1308 0460 bail, 1027 1740 screw, 1010 9643 screw, 1011 3074 spring, 1340 8943 spring before serial F12804P
			BN	1308 0528	detent after serial F25537P. Use 1308 0528 detent, 1307 8688 shaft before serial F25538P
			BO	1324 4587	brace
			BP	1324 4108	limit after serial F29667P. Use 1324 4108 limit, 1011 3074 spring, 1340 8943 spring before serial F29668P
			BQ	1027 1740	screw
			BR	1010 9643	screw
			BS	1023 7493	spacer
			BT	1308 1237	nut

PART NUMBERS CONTINUED ON NEXT PAGE

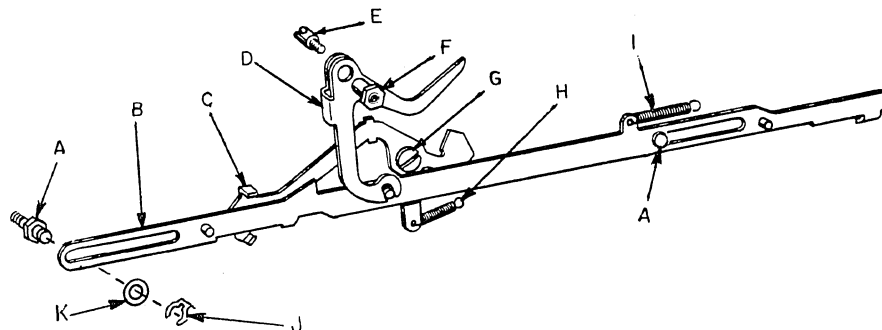
Accumulation

PART NUMBERS (PLATE VII-11) CONTINUED

BU	1324 3910	left side frame after serial F79418P	CF	-- --	included in CH
	1344 6695	left side frame before serial F79419P	CG	-- --	included in CH
		and after serial F50421P. Use 1344 6695	CH	1344 5218	worm gear assembly for all series after
		side frame, 1308 1419 screw (2),			serial F95265P except F1000, includes CF,
		1324 4173 (2) spacer before serial			CG. Use 1344 5218, 1324 3837 gear drive
		F50422P			plate assembly before serial F95266P.
BV	1011 3074	spring			Use 1344 5218 worm gear assembly for
BW	1255 3392	clip			series F1000 after serial F88462P. Use
BX	1324 3837	gear drive plate assembly for all series			1344 5218, 1324 3845 gear drive plate
		after serial F59265P, except series			assembly before serial F88463P.
		F1000. Use 1324 3837, 1344 5218 worm	CI	1010 5682	screw, use 1256 7715 washer, 1010 0378
		gear assembly before serial F95266P and			nut
		after serial F12689P. Use 1324 3837,	CJ	1308 0569	brace
		1344 5218 worm gear assembly, 1308 1625	CK	1010 0386	nut
		screw, 1324 3860 double gear, 1012 8221	CL	1307 9132	hex shaft
		washer, 1010 0220 clip before serial	CM	1506 7119	brace
		F12690P.	CN	1307 9140	hex. shaft
	1324 3845	gear drive plate assembly for series	CO	1307 9041	shaft, use 1010 0212 clip on right end
		F1000 after serial F88462P. Use 1324 3845,	CP	1342 7687	collar, includes 1340 2953 screw
		1344 5218 worm gear assembly before	CQ	1324 3894	right side frame for all styles after
		serial F88463P			serial F79418P except F212, F5212, F6212
BY	1324 3860	double gear after serial F12689P. Use		1344 6687	right side frame before serial F79419P
		1324 3860, 1344 5218 worm gear assembly,			and after serial F50421P
		1308 1625 screw, 1012 8221 washer,			Use 1344 6687, 1010 7233 screw (2),
		1010 0220 clip, 1324 3837 gear drive plate			1324 4173 spacer (2), before serial
		assembly for series F25 thru F500, F700,			F50422P
		F5000, F6000 or 1324 3845 gear drive		1324 3902	right side bracket for styles F212, F5212,
		plate assembly for series F1000 before			F6212 after serial F50558P
		serial F12690P		1645 1460	right side frame before serial F87216P
BZ	1010 0220	clip. Use 1048 6033 shoulder screw,			and after serial F50558P. Use 1645 1460,
		1338 9051 pivot, 1342 7505 roller for			1010 7233 screw (2), 1324 4173 spacer
		register B, series F1000			(2) before serial F50559P
CA	1308 1625	screw after serial F12689P. Use 1308 1625	DA	1010 0220	clip
		1344 5218 worm gear assembly, 1324 3860	DB	1027 3241	spring
		gear, 1012 8221 washer, 1010 0220 clip,	DC	1026 9850	spring
		1324 3837 gear drive plate assembly for	DD	1308 0882	link
		series F25 thru F500, F700, F5000,	DE	1307 9264	arm
		F6000 or 1324 3845 gear drive plate	DF	1010 0212	clip
		assembly for series F1000 before serial	DG	1324 2409	link
		F12690P	DH	1010 0154	clip
CB	1012 8221	washer	DI	1307 9066	arm
CC	1308 1567	threaded stud	DJ	1324 3902	right side bracket after serial F87215P
	1308 1559	threaded stud for old style 9 register			Use 1645 1460 before serial F87216P
		construction			and after serial F50558P. Use 1645 1460,
CD	1010 3968	collar for "B" register			1010 7233 screw (2), 1324 4173 spacer
	1342 7505	double flanged collar for "C" register			(2) before serial F50559P
CE	1307 8993	plate after serial F9114P. Use 1307 8993,	DK	1010 0378	nut
		1308 0460 arm assembly, 1027 1740 screw,	DL	1010 9601	screw
		1010 5476 screw, 1011 3074 spring,	DM	1343 0855	spring
		1340 8943 spring, 1324 4108 arm before	EA	1640 5656	gear
		serial F9115P	EB	1344 6646	screw

Accumulation

REGISTER TIMING SLIDE MECHANISM - 4 AND 9 REGISTER SELECTION (PLATE VII-12)

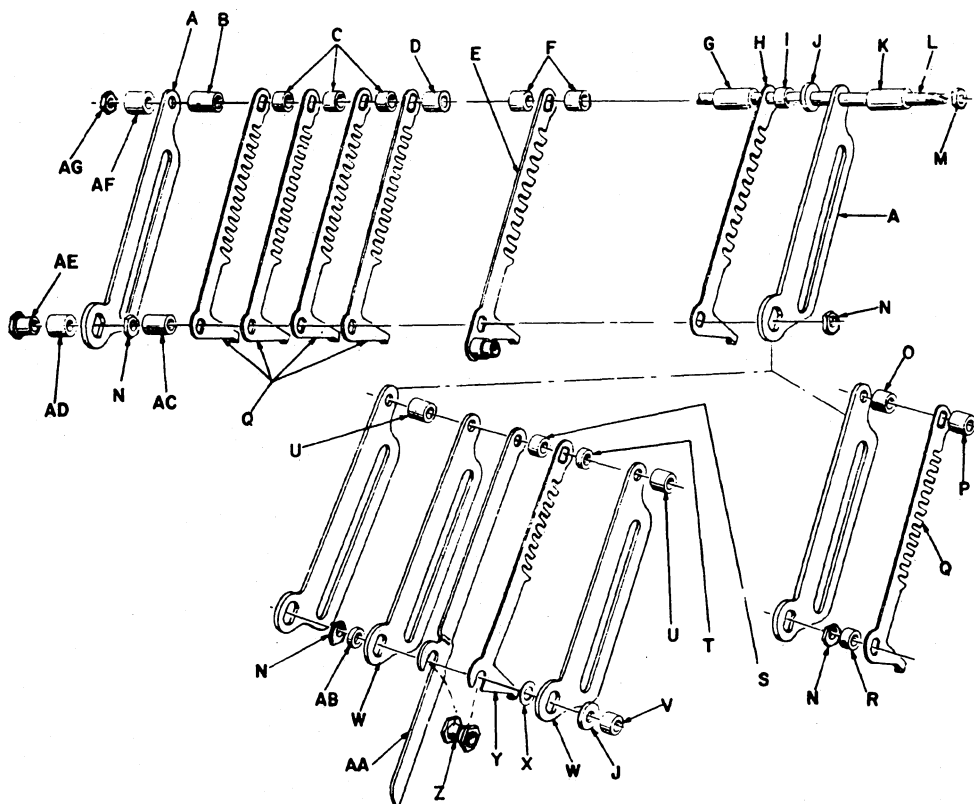


PART NUMBERS (PLATE VII-12)

A	1339 9191	hex. guide post, use 1256 7442 lockwasher, 1010 0378 nut. Use 1339 9191, 1307 0255 washer, 1300 1490 clip when replacing slotted guide post			
B	1304 0159	slide, after serial F19255P, except on styles having crossfooter "A" non-clear lock. Use 1304 0159, 1325 3315 latch before serial F19256P	F	1338 7477	shoulder nut after serial F82536P. Use 1338 7477, 1325 4040 post, 1301 0251 screw, 1303 9862 bellcrank before serial F82537P for styles having register selection or overdraft interlock. Use 1010 0360 nut, 1256 7442 lockwasher on styles without register selection or overdraft interlock
	1325 3752	slide on styles having crossfooter "A" non-clear lock			
C	1325 3315	latch after serial F19255P. Use 1325 3315, 1304 0159 slide before serial F19256P	G	1304 2064	screw, use 1256 7442 lockwasher, 1010 0360 nut
D	1303 9862	bellcrank after serial F27933P. Use 1303 9862, 1325 4040 post, 1338 7477 shoulder nut, 1301 0251 screw before serial F27934P	H	1026 9900	spring
E	1325 4040	post, for all styles after serial F82536P. Use 1325 4040, 1338 7477 shoulder nut, 1301 0251 screw, on all series except F50, F100, F200 before serial F82537P. Use 1325 4040 post, 1338 7477 shoulder nut,	I	1027 3050	spring for styles having register section in "B" only
				1017 1411	spring for styles having register sections in "B" and "C"
			J	1300 1490	clip
			K	1307 0255	washer

Accumulation

LOCK PLATES (PLATE VII-13)



PART NUMBERS (PLATE VII-13)

A	1306 5743	guide		
B	1306 7293	second spacer from left		
C	1306 7277	spacer between date columns		
D	1306 7681	.302" long	} first spacer to the	
	1342 7190	.318" long		
E	1502 0613	lock plate for series F5000, F6000, except style F6760 after serial F159903P		
	1502 0639	lock plate for style F6760 after serial F159903P		
	1304 9879	lock plate for style F25, series F50 thru F500, F700, except styles F207, F214 after serial F41227P, use on style F1050 and all styles F1200, F1400. Also use on series F5000, F6000, except style F6760 before serial F159904P.		
	1304 9887	lock plate for styles F207, F214 after serial F41227P		
	1334 9550	lock plate for style F6760 before serial F159904P		
	1334 9535	lock plate for all styles F1300, F1500		
F	1306 7871	.352" long second spacer to the right of date section		
	1306 7277	.159" long	} second and/or third	
	1306 7624	.326" long		
	1306 7632	.712" long, second and/or fourth spacer to right of date section		
	1306 7269	.518" long, third spacer to right of date section		
	1342 7190	.318" long, first, second, third, fourth and fifth spacer to right of date section		
	1337 4756	.386" long, third spacer to right of date section		
	1306 7897	.229" long, fourth spacer to right of date section		
	1306 7715	.403" long, fifth spacer to right of date section		
	1306 7681	.280" long, third spacer to right of date section		
	1306 7673	.270" long, fifth spacer to right of date section		
G	1306 7251	.666" long spacer between amount columns		
	1306 7871	.352" long, spacer to the right of character columns		
	1306 7681	.280" long, spacer to the left of character columns		
H	1304 9838	lock plate (10 slots)		
	1334 9543	lock plate (10 slots), use only in first position on left (yr. col.) on all machines with rotary calendar feature		
I	1306 7665	.260" long	} select one-first	
	1306 7673	.270" long		
	1306 7681	.280" long		
J	1026 9827	washer		
K	1306 7285	collar		

PART NUMBERS CONTINUED ON NEXT PAGE

Accumulation

PART NUMBERS (PLATE VII-13) CONTINUED

L	1334 6549	shaft		W	1306 5750	guide plate
	1334 6838	shaft, used in front for series F1000		X	1023 8004	washer
M	1030 1687	nut		Y	1304 9853	lock plate
N	1306 7830	eccentric		Z	1306 7616	spacer
O	1342 6960	collar		AA	1306 6022	guide
P	1342 6945	collar		AB	1017 0744	collar
Q	1304 9846	lock plate (13 slots)		AC	1306 7301	collar
R	1342 6952	collar		AD	1337 6199	collar for series F1000
S	1306 7723	collar			1306 7798	collar for all other series
T	1306 7640	.075" long	} select	AE	1341 7340	shoulder nut for series F1000
	1306 7657	.105" long			1342 8222	nut for all other series
	1337 4020	.100" long		AF	1306 7798	collar
U	1017 0835	collar		AG	1342 8222	nut
V	1306 7277	collar				

COMPLETE LOCK PLATE ASSEMBLIES (Plate VII-14)

For styles and special features not listed, order by machine style, serial number, factory order number and describe special features

STANDARD MACHINE STYLES
F25 THRU F500, F700

PART NUMBERS

F25, F50, F55, F103, F104, F203, F204, F403	1334 6580
F51	1334 6564
F101, F201, F205, F401	1334 6556
F121, F123, F212, F223, F423	1334 6788
F210, F211	1334 6630
F214	1334 7471
F301, F501	1334 6598
F303, F503, F707	1334 6754
F305, F505	1334 6572
F404	1334 6960
F511, F512, F513	1334 6804
F760	1334 7240

F1000

After Serial
F135526PBefore Serial
F135527P

F1050, F1103, F1203, F1250, F1403	1334 7307	1334 6986
F1101, F1201, F1401	1334 7299	1334 6978
F1211	1334 7349	1334 7034
F1301, F1306, F1458, F1501, F1506	1334 7257	1334 6846
F1303, F1307, F1503, F1507, F1707	1334 7265	1334 6887
F1404	1334 7372	1334 7075
F1423	1502 2601	

F5000, F6000

After Serial
F159903PBefore Serial
F159904P

F5101, F5201, F5401, F6101, F6201	1502 0654	1334 6556
F5103, F5203, F5204, F5250, F5403,		
F5707, F6103, F6104, F6203, F6204,		
F6250, F6263, F6403,	1502 0688	1334 6580
F5211	1502 0654	1334 6630
F5212, F5213, F6212, F6213, F6221,		
F6223, F6423	1502 0845	1334 6788
F5301, F5501, F6301, F6306, F6501,		
F6506	1502 0704	1334 6598

PART NUMBERS CONTINUED ON NEXT PAGE

Accumulation

PART NUMBERS (PLATE VII-14) CONTINUED

PART NUMBERS

F5303, F5503, F6303, F6307, F6503,

F6507

F5510, F6510

F5706

F6211, F6262, F6282, F6284

F6214

F6305, F6505

F6401

F6404

F6706

F6707

F6760

F6761

1502 0829

1502 0852

1502 0654

1502 0712

1502 0837

1502 0704

1502 0902

1502 0688

1502 0944

1502 0944

1334 6754

1334 6804

1334 6598

1334 6630

1334 7471

1334 6572

1334 6556

1334 6960

1334 6598

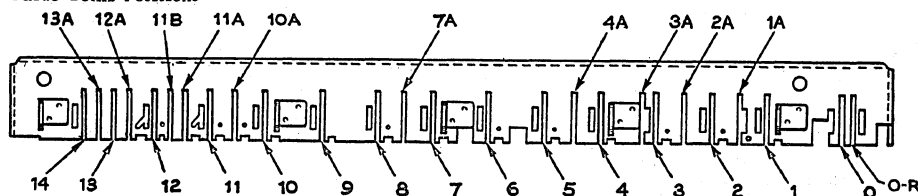
1334 6754

1334 7240

1334 6754

✓ RACK BAR CHART (PLATE VII-15)

Guide Comb Positions



NOTE: Guide comb positions without A are in direct alignment with the keyboard columns "1" thru "10" only; i.e. comb position "1" is the same as keyboard column "1" etc. The "A" positions are to the left of keyboard columns, and O-R is to the right of column "0". To order rack bars, refer to illustration for number of guide comb position, to chart for corresponding letter and to parts list for number of part, e.g. the rack bar for column "1" of style F25 is letter "A" of the chart and the part number for "A" is 1335 1457 of the parts list.

MACHINE STYLES	GUIDE COMB POSITIONS														
	14	12A 13 13A	12	11B	11A	11	10A	7A	4A	3A	2A	1A	1 Thru 10	O	O-R
F403, F707, F1050, F1103, F1203, F1250, F1403, F1707, F5103, F5203, F5204, F5403, F6103, F6203, F6204, F6403, F9050, F9103, F9203, F9250	C	C	W	K	I	J	E	E	E		G	F	A	D	
F51, F106, F108, F206, F211, F1211, F5211, F6211, F9211	C	C	O	C	I	A			E		G	F	A	C	B
F1101, F1201, F1301, F1302, F1306, F1401, F1501, F1502, F1506, F5101, F5201, F5401, F6101, F6201, F6401, F9101, F9201, F9301, F9431, F9501	C	C	O	K	I	A	E	E	E		G	F	A	D	
F102, F202	C	C	O	C	I	J					G	F	A		
F105, F205	C	C	A		I	A	E	E	E		G	F	A		
F121, F123, F212, F213, F221, F223, F421, F423, F5212, F5213, F6212, F6213	O	C	A	A	A	A	A	I	E		G	F	A	C	V
F214, F760	C	C	N	K	L	K	E	E	E			E	A	D	
F301, F302, F306, F501, F502, F506, F5301, F5501, F6301, F6501	C	C	O	K	I	A	R	S	E		G	E	A	D	
F303, F307, F503, F507, F1303, F1307, F1503, F1507, F5303, F5503, F5707, F6303, F6503, F6707, F9303, F9433, F9503	C	C	N	K	I	J	R	S	E		G	E	A	D	
F305, F505	C	C			L	A	R	S	E		G	E	A	D	
F402	C	C	A	K	M	A		E	E	H	G	E	A		
F404, F1401, F6404, F9404	C	C	A	K	M	A	G	E	E	H	U	E	A	P	
F511, F512, F513, F5510, F6510	O	C	A		T	A	T						A	D	

PART NUMBERS CONTINUED ON NEXT PAGE

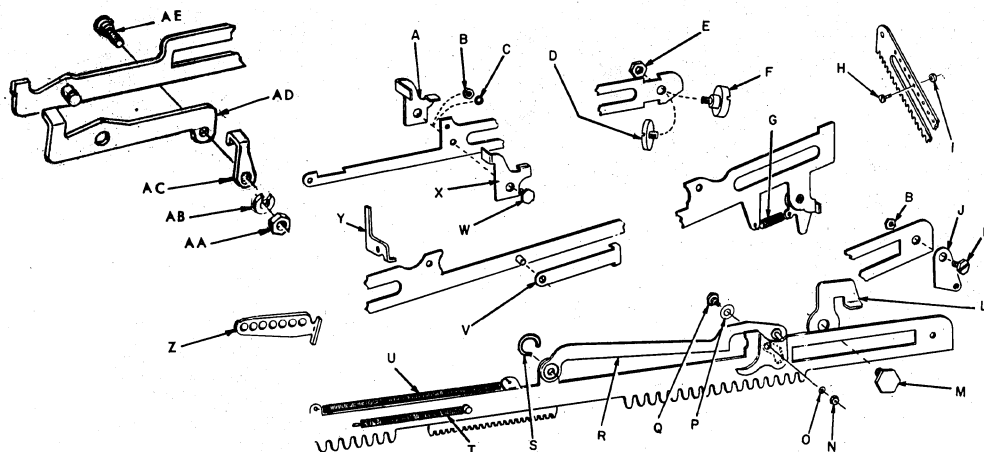
Accumulation

PART NUMBERS (PLATE VII-15) CONTINUED

A	1335 1457	for all series except column 10 of styles F305, F505 having automatic fee indexing mechanism			F503, F1301, F1303, F1501, F1503 having register designation rack bar in position 11A
	1305 0455	for column 10, F305, F505	J	1305 0455	
	1335 1853	for columns 1 and 2 of styles F211, F212, F5211, F5212, F6211, F6212 having automatic fee indexing mechanism	K	1305 0513	Use 1335 1945 for column 11 characters styles F760, F6760. Use 1305 0372 in column 12 of styles F50, F59, F103, F104, F203, F204, F403 before serial F8419P. Use 1335 1697 in position 11B of styles F301, F303, F501, F503, F1301, F1303, F1501, F1503 having register designation symbol to print only from depression of keys in column "0". Use 1305 0430 when machines have register designation rack bar in position 11A. Use 1305 0521 in columns 11B and 12 of styles F203, D403, F1203, F1403 having register selection from keyboard column "0". Use 1344 4096 in column 11B of series F300, F500 with register selection carriage control to prevent selection of a higher numbered register from keyboard column "0". Use 1305 0620 in column 1A of style F212. Use 1335 1275 in column 1A of style F214
	1335 1879	for columns 3 thru 12 of style F211, for columns 3 thru 11 of styles F5211, F6211 and columns 3 thru 14 of styles F212, F5212, F6212 having automatic fee indexing mechanism			
B	1335 1259				
C	1305 0406	after serial F9004P, except for column 14 of styles having calendar feature with advancing month and year control carriage controlled			
	1344 6604	before serial F9005P			
	1305 0448	for column 14 of styles having calendar feature with advancing month and year control carriage control			
D	1335 1903	after serial F124449P. Use 1335 1903, 1303 9672 bellcrank before serial F124450P			
E	1335 1275	Use 1343 4675 in position 7A of styles F103, F203, F303, F403, F503 with calendar feature with advancing month and year control, carriage controlled	L	1305 0422	
	1502 4227	control slide in position 7A for series F6000 with calendar feature having advancing month and year carriage controlled. Use 1343 4022 in positions 1A and 4A for styles F301, F303, F305, F501, F503, F505 with multiple counter dials	M	1305 0588	
			N	1305 0521	
			O	1305 0489	after serial F23784P except column 12 of style F5211, F6211 having automatic fee indexing mechanism. Use 1305 0455 before serial F23785P
				1335 1937	for styles F5211, F6211 with automatic fee indexing mechanism
F	1335 1143	Use 1335 1275 in position 1A of styles F201, F203, F204, F205, F401, F403, having multiple counter dials with or without amount keys depressed. Use 1305 0620 in position 1A of styles F212, F5212, F6212	P	1335 1911	
			Q	1305 0448	
			R	1343 4006	
			S	1343 4022	Use 1343 4675 for styles F103, F203, F303, F403, F503 having calendar feature with advancing month and year control, carriage controlled
G	1305 0562	for count advance, carriage controlled with amount keys depressed	T	1305 0539	
H	1305 0612		U	1335 1705	
I	1305 0596	for count advance, carriage controlled, without amount keys depressed. Use 1305 0430 on styles F301, F303, F501,	V	1335 1838	for styles F211, F212 having automatic fee indexing mechanism
			✓ W	1305 0554	

Accumulation

RACK BAR SPRINGS AND LIMITS (PLATE VII-16)

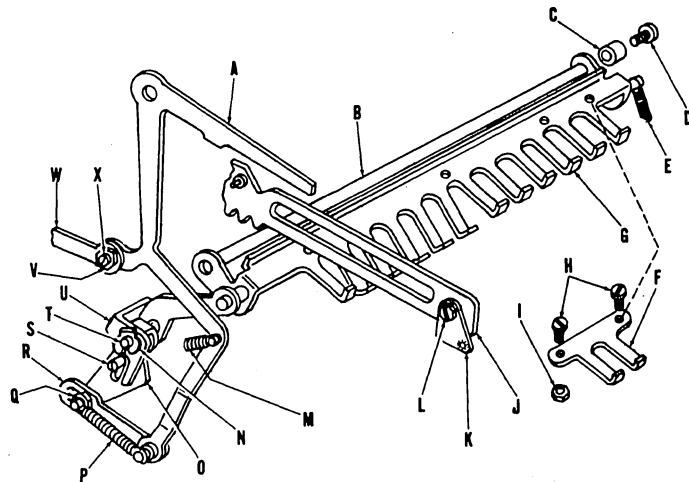


PART NUMBERS (PLATE VII-16)

A	1335 1762	repair lip for all styles except F404, F1404	1027 2037	for rack bar to control automatic count from key depression	
	1305 0356	repair lip, includes B, C, W for all styles except F404, F1404	1306 8150	for rack bar to disable carriage opening during crossfooter "A" plus total operation when the amount exceeds \$. 99	
	1335 1887	repair lip for styles F404, F1404			
B	1010 0469	nut	1340 8919	for automatic count rack bars of styles F402, F404, F1404	
C	1256 7426	lockwasher	1026 9454	for automatic check count rack bars of styles F212, F5212, F6212,	
D	1508 4999	screw	1028 8942	for automatic count rack bar controlled from lane 17 of styles F212, F5212, F6212	
E	1013 7883	nut	1027 7168	for rack bar to advance months and year with rotary calendar feature and for all counter dial rack bars except on series F300, F500, with multiple counter dials	
F	1342 9881	screw, use 1010 0402 nut	1027 7523	for counter dial rack bars on series F300, F500 with multiple counter dials	
G	1027 2045	spring	U	1340 8851	spring, has yellow tip, for register selection columns and for the right column of a specified split in crossfooter
H	1340 4694	screw		1306 8168	spring, copper plated
I	1338 7675	nut	V	1305 0638	strip
J	1335 0368	plate	W	1343 0251	screw
K	1048 5951	screw	X	1305 0414	repair lip, includes B, C, W
L	1306 6071	limit	Y	1334 9873	limit stop on guide strip for rack bars in column "0", use 1303 1745 screw, 1010 0360 nut
M	1303 1562	screw, use 1010 8736 washer, 1028 8702 nut	Z	1335 0640	limit, used with 1335 1903 and 1335 1911 rack bars, use 1010 7308 screw, 1337 9078 or 1337 8641 spacer, 1256 7715 lockwasher, 1010 0378 nut
N	1010 0477	nut	AA	1010 0360	nut
O	1256 7400	lockwasher	AB	1256 7442	lockwasher
P	1010 4974	washer	AC	1502 6826	clamp
Q	1340 5691	screw	AD	1502 6818	repair limit
	1306 8069	rivet	AE	1502 6834	screw
R	1505 4026	repair latch (stud .247" long) for 10 pitch rack bars in listing columns, use 1505 4026 (grind stud to .185" long) for 10 pitch rack bars in extended total and count columns			
	1505 4034	repair latch (stud .185" long) for 12 pitch rack bars in calendar feature columns			
	1304 9796	latch (stud .247" long) for 12 pitch bar in register designation column, use 1306 7921 rivet			
	1502 9903	repair latch for register selection rack bar, use 1502 9911 roller, 1255 3392 clip			
S	1255 3392	clip for repair latches			
T	1306 8184	spring for all rack bars except as listed below			

Accumulation

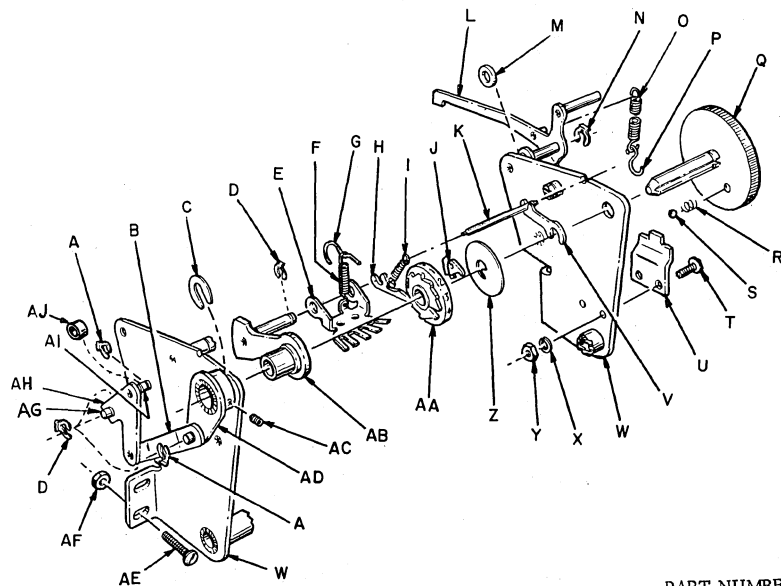
NON-ADD AND NON-CLEAR MECHANISM, CARRIAGE CONTROLLED (PLATE VII-17)



PART NUMBERS (PLATE VII-17)

A	1303 7635	bellcrank, includes R. Refer to Sensing Lever Bellcranks for other styles	O	1325 9940	arm, after F54914P. Use 1325 9940 arm, 1325 9932 nut, 1324 3290 hook, 1340 2169 collar and 1340 2177 eccentric before F54915P
B	1303 4210	shaft	P	1027 2813	spring
C	1010 3505	collar	Q	1325 9932	nut, after F54914P. Use 1048 5977 spring anchor stud and 1010 0360 nut before F54915P
D	1044 3109	screw	R	-- --	included in A
E	1027 2045	spring	S	1010 5187	screw stud, use 1010 0378 nut
F	1324 6350	auxiliary bail	T	1304 2262	screw post
G	1324 6343	rake	U	1303 5035	bail
H	1010 9999	screw	V	1010 8751	eccentric bushing
I	1010 0394	nut	W	1303 8567	link, use 1027 3209 spring
J	1305 0653	rack bar	X	1017 2773	screw, use 1010 0469 nut
K	1335 0368	plate			
L	1048 5951	screw, use 1010 0469 nut			
M	1027 6566	spring, use 1026 6963 spring anchor			
N	1010 0220	clip			

COUNTER DIAL ASSEMBLY - F5000, F6000 (PLATE VII-18)



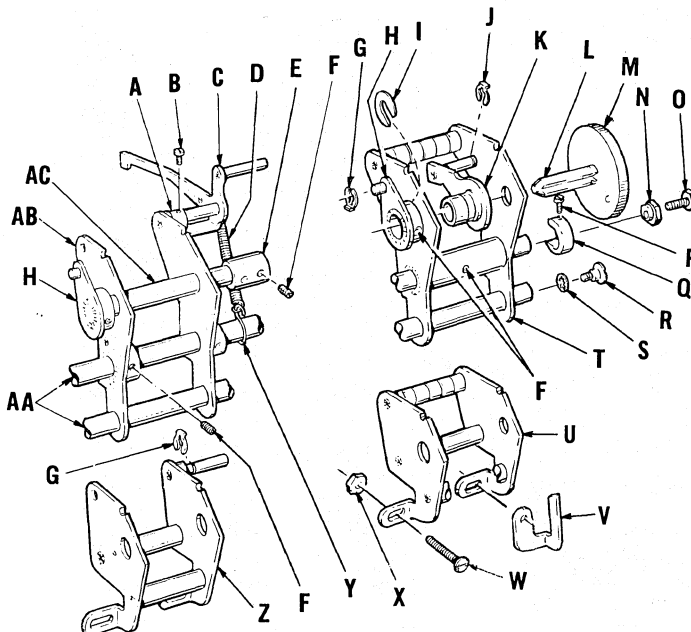
PART NUMBERS ON NEXT PAGE

Accumulation

PART NUMBERS (PLATE VII-18)

1324 3605	complete counter dial assembly for series F5000 and F6000, except styles F5212, F6212, F6214 and F6760; includes A thru K, Q, R, S, W, Z, AA thru AD, AG, AH	1307 9124	reset wheel and shaft for non-resettable dials
1324 3555	complete counter dial assembly for F5212 and F6212, includes A thru S, V thru Z, AA thru AD, AG, AH	R	1340 8927 spring
1324 3712	complete counter dial assembly for F6214 and F6760, includes A thru I, K, Q thru Z, AA thru AD, AG, AH	S	1028 7415 ball bearing
A	1010 0220 clip	T	1256 0850 screw
B	1324 4421 bellcrank	U	1324 4595 plate
C	1337 2388 clip	V	1324 4348 spacer
D	1010 0212 clip	W	1324 3548 frame, for F5212 and F6212
E	1324 4355 bail	1324 3597	frame, for all series F5000 and F6000, except styles F5212 and F6212
F	1026 9751 spring	X	1256 7442 lockwasher
G	1341 2267 anchor	Y	1256 5248 nut
H	1324 4314 detent	Z	1026 9603 plate
I	1340 9677 spring	AA	1324 4330 wheel
J	1324 4520 reset pawl	AB	1324 3738 arm
K	1307 9090 shaft	AC	1255 7997 setscrew
L	1324 4223 bellcrank	AD	1308 0767 arm
M	1342 6796 collar	AE	1256 1122 screw for F6000
N	1010 0238 clip	1256 1106	screw for F5000
O	1017 1494 spring	AF	1256 5263 nut
P	1026 6344 anchor	AG	1013 8295 repair stud, use 1229 6091 collar
Q	1307 9116 reset wheel and shaft for resettable dials	AH	1324 4439 bellcrank, includes stud AI having two grooves
			Use 1324 4439 and 1377 6124 spacer to replace bellcrank with one groove on stud AI
		AI	- -- included in AH
		AJ	1377 6124 spacer

COUNTER DIAL ASSEMBLY - F50 THRU F500, F700 (PLATE VII-19)



PART NUMBERS (Plate VII-19)

NOTE: Refer to COUNTER DIAL ASSEMBLY - F5000, F6000 for parts not shown

Complete Counter Dial Assemblies

1308 0650 shaft mounted counter - for series F50 thru F500, except style F214, includes F,

H thru M, T; and parts E thru K, R, S, V, Z, AA, PLATE VII-18

PART NUMBERS CONTINUED ON NEXT PAGE

Accumulation

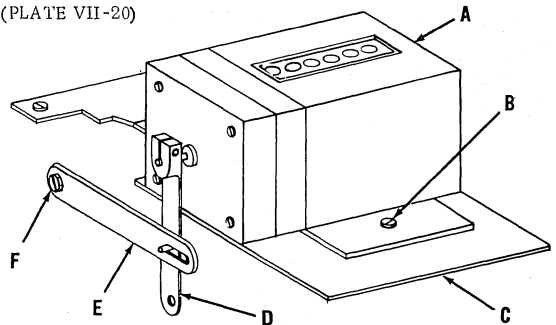
PART NUMBERS (PLATE VII-19) CONTINUED

1308 0726	shaft mounted counter - for F214 having front case panel with form heading holder; includes F, H thru M, T; and parts E thru I, K, R, S, V, Z, AA, PLATE VII-18	1343 4055	arm, for series F300 and F500 with multiple counter dials (4), position 4 only
1308 0718	shaft mounted counter - for F214 before front case panel with form heading holder; includes F, H thru M, T; and parts E thru I, R, S, V, Z, AA, PLATE VII-18	I	1337 2388 clip
		J	1010 0212 clip, after B199473
			1010 9163 screw, before B199474
		K	1308 0734 arm
		L	1307 9108 shaft
		M	1307 9116 reset wheel, for resettable dials, includes L
1324 3662	bar mounted counter - for F50 thru F500 and F700, except styles F214 and F760, includes F, H thru M, U; and parts E thru K, R, S, V, Z, AA, PLATE VII-18		1307 9124 reset wheel, for non-resettable dials, includes L
1324 3696	bar mounted counter - for F214, includes F, H thru M, U, and parts E thru I, K, R, S, V, Z, AA, PLATE VII-18	N	1046 7538 eccentric
1324 3704	bar mounted counter - for F760, includes F, H thru M, U; and parts E thru I, K, R, S, V, Z, AA, PLATE VII-18	O	1343 0053 screw
A	1027 7101 collar, includes B	P	1010 9163 screw, included in Q
B	1010 9643 screw, included in A	Q	1044 2713 set collar, for non-resettable dials, includes P
C	1324 4223 bail	R	1010 5930 shoulder screw
D	1017 1494 spring	S	1010 4354 washer
E	1342 7232 coupler, includes F	T	1308 0643 frame, for shaft mounted dials
F	1255 7997 set screw, included in E, H	U	1324 3654 frame, for bar mounted dials
G	1010 0220 clip	V	1324 4579 arm
H	1308 0759 arm, includes F	W	1027 7390 screw
		X	1010 0402 nut
		Y	1026 6963 anchor
		Z	1324 3688 bracket
		AA	1307 9082 shaft
		AB	1308 0676 side frame
		AC	1307 9157 extension shaft

CYCLE COUNTER (PLATE VII-20)

PART NUMBERS (PLATE VII-20)

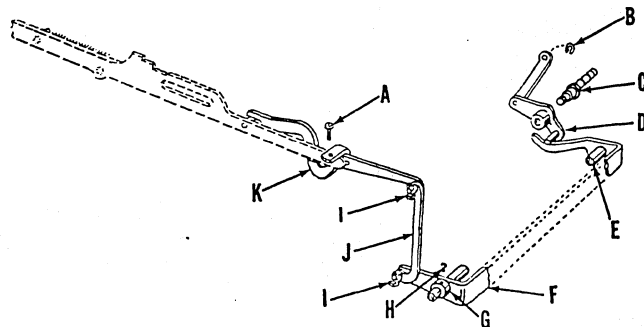
A	1324 3613	cycle counter (non-reset)
B	1010 8983	screw (2 req.), use 1010 0386 nuts
C	1328 7834	mounting plate
D	1324 3746	actuating link, includes 1257 2269 screw
E	1328 7842	drive link
F	1340 2987	shoulder screw



AUTOMATIC COUNT CONTROLS, STYLE F402 (PLATE VII-21)

PART NUMBERS (PLATE VII-21)

A	1010 8991	screw, use 1010 0378 nut
B	1010 0154	clip
C	1342 9782	screw post, use 1010 0360 nut
D	1303 4483	arm
E	1307 9082	shaft
F	1303 4541	bail
G	1025 6832	collar
H	1010 8967	screw
I	1010 0220	clip
J	1303 4566	link
K	1303 4616	arm, after F10979P
	1303 4608	arm, before F10980P

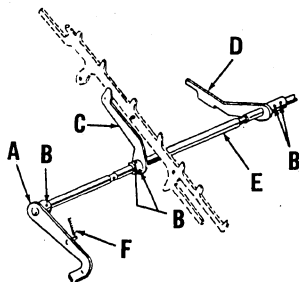


Accumulation

AUTOMATIC COUNT OR CHECK COUNT INDEXING CONTROLS (PLATE VII-22)

PART NUMBERS (PLATE VII-22)

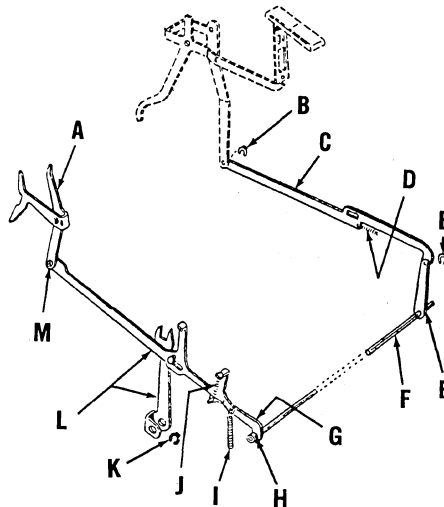
A	1306 6030	arm
B	1303 1836	setscrew
C	1306 5990	arm
D	1306 5974	arm
E	1334 9519	shaft, with 2 clip grooves
	1304 9754	shaft, with 4 clip grooves
F	1015 2262	spring



CROSSFOOTER COUNT SECTION SHIFTING CONTROLS (PLATE VII-23)

PART NUMBERS (PLATE VII-23)

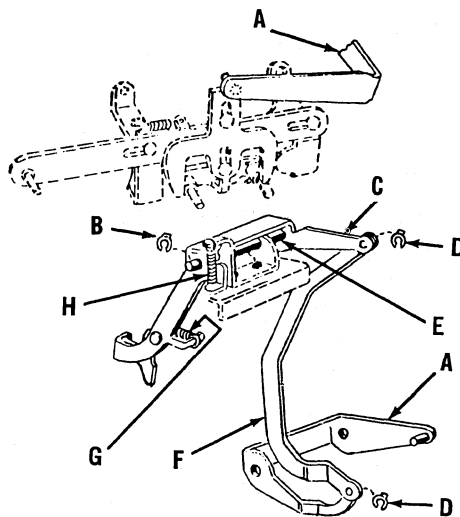
A	1335 0038	bellcrank, after F49008P Use 1335 0038 bellcrank and 1342 9915 eccentric screw before F49009P
B	1010 0220	clip
C	1303 6702	link
D	1026 9850	spring, use 1300 1409 spring anchor
E	-- --	included in F
F	1303 4202	shaft, includes E, G and H
G	-- --	included in F
H	1255 0315	pin, included in F
I	1014 6298	spring, use 1026 6351 spring anchor
J	1027 3076	spring
K	1010 0238	clip
L	1303 6488	link
M	1342 9915	eccentric screw, use 1010 0444 nut



AUTOMATIC CARRY COUNT CONTROLS, ACCUMULATOR "B" (PLATE VII-24)

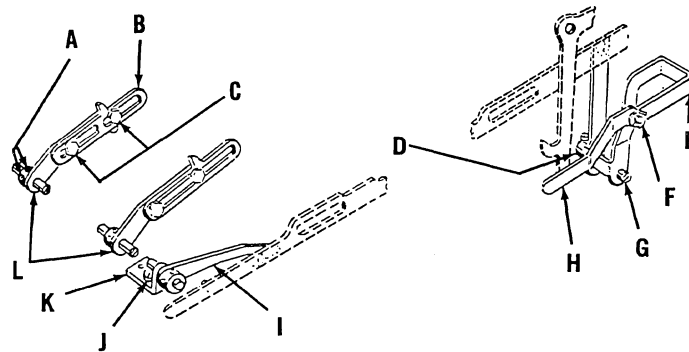
PART NUMBERS (PLATE VII-24)

A	1324 9735	arm, after F46050P Use 1324 9735 arm, 1308 1401 screw and 1028 7704 washer before F46051P
B	1010 0220	clip
C	1324 9925	pass by pawl assembly
D	1010 0212	clip
E	1304 8236	shaft
F	1303 6892	link
G	1027 2045	spring
H	1026 9751	spring



Accumulation

AUTOMATIC FEE INDEXING MECHANISM (PLATE VII-25)



PART NUMBERS (PLATE VII-25)

A	1255 7997	screw	H	1325 2002	link
B	1335 0335	link	I	1334 9998	arm
C	1026 4059	screw	J	1304 2775	hex screw, use 1010 0360 nut
D	1025 6832	collar, use 1010 3919 setscrew	K	1325 5302	brace
E	1324 9693	bellcrank	L	1335 0004	arm, use 1026 9769 spring and 1026 6963 spring anchor
F	1010 0147	clip			
G	1303 4095	shaft			

BASIC SERIES F

ACCOUNTING MACHINES

Includes

F25—F500,F700,F1000,F5000,F6000

SECTION

VIII

Burroughs

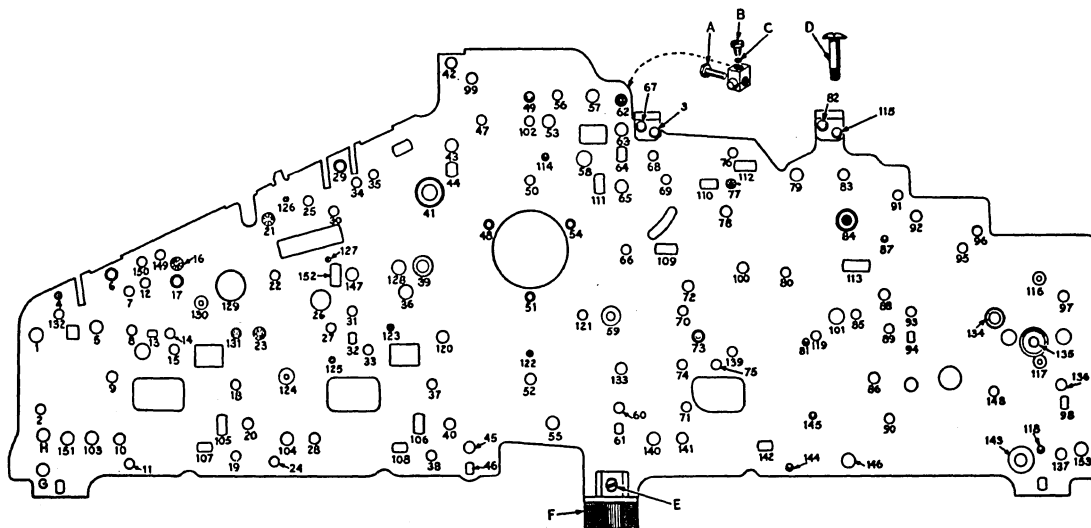
FIELD ENGINEERING

PARTS CATALOG

SIDE FRAMES

Side Frames

RIGHT SIDE FRAME (PLATE VIII-1)



PART NUMBERS (PLATE VIII-1)

For complete right side frame, order by machine style, serial number, factory order number, and describe special features

	13	1304 0779	screw, use 1010 0378 nut
	14	1304 0779	screw, use 1010 0378 nut
	15	1304 1025	post, use 1256 7442 lockwasher, 1010 0378 nut
	16	1304 1173	riveted stud
	17	1325 4263	post, after F69720P Use 1325 4263 post and 1325 4255 post before F69721P and after F25672P
		1304 2072	post, before F25673P
	18	1010 9023	screw, use 1304 0639 collar, 1010 0378 nut
	19	1304 1223	screw, use 1010 0378 nut
	20	1304 1215	hex post, use 1010 0402 nut
	21	1342 9741	riveted stud
	22	1325 4123	post, after F66814P
		1304 1983	post, after F25672P and before F66815P, except Style F213
		1304 1934	post, before F25673P
		1325 4181	post, for Style F213
		1325 4172	post, for machines with crossfooter "A" total and subtotal keys to non-add "B" and "C", use 1256 7442 lockwasher, 1010 0360 nut
	23	1304 1173	riveted stud
	24	1304 2270	hex post, use 1010 0378 nut
	25	1303 1752	screw, use 1010 5757 space collar, 1010 0378 nut
	26	1306 7582	bearing, use 1307 6120 nut
	28	-- --	Refer to ACCUMULATOR MOUNTING SCREWS
	29	1343 0277	screw
	30	1304 1108	post, use 1256 7442 lockwasher, 1010 0378 nut
		1304 1066	post, use 1256 7442 lockwasher, 1010 0378 nut on Series F50, F100, F200 before F25673P
	31	1304 1298	screw, use 1010 0378 nut
	32	1304 0779	screw, use 1010 0378 nut
Position No.			
A	1304 2056	screw	
B	1304 1645	screw	
C	1303 8278	brass pellet	
D	1303 1281	screw, use 1303 0507 shim	
E	1028 9262	screw, use 1010 0410 nut after B175371	
	1304 2825	screw, use on left side front and rear	Use on machines after B61080 and before B175372
	1304 2833	screw, use on right side front and rear	
	1028 9262	screw, use on right and left side center	
F	1304 3021	rubber foot, after B175371 Use 1304 3021, 1300 8149 screw and 1028 9262 screw before B175372	
	1304 3047	rubber foot, used on right rear of series F300 and F500	
G	1010 5930	screw, use 1010 4354 lockwasher	
H	1035 1948	screw, use 1046 7538 eccentric	
2	1304 1249	post, use 1010 0378 nut	
3	1304 2189	rivet	
4	1304 2791	riveted stud	
5	1010 6110	screw	
6	1304 1538	screw	
7	1304 0779	screw, use 1010 0378 nut	
8	1304 1181	post, use 1010 0378 nut	
9	1304 0845	post, use 1010 0428 nut	
10	-- --	Refer to ACCUMULATOR MOUNTING SCREWS	
11	1304 1009	stud, use 1010 0378 nut	
12	1304 0779	screw, use 1010 0378 nut	

PART NUMBERS CONTINUED ON NEXT PAGE

Side Frames

PART NUMBERS (PLATE VIII-1) CONTINUED

Position No.		Position No.	
33	1304 1355 post, use 1304 0605 collar, 1015 1579 collar, 1256 7442 lockwasher, 1010 0378 nut	73	1342 8792 riveted stud
	1304 1330 post, use 1304 0605 collar, 1015 1579 collar, 1256 7442 lockwasher, 1010 0378 nut on machines with old style spot welded bellcrank	74	1304 0779 screw, use 1010 0378 nut
34	1304 0779 screw, use 1010 0378 nut	75	1010 9205 screw, use 1010 0378 nut
35	1304 0779 screw, use 1010 0378 nut	76	1340 0411 screw, use 1344 4625 washer, 1342 8354 nut
37	1010 9023 screw, use 1304 0639 collar, 1010 0378 nut	77	1304 2205 riveted stud
38	1304 1223 screw, use 1010 0378 nut	78	1304 2437 post, use 1010 0402 nut
40	1304 1215 hex post, use 1010 0402 nut	80	1304 1579 post, use 1338 7220 nut
41	1304 2718 post, use 1342 8271 nut Use 1304 2676 post and 1342 8271 nut before F26087P	81	1304 0761 riveted stud
42	1304 2049 square post, use 1010 0436 nut	82	1304 2189 rivet
43	1304 0787 screw	83	1304 1728 post, use 1010 0428 nut Use 1304 1652 post and 1010 0428 nut for Series F50, F100, F200 before F25673P
44	1304 0787 screw	84	1304 2239 riveted stud
45	1304 2171 screw	85	1304 1579 post, use 1010 0360 nut
46	1304 2171 screw	86	1304 0845 post, use 1010 0428 nut Use 1308 0845 post and 1010 0428 nut for Series F50, F100, F200 before F25673P
47	1304 1868 hex post, use 1010 0386 nut for Series F50 and F100 thru F500	87	1304 2577 riveted stud
	1342 0104 post, for F1000 before F105141P	90	1304 2254 screw post, use 1010 0329 nut Use 1304 2262 screw post on machines with non-add and non-clear mechanism
	1339 1073 post, use 1010 0386 nut, for F5000, F6000, also F1000 after F105140P	91	1340 2524 eccentric post, use 1337 9185 bushing, 1010 4164 washer, 1010 0360 nut and 1500 0011 shim Use 1304 1835 post and 1010 0360 nut before F25716P
48	1300 6788 screw	92	1304 1728 post, use 1010 0428 nut Use 1304 1652 post and 1010 0428 nut on Series F50, F100, F200 before F25673P
49	1304 1512 riveted stud	93	1304 0779 screw, use 1010 0378 nut
50	1304 1017 screw	94	1304 0779 screw, use 1010 0378 nut
51	1300 6788 screw	95	1325 9973 post
52	1304 0845 post, use 1010 0428 nut	96	1340 2532 eccentric post, use 1337 9193 bushing, 1010 4164 washer, 1010 0360 nut and 1027 2896 shim
54	1300 6788 screw		1304 2247 post, before F35187P
55	1335 0418 dowel post, 1335 0400 nut after serial F50697P	97	1304 2296 screw, use 1010 0402 nut Use 1304 2304 screw and 1010 0402 nut for machines with dual net proof mechanism
	1304 1439 post, 1010 0428 nut before serial F50698P and after serial F25683P	98	1028 9262 screw, use 1010 0402 nut after F52583P Use 1304 2809 screw and 1010 0402 nut before F52584P and after B134111. Use 1028 9262 screw and 1010 0402 nut before B134112
	1338 8749 post, 1010 0428 nut before serial F25684P. Use 1304 1454 bushing on machines with large hole in this location	99	1325 8413 eccentric screw post, use 1010 0428 nut
56	1325 4362 post, use 1304 2619 nut and 1011 0146 screw	100	1027 7663 screw, use 1010 0428 nut
59	1304 0993 post, use 1256 7459 lockwasher and 1010 0402 nut	102	1054 0581 screw, use 1010 0378 nut
60	1304 2171 screw	103	-- -- Refer to ACCUMULATOR MOUNTING SCREWS
61	1304 2171 screw	104	-- -- Refer to ACCUMULATOR MOUNTING SCREWS
62	1325 4107 riveted block	107	-- -- Refer to ACCUMULATOR MOUNTING SCREWS
63	1304 0787 screw	108	-- -- Refer to ACCUMULATOR MOUNTING SCREWS
64	1304 0787 screw	114	1304 1405 riveted stud
66	1325 4040 post, use 1338 7477 collar and 1301 0251 screw after F82536P Refer to 4 and 9 REGISTER SELECTION MECHANISM TIMING CONTROLS, for previous construction	115	1304 2189 rivet
67	1304 2189 rivet	116	1035 2284 screw
68	1304 2221 stud, use 1010 0360 nut	117	1010 8470 screw, use 1304 0423 eccentric collar
68	1304 1876 post, use 1010 0378 nut		
70	1304 2213 post, use 1010 0386 nut		
71	1304 1462 stud, use 1010 0378 nut, for Series F50, F100, F200		
	1304 1470 stud, use 1010 0378 nut, for Series F300, F400, F500		

PART NUMBERS CONTINUED ON NEXT PAGE

Side Frames

PART NUMBERS (PLATE VIII-1) CONTINUED

Position

No.

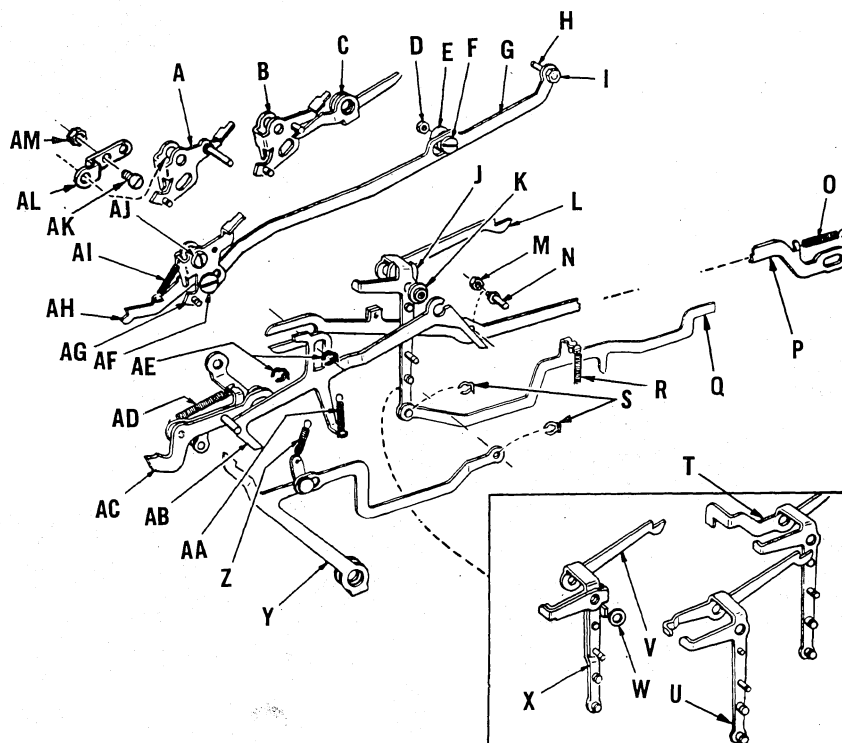
118	1304 0761	riveted stud
119	1339 9191	hex post, use 1256 7442 lockwasher, 1010 0378 nut
120	1339 9191	hex post, use 1256 7442 lockwasher, 1010 0378 nut
121	1304 2064	screw, use 1256 7442 lockwasher, 1010 0378 nut
122	1028 8579	riveted stud
123	1035 2011	riveted stud
124	1340 2938	screw
125	1028 8579	riveted stud
126	1342 9634	riveted stud
127	1339 8888	riveted stud
130	1010 9163	screw
131	1304 2650	riveted stud
132	1304 2361	post, use 1010 0378 nut
134	1325 6722	post, use 1010 6706 screw, 1340 6962 roller and 1010 0147 clip, for machines with single register index plate .083" thick. Use 1325 6722 post, 1010 6706 screw, 1303 0515 washer (2 req.), 1303 0903 roller, 1017 1502 shim and 1010 0147 clip, on machines with double register index plate Use 1325 6722 post, 1010 6706 screw, 1304 0464 roller and 1010 0147 clip, on machines with single register index plate .050" thick

Position

No.

135	1304 2510	eccentric post, use 1010 4933 washer and 1010 0428 nut
136	1342 8552	hex post, use 1010 0410 nut after F49285P Use 1342 8552 hex post, 1010 0410 nut, 1342 8545 hex post, 1343 0418 screw and 1342 7547 spacer, before F49286P
137	1342 8545	hex post, use 1010 0410 nut, after F49285P Use 1342 8545 hex post, 1010 0410 nut, 1342 8552 hex post, 1343 0418 screw and 1342 7547 spacer, before F49286P
139	1304 2866	post, use 1304 0605 collar, 1256 7442 lockwasher and 1010 0378 nut
140	-- --	Refer to ACCUMULATOR MOUNTING SCREWS
141	-- --	Refer to ACCUMULATOR MOUNTING SCREWS
142	-- --	Refer to ACCUMULATOR MOUNTING SCREWS
144	1035 2011	riveted stud
145	1025 6253	riveted stud
148	1325 5096	post, use 1010 0360 nut, 1304 4490 eccentric bushing, 1010 0428 nut
149	1010 3380	screw, use 1010 0378 nut
150	1010 3380	screw, use 1010 0378 nut

ERROR AND REPEAT KEY LINKAGE (PLATE VIII-2)



PART NUMBERS ON NEXT PAGE

Side Frames

PART NUMBERS (PLATE VIII-2)

A	1303 6165	bellcrank		Q	1303 8625	link, use 1325 2499 reset link on machines
B	1303 6157	bellcrank				having symbol restoring bellcrank with
C	1324 6087	arm after serial				yielding joint
		F44816P. Use		R	1027 3076	spring
		1324 6087,		S	1010 0220	clip
		1324 9313 bail,	for machines	T	1303 8880	bellcrank after
		1303 8880	with error			serial F27258P.
		bellcrank,	key to release			Use 1303 8880,
		before serial	repeat of ma-			1324 6087 arm,
		F44817P, on	chine operation			1342 7455 spacer,
		machines WITH	except those			1026 9330 washer
		minus balance	having check			before serial
		lock crossfooter	correction and			F27259P
		"A", motor bar 1	deposit			
		carriage controlled.	correction keys,	U	1303 8906	bellcrank for machines with check and
		Use 1324 6087,	positions 1A			deposit correction keys in positions 1A
		1342 7455 collar,	and 1B			and 1B
		1026 9330 washer,		V	1325 2549	bellcrank, use with part X for repeat
		1303 8880 bell-				of keyboard or repeat of keyboard and
		crank, on machines				repeat of machine operation
		WITHOUT minus		W	1303 9854	collar
		balance lock cross-		X	1325 2556	bellcrank, use with part V for repeat of
		footer "A" motor				keyboard or repeat of keyboard and repeat
		bar 1 carriage				of machine operation
		controlled before		Y	1303 9706	latch for machines WITHOUT interlock
		serial F44817P				on carriage directional keys
	1303 6579	bellcrank for machines with check			1325 3281	latch for machines WITH interlock on
		correction and deposit correction keys				carriage directional keys
		in positions 1A and 1B		Z	1026 9355	spring
D	1010 0378	nut		AA	1026 9363	spring
E	1010 5757	space collar		AB	1324 7879	link for all styles after serial F35698P
F	1303 1752	screw				except as listed below. Use 1324 7879,
G	1303 7049	link				1342 7315 spacer before serial F35699P
H	1340 2250	post, use 1255 3111 clip			1324 7887	link for repeat of keyboard or repeat of
I	1010 0410	nut				keyboard and repeat of machine operation
J	1325 7050	limit stop				except styles F213, F5213, F6213
K	1342 7315	collar			1324 7903	link, for styles F213, F5213, F6213
L	1303 8864	bellcrank for repeat of machine operation,				WITHOUT the above feature
		or repeat of machine operation and repeat			1324 7911	link for styles F213, F5213, F6213 WITH
		of keyboard				the above feature
	1325 2564	bellcrank for repeat of specified columns			1324 7895	link for repeat of specified columns
	1325 2572	bellcrank for repeat of specified columns,		AC	1303 7072	arm for machines WITHOUT repeat of
		with crossfooter "A" non-clear lock				specified columns
	1325 2580	bellcrank for machines having ALL of			1325 5245	arm for machines WITH repeat of
		the following features, repeat of				specified columns
		specified columns; error key depressable		AD	1028 9460	spring
		during machine cycle, releases repeat		AE	1010 0238	clip
		of machine operation; and minus balance		AF	1010 4784	screw
		lock, crossfooter "A" motor bar 1		AG	1303 6140	bellcrank
		carriage controlled		AH	1303 8377	lever
	1502 4532	bellcrank for machines with error key		AI	1013 3114	spring
		to release repeat of machine operation,		AJ	1304 1538	screw, use 1010 6011 washer
		carriage control only		AK	1010 3380	screw
M	1010 0444	nut		AL	1303 6553	brace
N	1340 1401	post		AM	1010 0360	nut
O	1027 6798	spring				
P	1303 8914	slide				

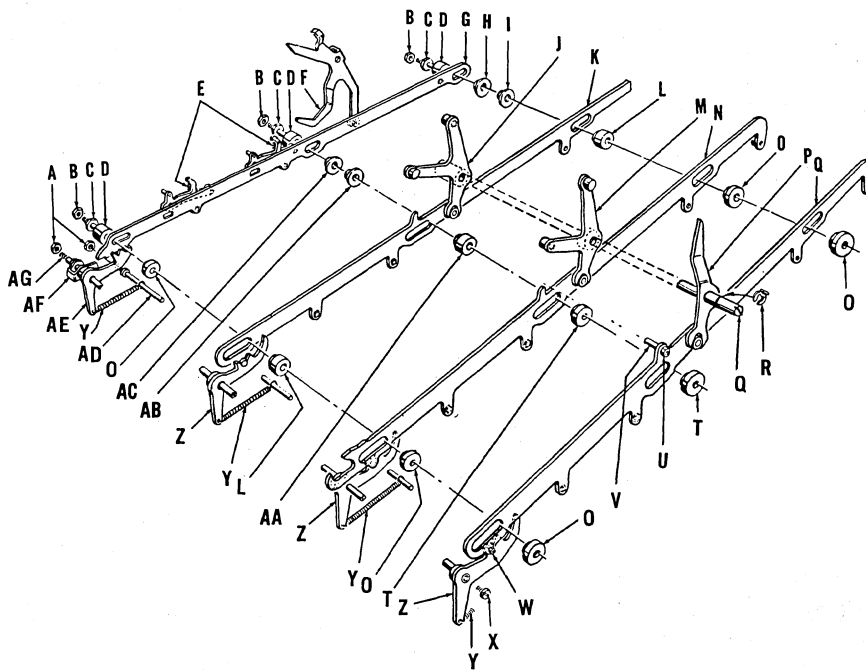
This diagram shows an exploded view of a mechanical assembly. The main components are labeled as follows:

- A**: A long, thin metal plate or frame.
- B**: A small cylindrical component, possibly a pin or bush.
- C**: A small rectangular component, possibly a washer or spacer.
- D**: A small rectangular component, possibly a washer or spacer.
- E**: A small rectangular component, possibly a washer or spacer.
- F**: A small rectangular component, possibly a washer or spacer.
- G**: A small rectangular component, possibly a washer or spacer.
- H**: A small rectangular component, possibly a washer or spacer.
- I**: A small rectangular component, possibly a washer or spacer.
- J**: A small rectangular component, possibly a washer or spacer.
- K**: A small rectangular component, possibly a washer or spacer.
- L**: A small rectangular component, possibly a washer or spacer.
- M**: A small rectangular component, possibly a washer or spacer.
- N**: A small rectangular component, possibly a washer or spacer.
- O**: A small rectangular component, possibly a washer or spacer.
- P**: A small rectangular component, possibly a washer or spacer.
- Q**: A small rectangular component, possibly a washer or spacer.
- R**: A small rectangular component, possibly a washer or spacer.
- S**: A small rectangular component, possibly a washer or spacer.
- T**: A small rectangular component, possibly a washer or spacer.
- U**: A small rectangular component, possibly a washer or spacer.
- V**: A small rectangular component, possibly a washer or spacer.
- W**: A small rectangular component, possibly a washer or spacer.
- X**: A small rectangular component, possibly a washer or spacer.
- Y**: A small rectangular component, possibly a washer or spacer.
- Z**: A small rectangular component, possibly a washer or spacer.

A	1303 6876	slide				1027 6798 spring, 1324 7853 arm,
B	1304 0530	collar				1325 2416 print control limit, 1325 2499
C	1325 4040	shaft, for all series after serial F82536P. Use 1325 4040, 1338 7477 threaded nut, 1301 0251 screw for series F300, F500, F1000 before serial F82537P, and for series F50 thru F200 before serial F82537P and after serial F25672P.	E	1304 2957	spring for Single Printers	reset link, 1325 2713 bellcrank, 1328 5192
				1341 0550	spring for Dual Printers	cam, 1337 8682 collar, 1509 1374 spring
	1304 1264	shaft for series F50 thru F200 before serial F25673P	F	1342 7588	collar	for series F1300, F1400, F1500 and style
			G	1015 1439	spacer	F1707 before serial F135767P
	1304 1280	shaft for register "C" total key to index add of register "B"	H	1340 9552	spring for Dual Printers and for repeat of column specify carriage controlled. Use	
D	1506 0890	arm without yielding joint for styles F511, F512; for F5510, F6510 before serial F139261P; for all styles having automatic fee indexing mechanism; for all styles having dual net proof	I	1010 8983	screw	1304 2957 spring for Single Printers.
			J	1304 0662	spacer	
			K	1303 6884	slide	
			L	1335 0400	spacer	
	1324 9834	arm with yielding joint; for series F50, F500, F5000, F6000 after serial F134629P; for F1000 after serial F135766P, for styles F5510, F6510 after serial F139260P	M	1335 0418	pilot screw	
		Use 1324 9834, 1026 6351 spring anchor, 1027 6798 spring, 1325 2416 print control limit, 1325 2499 reset link, 1325 2713 bell- crank, 1509 1374 spring to install yielding joint mechanism on series F25 thru F500, F5000, F6000, before serial F134630P and after serial F15005P. Arm 1324 7853 is also	N	1325 7654	post, after serial F50697P	
				1304 1439	post, before serial F50698P and after serial F25683P, use 1304 1454 bushing if side frame has large hole in location 55	
				1338 8749	post, before serial F25684P	
			O	1303 6934	gear	
			P	1304 0522	shoulder spacer	
			Q	1342 7794	set collar, includes 1025 6162 screw	
			R	1012 0335	spring	
			S	1030 4327	shoulder screw, use with 1324 4173 spacer on crossfooter with threaded bushing	
		required on machines having carriage return or lane 3 tab indexed by minus sign of crossfooter "A"		1308 1401	shoulder screw, use with 1342 6804 space collar, 1010 0337 nut on cross- footer without threaded bushing	
	1303 6918	arm, before serial F15006P	T	1303 6462	bail	
		Use 1324 9834, 1026 6351 spring anchor, 1027 6798 spring, 1325 2416 print control limit, 1325 2499 reset link, 1328 5184 cam, 1337 8682 collar, 1509 1374 spring, for series F1050, F1100, F1200 before serial F135767P. Use 1324 9834, 1026 6351 spring anchor	U	1304 0738	collar	
			V	1304 0548	collar	
			W	1028 7704	spacer	
			X	1303 6868	slide	
			Y	1304 0746	spacer	

Side Frames

ACCUMULATOR MESHING CONTROLS (PLATE VIII-4)



PART NUMBERS (PLATE VIII-4)

A	1010 0378	nut	M	1324 7812	add bellcrank after serial F72369P. Use 1324 7812, 1324 7820 subtract and total bellcrank, 1324 7846 subtotal bellcrank before serial F72370P
B	1010 0402	nut	N	1303 4996	add slide
C	1304 0845	post, use 1010 8983 screw 2.413" long	O	1304 0332	collar
	1304 0795	post, 1.74" long	P	1324 7846	subtotal bellcrank after serial F72369P. Use 1324 7846, 1324 7820 subtract and total bellcrank, 1324 7812 add bellcrank before serial F72370P
D	1304 0316	spacer		1303 5654	subtotal bellcrank for carriage return or lane 3 tab indexed when the amount in crossfooter "A" is minus
	1304 0324	flange spacer	Q	1324 5998	subtotal slide has riveted stud V
E	1026 9850	spring		1303 5068	subtotal slide, use with eccentric stud V
F	1324 9461	negative total bellcrank after serial F27008P. Use 1324 9461, 1324 9545 slide for machines with one crossfooter or 1324 9552 slide for machines with two crossfooters, 1324 9511 detent, 1300 8982 cam before serial F27009P and after serial B173435	R	1010 0238	clip
	1662 2045	negative total bellcrank before serial B173436	S	1304 0993	post, use 1303 9904 spacer, 1256 7459 washer after serial F5457P. Use 1304 0985 post, 1304 1892 screw post, 1256 7459 washer, 1010 0402 nut before serial F5458P, use 1304 0696 flanged collar for side frame without hub
G	1324 9545	negative total slide, has two latches for machines with two crossfooters, after serial F33406P. Use 1324 9545, 1324 9461 negative total slide, 1324 9511 detent, 1300 8982 cam before serial F33407P	T	1342 6853	collar
	1324 9552	negative total slide, has one latch for machines with one crossfooter, after serial F33291P. Use 1324 9552, 1324 9461 negative total slide, 1324 9511 detent, 1300 8982 cam before serial F33292P	U	1010 0410	nut
H	1304 0340	spacer	V	1304 1496	eccentric stud, for slides not having a riveted stud
I	1304 0357	spacer	W	1304 2353	eccentric stud, use 1010 0485 nut
J	1324 7820	subtract and total bellcrank after serial F72369P. Use 1324 7820, 1324 7812 add bellcrank, 1324 7846 subtotal bellcrank before serial F72370P	X	1010 8991	screw
K	1324 5964	subtract and total slide	Y	1026 9462	spring
L	1304 0365	collar	Z	1303 5860	detent
			AA	1342 6887	spacer
			AB	1342 6879	shoulder spacer

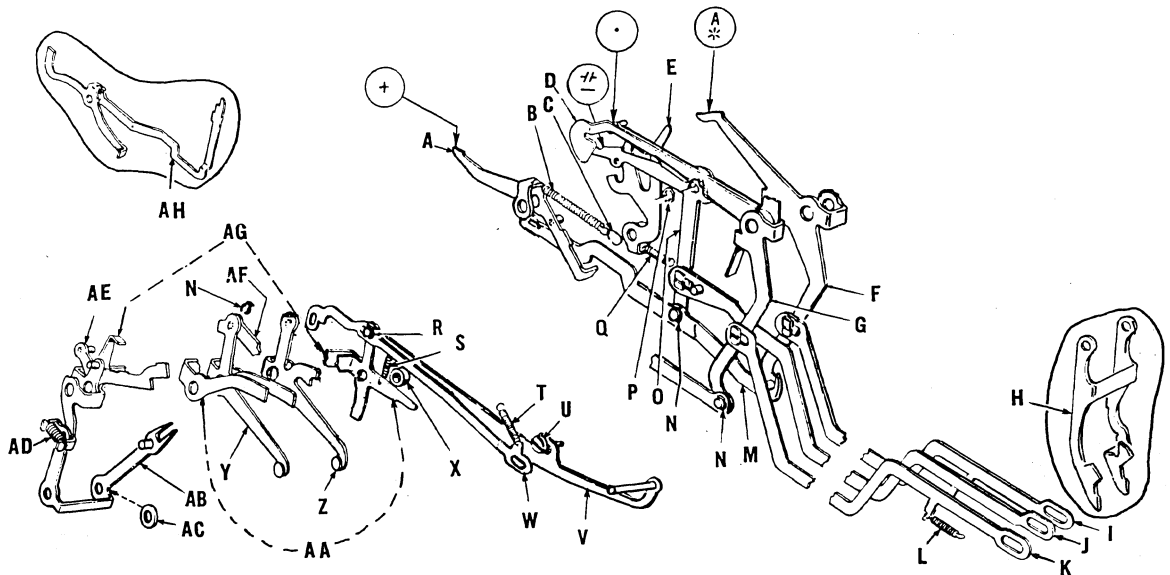
PART NUMBERS CONTINUED ON NEXT PAGE

Side Frames

PART NUMBERS (PLATE VIII-4) CONTINUED

AC	1342 6861	shoulder spacer	AG	1304 1249	post after serial B212194. Use 1304 1249, 1324 9891 bellcrank before serial B212195
AD	1304 1009	post			
AE	1324 9511	detent			
AF	-- --	Refer to ACCUMULATOR "A" CONTROL LINKAGES			

ACCUMULATOR "A" CONTROL LINKAGES (PLATE VIII-5)



PART NUMBERS (PLATE VIII-5)

A	1303 8393	bellcrank for all styles except as listed below	G	1324 6152	bellcrank, use 1027 6921 spring. Use 1324 6152, 1324 7952 link for series F300, F400, F500 before serial F52862P. Use 1324 6152, 1324 9560 bellcrank for styles F206, F211, F212, F213 before serial F52862P
	1303 8435	bellcrank for styles F102, F202, F402	H	1324 9586	bellcrank for series F1000, F6000 except style F6510
	1303 8484	bellcrank for styles F206, F210, F211, F212, F1211, F5211, F5212, F6211, F6212, F6282, F6284		1324 9594	bellcrank for style F6510
	1325 2325	bellcrank for styles F404, F1404, F6404	I	1303 8070	link after serial F19589P. Use 1303 8070, 1303 8849 bail, 1342 8792 stud, 1303 8815 bail, 1303 9011 link before serial F19590P
	1325 2358	bellcrank for styles F6262 dual link, controls both "A" and "B"	J	1303 8088	link after serial F19589P. Use 1303 8088, 1325 1525 and 1325 1541 bellcranks, 1325 1947, 1325 1954 and 1325 5120 latch plates, 1343 0814 spring, 1303 8062 link, 1303 7296 link, 1027 2979 spring (3) before serial F19590P. 1303 7304 link replaces 1303 7296 link for series F50
B	1027 2862	spring	K	1303 8062	link after serial F19589P. Use 1303 8062, 1325 1525 and 1325 1541 bellcranks, 1325 1947, 1325 1954 and 1325 5120 latch plates, 1343 0814 spring 1303 8088 link, 1303 7296 link, 1027 2979 spring (3) before serial F19590P. 1303 7304 link replaces 1303 7296 link for series F50
C	1026 6351	spring anchor			
D	1324 9560	bellcrank for styles F206, F211, F212, F213, F1211, F5211, F5212, F5213, F6211, F6212, F6213, F6281			
	1324 9578	bellcrank for styles F6262, F6282, F6284, and machines with subtotal key C.F. "A" not to include any function of motor bar 1, use 1026 1477 spring			
E	1303 9607	bellcrank for all styles except F204, F404, F1404, F6404			
	1325 3042	bellcrank for styles F204, F404, F1404, F6404			
F	1324 6095	bellcrank. Use 1324 6095, 1324 7952 link for series F300, F400, F500 before serial F52007P. Use 1324 6095, 1324 9560 bellcrank for styles F206, F211, F212, F213 before serial F52007P			

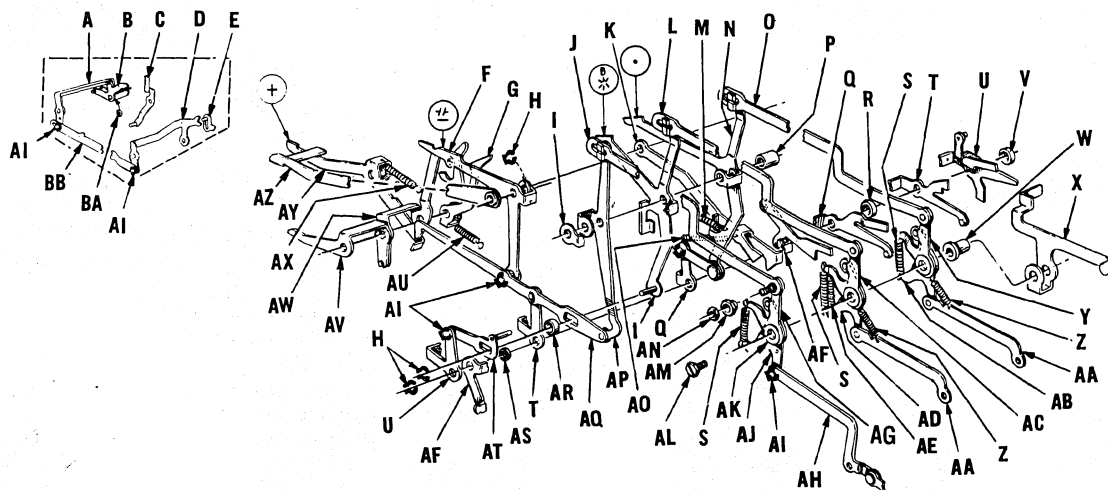
PART NUMBERS CONTINUED ON NEXT PAGE

Side Frames

PART NUMBERS (PLATE VIII-5) CONTINUED

L	1027 2979	spring	U	1304 1298	screw, use 1010 0378 nut
M	1303 5449	link	V	1303 6207	slide
	1324 7754	link for register "C" add key to subtract C.F. "A", non-add "B" and add "C"	W	1303 6975	slide
N	1010 0220	clip	X	1304 0605	collar .167"
O	1303 5357	bellcrank for all styles except as listed below		1304 0456	collar .118"
	1303 5332	bellcrank for styles F402, F404, F1404, F6404	Y	1303 5191	bellcrank
	1303 6819	bellcrank for styles F212, F5212, F6212, use 1027 6921 spring	Z	1303 5134	bellcrank for all styles except F402, F404, F1404, F6404
P	1304 0456	spacer .118"		1303 5258	bellcrank for styles F402, F404, F1404, F6404
	1010 5120	spacer .042"	AA	1303 6256	bail
	1046 3412	spacer .070"	AB	1303 6462	bail
	1304 0514	spacer .262"	AC	1028 7704	washer
Q	1027 3050	spring	AD	1012 0335	spring
R	1010 0147	clip	AE	1505 4109	bellcrank, use 1010 0238 clip, 1026 9330 shim
S	1027 2839	spring	AF	1303 5423	link
T	1027 3050	spring	AG	1303 6629	bail
			AH	1303 6587	bellcrank, use 1027 6574 spring

ACCUMULATOR "B" CONTROL LINKAGES (PLATE VIII-6)



PART NUMBERS (PLATE VIII-6)

A	1303 6678	outer bail for styles F402, F404, F1404, F6404	1303 5415	bellcrank for styles F211, F212, F213, F5211, F5212, F5213, F6211, F6212, F6213, F6281, F6282, F6284
	1324 9651	outer bail for style F6262		
B	1304 0308	inner bail for styles F402, F404, F1404, F6404	1303 5373	bellcrank for C.F. "A" total and subtotal keys to non-add accumulator "B" and "C"
	1325 3919	inner bail for style F6262	1324 6244	bellcrank for styles F402, F404, F1404, F6404 after serial F84881P. Use 1324 6244, 1325 3042 interlock, 1010 0238 clip before serial F84882P
C	1303 6652	lever		
D	1304 0241	link		
E	-- --	Refer to RIBBON SHIFT REPEAT LINKAGE		
F	1303 5365	bellcrank for all styles except as listed below	1324 6319	bellcrank for register "C" add key to subtract C.F. "A" and non-add "B" and "C"
	1303 5316	bellcrank for style F202 after serial F19271P. Use 1303 5316, 1324 3266 hook, 1324 3282 hook, 1324 4074 post, 1028 7985 threaded nut, 1340 2169, 1340 2177 eccentrics before serial F19272P	G	1303 9607 bellcrank for all styles except as listed below, use 1010 0238 clips
	1324 6269	bellcrank for styles F511, F512, F513, F5510, F6510	1303 9615	bellcrank for styles F206, F210, F211, F212, F1211, F6211, F6212, F6213, F6262,

PART NUMBERS CONTINUED ON NEXT PAGE

PART NUMBERS CONTINUED ON NEXT PAGE

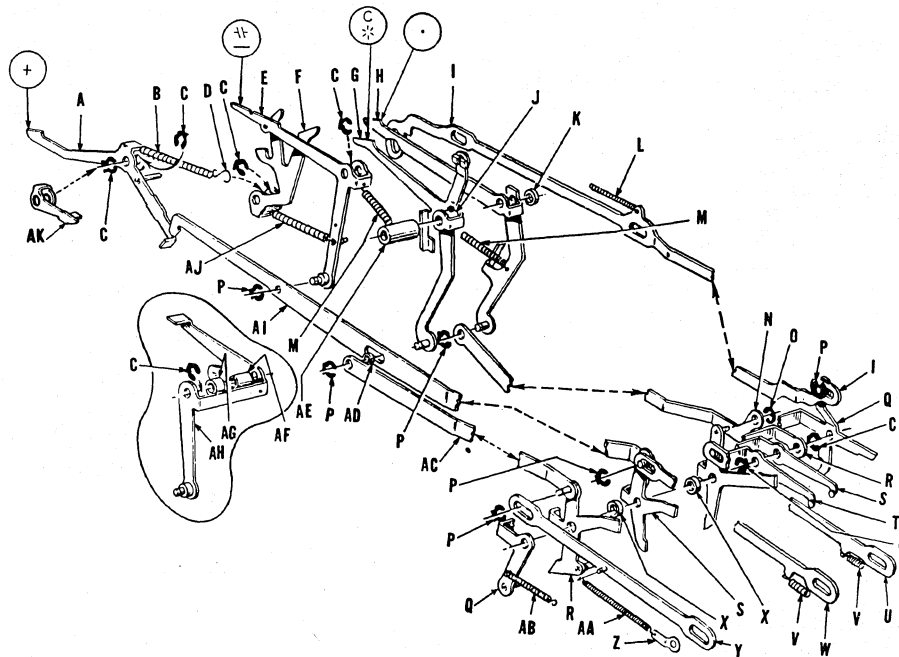
Side Frames

PLATE NUMBERS (PLATE VIII-6) CONTINUED

		F6281, F6282, F6284	AB	1303 9516	bellcrank
	1325 3042	bellcrank for styles F402, F404, F1404, F6404	AC	1303 9599	bellcrank
			AD	1303 9532	bellcrank
	1325 3034	bellcrank for C. F. "A" total and subtotal keys to non-add accumulator "B" and "C"	AE	1027 6160	spring
H	1010 0238	clip	AF	1303 6850	bail
I	1324 6103	total bellcrank for all styles except as listed below. Use 1324 6103, 1324 9560 bellcrank for styles F206, F211, F212, F213 before serial F52862P. Use 1324 6103, 1324 7952 brace for series F300, F400, F500 before serial F52862P, use 1015 1512 collar except style F402, use 1337 4038 collar for style F402	AG	1325 3026	bellcrank after serial F73176P. Use 1325 3026, 1325 2184 link, 1035 1716 eccentric, 1010 0360 nut before serial F73177P
	1324 6111	total bellcrank for style F512 with register selection keys to operate machine	AH	-- --	Refer to NET PROOF MECHANISMS
J	1325 2184	link after serial F73176P. Use 1325 2184, 1325 3026 arm, 1035 1716 eccentric, 1010 0360 nut before serial F73177P	AI	1010 0220	clip
K	1303 5100	link	AJ	1303 9557	bellcrank
L	1303 8054	link	AK	1304 0720	bushing
M	1027 6921	spring	AL	1017 3201	screw
N	1324 6160	bellcrank. Use 1324 6160, 1324 9560 bellcrank for styles F206, F211, F212, F213 before serial F52862P. Use 1324 6160, 1324 7952 brace for series F300, F400, F500 before serial F52862P	AM	1035 1716	eccentric bushing
	1324 6186	bellcrank for style F512 with register selection keys to operate machine	AN	1010 0360	nut
O	1325 2192	link	AO	1026 9363	spring, use 1300 1409 spring anchor
P	1304 0449	collar	AP	1303 8104	bellcrank
Q	1303 5159	bellcrank	AQ	1303 5464	link
R	1028 8835	set collar, includes 1011 0070 setscrew	AR	1303 6595	spacer
S	1304 2940	spring	AS	1017 0728	tapered spacer .140"
T	1303 5175	bellcrank		1015 1579	spacer .054"
U	1303 6272	bellcrank after serial B175609. Use 1303 6272, 1304 1330 post before serial B175610	AT	1303 6223	slide
V	1311 4392	collar .156"	AU	1013 3387	spring
	1304 0605	collar .165"	AV	1325 9957	bail
	1304 0456	collar .118"	AW	1325 9965	bail
W	1342 7265	spacer	AX	1027 2862	spring. Use 1027 7424 spring for machines with register "C" add key to subtract C.F. "A", non-add "B" and add "C"
X	1338 8707	set collar, includes 1255 7625 setscrew	AY	1303 8419	bellcrank for all styles except as listed below
Y	1325 5153	arm		1303 8492	bellcrank for styles F206, F210, F211, F212, F5211, F5212, F6211, F6212, F6282, F6284
Z	1303 9573	bellcrank after serial B175609. Use 1303 9573, 1304 1355 post before serial B175610		1325 2366	bellcrank for style F6262
AA	1027 1922	spring		1303 8450	bellcrank for style F202
	1303 7866	link		1303 8476	bellcrank for style F402
				1325 2333	bellcrank for styles F404, F1404, F6404
				1325 2341	bellcrank for register "C" add key to subtract C.F. "A", non-add "B" and add "C"
				1325 2317	bellcrank for styles F213, F5213, F6213 and machines with C.F. "A" total and subtotal keys to non-add accumulator "B" and "C"
			AZ	1324 6285	bail
			BA	1337 1117	spacer
			BB	1325 3307	link

Side Frames

ACCUMULATOR "C" CONTROL LINKAGES (PLATE VIII-7)



PART NUMBERS (PLATE VIII-7)

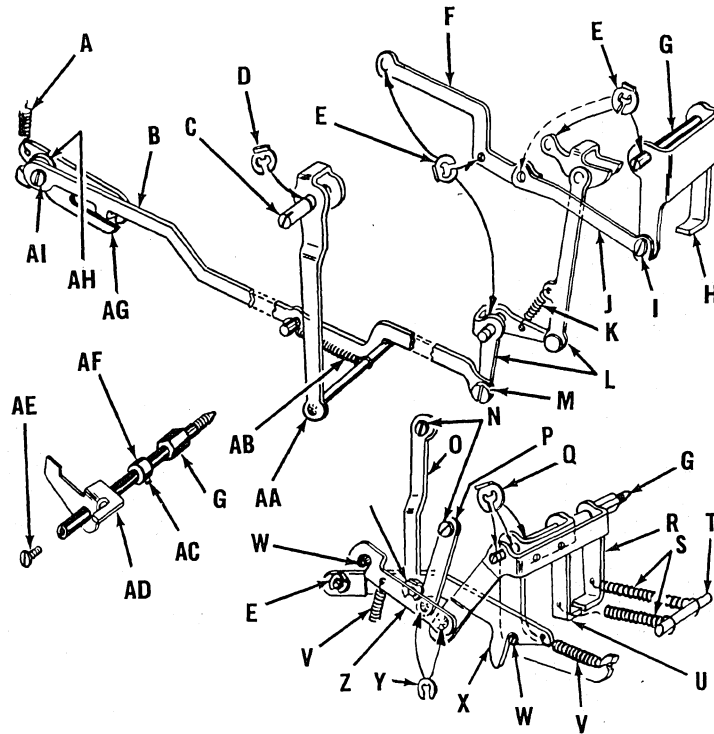
A	1303 8419	bellcrank	O	1010 0147	clip
B	1027 2862	spring	P	1010 0220	clip
C	1010 0238	clip	Q	1303 6298	bail
D	1026 6351	spring anchor	R	1303 6280	bail
E	1303 5365	bellcrank for all styles except as listed below	S	1324 6020	bellcrank after serial F66301P
	1303 5399	bellcrank for styles F402, F404, F1404, F6404		1303 5233	bellcrank before serial F66302P
	1324 6269	bellcrank for styles F511, F512, F513, F5510, F6510 except style F6510 with CF "A" total and subtotal keys to non-add accumulators "B" and "C"	T	1324 6012	bellcrank
	1324 6277	bellcrank for style F6510 with the above feature	U	1325 2986	link after serial F66287P
F	1303 9607	bellcrank		1325 3000	link before serial F66288P
G	1324 6103	bellcrank for all styles except as listed below. Use 1324 6103, 1324 7952 link for series F300, F400, F500, before serial F52862P	V	1018 0594	spring after serial F134670P
	1324 6111	bellcrank for style F212 with register selection keys to operate machine with disabling keys in position 2 "C"		1340 8968	spring before serial F134671P and after serial F66287P
	1324 6129	bellcrank for machines to add register "B" from register "C" total key optional		1304 2965	spring before serial F66288P
H	1324 6178	bellcrank after serial F52861P. Use 1324 6178, 1324 7952 link before serial F52862P	W	1325 2986	link after serial F66287P for all styles, except those with dual net proof
	1324 6194	bellcrank for register selection keys to operate machine with disabling key in position 2 "C"		1325 3000	link for all styles before serial F66288P, including those with dual net proof
I	1303 6983	slide		1325 2994	link for styles with dual net proof after serial F76192P. Use 1325 2994, 1326 2522 limit arm, 1010 4925 washer, 1010 0238 clip, 1026 9363 clip, 1026 6351 spring anchor for styles with dual net proof before serial F76193P and after serial F66287P
J	1027 7107	set collar, includes 1010 9643 screw	X	1304 0670	spacer
K	1015 1512	spacer	Y	1325 2960	link after serial F66287P
L	1027 3050	spring		1303 9482	link before serial F66288P
M	1027 6921	spring	Z	1343 1283	spring anchor
N	1325 2804	link after serial F66287P	AA	1028 9080	spring after serial F66287P
	1303 9219	link before serial F66288P		1340 8968	spring before serial F66288P and after serial F3814P
				1304 2965	spring, before serial F3815P, use 1010 0147 clip

PART NUMBERS CONTINUED ON NEXT PAGE

PART NUMBERS (PLATE VIII-7) CONTINUED

AB	1027 2037	spring				except F404, F1404 with control and result
AC	1325 3224	link after serial F66287P				keys replacing correction keys
	1303 9664	link before serial F66288P		1324 7663		link for styles F302, F305, F421, F423,
AD	1303 6595	spacer				F502, F503, F511, F512, F513, F5510,
AE	1337 4038	collar				F6305, F6423, F6505, F6510, also for
AF	1304 0514	collar				series F1000, F5000, F6000 with carriage
AG	1017 0553	collar				return indexed by sign of CF "A" omitted
AH	1303 5399	bellcrank				and for F404, F1404 with control and
AI	1324 7705	after serial F67754P	]link for all styles ex- cept as listed below			result keys replacing correction keys
	1303 5498	before serial F67755P		AJ	1027 3050	spring
	1324 7713	link for styles F402, F404, F1404, F6404,		AK	1325 7779	bellcrank

NET PROOF MECHANISMS (PLATE VIII-8)



PART NUMBERS (PLATE VIII-8)

A	1343 0681	spring after serial F13122P	G	1325 9973	shaft, use 1010 0238 clip	
	1304 2973	spring before serial F13123P	H	1303 9094	for net proof in "B"	bail for use without cge. ret. or lane 3 tab indexed when CF "A" is minus
B	1325 2705	link after serial F140425P. Use 1325 2705, 1340 2508 eccentric screw before serial F140426P		1303 9102	for net proof in "C"	
C	1304 0993	post after serial F5457P, use 1256 7459 washer, 1010 0402 nut		1303 9136	for net proof in "B"	bail for use with cge. ret. or lane 3 tab indexed when CF "A" is minus
	1304 0985	post before serial F5458P		1303 9144	for net proof in "C"	
D	1026 7060	clip				
E	1010 0220	clip	I	1340 2227	eccentric screw, use 1010 0469 nut	
F	1325 2010	link after serial F64522P all styles except as listed below. Use 1325 2010, 1303 9235 link, 1010 0220 clip before serial F64523P	J	1303 9235	link for net proof in "B"	
	1303 7874	link for dual net proof		1303 9243	link for net proof in "C" without carriage return or lane 3 tab indexed when CF "A" is minus	
	1325 1996	link for net proof in "B" and carriage return or lane 3 tab indexed when CF "A" is minus		1325 2838	link for net proof in "C" with carriage	

PART NUMBERS CONTINUED ON NEXT PAGE

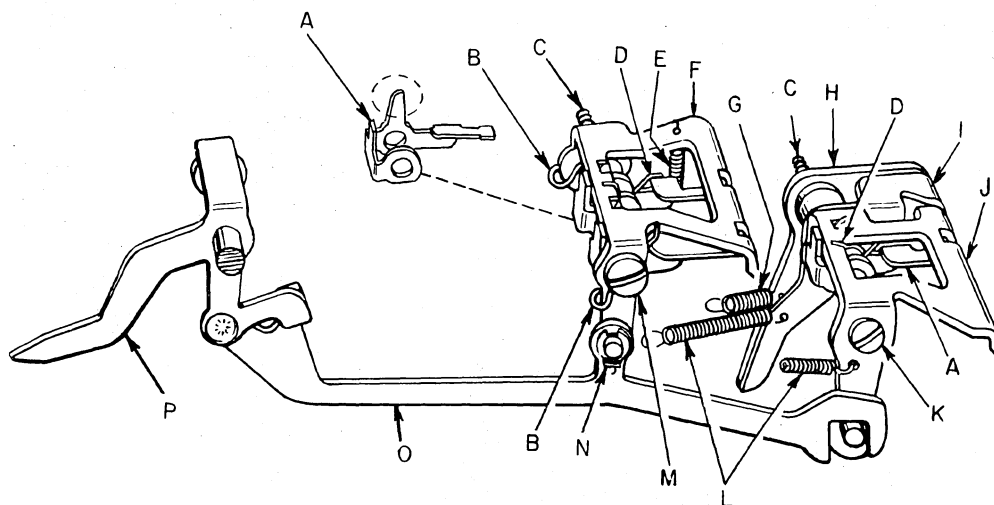
PART NUMBERS CONTINUED ON NEXT PAGE

Side Frames

PART NUMBERS (PLATE VIII-8) CONTINUED

		return or lane 3 tab indexed when CF	X	1303 4947	link
		"A" is minus	Y	1010 0147	clip
K	1012 0335	spring	Z	1324 5840	link after serial F66653P. Use 1324 5840, 1324 5790 link, 1307 6153 spring (2), before serial F66654P
L	1303 9060	bellcrank			
M	1340 2508	eccentric screw after F140425P	AA	1325 2713	arm for machines having symbol restoring bellcrank with yielding joint
	1340 1765	eccentric screw, 1010 9403 washer before serial F140426P		1303 9045	arm before yielding joint construction for side frames with hub
		use 1010 0469 nut		1303 9037	arm for early construction having side frame without hub, use 1304 0696 collar
N	1047 2694	screw, use 1010 0469 nut	AB	1027 2870	spring
O	1324 5790	link after serial F66653P. Use 1324 5790, 1324 5840 lock plate, 1307 6153 spring (2), before serial F66654P	AC	1010 9643	setscrew, included in AF
P	1303 4871	link	AD	1303 9714	brace for auxiliary side frame
Q	1010 0238	clip	AE	1010 8991	screw
R	1303 9128	bail	AF	1027 7107	set collar includes AC
S	1014 6298	spring	AG	1303 9318	limit after serial F13122P. Use 1303 9318, 1343 0681 spring before serial F13123P
T	1304 2304	shaft		1325 2887	limit for net proof reversed
U	1303 9110	bail			
V	1307 6153	spring	AH	1303 9300	spacer
W	1341 8819	eccentric screw, use 1010 0485 nut	AI	1010 9775	shoulder screw

LATCH PLATE MECHANISM (PLATE VIII-9)

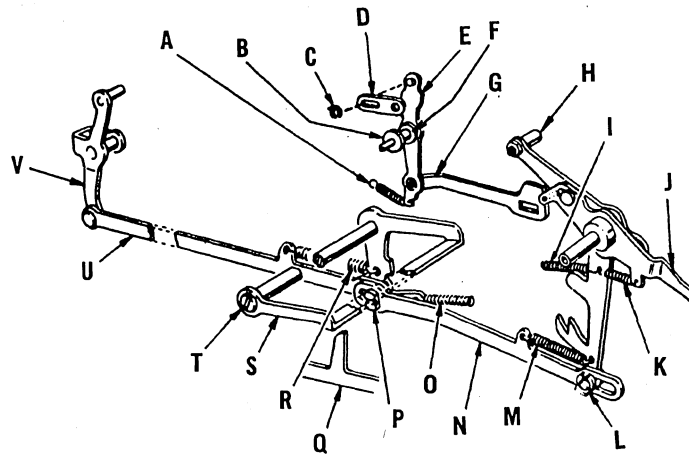


PART NUMBERS (PLATE VIII-9)

A	1325 5120	latch plate. Use 1325 5120, 1325 1947 latch plate or 1325 1954 latch plate when replacing a latch plate not having projection indicated by dotted line	I	1303 7858	latch plate
B	1026 6351	spring anchor	J	1325 1954	latch plate except machines having single column hammer block control
C	1304 1579	screw, use 1010 0360 nut		1325 1970	latch plate for machines having single column hammer block control
D	1343 0814	torsion spring	K	1010 8991	screw
E	1013 3346	spring	L	1026 9892	spring
F	1325 1947	latch plate except machines having single column hammer block control	M	1025 8028	screw. Use 1026 0651 screw, 1342 7471 collar for styles F212, F213, F404, F1404, F5212, F5213, F6212, F6213, F6404
	1325 1962	latch plate for machines having single column hammer block control	N	1010 0220	clip
G	1014 7650	spring	O	-- --	included in P
H	1303 6181	latch plate	P	1303 8641	bail, includes O

Side Frames

FORM SPACE AND CARRIAGE RETURN DISABLING LINKAGE (DS AND DSR) (PLATE VIII-10)



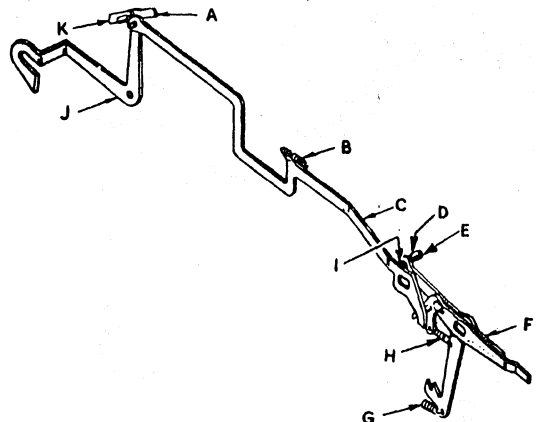
PART NUMBERS (PLATE VIII-10)

A	1028 8892	spring	O	1343 0731	spring
B	1342 7265	collar	P	1010 0154	clip, use 1010 8579 washer
C	1026 7045	clip	Q	1303 8914	link
D	1303 4665	link	R	1026 9348	spring
E	1303 7981	lever	S	1303 8849	latch after serial F11684P. Use 1303 8849, 1342 8792 stud, 1303 8815 arm, 1303 9011 link, 1303 8070 link before serial F11685P and after serial B237744. Use 1303 8849, 1342 8792 stud, 1303 8815 arm, 1303 9011 link, 1303 8070 link, 1010 8579 washer, 1010 0154 clip before serial B237745. Use 1303 8849 for series F300, F400 after serial B237646. Use 1303 8849, 1010 8579 washer, 1010 0154 clip for series F300, F400 before serial B237647
F	1344 3338	collar	T	-- --	Refer to RIGHT SIDE FRAME
G	1303 9730	link after serial F20170P. Use 1303 9730, 1303 7502 bellcrank, 1303 9227 link, 1027 6871 spring, 1044 1939 spring before serial F20171P	U	-- --	included in V
H	1337 4889	roller, use 1304 2346 eccentric screw, 1010 0378 nut	V	1303 8815	arm after serial F11684P. Use 1303 8815, 1342 8792 stud, 1303 9011 link, 1303 8849 latch, 1303 8070 link before serial F11685P
I	1044 1939	spring			
J	-- --	Refer to SENSING LEVER BELLCRANKS			
K	1027 6871	spring, after serial F20170P			
	1304 2999	spring before serial F20171P			
L	1010 0220	clip			
M	1026 9900	spring			
N	1303 9011	link after serial F11684P. Use 1303 9011, 1342 8792 stud, 1303 8815 arm, 1303 8849 latch, 1303 8070 link before serial F11685P			

FORM SPACE AND RETURN OR TABULATION INDEXED FROM CROSSFOOTER "A"
 SUBTOTAL KEY IN CONJUNCTION WITH RETURN DISABLING (DR) LINKAGE
 (Plate VIII-11)

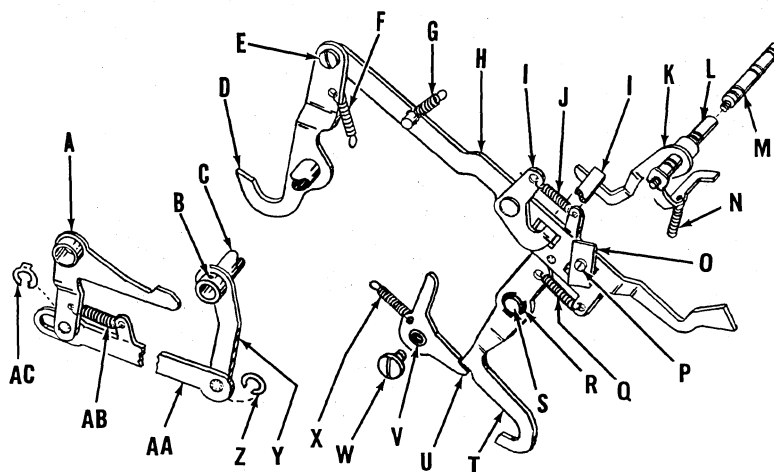
PART NUMBERS (PLATE VIII-11)

A	1303 8724	arm, use 1010 0220 clip
B	1015 2262	spring
C	1303 6801	link
D	1337 4889	roller
E	1304 2346	eccentric screw
F	-- --	Refer to SENSING LEVER BELLCRANKS
G	1027 7176	spring
H	1027 6871	spring
I	1010 0378	nut
J	1324 9560	bellcrank
K	1303 8708	link, use 1010 0220 clip



Side Frames

MINUS BALANCE LOCK CROSSFOOTER "A", MOTOR BAR NO. 1 CONTROLLED (PLATE VIII-12)

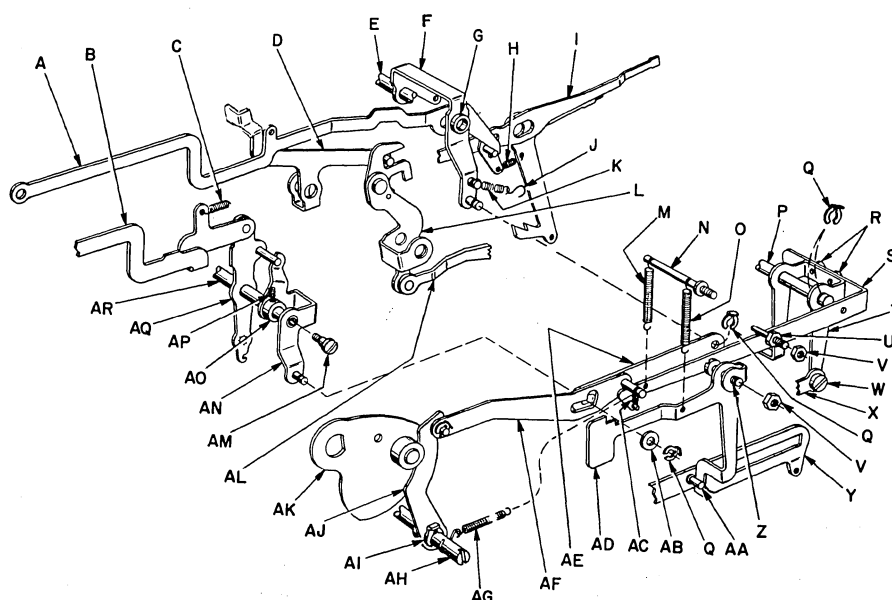


PART NUMBERS (PLATE VIII-12)

A	1300 9030	bellcrank for series F25 thru F500, F5000, F6000, use 1026 9330 washer	1325 4263	post before serial F69721P and after serial F25672P. Use 1304 2072 shaft before serial F25673P
	1328 5077	bellcrank for series F1000		
B	1029 3389	replacement pin	M	1325 4263 shaft after serial F69720P. Use 1325 4263, 1325 4255 before serial F69721P and after serial F25672P. Use 1304 2072 shaft before serial F25673P
C	1303 4079	shaft assembly, includes B, D, X for series F25 thru F500, F5000, F6000 after serial F27020P. Use 1303 4079, 1324 9602 link before serial F27021P	N	1026 9769 spring
	1324 4827	shaft assembly, includes B, D, X for series F1000	O	1303 9250 guide
D	-- --	included in C	P	1010 9163 screw
E	1047 2694	screw, use 1010 0469 nut	Q	1015 2247 spring
F	1027 6897	spring	R	1010 0238 clip
G	1027 2912	spring	S	1304 2650 riveted hub
H	1324 8000	slide for all series after serial F44816P, includes I. Use 1324 8000, 1324 6087 lever, 1324 9313 bellcrank for all series except styles F211, F212, before serial F44817P. Use 1324 8000, 1324 9313 bellcrank for styles F211, F212 before serial F44817P	T	1303 6561 bellcrank
			U	1324 9321 detent after serial F57939P. Use 1324 9321, 1027 7564 spring before serial F57940P
I	-- --	included in H	V	1304 2627 riveted hub
J	1012 0335	spring	W	1340 2938 screw
K	1324 9313	bellcrank after serial F44558P, use 1026 9330 washer. Use 1324 9313, 1324 6087 lever, 1026 9330 washer before serial F44559P	X	1027 7564 spring
			Y	-- -- included in C
L	1325 4255	shaft after serial F69720P. Use 1325 4255,	Z	1010 0147 clip
			AA	1324 9602 link for all series except F1000 after serial F27020P. Use 1324 9602, 1303 4079 shaft assembly before serial F27021P
				1324 9610 link for series F1000
			AB	1013 9350 spring
			AC	1010 0220 clip

Side Frames

CARRIAGE RETURN OR LANE 3 TABULATION INDEXED WHEN
CROSSFOOTER "A" IS MINUS (PLATE VIII-13)

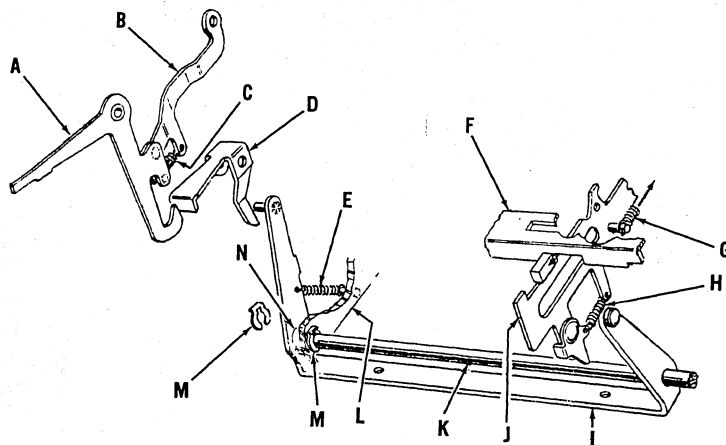


PART NUMBERS (PLATE VIII-13)

A	1303 6801	link	Y	-- --	Refer to SYMBOL INDEXING MECHANISM
B	1303 8021	link	Z	1340 2094	shoulder screw
C	1015 2262	spring	AA	1325 5690	screw stud for series F100, F200, use 1010 0386 nut
D	1325 5153	arm, use 1027 2748 spring		1010 5187	screw stud for series F300, F400, F500, use 1010 0386 nut
E	1304 1728	post	AB	1010 8736	spacer
F	1303 7361	bail	AC	1307 6153	spring
G	1304 0597	collar	AD	1325 4941	latch
H	1027 6871	spring	AE	1303 7890	link
I	-- --	Refer to SENSING LEVER BELLCRANKS	AF	1303 7916	link
J	1026 6252	spring anchor	AG	1028 8959	spring, use 1026 6344 spring anchor
K	1027 3209	spring	AH	1304 0993	post, use 1256 7442 lockwasher, 1010 0402 nut
L	1324 7796	bellcrank	AI	1026 7060	clip
M	1026 9348	spring	AJ	1324 7853	arm for machines with yielding joint symbol restoring bellcrank
N	1340 0239	spring screw stud, use 1010 0386 nut		1303 5654	arm for machines without yielding joint symbol restoring bellcrank
O	1308 1716	spring	AK	1328 5325	cam
P	1325 9973	post	AL	1303 7882	link, use 1010 0220 clip
Q	1010 0220	clip	AM	1028 8025	screw
R	1028 8868	screw	AN	1325 3018	bail
S	1303 6322	bail	AO	1338 8707	set collar, includes AP
T	1303 9136	bail, use with net proof in accumulator "B"	AP	1255 7625	setscrew, included in AO
	1303 9144	bail, use with net proof in accumulator "C"	AQ	1303 7965	bellcrank
U	1308 1476	eccentric screw stud	AR	1325 4396	post
V	1010 0386	nut			
W	1340 2227	eccentric screw, use 1010 0469 nut			
X	1325 1996	link, use with net proof in accumulator "B"			
	1325 2010	link, use with net proof in accumulator "C", use 1325 2838 link			

Side Frames

CARRIAGE OPENING DISABLED DURING CROSSFOOTER "A" PLUS TOTAL OPERATIONS
WHEN THE AMOUNT EXCEEDS \$. 99 (PLATE VIII-14)



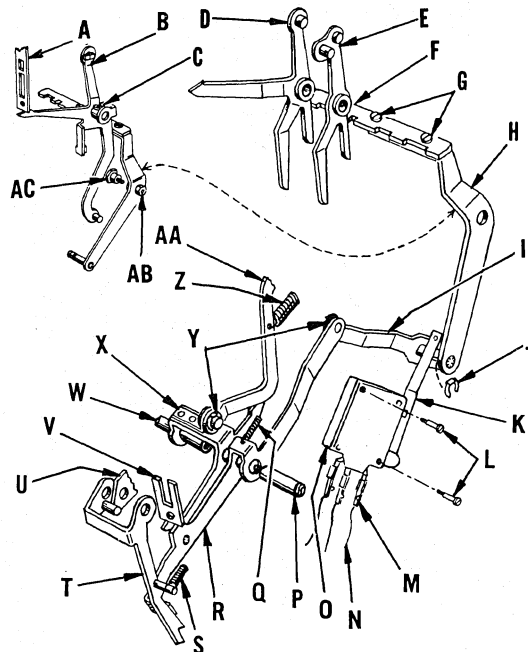
PART NUMBERS (PLATE VIII-14)

A	-- --	Refer to SENSING LEVER BELLCRANKS	H	1027 2045	spring
B	1511 7237	link	I	1303 4681	bail
C	1027 1732	spring	J	-- --	Refer to RACK BAR CHART
D	1303 7858	latch plate	K	1303 4186	shaft
E	1026 9355	spring	L	-- --	Refer to RIGHT SIDE FRAME
F	1304 0092	limit plate	M	1010 0238	clip
G	1306 8150	spring	N	1013 7552	collar

NORMALIZING SWITCH AND LINKAGE FOR CROSSFOOTER "A" NON-CLEAR LOCK AND EXTENDED
OVERDRAFT CONTROL (PLATE VIII-15)

PART NUMBERS (PLATE VIII-15)

A	-- --	Refer to KEYSTEM CHART
B	1324 6103	bellcrank
C	1028 8835	collar, includes 1017 2963 screw
D	1325 2515	bellcrank
	1325 2523	bellcrank for crossfooter "A" non-clear lock when used in conjunction with motor bar 4 not to disable repeat, and repeat of keyboard
E	1325 2507	bellcrank
F	1325 8058	plate
G	1010 9247	screw
H	1325 8041	bail
I	1325 9098	link
J	1300 1490	clip
K	1325 8074	actuator
L	1343 0350	screw
M	1311 8559	lead, included in O
N	1597 8505	20 gauge stranded wire (specify length)
O	1343 1242	switch, includes M
P	1325 4263	threaded post
Q	1027 2862	spring, use 1026 6351 spring anchor
R	1325 9106	bellcrank, use 1027 7107 set collar
	1325 9114	bellcrank, use with repeat of specified columns
S	1027 2037	spring
T	1325 9163	bellcrank, use 1255 3129 clip
U	-- --	Refer to KEYBOARD LOCKING SLIDES
V	1301 3404	keystem, position 2-B
W	1325 4255	tapped shaft
X	1325 9155	bail



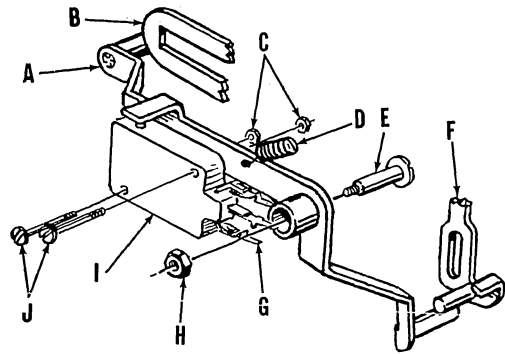
Y	1010 0220	clip
Z	1027 3050	spring
AA	1325 9304	link
AB	1010 0360	nut
AC	1340 2847	shoulder screw

Side Frames

MINUS BALANCE SWITCH FOR CROSSFOOTER "A" NON-CLEAR LOCK AND
EXTENDED OVERDRAFT CONTROL (PLATE VIII-16)

PART NUMBERS (PLATE VIII-16)

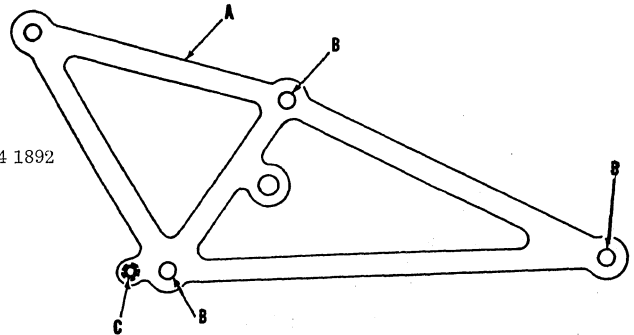
A	1325 9171	actuator. Use 1325 9197 actuator for styles F6211, F6212
B	-- --	Refer to SYMBOL INDEXING MECHANISM
C	1010 0477	nut
D	1027 2037	spring, use 1026 6351 spring anchor
E	1017 2138	screw, use 1010 0238 clip
F	1303 6421	slide
G	1311 8559	leads, included in I
H	1010 0360	nut
I	1343 1242	switch, includes G
J	1343 0350	screw



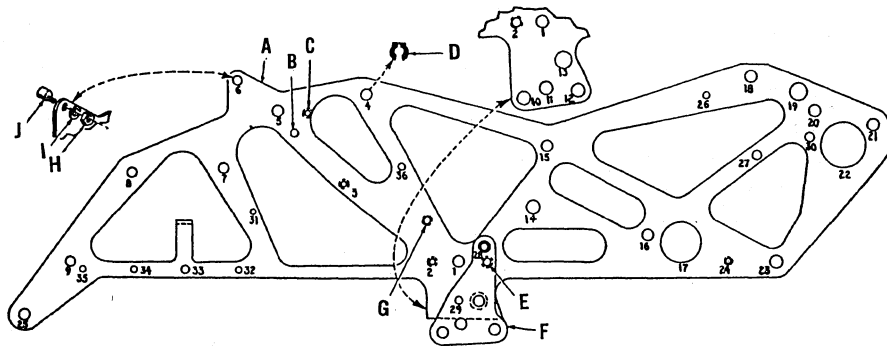
RIGHT SIDE FRAME BRACE (PLATE VIII-17)

PART NUMBERS (PLATE VIII-17)

A	1303 9656	brace, after serial F5457P
	1303 9631	brace, before serial F5458P and after serial B173144. Use 1303 9631, 1304 1892 screw before serial B173145
B	1010 8991	screw
C	1028 9502	riveted stud, included in A



AUXILIARY RIGHT SIDE FRAME (All Series Except F1000) (PLATE VIII-18)



PART NUMBERS (PLATE VIII-18)

A	1325 3059	side frame for all series except styles F511, F512, F513 after serial F50697P. Use 1325 3059, 1010 0360 nut (2), 1256 7442 washer (2), 1035 0924 screw, 1010 8983 screw, 1325 7639 plate, 1028 9106 screw, 1340 2524 post, 1337 9185 bushing, 1010 4164 washer, 1340 4629 screw before serial F50698P and after serial F39029P.	1325 3075	side frame for styles F511, F512, F513
	1640 4964	side frame before serial F39030P and after serial F25672P. Use 1640 4964, 1304 0977 screw, 1256 7442 washer, 1010 0378 nut before serial F25673P	B	1304 2932 post, use 1010 0386 nut
			C	1342 9766 riveted stud, included in A
			D	1010 0238 clip, used in positions, 4, 5, 7, 8, 15, 16
			E	1035 0924 screw, use 1010 0360 nut
			F	1325 7639 plate
			G	1339 7013 riveted stud, included in A
			H	1010 0360 nut
			I	1256 7442 washer
			J	1304 0977 eccentric screw

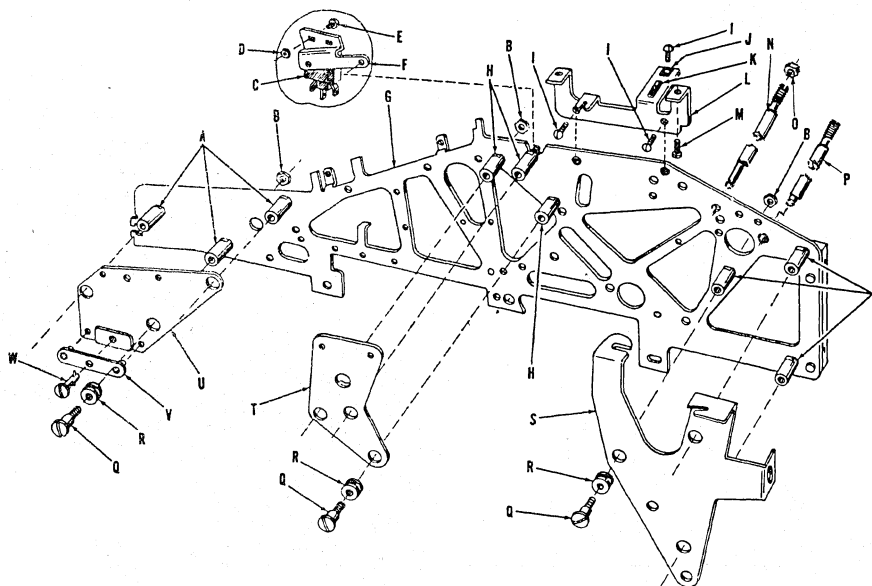
PART NUMBERS CONTINUED ON NEXT PAGE

Side Frames

PART NUMBERS (PLATE VIII-18) CONTINUED

Pos. No.			Pos. No.		
1	1010 8991	screw	23	1010 8991	screw
2	1339 8961	riveted stud, included in A	24	1010 5047	riveted stud, included in A
3	1017 1825	riveted stud, included in A	26	1340 0239	spring stud, use 1010 0386 nut
9	1010 8991	screw	27	1017 3193	screw, use 1010 0386 nut
10	1306 7848	bearing, use 1047 5416 nut	28	1035 0924	screw, use 1010 0360 nut
11	1306 7848		29	1340 4629	screw, use 1256 7442 washer, 1010 0360 nut
12	1306 7848		30	1308 1476	eccentric stud, use 1010 0386 nut
13	1010 8991	screw, 1306 7285 collar, used before serial F50698P	31	1343 0350	screw, use 1010 0477 nut
18	1010 8991	screw	32	1343 0350	screw, use 1010 0477 nut
19	1340 2524	post, use 1337 9185 bushing, 1010 4164 washer, 1010 0360 nut	33	1017 2138	screw, use 1010 0360 nut
20	1010 8991	screw	34	1343 0350	screw, use 1010 0477 nut
21	1340 2532	post, use 1337 9193 bushing, 1010 4164 washer, 1010 0360 nut. Use 1304 2247 post before serial F35187P	35	1343 0350	screw, use 1010 0477 nut
			36	1026 0867	screw, use 1010 0360 nut

AUXILIARY RIGHT SIDE FRAME (F1000) (PLATE VIII-19)

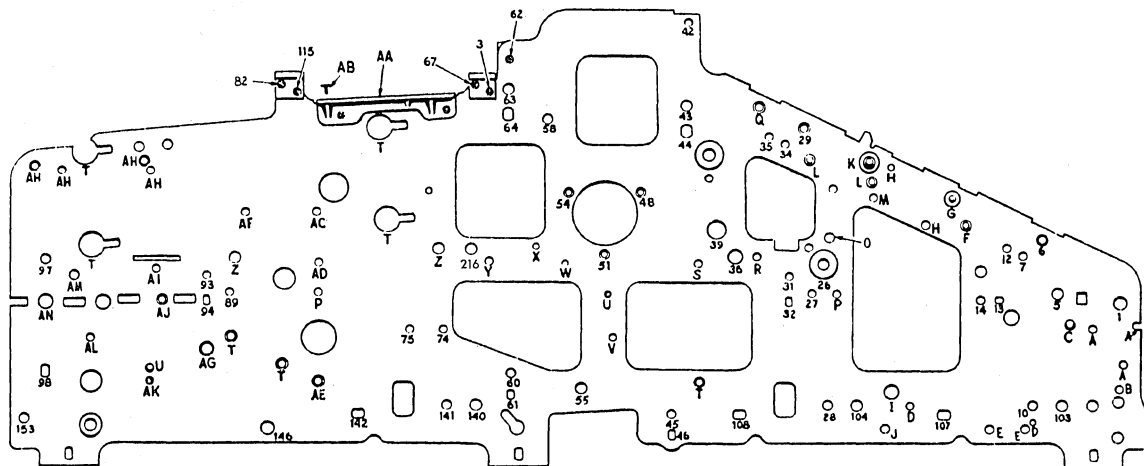


PART NUMBERS (PLATE VIII-19)

A	1341 9023	threaded post	N	1340 2524	eccentric post, use 1337 9185 bushing, 1010 4164 washer
B	1010 0337	nut	O	1010 0360	nut
C	1343 1143	switch	P	1340 2532	eccentric post, use 1337 9193 bushing, 1010 4164 washer, 1010 0360 nut
D	1256 5180	nut	Q	1341 9098	shoulder screw
E	1256 0165	screw	R	1341 9106	rubber grommet
F	1326 3926	bracket	S	1326 0781	brace, includes R
G	1325 3083	right side frame	T	1326 1029	plate
H	1341 9064	threaded post	U	1326 0864	plate, includes R
I	1303 1893	screw	V	1326 0922	retainer, includes W
J	1300 1508	speed nut	W	1341 9148	pin type screw, includes 1341 9163, included in V
K	1341 8918	felt, included in L			
L	1327 3669	bracket, includes K			
M	1010 9197	screw			

Side Frames

LEFT SIDE FRAME (PLATE VIII-20)



PART NUMBERS (PLATE VIII-20)

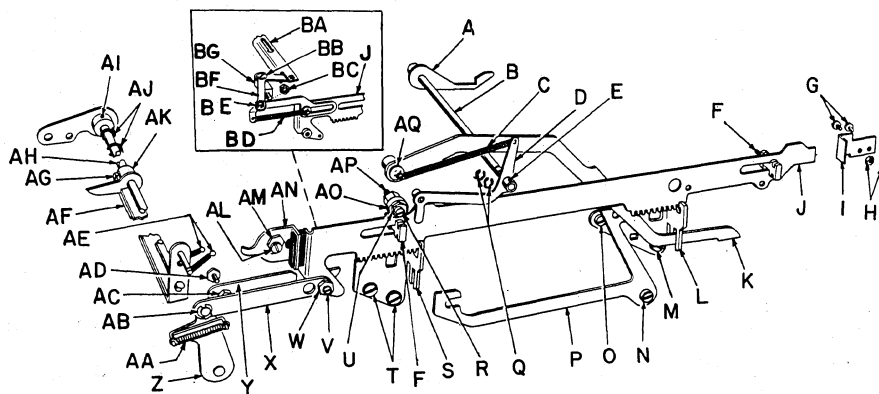
COMPLETE SIDE FRAMES (includes all riveted parts)		1010 3851 screw for series F200	
1303 4855	for all series except those with Rotary Dial Indexed - Calendar Feature	W 1067 6518	riveted stud
1303 4830	for all styles with Rotary Dial Indexed - Calendar Feature	X 1026 0727	riveted stud
1343 4527	for all styles with Calendar Feature with Advancing Month and Year Control - Carriage Controlled, Lane 24	Y 1342 8693	post, use 1010 4420 screw, 1010 0360 nut
		Z 1342 8222	nut
		AA 1304 3054	bracket
		AB 1300 1532	rivet
		AC 1340 0452	screw stud, use 1010 0360 nut
		AD 1342 8693	post, use 1342 7158 roller, 1017 0868 eccentric, 1011 0021 screw, 1010 0360 nut
Pos. No.		AE 1027 7663	screw, use 1342 7497 eccentric
A 1010 7142	screw, use 1010 0360 nut	AF 1025 6428	screw, use 1010 0378 nut
B 1010 9841	screw, use 1010 0386 nut	AG 1044 3109	screw, use 1010 3505 collar
C 1035 2011	riveted stud	AH 1010 9825	screw, use 1010 0329 nut
D		AI 1342 8610	post, use 1010 0360 nut
E 1010 8983	screw use 1010 0378 nut	AJ 1010 6714	screw, use 1304 0506 eccentric, 1256 7715 washer
F 1342 9097	riveted stud, for all styles with Rotary Dial Indexed - Calendar Feature. Use 1343 4360 riveted stud, for all styles with Calendar Feature with Advancing Month and Year Control - Carriage Controlled Lane 24	AK 1028 8587	riveted stud
		AL 1028 8066	screw, use 1017 2500 bushing
		AM 1010 3851	screw, use 1017 2476 nut
		AN 1010 9981	screw, use 1017 1627 collar, 1304 0506 eccentric, 1010 0378 nut
G 1343 4345	riveted post	3 1304 2189	rivet
H 1343 0350	screw, use 1010 0477 nut	5 1010 6110	screw, use 1028 9049 collar, 1256 7442 washer, 1010 0378 nut for all styles except F212, F213
I 1343 0442	screw, use 1027 3282 bushing	1343 0038	screw, use 1342 7372 collar, 1256 7442 washer, 1010 0378 nut for styles F212, F213
J 1340 4199	screw, use 1010 0378 nut		
K 1343 4352	riveted post		
L 1342 9097	riveted stud		
M 1010 3711	spring stud, use 1010 0360 nut		
N		6 1301 9542	screw
O 1342 8677	hex. post, use 1304 1645 screw, 1010 0402 nut	7 1304 0779	screw, use 1010 0378 nut
P 1325 4545	slotted post, use 1256 7715 washer, 1010 0360 nut	*10	
Q 1301 9542	screw	12 1304 0779	screw, use 1010 0378 nut
R 1010 9981	screw, 1010 0360 nut	13 1010 4198	screw, use 1010 0378 nut for register selection
S 1304 2924	pivot post, use 1026 6674 spring anchor, 1010 0378 nut	1304 0779	screw, use 1010 0378 nut without register selection
T 1010 3851	screw	14 1010 4198	screw, use 1010 0378 nut for register selection
U 1304 2791	riveted stud		
V 1010 6706	screw for series F300, F400, F500. Use		

PART NUMBERS CONTINUED ON NEXT PAGE

PART NUMBERS (PLATE VIII-20) CONTINUED

	1304 0779	screw, use 1010 0378 nut without register selection	61	1304 2171	screw
* 28			62	1304 2411	riveted block
29	1301 9542	screw, all styles except F214	63	1304 0787	screw
	1342 8651	screw post for style F214	64	1304 0787	screw
31	1304 0779	screw, use 1010 0378 nut all styles without Rotary Dial Indexed - Calendar Feature	67	1304 2189	rivet
	1010 9981	screw, use 1010 0360 nut, all styles with Rotary Dial Indexed - Calendar Feature	74	1304 0779	screw, use 1010 0378 nut, for all series except F300, F500
			1010 4198	screw, use 1010 0378 nut for series F300, F500	
32	1304 0779	screw, use 1303 8112 lock clip	75	1304 0779	screw, use 1010 0378 nut
34	1304 0779	screw, use 1010 0378 nut	82	1304 2189	rivet
35	1304 0779	screw, use 1010 0378 nut	93	1304 0779	screw, use 1010 0378 nut
39	1306 7582	bearing, use 1342 8255 nut	94	1304 0779	screw, use 1303 8112 lock clip 1010 0378 nut
42	1304 2049	post, use 1010 0436 nut	97	1028 9262	screw, use 1010 0402 nut
43	1304 0787	screw, all series except style F214	98	1028 9262	screw, use 1010 0402 nut
	1342 8669	post, use 1304 1645 screw for style F214	* 103		
44	1304 0787	screw, for series F50, F100, F200, F400	* 104		
	1343 0202	screw, for series F300, F500	* 107		
45	1304 2171	screw	* 108		
46	1304 2171	screw, for series F50, F100, F200	115	1304 2189	rivet
	1304 1850	screw, for series F300, F400, F500	* 140		
48	1035 0700	screw	* 141	1325 8363	spring stud, use 1010 0394 nut for F214
51	1035 0700	screw	* 142		
54	1035 0700	screw	146	1325 8371	post, use 1010 0311 nut, for style F214
55	1335 0418	dowel post, use 1335 0400 nut	216	1502 0217	post, use 1256 5248 nut, 1256 7434 washer
58	1328 5978	screw, use 1337 2172 washer, 1010 0402 nut			* Refer to ACCUMULATING UNIT CROSSFOOTER - LOWER ASSEMBLY for mounting screws used
60	1304 2171	screw, all series except F300, F500			
	1344 4633	screw, for series F300, F500			

4 REGISTER SELECTION MECHANISM (PLATE VIII-21)



PART NUMBERS (PLATE VIII-21)

A	1502 0225	shaft assembly for series F5000, F6000, except styles F5101, F5103, F5250, F6050, F6101, F6103, F6104 after serial F159903P, includes B, D, E	B	-- --	included in A
	1324 5022	shaft assembly, includes B, D, E for all styles except series F1000 before serial F159904P	C	1343 0731	spring
	1324 5071	shaft assembly for series F1000 except styles F1306, F1404, F1506	D	-- --	included in A
	1324 5048	shaft assembly for styles F1306, F1404, F1506	E	1344 5655	pin, included in A, for all series except F1000
				1029 3389	pin for series F1000
			F	1325 4545	guide stud, use 1256 7715 washer, 1010 0360 nut

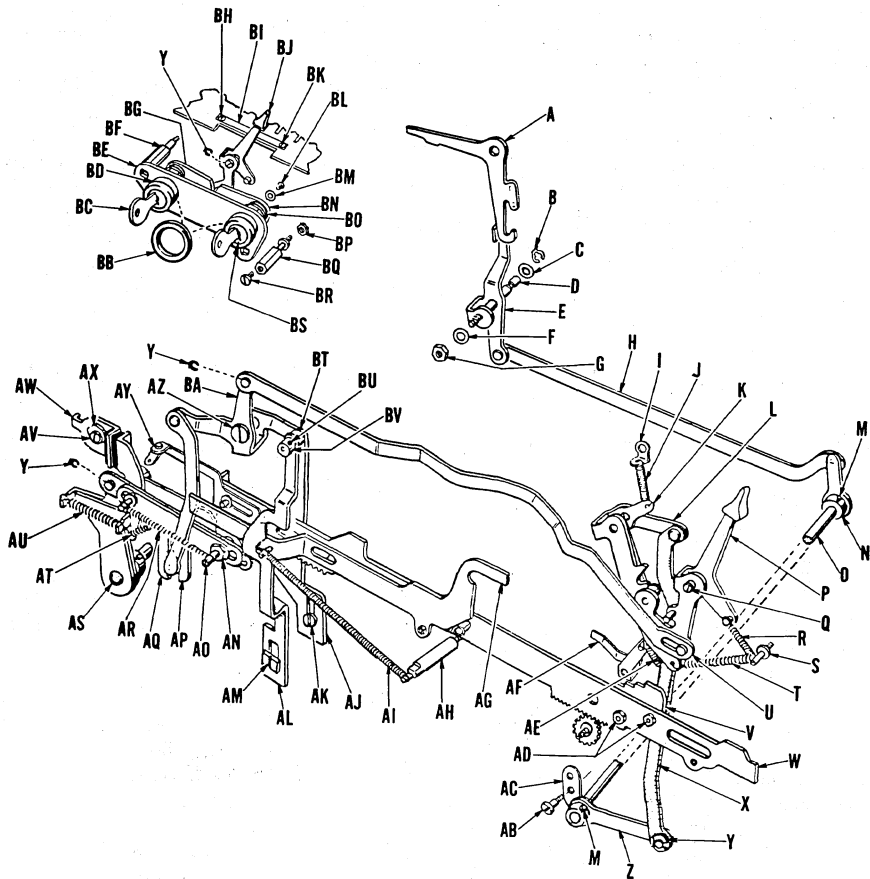
PART NUMBERS CONTINUED ON NEXT PAGE

Side Frames

PART NUMBERS (PLATE VIII-21) CONTINUED

G	1010 4198	screw for all series except F1000	1324 9719	bail for series F1000
	1304 0779	screw for series F1000	AG	1010 3919 screw
H	1010 0378	nut	AH	1303 4095 shaft assembly for series F200, F400, F6200, F6400 except styles F214, F6214
I	1324 9636	limit		1303 4111 shaft assembly for styles F6214 and style F214 after serial F56332P
J	1303 9185	slide for all styles except those having count controlled from register selection		1303 4103 shaft assembly for style F214 before serial F56333P
	1303 9177	slide assembly for styles having count controlled from register selection except F214, F6214		1303 4152 shaft assembly for series F5200, F5400
	1325 2762	slide assembly for styles F214, F6214		1324 4868 shaft assembly for series F1200, F1400
K	1303 7130	arm for series F200 thru F500, F6200 thru F6500	AI	1034 8852 pin
	1325 1483	arm for series F5000	AJ	1010 0089 clip
✓ L	1308 0601	guide for series F200 thru F500, F6200 thru F6500, F1000	AK	1025 6832 arm
	1324 3514	guide for series F5000	AL	1010 6714 screw, use 1256 7715 washer
✓ M	1010 4685	screw for all series except F5000	AM	1304 0506 eccentric
	1340 3944	screw for series F5000	AN	1303 9896 bumper
N	1304 1850	shoulder screw	AO	1342 7158 roller
✓ O	1010 4685	screw	AP	1342 8693 post, use 1256 7715 washer, 1010 0360 nut
P	1303 9276	bellcrank	AQ	1340 0452 screw, use 1256 7715 washer, 1010 0360 nut
Q	1010 0238	clip	BA	1304 0092 slide for styles F402, F404, F6404
R	1010 7142	screw		1304 0100 slide for styles F214, F6214
S	1324 3480	brace for all series except F1000		1304 0118 slide for styles F212, F5212, F6212 except those having automatic fee indexing mechanism
	1308 0601	brace for series F1000 except styles F1401, F1403		1325 3695 slide for styles F212, F5212, F6212 having automatic fee indexing mechanism, use 1027 2946 spring
	1324 3506	brace for styles F1401, F1403		1343 5599 slide for styles F201, F203, F204, F205, F401, F403 having 4 counter dials selected by registers
✓ T	1504 6063	brace, series F9000		1325 3737 slide for style F1404, use 1340 2490 eccentric stud, 1017 6519 nut
U	1010 4685	screw	BB	1010 7290 screw
V	1017 0868	eccentric	BC	1010 0360 nut
V	1010 4198	screw	BD	1027 2813 spring
W	1340 1948	eccentric collar	BE	1010 0220 clip, use 1010 0147 clip for style F6214
X	1303 8302	link for all series except F1000	BF	1304 0084 bellcrank for styles F212, F214, F5212, F6212, F6214 except styles F5212, F6212 with automatic fee indexing mechanism
	1325 2291	link for series F1000		1325 3653 bellcrank for styles F402, F404, F6404
Y	1325 1491	latch for series F200, F400, F6200, F6400, F5000 except styles F214, F6214		1325 3661 bellcrank for styles F5211, F5212, F6211, F6212 with automatic fee indexing mechanism
	1325 1509	latch for styles F214, F6214		1325 3679 bellcrank for style F1404
	1325 1517	latch for series F1000	BG	1342 8610 post
Z	-- --	included in AH, use 1034 8852 pin		
AA	1340 8976	spring		
AB	1010 0220	clip		
AC	1017 2500	eccentric		
AD	1028 8066	screw		
AE	1028 7951	spring		
AF	1303 6751	bail for all series except F1000 after serial F19139P		
	1303 6736	bail for all series except F1000 before serial F19140P		

REGISTER SELECTION CONTROLLED FROM SELECTOR LEVER POSITION NO. 56 (PLATE VIII-22)



PART NUMBERS (PLATE VIII-22)

A	1303 7445	carriage open-close bellcrank	S	1010 3711	spring stud
B	1010 0238	clip	T	1026 9520	spring
C	1027 2896	washer	U	-- --	included in P
D	1304 2254	post	V	1324 7937	plate after serial F44856P. Use 1324 7937, 1333 4347 cam before serial F44857P
E	1303 5951	bellcrank	W	-- --	refer to 4 REGISTER SELECTION MECHANISM
F	1023 8467	washer	X	-- --	included in L
G	1010 0329	nut	Y	1010 0220	clip
H	1324 8018	link after serial F54143P. Use 1324 8018, 1324 4975 shaft assembly, 1010 0238 clip (2), before serial F54144P	Z	-- --	included in O
I	1010 0071	spring anchor	AB	1304 2171	shoulder screw
J	1044 2622	spring	AC	1303 5845	bracket
K	1303 5852	spring anchor	AD	1010 9601	screw, use 1010 0360 nut
L	1303 6033	bail for style F214	AE	1013 9350	spring
	1324 8117	bail for style F6214	AF	1300 9386	bellcrank
M	1011 9972	replacement pin		1328 5309	bellcrank assembly for style F6214 with crossfooter "A" non-clear lock
N	-- --	included in O	AG	1325 8322	slide
O	1324 4975	shaft assembly includes N, Z after serial F54143P. Use 1324 4975, 1324 8018 link, 1010 0238 clip (2) before serial F54144P	AH	1325 8363	post, use 1010 0436 nut
P	1303 5910	lever assembly for style F214	AI	1306 8184	spring
	1324 8059	lever assembly for style F6214	AJ	1303 6090	plate, includes BA, BT after serial F56332P
Q	1342 8651	shoulder screw, use 1010 0220 clip		1303 6082	plate before serial F56333P
R	1026 9744	spring			

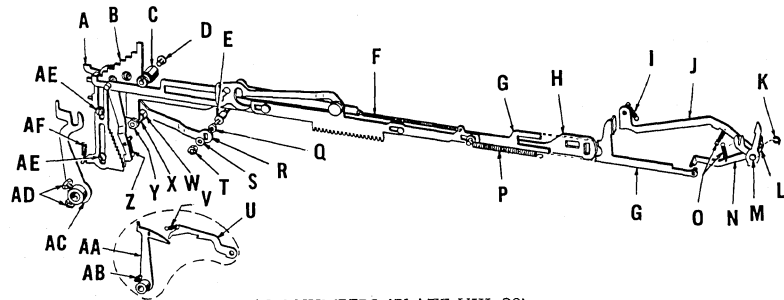
PART NUMBERS CONTINUED ON NEXT PAGE

Side Frames

PART NUMBERS (PLATE VIII-22) CONTINUED

AK	1027 7663	screw, use 1342 7497 eccentric collar	BE	1303 5993	lock bracket
AL	1325 8348	slide	BF	1342 8669	post for style F214
AM	1325 8371	post, use 1010 0311 nut		1339 1289	post for style F6214
AN	1342 6994	eccentric	BG	1300 7372	locking plate
AO	1342 9808	spring screw stud	BH	-- --	Refer to KEYBOARD CONSTRUCTION
AP	1303 8336	slide assembly, after serial F56332P	BI	-- --	
	1303 8328	slide assembly, before serial F56333P	BJ	1307 6195	keytop (color gray 207)
AQ	-- --	included in AP		1331 4034	keytop (color blue 705)
AR	1027 6566	spring	BK	-- --	refer to KEYBOARD CONSTRUCTION
AS	-- --	Refer to 4 REGISTER SELECTION MECHANISM	BL	1013 8782	screw
AT	-- --		BM	1303 6694	washer
AU	-- --		BN	1300 7380	locking slide
AV	-- --		BO	1343 0715	compression spring
AW	-- --		BP	1010 0402	nut
AX	-- --		BQ	1342 8677	post for style F214
AY	-- --			1339 1297	post for style F6214
AZ	1025 6428	screw, use 1010 0378 nut	BR	1304 1645	screw
BA	-- --	included in AJ	BS	-- --	lock, 90 1/2 Style 7 (key combinations Nos. 1001F8 thru 1100F8)
BB	1300 8289	rubber grommet for case panel	BT	-- --	included in AJ
BC	-- --	key, 90 5/8 style 7 (key combinations Nos. 1001F8 thru 1100F8)	BU	1255 7617	setscrew, included in BV
BD	1342 6986	spring collar	BV	1342 9931	eccentric set collar, includes BU

9 REGISTER SELECTION MECHANISM - INDEXING CONTROLS (PLATE VIII-23)



PART NUMBERS (PLATE VIII-23)

-- --	-- --	Refer to 4 REGISTER SELECTION MECHANISMS for parts not shown	E	1304 2254	post
A	1506 0551	latch assembly, after serial F138338P	F	1340 8851	spring
	1303 5829	latch assembly before serial F138339P and after serial F20841P, includes Q. Use 1303 5829, 1010 0428 nut before serial F20842P and after serial B199605. Use 1303 5829, 1325 3364 step plate, 1325 6722 post, 1340 6962 roller, 1010 0428 nut before serial B199606	G	-- --	Refer to RACK BAR CHART
B	1506 0585	step plate, after serial F138338P	H	1304 0167	slide
	1325 3364	step plate before serial F138339P and after serial F64425P. Use 1325 3364, 1325 6722 post, 1340 6962 roller before serial F64426P	I	1027 2045	spring
C	1325 6722	post, use 1340 6962 roller, 1010 0147 clip with single index plate .083" thick. Use 1325 6722, 1303 0903 roller (2), 1303 0515 washer (2), 1337 1893 shim, 1010 0147 clip with double index plate .100" thick. Use 1325 6722, 1304 0464 roller, 1010 0147 clip with single index plate .050" thick	J	1303 4582	link for series F300 thru F500 except styles F511, F512, F513
D	1010 6706	screw for all series except F5000		1324 5634	link for styles F511, F512, F513
	1343 0418	screw for series F5000	K	1010 0238	clip
			L	1028 8736	space collar
			M	1304 2361	post, use 1010 0378 nut for series F300 thru F500 except styles F511, F512, F513
				1325 4388	post, use 1010 0378 nut for styles F511, F512, F513
			N	1303 9672	arm for all styles except F305, F505, F511, F512, F513 after serial F5089P. Use 1303 9672, 1335 1903 rack bar before serial F5090P
				1303 9680	arm for styles F305, F505
				1325 3265	arm for styles F511, F512, F513
			O	1027 7564	spring
			P	1306 8184	spring

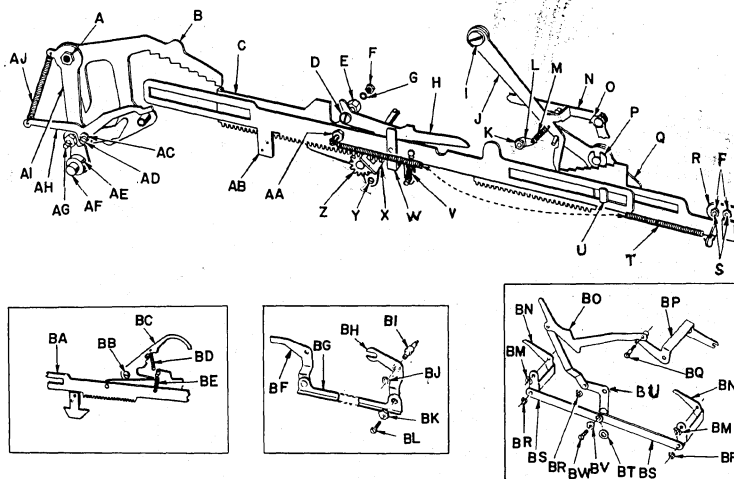
PART NUMBERS CONTINUED ON NEXT PAGE

Side Frames

PART NUMBERS (PLATE VIII-23) CONTINUED

Q	1010 0329	nut	AB	1026 0883	screw
R	-- --	included in A	AC	1303 6504	lever
S	1017 4720	eccentric after serial F138338P, use 1337 2214 lockwasher	AD	1508 7711	screw
	1010 4982	washer before serial F138339P	AE	1340 2979	screw, after serial F138338P, use 1506 0528 shoulder post, 1010 0410 nut
T	1026 2053	slotted nut			Use 1010 4248 screw, 1342 8545 post, 1010 0410 nut in lower position before serial F138339P and after F49285P. Use 1010 4248 screw, 1342 8552 post, 1342 7547 spacer before serial F49286P. Use 1343 0418 screw, 1342 7547 spacer, 1342 8552 post, 1010 0410 nut in upper position before serial F138339P
U	1343 3750	arm			
V	1027 7093	spring			
W	1325 5096	double threaded post, use 1010 0360 nut			
X	1304 4490	eccentric, use 1342 6689 washer			
Y	1010 0428	nut			
Z	1506 0494	torsion spring after serial F138338P			
	1026 9900	spring before serial F138339P			
AA	1368 6043	arm, Nos. 1 thru 9, specify No.	AF	1027 7440	spring

9 REGISTER SELECTION MECHANISM - SELECTION CONTROLS (PLATE VIII-24)



PART NUMBERS (PLATE VIII-24)

	-- --	Refer to 4 REGISTER SELECTION MECHANISMS for parts not shown			1325 3489, 1324 9339 index assembly,
A	1506 0486	eccentric shoulder nut, use 1027 6384 screw			1325 5310 latch, 1026 6674 spring anchor, 1010 0378 nut, 1028 8447 spring, 1015 2262 spring, 1303 4897 arm assembly, 1343 0202 screw before serial F52484P and after serial F21674P. Use 1304 0001 slide, 1028 8447 spring before serial F21675P
B	1324 9339	index assembly for series F300, F500, F5000, F6000, except styles F404, F6404			
	1324 9347	index assembly for series F1000 except style F1404			
	1324 9354	index assembly for styles F404, F6404		1325 3513	for styles F404, F6404
	1324 9362	index assembly for style F1404		1325 3539	for style F1404
C	-- --	SLIDE ASSEMBLIES		1511 6262	for style F5510, use with 1508 4825
	1325 3497	for all styles after serial F52435P except F305, F404, F505, F1404, F5510, F6305, F6404, F6505. Use 1325 3497, 1324 9339 index assembly, 1325 5310 latch, 1026 6674 spring anchor, 1010 0378 nut, 1028 8447 spring, 1015 2262 spring, 1303 4897 arm assembly, 1304 0787 screw before serial F52436P and after serial F20837P. Use 1304 0027 slide before serial F20838P	D	1010 4420	screw, use 1337 1117 spacer
			E	1342 8693	post, use 1010 4156 spacer
			F	1010 0378	nut
			G	1256 7715	lockwasher
			H	1303 6546	arm, for all styles except series F5000
				1324 9503	arm for series F5000
			I	1304 0787	screw for series F300, F400, F500. Use 1338 9010 threaded stud, 1010 0402 nut, 1300 1433 clip on series F5000
			J	1325 5310	latch for series F300, F500, F6300, F6500
	1325 3489	for styles F6305, F6505 and for styles F305, F505, after serial F52483P. Use			

PART NUMBERS CONTINUED ON NEXT PAGE

PART NUMBERS CONTINUED ON NEXT PAGE

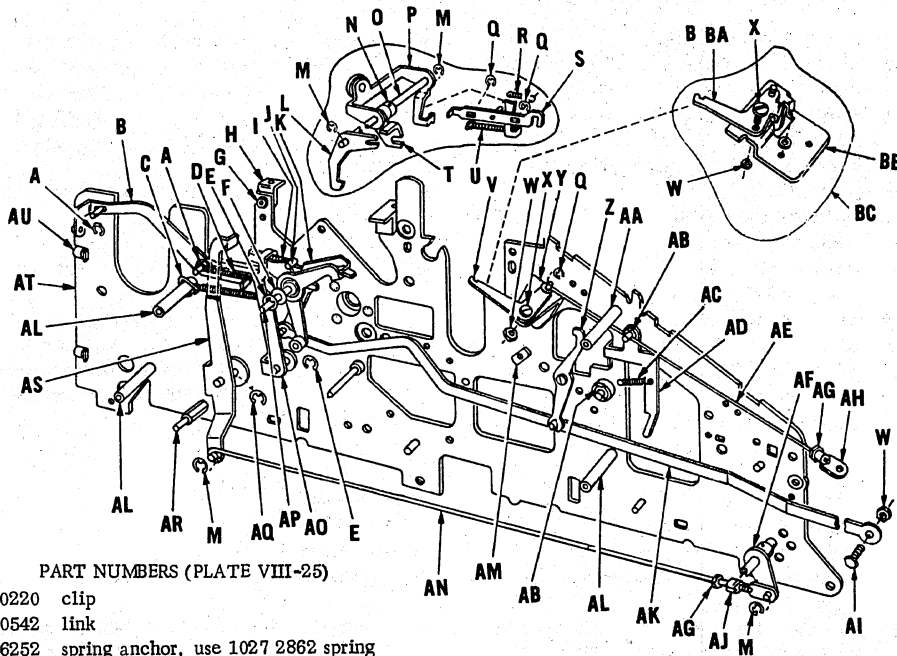
Side Frames

PART NUMBERS (PLATE VIII-24) CONTINUED

	1325 5328	latch for series F5000	AB	1304 0068	slide for all styles except F404, F1404, F6404 after serial F20837P
K	1010 0386	nut		1304 0043	slide for all styles before serial F20838P
L	1026 6674	spring anchor		1325 3604	slide for styles F404, F1404, F6404
M	1015 2262	spring	✓	1209 1377	slide, for styles F6460, F6560
N	-- --	Refer to SHAFT ASSEMBLIES	AC	1010 8751	eccentric, included in AI
O	1010 0238	clip	AD	1011 0195	screw, included in AI, use 1010 0451 nut
P	1300 1482	clip for all styles except F511, F512, F513	AE	1034 8852	pin, included in AF
	1344 7354	clip for styles F511, F512, F513	AF	1502 4862	shaft assembly for all series except F1000, includes AE. Use 1010 0089 clip inside and 1048 4533 set collar outside of right side frame
Q	1508 4825	lever for style F5510, use with 1511 6262		1502 3765	shaft assembly for series F1000, includes AE
	1303 9979	lever for all styles except F511, F512, F513, series F1000 and machines having calendar feature with advancing month and year control carriage controlled	AG	1340 0247	flanged spring post. Use 1017 2344 plain collar after serial F141697P, use 1340 1419 eccentric before serial F141698P
	1303 9987	lever for styles F511, F512, F513	AH	1303 6439	latch included in AI for all series except F5000
	1325 3372	lever for series F1000		1324 9396	latch, included in AI for series F5000
	1343 4584	lever for machines having calendar feature with advancing month and year control carriage controlled	AI	1303 6371	arm for all styles
R	1506 0544	limit		1303 6389	complete assembly, includes AC, AD, AH for all styles except series F5000
S	1010 4198	screw for all series except F1000. Use 1304 0779 screw, 1337 1364 washer for series F1000		1303 6397	complete assembly, includes AC, AD, AH for series F5000
T	1028 8447	spring for all series except F1000	AJ	1028 8009	spring
	1340 9271	spring for series F1000	BA	1304 0043	slide
U	1325 4545	guide post, use 1256 7715 washer 1010 0360 nut	BB	1010 6169	screw, use 1256 7715 lockwasher, 1010 0360 nut
V	1027 2839	spring for all styles except those with register selection from keyboard column "O"	BC	1303 9961	arm
	1015 2262	spring for machines with register selection from keyboard column "O"	BD	1015 2262	spring
W	1303 6520	latch for all series except F5000	BE	1321 8417	spring
	1324 9479	latch for series F5000	BF	-- --	included in BG
X	1303 4632	bracket included in Z for series F300, F400, F500, F6300, F6400, F6500	BG	1325 2861	arm assembly, includes BF, BH, BK, BL. Use 1325 2861, 1339 1081 post (2) when replacing a non-adjustable assembly
	1324 5675	bracket, included in Z for series F5000	BH	1326 4833	bellcrank, included in BG
	1324 5659	bracket, included in Z for series F1000	BI	1339 1081	post, for adjustable assembly, use 1339 1081 (2), 1325 2861 arm assembly when replacing a non-adjustable assembly
Y	1344 4633	screw, use with 1010 4198 screw, 1010 0378 nut (in rear) for series F300, F400, F500, F6300, F6400, F6500. Use 1010 4198 screw (2), 1010 0378 nut (2) for series F5000.	BJ	1010 0238	clip
	1340 4041	screw for series F1000 (in bottom) use 1010 0360 nut and use with 1010 4198 screw, 1010 0360 nut (in front)	BK	1010 9932	eccentric, included in BG
Z	1303 4251	shaft assembly includes X and 1300 1417 clip for series F300, F400, F500, F6300, F6500	BL	1010 9981	screw, included in BG
	1303 4269	shaft assembly, includes X and 1300 1417 clip for series F5000	BM	1010 0220	clip
	1324 5097	shaft assembly, includes X and 1300 1417 clip for series F1000	BN	1326 0476	bail
AA	1343 0269	eccentric screw, use 1256 7459 lock-washer, 1010 0410 nut	BO	1326 0328	bellcrank
			BP	1325 3372	bail
			BQ	1028 8371	screw, use 1010 0360 nut
			BR	1255 3129	clip
			BS	1326 0500	link
			BT	1044 3018	space collar, used when one link BS is omitted
			BU	1326 0492	bellcrank
			BV	1026 0388	eccentric
			BW	1011 0179	screw

Side Frames

LEFT SIDE FRAME - F1000 (PLATE VIII-25)

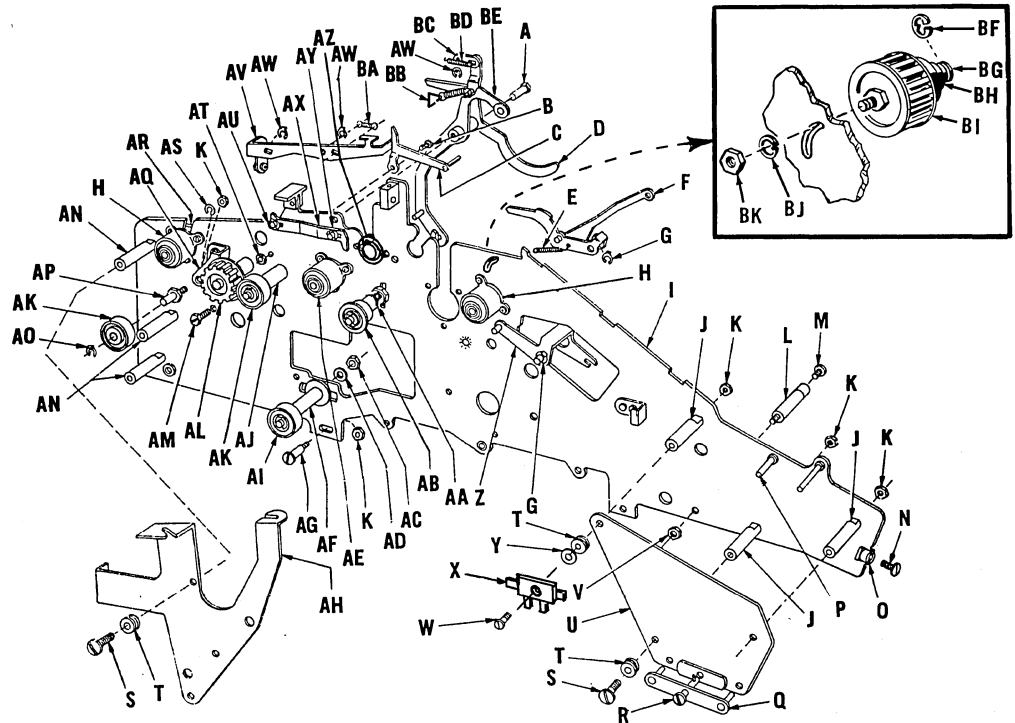


PART NUMBERS (PLATE VIII-25)

A	1010 0220	clip	AB	1010 0238	clip
B	1326 0542	link	AC	1017 1460	spring
C	1026 6252	spring anchor, use 1027 2862 spring	AD	1326 0005	latch
D	1027 2870	spring	AE	1336 7008	wire link, includes AG, AH
E	1255 3152	clip	AF	1502 8012	back space pivot shaft assembly, after serial F158755P
F	1337 7759	spacer, use 1027 2896 washer before serial F82399P		1336 7396	back space pivot shaft assembly, before serial F158756P
G	1010 0360	nut, use 1010 4867 screw	AG	1010 0485	nut
H	1326 0252	bracket	AH	1028 8645	turnbuckle
✓ I	1340 9495	spring	AI	1340 1831	eccentric screw
J	1326 5665	stud replacement assembly, use 1010 5161 screw in place of screw G	AJ	1028 8652	turnbuckle
✓ K	1326 0302	bellcrank, after serial F82398P	AK	1326 0443	link
	1326 0286	bellcrank, before serial F82399P	AL	1341 8231	post, use 1010 0410 nut
	1504 8796	bellcrank, ball printer	AM	1335 0095	bearing, use 1307 6120 nut
L	1332 7002	overthrow limit	AN	1336 7016	wire link, includes AG, AJ
M	1300 1490	clip	AO	1326 0047	bellcrank
N	1015 4920	setcollar, includes 1010 8967 screw	AP	1326 0245	pivot shaft. Use 1340 5899 screw, 1337 7759 spacer, 1338 7527 nut, 1502 1942 bearing support bracket for field repair of broken bearing housing
✓ O	1326 0138	shaft	AQ	1300 1417	clip
	1504 2021	shaft, ball printer	AR	1341 8454	threaded post
P	1336 8055	arm	AS	1326 0187	bellcrank
Q	1255-3129	clip	AT	1502 5067	side frame for all styles except F1423, after serial F147818P
R	1307 2988	spring		1324 8653	side frame for all styles except F1423, before serial F147819P and after serial F135493P
S	1325 9981	slide		1324 8307	side frame for all styles except F1423, before serial F135494P
T	1332 7010	bellcrank		1502 2510	side frame for style F1423
U	1026 9355	spring	AU	1341 1087	slotted nut, use 1011 3538 retainer
V	1326 0146	bellcrank	BA	1326 0153	bellcrank
	1502 2445	bellcrank for style F1423, use 1255 3129 clip	BB	1326 0088	bracket, use 1011 0179 top mount screw, 1010 4198 bottom mount screw, 1010 0386 nut
W	1010 0386	nut	BC	1502 9937	complete bracket assembly, includes W, X, BA, BB
X	1340 3159	screw			
Y	1326 0070	bracket, use 1011 0179 top mount screw, 1010 4198 bottom mount screw, 1010 0386 nut			
	1502 2437	bracket for style F1423, use 1010 4198 top mount screw, 1257 0693 bottom mount screw, 1010 0386 nut			
Z	1326 0468	interlock, all styles except F1423, use 1340 3118 screw			
	1502 2528	interlock for style F1423, use 1502 2718 screw			
AA	1341 8231	post, use 1010 0410 nut			

Side Frames

AUXILIARY LEFT SIDE FRAME - F1000 (PLATE VIII-26)



✓PART NUMBERS (PLATE VIII-26)

A	1341 8116	tapped post	Z	1325 3372	bail
	1504 2443	tapped post, series F9000		1504 8242	bail, series F9000
B	1340 6194	screw	AA	1339 1339	post, use 1338 7972 nut.
C	1326 0534	bellcrank			
D	1336 8030	cam arm	AB	1338 7188	idler pulley, use 1300 1417 clip, 1342 6630 washer. Use 1338 7188, 1339 1339 post, 1338 7972 nut, 1342 6630 washer, 1300 1417 clip before serial F108498P
	1504 2310	cam arm, series F9000	AC	1010 0402	nut
E	1026 9892	spring	AD	1010 8744	washer (.050")
F	1504 8218	arm, series F1000, F9000, except style F1423. Use 1504 8218, 1504 8101 for style F1423	AE	1326 0385	assembled bearing, use 1341 8363 rivets
G	1010 0238	clip	AF	1341 8462	threaded post
H	1326 0377	assembled bearing, use 1010 3380 screws or 1341 8363 rivets	AG	1341 3620	screw
I	-- --	side frame	AH	1326 0799	bracket, includes T
J	1326 3900	post	AI	1341 7738	idler pulley for 11 or 13 tooth motor pulley
K	1010 0337	nut		1341 7746	idler pulley for 15 or 18 tooth motor pulley
L	1326 0120	nylon post	AJ	1341 7761	riveted post
M	1341 3935	shoulder screw	AK	1341 7738	idler pulley, use 1300 1417 clip
N	1044 2606	screw	AL	1502 5372	carriage opening shaft assembly, with belt pulley at position AL and chain sprocket at other end
O	1341 1087	slotted nut, use 1011 3538 retainer		1336 8006	carriage opening shaft assembly with belt pulleys on both ends. Use 1502 3070 repair sprocket, 1255 7690 (2) screw to convert 1336 8006 to 1502 5372. Use 1337 9987 bronze washer inside left side frame
P	1339 8045	post			
Q	1326 0922	bracket, includes R			
R	1341 9148	screw, use 1341 9163 pin			
S	1341 9098	screw			
T	1341 9106	rubber grommet			
U	1326 0856	bracket, includes T			
V	1256 5263	nut			
W	1010 8215	screw			
X	1341 7944	terminal strip			
Y	1341 9056	flanged collar			

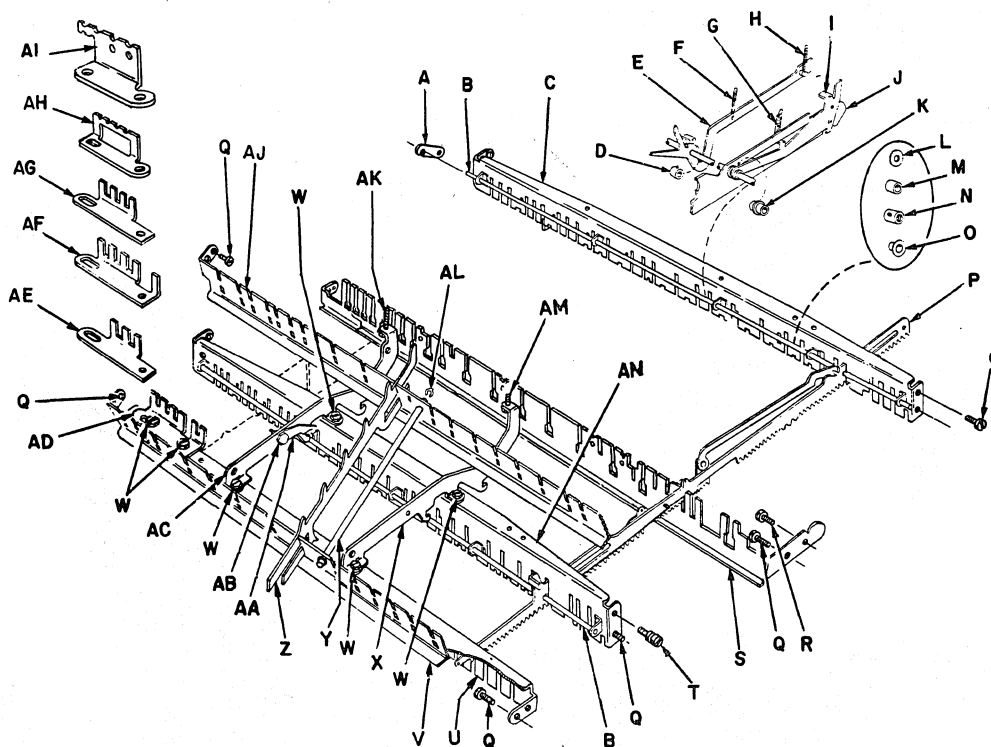
PART NUMBERS CONTINUED ON NEXT PAGE

Side Frames

PART NUMBERS (PLATE VIII-26) CONTINUED

AM	1300 8065	screw for part A	AZ	1326 0021	bearing, use 1303 1364 screw, 1010 0378 nut
AN	1326 3900	post	BA	1027 6418	spring
AO	1300 1417	clip	BB	1026 6252	spring anchor, use 1026 9793 spring
AP	1341 8090	flanged screw, use 1026 9827 lockwasher	BC	1526 1852	link
AQ	1502 5398	bracket	BD	1341 0212	spring
AR	1326 0401	bearing retaining plate	BE	1336 8071	cam follower
AS	1256 7749	lockwasher	BF	1255 3178	clip
AT	1010 0360	nut	BG	1504 2732	guide stud
AU	1300 1490	clip	BH	1341 7654	spacer
AV	1326 0559	actuator	BI	1504 2724	idler pulley, ball printer
AW	1010 0220	clip	BJ	1256 7723	lockwasher
AX	1326 0393	slide	BK	1256 5248	nut
AY	1255 3129	clip			

GUIDE COMBS (PLATE VIII-27)



PART NUMBERS (PLATE VIII-27)

A	1303 8112	plate		1324 5329	for styles with automatic fee indexing mechanism, 1¢ thru 99¢ as specified, with repeat of bar 4 and non-skip from bars 1 and 4 carriage controlled
	1502 2411	clip and spring anchor for style F1423		1324 5345	
B	1304 5067	shaft			
✓ C	1303 4335	for all styles except those listed below			
	1324 5170	for styles F121, F123, F212, F221, F223, F421, F423, F5212, F5213, F6212, F6213, F6221, F6223, F6423, F9404	D	1342 7737	set collar, includes 1255 7617 screw
			E	1304 0225	bellcrank
	1324 5204	for series F300, F400, F500	F	1027 7572	spring
	1324 5428	for series F6000	G	1026 9900	spring for all styles except F212, F5212, F6212
	1303 4392	for style F404 with register 5 in position 5		1011 3074	spring for styles F212, F5212, F6212
	1324 5154	for series F1000 except styles F1404 with register 5 in position 5 and F1551, F1553, F1423, F9050, series F9100, F9200	H	1026 9298	spring
			I	1308 0825	limit for all styles except F212, F5212, F6212
	1324 5287	for style F1404, F9404 with register 5 in position 5		1308 0833	limit for styles F212, F5212, F6212
	1502 2502	for style F1423			
	1324 5386	for styles F1551, 1553, series F9300, F9400, F9500, F9700			

PART NUMBERS CONTINUED ON NEXT PAGE

PART NUMBERS CONTINUED ON NEXT PAGE

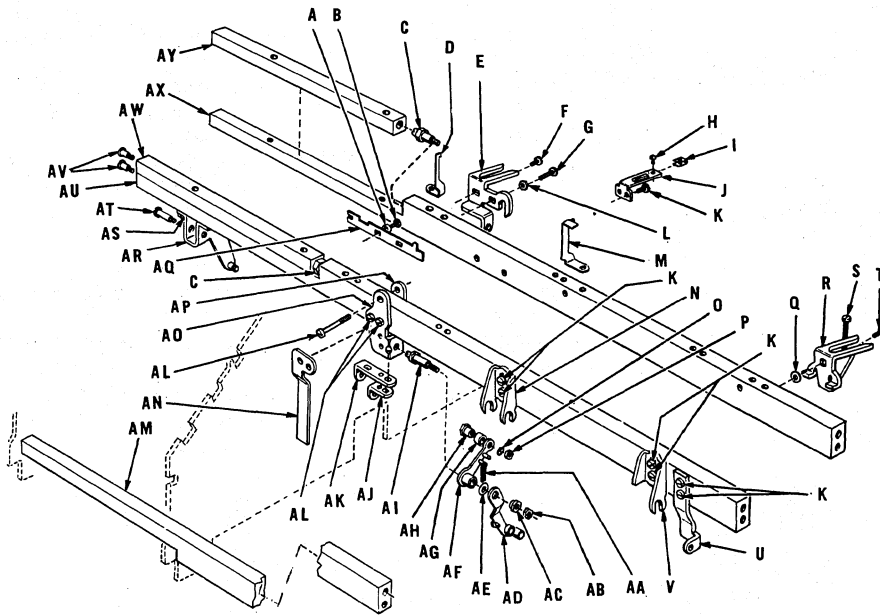
Side Frames

PART NUMBERS (PLATE VIII-27) CONTINUED

J	-- --	refer to RACK BAR CHART	W	1340 4769	screw, use 1256 7715 washer, 1010 0360 nut
K	1306 7210	double shoulder spacer for all styles except F212, F5212, F6212	X	1324 5618	brace for series F25 thru F500, F1000, F9000, F5000, F6000 and F700 after serial F20884P. Use 1324 5618, 1303 4707 latch, 1340 3886 screw, 1010 0386 nut before serial F20885P
	1342 7174	double shoulder spacer for styles F212, F5212, F6212	Y	1303 4293	tie shaft
L	1010 4453	spacer for all styles except F404, F1404, F6404, F9404	Z	-- --	refer to INDEX STRIP AND GUIDE COMBS
	1337 8641	spacer for styles F404, F1404, F6404, F9404	AA	1303 4707	latch
M	1342 7182	spacer 7/32" wide	AB	1340 3886	screw, use 1010 0386 nut
	1342 7174	spacer 3/16" wide	AC	1324 5618	brace for series F25 thru F500, F700 before serial F17843P
	1306 7244	spacer 15/64" wide			
N	1342 0112	set collar, includes 1255 7617 screw		1324 5600	brace for styles F5212, F5213
O	1306 7202	collar spacer 3/16" long		1303 4558	brace for series F25 thru F500, F700 after serial F17842P; also for series F1000, F5000, F6000, F9000 except styles F5212, F5213
	1306 7228	collar spacer 3/8" long. Use 1337 8641 spacer for machines without keyboard selection of registers. Use 1337 9078 spacer for machines with keyboard selection of registers	AD	1306 5651	limits
			AE	1326 5863	
			AF	1306 5669	
			AG	1306 5685	
			AH	1306 5677	
P	-- --	refer to RACK BAR CHART	AI	1334 9881	
Q	1304 0779	screw, use 1010 0378 nut	AJ	1303 4509	for all styles except those listed below
R	1010 9205	screw, use 1010 0378 nut		1303 4517	for styles F305, F505, F6305, F6505
S	1303 4954	for all styles except those listed below		1303 4525	for styles F511, F512, F513, F5510, F6510
	1303 4962	for styles F121, F123, F212, F213, F421, F423, F5213, F6212, F6221, F6223, F6423		1324 5576	for styles F404, F1404, F6404, F9404
	1303 4970	for styles F511, F512, F513, F5510, F6510		1324 5568	for styles F506, F1306, F1506, F6306, F6506
	1324 5899	for styles F404, F6404		1324 5493	for machines with register selection, carriage controlled, to prevent selection and/or indication of a higher numbered register from keyboard column "0"
	1324 5923	for style F5212			
	1324 5881	for series F1000 except style F1404			
	1324 5915	for style F1404, F9404			
T	1304 1298	screw, use 1010 0378 nut	AK	1025 7004	screw, use 1010 6011 washer, 1010 0378 nut
U	1324 5444	for all styles except those listed below	AL	1010 0220	clip
	1324 5485	for styles F121, F123, F212, F213, F221, F223, F421, F423, F5212, F5213, F6212, F6213, F6221, F6223, F6423, F6510	AM	1304 2775	screw, use 1010 0360 nut
	1324 5451	for styles F211, F212 with automatic fee indexing mechanism and F206	AN	1303 4319	for all styles except those listed below
	1344 6851	for style F6761		1324 5113	for styles F121, F123, F212, F213, F221, F223, F421, F423, F5212, F5213, F6212, F6213, F6221, F6223, F6423
	1502 2429	for style F1423		1303 4343	for styles F511, F512, F513, also for F6103, F6203, F6403 with calendar feature with advancing month and year control
	1324 5451	for style F212 with automatic fee indexing mechanism, 1¢ thru 99¢ as specified, with repeat of bar 4 and non-skip from bars 1 and 4 carriage controlled		1303 4368	for styles F103, F203, having calendar feature with
	1502 3922	for series F6000 with calendar feature with advancing month and year control		1303 4376	for styles F303, F503 advancing month and
	1343 4501	for styles F103, F203, F303, F403, F503 with calendar feature with advancing month and year control		1502 3831	for styles F6303, F6503, F6307, F6507, year control
V	1303 4509	strip for all styles except those listed below		1324 5154	for series F1000, F9000 except style F1423
	1324 5576	strip for styles F404, F1404, F6404, F9404		1502 2726	for style F1423
	1324 5550	strip for style F5212			
	1324 5501	strip for machines with register selection from keyboard column "0"			

Side Frames

SUPPORT BARS AND BRACES (PLATE VIII-28)



PART NUMBERS (PLATE VIII-28)

A	1013 1514	washer			roller, 1342 9899 bushing, 1028 7332
B	1015 3724	screw			eccentric, 1256 7715 lockwasher, 1010 0386
C	1338 8806	shoulder screw			nut, 1018 0628 spring before serial F21033P
D	1332 7432	brace, use 1010 7928 screw			
E	1325 2465	brace after serial F19688P. Use 1325 2465, 1010 8439 screw, 1010 0386 nut before serial F19689P	AE	1010 3927	washer
	1325 2473	brace for series F5000	AF	1328 4807	arm for all series except F5000, after serial F36034P. Use 1328 4807, 1328 5754 post, 1342 7364 roller, 1342 9899 bushing, 1256 7715 lockwasher, 1010 0386 nut before serial F36035P, except F5000
	1303 8583	brace with tapped hole		1328 4815	arm for series F5000
F	1010 9981	screw	AG	1342 7364	roller
G	1304 2528	screw	AH	1342 9899	bushing
H	1303 1893	screw	AI	1328 5754	post after serial F36054P. Use 1328 5754, 1328 4807 arm, 1342 9899 bushing, 1342 7364 roller, 1256 7715 lockwasher, 1010 0386 nut before serial F36055P
I	1300 1508	speed nut	✓ AJ	1503 1487	brace } use 1015 3757 screw,
J	1502 3112	case bracket after serial F87701P	✓ AK	1503 1495	brace } 1010 0386 nut
	1326 0740	bracket before serial F87702P	AL	1343 0095	screw, use 1010 0360 nut
K	1010 9601	screw	AM	-- --	<u>Support Bars</u>
L	1010 0378	nut		1325 4842	for all series F6000 except those listed below
M	1332 5345	brace, use 1028 9395 screw		1325 4826	for styles F6209, F6211, F6212, F6214, F6305, F6505, F6760
N	1303 4699	brace		1325 4834	for style F6404
O	1256 7715	lockwasher		1325 4859	for style F6510
P	1010 0386	nut		1325 4743	for series F5000 except styles F5211, F5212 with automatic fee indexing mechanism and F5510
Q	1023 8467	washer		1325 4768	for styles F5211, F5212 with automatic fee indexing mechanism
R	1325 2457	brace, after serial B200642, includes S		1325 4792	for style F5510
	1303 8575	brace, before serial B200643, has tapped hole		1325 4800	for styles F210, F211, F212, F214 } use 1340 5444 screw with item counters
S	-- --	included in R		1325 4818	for style F404
T	1010 9981	screw			
U	1303 7114	brace			
V	1324 5683	brace			
	1324 5691	brace with interlock on carriage directional key			
AA	1018 0628	spring			
AB	1010 0360	nut			
AC	1028 7332	eccentric			
AD	1300 9220	arm, after serial F21032P. Use 1300 9220, 1328 4807 arm, 1328 5754 post, 1342 7364			

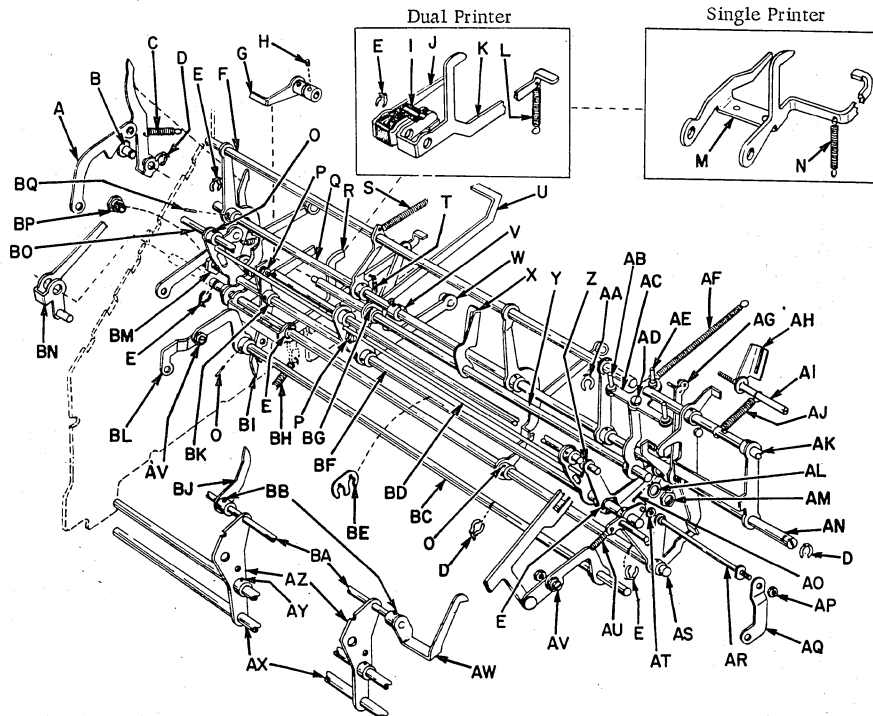
PART NUMBERS CONTINUED ON NEXT PAGE

Side Frames

PART NUMBERS (PLATE VIII-28) CONTINUED

AN	1326 4577	limit, use 1340 3290 screw		
AO	1300 9535	brace after serial F24116P. Use 1300 9535, 1300 9543 plate, 1343 0095 screw (2), 1010 0360 nut (2), 1328 4807 arm, 1328 5754 post, 1028 7332 bushing, 1342 9899 bushing, 1342 7364 roller, 1256 7715 lockwasher, 1010 0386 nut before serial F24117P	AW	1325 4727 support bar
			✓ AX	1502 0324 rear support bar for series F6000 after serial F159903P
AP	1300 9543	plate		1325 4867 rear support bar for series F25 thru F500, F700, F6000 before serial F159904P and after serial F131191P. Use 1325 4867, 1326 6127 brace, 1340 4520 screw, 1256 7459 washer before serial F131192P
AQ	1326 0161	slide		1502 0332 rear support bar for series F5000 after serial F159903P
AR	1328 5408	bracket		1325 4883 rear support bar for series F5000 before serial F159904P and after serial F131191P. Use 1325 4883, 1326 6127 brace, 1340 4520 screw, 1256 7459 washer before serial F131192P
AS	1010 9825	screw		1325 4636 rear support bar for series F1000
AT	1340 5634	shoulder screw, use 1010 0394 nut		1504 4837 rear support bar, series F9000
✓ AU	1304 3005	front support bar for styles F404, F421, F423		1205 1629 rear support bar for F3000, F6000 with serial numbers ending in S, with gear drive bar
	1325 4586	support bar for series F25 thru F500, F700 except styles F404, F421, F423, also for style F6213	AY	1325 4735 bar
	1503 1529	front support bar, series F1000, F6000		
	1503 1503	support bar, ball printer		
	1325 4701	support bar for series F5000		
AV	1304 0787	screw for series F25 thru F500, F700, F1000, F5000, F6000 except as listed below		
	1343 0202	screw for series F300, F500 on front support bar, lower hole		

SHAFT ASSEMBLIES (F25 THRU F500, F1000, F5000 AND F6000) (PLATE VIII-29)



PART NUMBERS (PLATE VIII-29)

A	1303 4897	bellcrank, for styles F25 thru F500, F6000, except styles F214, F6214 and styles with rotary dial calendar feature	1324 5741	bellcrank for series F5000 WITH rotary dial
	1303 4913	bellcrank for styles F214, F6214	✓ 1504 8218	bellcrank, series F1000 and F9000 except F9423. Use 1504 8218 and 1504 8101 for style F9423
	1303 4905	bellcrank for styles F25 thru F500, F6000 with rotary dial calendar feature		calendar feature
	1324 5725	bellcrank for series F1000	1324 5758	bellcrank for series F5000 WITHOUT rotary dial calendar feature

PART NUMBERS CONTINUED ON NEXT PAGE

Side Frames

PART NUMBERS (PLATE VIII-29) CONTINUED - Page 1

B	1304 2924	post, use 1010 0360 nut	S	1340 8919	spring for series F25 thru F500, F5000, F6000, use 1026 6351 spring anchor
	1010 8991	screw for riveted post		1341 0410	spring for series F1000, use 1026 5957 spring anchor
	1502 2676	threaded stud for style F1423		1307 2996	spring for series F1000 (serial numbers ending in S), use 1200 2887 spring anchor
C	1026 9892	spring	T	1343 0798	spring, use with part R
D	1010 0238	clip	U	-- --	included in Y
E	1300 1417	clip, included in AS	V	1301 0194	split collar, includes 1025 7335 setscrew
F	1329 2990	grooved shaft	W	1306 5925	arm, included in BF
G	1328 6562	arm	X	1328 6372	bracket, included in Y
	1502 2577	arm for style F1423	Y	1300 8545	trip shaft, includes U, BG, all series F25 thru F500, F6000 after serial F17842P. Use 1300 8545, 1303 4558 brace before serial F17843P
H	1255 7997	setscrew		1300 8503	trip shaft, includes U, BG, for series F5000, except styles F5212, F5213, F5510
I	1328 7560	spring, included in AS		1328 4351	trip shaft, includes U, BG, for styles F5212, F5213, F5510
J	1300 8701	trip arm, included in AS, for series F5000 before serial F144369P. Use 1502 0258 trip arm after serial F144368P		1328 4302	trip shaft, includes U, X, BG, for series F1000
K	1300 8719	trip arm, included in AS, for series F5000 before serial F144369P. Use 1502 0258 after serial F144368P	Z	1334 9568	bellcrank, included in BF, for all styles with register selection from keyboard column "0", except series F200, F400, F1200, F1400, F6200, F6400
L	1027 7523	spring		1343 4139	bellcrank for series F200, F400, F1200, F1400, F6200, F6400 with register selection from keyboard column "0"
M	1502 0282	trip arm, included in AS, for series F6000, after serial F144368P with rotary dial calendar feature	AA	1255 3392	clip
	1300 8693	trip arm, included in AS, for series F100 thru F500 and all F6000 with rotary dial calendar feature before serial F144369P; also for styles F511, F512 with crossfooter "A" non-clear lock	AB	-- --	riveted post, included in AC
N	1014 6272	spring, use 1026 6351 spring anchor		1301 0350	eccentric screw post, use 1010 0444 nut
O	1011 9972	replacement pin	AC	1300 8859	toggle for all series except machines with interlock on carriage directional control keys
P	1010 0360	nut, use 1026 0651 screw, 1256 7434 lockwasher, 1035 1716 eccentric		1300 8867	toggle for machines with interlock on carriage directional control keys
*Q	-- --	Restoring Shafts	AD	1340 2979	screw after serial F30483P, use 1010 0360 nut. Use 1340 2979, 1010 0360 nut, 1329 3790 arm, 1342 9816 spring stud before serial F30484P
	1329 3279	for series F25 thru F500, F6000 except styles F212, F214, F402, F404, F6212, F6214, F6404, machines with automatic count, or interlock on carriage directional control keys	AE	1342 9816	spring stud after serial F30483P, use 1010 0444 nut, 1256 7707 lockwasher. Use 1342 9816, 1010 0444 nut, 1329 3790 arm, 1340 2979 screw before serial F30484P
	1329 3287	for series F25 thru F500, F6000 with automatic count and for styles F212, F214, F402, F6212, F6214, except styles F212, F214, F6212, F6214 with interlock on carriage directional control keys	AF	1343 0822	spring assembly, includes 1028 7209 spring, 1026 6351 spring anchor for series F25 thru F500
	1329 3295	for styles F404, F6404		1340 9263	spring for series F1000, F6000
	1329 3303	for series F1000, except style F1404, and machines with automatic count		1027 6954	spring for series F5000
	1329 3261	for style F1404	AG	1303 9391	arm, included in Q, for all styles after serial F49017P except machines with interlock on carriage directional control keys. Use 1329 3279 restoring shaft, 1340 2250 screw, 1255 3111 clip for all series before serial F49018P, except styles F212, F214, F402, F6212, F6214 and machines with automatic count. Use 1329 3287 restoring shaft, 1340 2250 screw, 1255 3111 clip for styles F212, F214, F402, F6212, F6214 before serial F49018P and machines with automatic count
	1329 3337	for series F1000 with automatic count		1326 5426	guide
	1329 3329	for series F5000		1525 2950	spring post for styles F1301, F1303, F1458, F1501, F1503, F1706, F1707 after serial F187211P
R	1502 0258	trip arm, included in AS, for series F50, F5000 after serial F144368P and F6000 without rotary dial calendar feature			
	1300 8669	trip arm, included in AS, for series F25 thru F500, F700, F6000 before serial F144369P except machines with automatic count, rotary dial calendar feature, or crossfooter "A" non-clear lock			
	1300 8685	trip arm, included in AS, for series F25 thru F500, F6000 before serial F144369P with crossfooter "A" non-clear lock except styles F511, F512; also for machines with automatic count			
	1328 4765	trip arm, included in AS, for series F1000 except style F1423			
	1502 2551	trip arm, included in AS, for style F1423			

PART NUMBERS CONTINUED ON NEXT PAGE

Side Frames

PART NUMBERS (PLATE VIII-29) CONTINUED - Page 2

	1339 1073	spring post for series F5000, F6000; also for series F1000 before serial F187212P and after serial F105140P, use 1010 0386 nut		1502 6990	includes O, R and 1255 3160 clip for style F1423 after serial F159723P. Use 1502 6990, 1044 1657 collar, 1502 6941 clip spacer, 1502 6958 clip spacer, 1509 3255 release arm, 1342 7661 set collar before serial F159724P
	1342 0104	spring post for series F1000 before serial F105141P			<u>Series F5000</u>
	1304 1868	spring post for series F25 thru F500, F700, use 1010 0386 nut		1502 0316	includes O, R and 1342 7661 set collar (2), for all styles after serial F144368P
AJ	1301 9674	spring		1300 8479	includes E, I, J, K, O, for all styles before serial F144369P
AK	1329 3147	restoring shaft assembly for series F25 thru F500, includes 1017 0942 pins. Use 1329 3147, 1324 7986 switch actuator for machines having crossfooter "A" non-clear lock, enforced use of keys, or extended overdrift			<u>Series F6000</u>
	1329 3212	restoring shaft assembly for series F5000, F6000. Use 1329 3212, 1324 7986 switch actuator for machines having crossfooter "A" non-clear lock, enforced use of keys, or extended overdrift. Also for series F1000 after serial F137297P, use 1329 3212, 1324 7986 switch actuator before serial F137298P and after serial F99208P		1502 0241	includes O, R and 1342 7661 set collar (2), for all styles after serial F144368P except machines with rotary dial calendar feature or crossfooter "A" non-clear lock
	1329 3162	restoring shaft assembly for series F1000 before serial F99209P, includes 1017 0942 pins		1300 8446	includes E, O, R, for all styles before serial F144369P except machines having automatic count, rotary dial calendar feature or crossfooter "A" non-clear lock
AL	1301 2570	washer, included in Q		1502 0274	includes O, M and 1342 7661 set collar (2), for all styles after serial F144368P with rotary dial calendar feature
AM	1342 8271	nut		1300 8461	includes E, O, M, for all styles before serial F144369P with rotary dial calendar feature, except F6510 with crossfooter "A" non-clear lock
AN	1304 2718	shaft after serial F26086P. Use 1304 2676, 1342 8271 nut before serial F26087P		1502 0381	includes E, O, R and 1342 7661 set collar (2), for all styles after serial F144368P with crossfooter "A" non-clear lock, except F6510
AO	1029 3389	replacement pin, used on right end of shaft Q		1328 4179	includes E, O, R, for all styles before serial F144369P with crossfooter "A" non-clear lock except F6510
AP	1010 0360	nut		1502 0415	includes E, O, M and 1342 7661 set collar (2), for style F6510 after serial F144368P with crossfooter "A" non-clear lock
AQ	1324 7952	plate		1328 4237	includes E, O, M, for style F6510 before serial F144369P with crossfooter "A" non-clear lock
	1324 7960	plate, has riveted stud		1300 8453	includes E, O, R, for machines having automatic count before serial F144369P
	1324 7986	plate, has lower extension	AT	1010 0360	nut
AR	1304 2544	shaft (1 19/64" long), use 1010 0378 nut	AU	1027 6780	spring
	1304 2551	shaft (2 11/32" long) after serial B200993	AV	1017 2773	screw, use 1028 9478 eccentric bushing, 1010 0469 nut
AS	-- --	Latching Shaft Assemblies	AW	1308 0890	arm
		<u>Series F25 thru F500, F700</u>	AX	1307 9082	shaft, use 1010 5930 screw, 1010 4354 washer
	1300 8446	includes E, O, R, for all styles except F50 after serial F144368P and machines having automatic count, rotary dial calendar feature or crossfooter "A" non-clear lock	AY	1303 1836	setscrew
	1502 0241	includes O, R, 1342 7661 set collar (2) for series F50 after serial F144368P	AZ	1308 0668	brace
	1300 8453	includes E, O, R, for machines with automatic count	BA	1307 9165	shaft, for register selection from character keys in column 10
	1300 8461	includes E, O, M, for machines having rotary dial calendar feature	BB	1255 7617	setscrew
	1328 4179	includes E, O, R, for machines having crossfooter "A" non-clear lock, except styles F511, F512, use 1026 9371 spring (2)	BC	-- --	Shaft Assemblies
	1328 4237	includes E, O, M, for styles F511, F512 with crossfooter "A" non-clear lock, use 1026 9371 spring (2)		1304 5083	for styles F301, F302, F303, F501, F502, F503, F6301, F6303, F6501, F6503 WITH-OUT register selection and/or indication of a higher numbered register from keyboard column "0", also used on series F5300, F5500
		<u>Series F1000</u>		1334 6473	for above styles and series WITH register selection carriage controlled to prevent selection and/or indication of a higher
	1502 6974	includes E, O, R, for all styles except F1423 after serial F159723P. Use 1502 6974, 1044 1657 collar, 1502 6941 clip spacer, 1502 6958 clip spacer, 1509 3263 release arm, 1342 7661 set collar before serial F159724P			

PART NUMBERS CONTINUED ON NEXT PAGE

Side Frames

PART NUMBERS (PLATE VIII-29) CONTINUED - Page 3

		numbered register from keyboard column "0"			
	1304 5091	for styles F305, F505, F6305, F6505		1334 9295	includes O, P, W, BI, BK, BO for style F1404; also for styles F1306, F1506 and series F1100, F1200, F1400 having automatic count, with or without minus balance lock
	1334 6515	for styles F404, F1404, F6404		1334 9279	includes O, P, W, BO for series F1000 WITHOUT register selection from keyboard column "0", having minus balance lock
	1334 6499	for styles F1301, F1302, F1303, F1501, F1502, F1503 WITHOUT register selection carriage controlled to prevent selection and/or indication of a higher numbered register from keyboard column "0"		1334 9287	includes O, P, W, Z, BO for series F1000 WITH register selection from keyboard column "0", having minus balance lock
	1334 6531	for above styles WITH register selection carriage controlled to prevent selection and/or indication of a higher numbered register from keyboard column "0"		1502 2643	for style F1423
BD	1304 9739	shaft for series F25, F50, F100, F200, F400, F6100, F6200, F6400			<u>Series F5000</u>
	1304 9747	shaft for series F300, F500, F6300, F6500		1334 9345	for styles F5212, F5213 after serial F135294P, includes 1026 0651 screw, 1035 1716 eccentric, 1256 7434 lockwasher, 1010 0360 nut on left pinned arm
	1335 0434	shaft for series F1000		1304 9689	for styles F5212, F5213 before serial F135295P
	1334 9451	shaft for series F5100, F5200, F5400		1334 9360	for styles F5301, F5303, F5501, F5503, F5510, after serial F135294P
	1334 9469	shaft for series F5300, F5500		1304 9697	for above styles before serial F135295P
BE	1326 2209	brace		1304 9705	for styles F5101, F5103, F5201, F5203, F5204, F5211, F5250, F5401, F5403, F5706, F5707
BF	-- --	Shaft Assemblies F25 thru F500			<u>Series F6000</u>
	1304 9598	includes O, P, W, BO for F25 thru F500, except styles F212, F404 with characters indexed by keys in column "0", minus balance lock, or automatic count		1304 9598	for series F6000, except for styles and features listed below
	1304 9648	includes O, P, W, BI, BK, BO for style F212 and for machines with characters indexed by keys in column "0" having automatic count, with or without minus balance lock		1334 9311	for styles F6212, F6213, F6221, F6223, F6423
	1304 9671	includes O, P, W, BI, BK, BO for style F404		1334 9329	for style F6510 and for machines with advancing months and years
	1304 9630	includes O, P, W, BO for styles with characters indexed by keys in column "0", with or without minus balance lock		1304 9671	for style F6404
	1304 9606	includes O, P, W, BO for series F50 thru F500 having minus balance lock only, except styles with characters indexed by keys in column "0"		1304 9630	for styles F6211, F6262, F6282, F6284
	1304 9614	includes O, P, W, BI, BK, BO for series F50 thru F500 having automatic count only, except styles F306, F506		1304 9622	for style F6761 and machines with automatic count and minus balance lock except styles ending in '06, '07
	1304 9622	includes O, P, W, Z, BI, BK, BO for series F50 thru F500 having automatic count and minus balance lock, except styles F306, F506	BG	1334 9261	for styles ending in '06, '07 with automatic count
	1334 9261	includes O, P, W, BI, BK, BO for styles F306, F506 having automatic count, with or without minus balance lock	BH	1304 9614	for machines with automatic count only
		<u>Series F1000</u>	BI	1304 9606	for styles F6209, F6281 and machines having minus balance lock
	1334 9246	includes O, P, W, BO for series F1000, except styles F1211, F1302, F1502, F1404, with characters indexed by keys in column "0", automatic count, with or without minus balance lock	BJ		replacement pin
	1334 9253	includes O, P, W, BO for style F1211 and machines with characters indexed by keys in column "0", with or without minus balance lock	BK	1029 3389	spring
	1334 9238	includes O, P, W, Z, BI, BK, BO for styles F1302, F1502; also for series F1300, F1500 having automatic count, with or without minus balance lock, except styles F1306, F1506	BL	1305 3061	arm, included in BF
				1308 0908	arm
				1342 7703	collar, includes 1303 1836 setscrew, included in BF
				1306 5826	link
				1306 5834	link, has riveted stud
				1335 0236	link for machines with register selection carriage controlled to prevent selection and/or indication of a higher numbered register from keyboard column "0"
			BM	1342 8255	nut, for series F25 thru F500, F5000, F6000
				1307 6120	nut for series F1000
			BN	1509 3263	clutch dog release arm for series F1000, except style F1423 after serial F159723P, use clip spacers 1502 6941 and 1502 6958. Use 1044 1657 collar, 1502 6941, 1502 6958 clip spacers, 1502 6974 shaft assembly, 1509 3263 release arm, 1342 7661 set collar before serial F159724P and after serial F144368P

PART NUMBERS CONTINUED ON NEXT PAGE

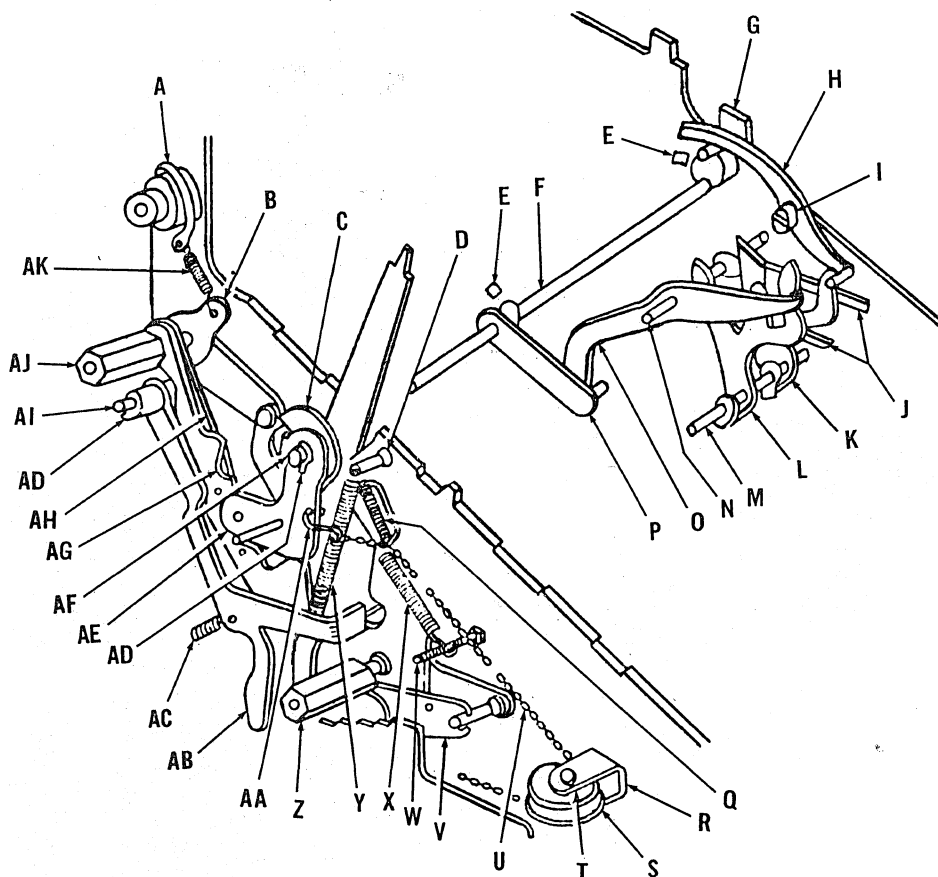
Side Frames

PART NUMBERS (PLATE VIII-29) CONTINUED - Page 4

1509 3255	clutch dog release arm for style F1423 after serial F159723P, use clip spacers 1502 6941, 1502 6958. Use 1044 1657 collar, 1502 6941, 1502 6958 clip spacers, 1502 6990 shaft assembly, 1509 3255 release arm, 1342 7661 set collar before serial F159724P	BP 1306 7582	screw for series F25 thru F500, F5000, F6000
1328 6364	clutch dog release arm for series F1000 before serial F144369P	1335 0095	screw for series F1000
BO -- --	included in BF	BQ 1010 0659	pin, included in Q, use in all positions except extreme right. Use 1029 3389 in extreme right position

*NOTE: When replacing a lock strip restoring shaft before serial F110157P, also use 1340 2250 eccentric stud, 1255 3111 clip. These shafts include AG, AL, AO, BQ.

✓ B NON-ADD AND C NON-ADD CONTROLLED BY TELLER LEVER (PLATE VIII-30)



✓ PART NUMBERS (PLATE VIII-30)

A 1328 1308	spring anchor	P 1209 1989	crank	Y 1027 6780	spring
B 1209 1807	arm	Q 1027 2821	spring	Z 1339 1297	post
C 1209 1724	lever	R 1203 3668	front bracket, use 1303 1745 screw (2) 1010 0378 nut (2)	AA 1209 2078	chain anchor
D 1340 0239	post		1204 8336 rear bracket	AB 1209 1757	latching arm
E 1255 7617	screw	S 1203 4914	pulley	AC 1015 2262	spring
F 1209 2029	shaft	T 1204 3576	pin, use 1255 3103 clip	AD 1010 0220	clip
G 1209 2003	crank	U 1209 2060	chain	AE 1209 1815	teller lever
H 1209 1955	bellcrank	V 1209 1765	arm	AF 1342 8651	shoulder post
I 1209 1971	shoulder screw	W 1325 8074	screw	AG 1209 1799	latching segment
J 1303 5365	bellcrank	X 1018 0628	spring	AH 1209 1807	arm
K 1209 2011	bellcrank			AI 1209 1831	shoulder post
L 1303 8195	bellcrank			AJ 1209 1849	shoulder post
M 1325 4123	post			AK 1044 2622	spring
N 1304 1108	post				
O 1209 1922	bellcrank				

BASIC SERIES F

ACCOUNTING MACHINES

Includes

F25—F500,F700,F1000,F5000,F6000

SECTION

IX

Burroughs

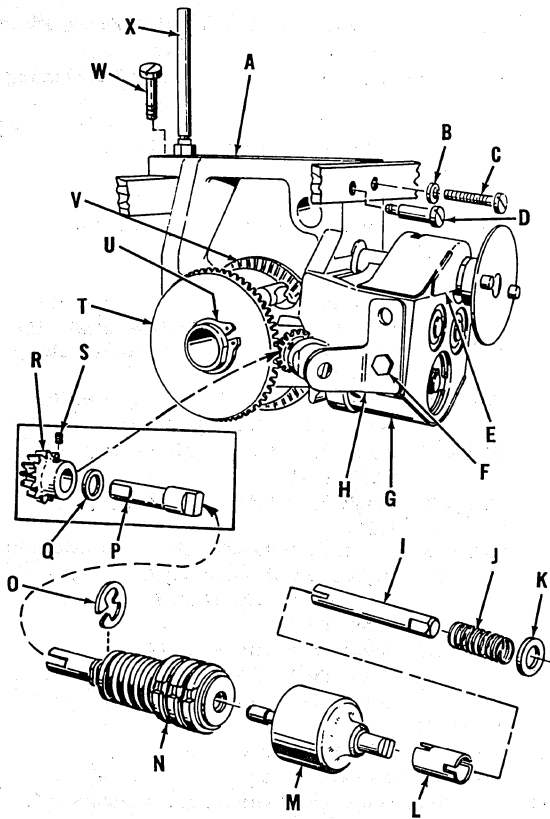
FIELD ENGINEERING

PARTS CATALOG

POWER

Power

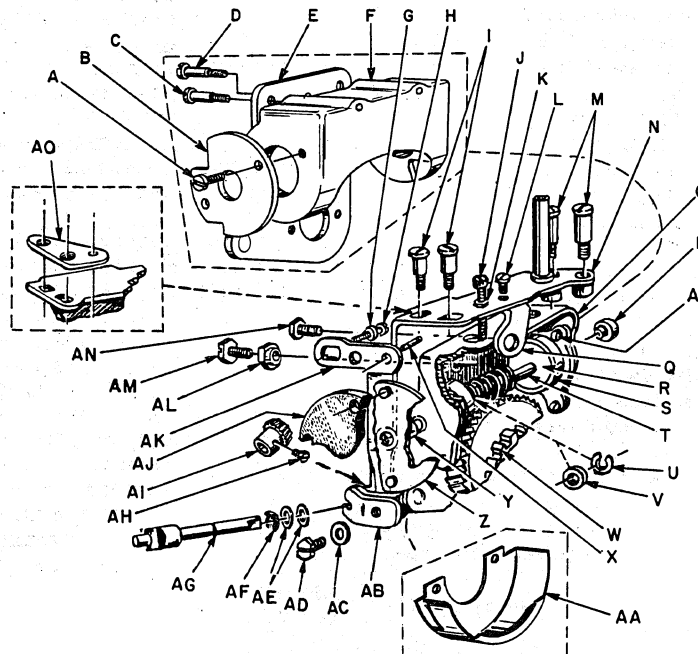
CAMSHAFT GEAR DRIVE ASSEMBLY AND EASY REMOVAL FRICTION CLUTCH (PLATE IX-1)



PART NUMBERS (PLATE IX-1)

✓ A	1503 7567	complete gear drive assembly after serial F185677P, includes all parts shown except B, C, D, I, J, K thru O, W. Before serial F185678P use A, I thru L, N
	1208 1634	complete gear drive assembly with serial numbers ending in S
B	1256 7459	lockwasher
C	1256 1155	screw
D	1340 5725	shoulder screw
E	1502 1314	dust cover (top) use 1027 6863 spring (2)
F	1321 6841	screw, use 1256 7442 lockwasher
G	1502 1322	dust cover (bottom)
H	1503 7484	bracket, after serial F185677P. Before serial F185678P see letter N
I	1503 7427	shaft
J	1025 9596	spring
K	1510 8004	spacer
L	1503 7476	sleeve
M	1503 7443	clutch housing, included in N
N	1503 7500	clutch assembly after serial F185677P, includes M, O. Before serial F185678P use H, I, J, K, L, N, P
O	1255 3194	clip, included in N
P	1503 7492	shaft, after serial F185677P. Before serial F185678P see letter N
Q	1502 1348	thrust bearing
R	1502 1363	bevel gear
S	1255 7807	setscrew
✓ T	1502 1066	bevel gear
✓ U	1256 9299	clip
✓ V	1502 1108	spline gear, use 1502 1256 bevel gear
✓ W	1028 7167	screw
✓ X	1502 1280	post

WORM GEAR ASSEMBLY (PLATE IX-2)



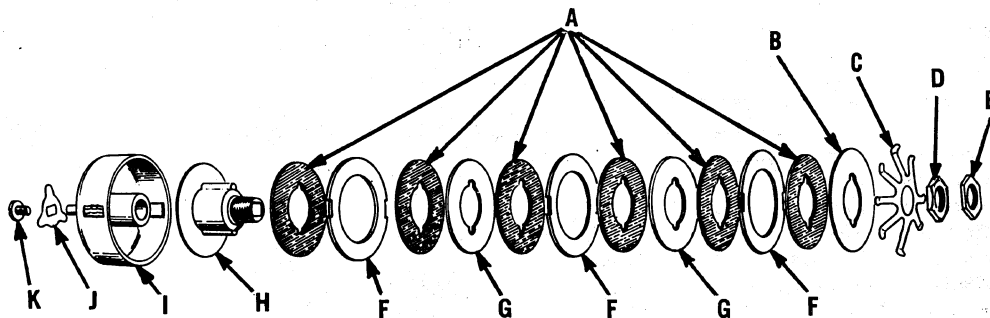
PART NUMBERS ON NEXT PAGE

Power

PART NUMBERS (PLATE IX-2)

1502 3302	complete worm gear assembly for series F25 thru F500, F700, F6000, includes A, J, K, L, N, O, Q, R, S, T, U, V, W, Y, Z, AL, AM, AN	U	1010 0089	clip
1502 5760	complete worm gear assembly for series F5000, includes A thru F, L, N, Q, R, T, W, Y, Z, AA, AL, AM, AN	V	1337 9417	collar
A	1010 8991	W	1502 2775	spline gear with eight teeth for series F25 thru F500, F6000 after serial F64027P
B	1328 6992		1300 9790	spline gear for series F25 thru F500, F700, before serial F64028P
C	1340 5584		1502 8475	spline gear with eight teeth for series F5000
D	1340 3415		1510 4342	spline gear with eight teeth for series F1000, use 1337 9433 collar, 1255 7807 screw
E	1328 7008	X	1340 0221	screw
F	1328 4781	Y	1011 9972	replacement pin
G	1014 5357	Z	-- --	included in T
H	1010 8439	AA	1502 6800	grease retainer
I	1304 0787	AB	1328 5242	brace
J	1028 8595	AC	1010 6011	washer
K	1010 0410	AD	1300 8065	screw, use 1010 4685 screw for machines without part AB
L	1010 9601	AE	1049 0811	washer
M	1301 0301	AF	1010 0220	clip
N	1503 8136	AG	1328 9525	shaft
	hanger assembly for series F25 thru F500, F700, F6000, after serial F64027P. Use 1503 8136, 1328 5978 screw, 1328 5994 bracket, 1010 9601 screw before serial F64028P	AH	1010 9643	screw
	1531 5724	AI	1503 8128	bevel gear, use with black matching gear only. See letter H (Plate IX-5)
O	1300 8735		1307 5080	bevel gear, use with early cadmium matching gear
P	1328 7685	AJ	1301 0467	leather coupler
Q	1328 5994	✓ AK	1326 6127	brace after serial F131191P, use 1340 4520 screw, 1256 7459 lockwasher
R	1301 0442		1300 8909	brace, before serial F131192P
	bearing, included in S, for series F25 thru F500, F700, F6000	AL	1047 8899	eccentric
	1337 9896	AM	1010 9825	screw
S	1300 9824	AN	1011 0146	screw
T	1300 8412	AO	1300 9295	brace
	worm shaft assembly for series F25 thru F500, F700, F6000, includes Y, Z			
	1502 8509			
	worm shaft assembly for series F5000			

FRICTION DRIVE CLUTCH (PLATE IX-3)

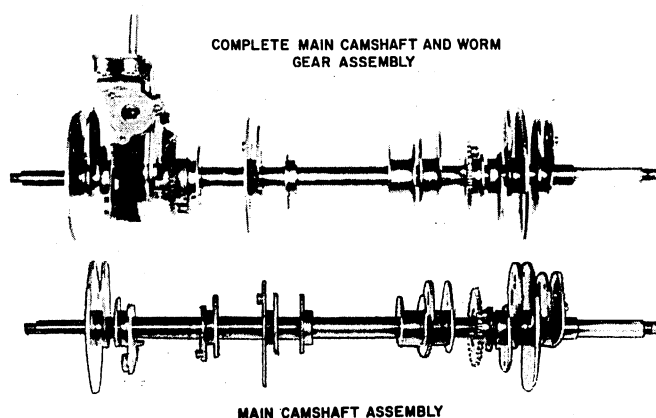


PART NUMBERS (PLATE IX-3)

1300 9873	complete clutch assembly for all series Installation on series F600 and Dual Printers require transfer of fan	E	1010 8603	lock nut
A	1328 7651	F	1300 9428	slip disk
B	1300 9444	G	1328 7669	steel spacer
C	1328 7677	H	1300 9857	clutch plate
D	1301 0046	I	1300 8800	clutch cover
	nut	J	1300 9436	retainer spring
		K	1048 7585	screw

Power

COMPLETE MAIN CAMSHAFT AND WORM GEAR ASSEMBLIES (PLATE IX-4)



PART NUMBERS (PLATE IX-4)

MACHINE STYLES	Main Camshaft and Worm Gear Assembly	Main Camshaft & Gear Drive Assembly after serial F185677P. Before serial F185678P see letter N (PLATE IX-1)	Main Camshaft
F25 thru F500, F700			
F50 after serial F144368P - - - - -	1502 3310		1502 1025
✓ F50 before serial F144369P - - - - -	1300 8347		1300 8370
F300, F500 before serial F23642P and for all series after			
✓ F23641P except styles F511, F512, F513 - - - - -	1300 8347		1300 8370
Use 1330 8347, 1328 4682 pointer, 1342 7166 spacer, 1342 8305 nut, 1255 0034 bearing 1300 9634 plate for series F100, F200, F400 before serial F23642P and after serial F15005P. Use 1300 8370 main camshaft			
F100, F200, F400 before serial F15006P - - - - -	1300 8339		1300 8321
F511, F512, F513 - - - - -	1328 3874		1328 3866
F1000			
F1000 all styles after serial F144368P	1502 3229		1502 2833
F1000 all styles before serial F144369P	1328 3908		1328 3890
F5000			
F5101, F5103, F5201, F5203, F5204, F5211, F5212, F5213,			
✓ F5250 - - - - -	(1502 1389, 1502 5760) 1503 7542		1502 1389
For above listed styles and styles F5401 and F5403 after serial F144368P - - - - -	1502 9176		1502 1389
For above listed styles and styles F5401 and F5403 before serial F144369P and after serial F135294P - - - - -	1328 4054		1328 4047
For above listed styles and styles F5401 and F5403 before serial F135295P - - - - -	1328 3965		1328 3957
F5301, F5303, F5401, F5403, F5501, F5503, F5510, F5706			
✓ & F5707 - - - - -	(1502 5760, 1502 1116) 1503 7534		1502 1116
For above listed styles except styles F5401 and F5403 after serial F144368P - - - - -	1502 9168		1502 1116
For above listed styles except styles F5401 and F5403 before serial F144369P and after serial F135294P - - - - -	1328 4096		1328 4088
For above listed styles except styles F5401 and F5403 before serial F135295P - - - - -	1328 4013		1328 4005

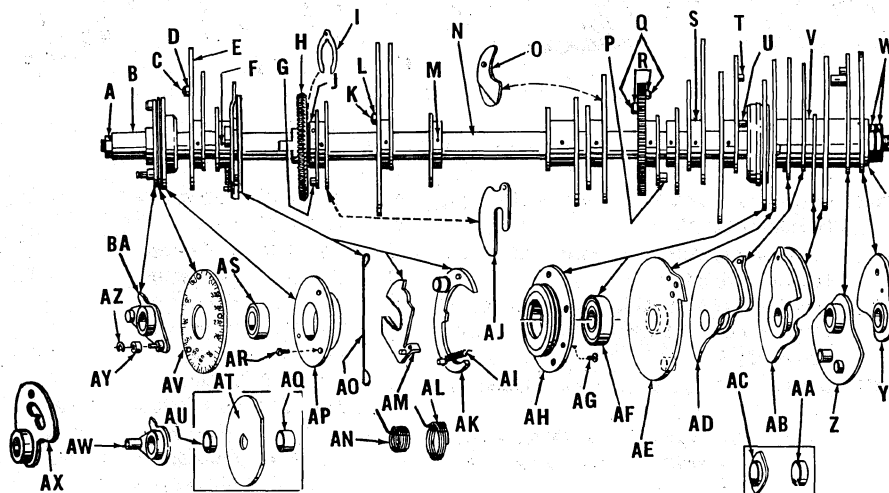
PART NUMBERS CONTINUED ON NEXT PAGE

Power

PART NUMBERS (PLATE IX-4) CONTINUED

MACHINE STYLES	Main Camshaft and Worm Gear Assembly	Main Camshaft & Gear Drive Assembly after serial F185677P. Before serial F185678P see letter N (PLATE IX-1)	Main Camshaft
F6000			
F6000 all styles except F6510 - - - - -		1503 7518	1502 1025
For above listed styles before serial F159904P and after serial F144368P - - - - -	1502 9143		1502 1025
✓ For above listed styles before serial F144369P - - - - -	1300 8347		1300 8370
F6510 - - - - -		1503 7526	1502 1397
F6510 before serial F159904P and after serial F144368P - - - - -	1502 9150		1502 1397
F6510 before serial F144369P - - - - -	1328 3874		1328 3866
✓ For machines with serial No. ending in S - - - - -		1208 1618	1502 1025

MAIN CAMSHAFT (PLATE IX-5)



PART NUMBERS (PLATE IX-5)

A	1342 8305	nut	M	1034 8803	.122"	} replacement pins
B	1342 7166	collar		1034 8811	.128"	
	1502 4250	recessed collar for F6000 with advancing months and years		1301 0210	.126"	
				1301 0228	.129"	
C	1301 0244	rivet stud, included in E	N	-- --	Refer to COMPLETE MAIN CAMSHAFT AND WORM GEAR ASSEMBLY	
D	1337 4087	roller, included in E	O	1328 6398	cam, use 1304 2775 screw, 1256 7715 lockwasher, 1010 0378 nut	
✓ E	1300 8818	cam for single printer, includes C, D, use 1301 0210 (.126) or 1301 0228 (.129) replacement pin	✓ P	1307 5270	roller, use 1212 2727 repair stud and 1256 5198 nut	
	1502 5984	left double cam for dual printers, includes C, D	Q	1301 0293	rivet stud	
F	1025 5388	pin	R	1010 6441	roller	
G	1010 4180	roller, use 1010 4230 rivet stud	S	1502 5976	double cam for single and dual printers	
✓ H	1503 8102	bevel gear (black) use with black matching gear, requires 1503 8136 hanger assembly for series F6000 or 1531 5724 hanger assembly, for series F5000	T	1010 4859	rivet stud	
			U	1010 7381	repair hex. nut, use 1010 7217 screw	
			V	1300 8875	spacer	
			W	1010 9940	nut, use 1506 8885 hex. post for twirler	
	1504 0777	repair gear	X	1301 0079	recessed spacer (.100") for all series, except style F5510 add 1337 6082 plain spacer (.1482"), and 1337 8476 plain spacer (.982")	
I	1337 6256	shim (.010")	Y	1328 5317	cam, use 1337 8690 spacer	
	1337 6264	(.015")		1328 5325	for carriage return or lane 3 tab, index when C.F. "A" is minus, use 1337 8690 spacer	
	1337 6272	(.020")				
J	1342 7745	spacer, all series except F1000				
	1337 9433	for F1000, use 1255 7807 screw				
K	1010 8298	rivet stud				
L	1301 0178	roller				

PART NUMBERS CONTINUED ON NEXT PAGE

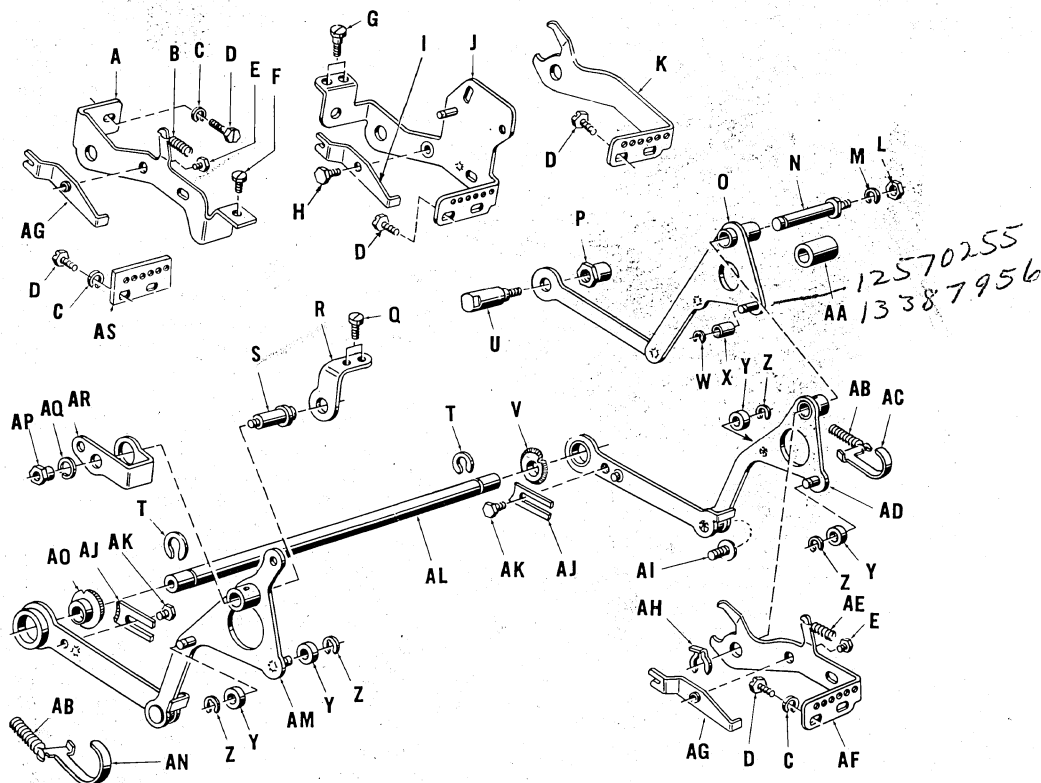
PART NUMBERS CONTINUED ON NEXT PAGE

Power

PART NUMBERS (PLATE IX-5) CONTINUED

Z	1328 5184	cam, use 1337 8682 spacer	AO	1341 0675	spring for all series F1000 and for series F50, F5000, F6000 after serial F144368P	
	1328 5192	three roll cam for carriage return or lane 3 tab, indexed when C.F. "A" is minus, use 1337-8682 spacer		1341 0667	for series F25 thru F500, F700, F5000, F6000 before serial F144369P	
AA	-- --	refer to REGISTER DESIGNATION AND NON-ADD CONTROLS FROM REGISTER SELECTION KEYS IN COLUMNS "0" AND "1"	AP	1328 5432	hub for left side frame of series F1000, F6000 and for auxiliary left side frame of series F5000, use 1340 5832 screws	
AB	1300 9154	cam		1328 5499	for left side frame of series F5000, use 1010 5708 screws	
AC	-- --	refer to REGISTER DESIGNATION AND NON-ADD CONTROLS FROM REGISTER SELECTION KEYS IN COLUMNS "0" AND "1"		1300 9659	for F25 thru F500, F700 after serial F23641P	
AD	1300 9188	cam		1300 9634	before serial F23642P	
AE	1300 8982	cam for all styles after serial F15005P and on series F300, F500 prior to serial F15006P	AQ	1337 4871	spacer on left end of main camshaft for machines with rotary dial indexed calendar feature	
AF	1301 0459	bearing	AR	1340 5832	screw	
AG	1300 6788	screw	AS	1255 0034	bearing after serial F23641P	
AH	1328 5440	eccentric hub for series F1000, F5000, F6000		1057 1578	before serial F23642P	
	1300 9642	for series F25 thru F500, F700	AT	1301 3214	cam on left end of main camshaft for machines with rotary dial indexed calendar feature	
AI	1343 0780	spring		AU	1337 6694	spacer on left end of main camshaft for machines with rotary dial indexed calendar feature
AJ	1300 9527	cam, use 1047 2694 screw, 1010 0360 nut		AV	1300 9550	indicator plate
AK	1502 0951	clutch dog for eight tooth spline gear after serial F144368P	AW	1328 4690	cam for 9 register construction and styles F214, F6214, except Dual Printers.	
	1328 4757	lock in construction before serial F144369P and after serial F67691P	AX	1328 5341	indicator cam for Dual Printers, use 1337 8955 spacer	
	1328 4740	before serial F67692P	AY	1017 2344	roller	
AL	1301 0426	indicator spring	AZ	1010 0154	clip	
AM	1502 0993	lock blank, for series F1000 after serial F144368P and series F5000, F6000 after serial F159903P	BA	1328 4682	cam for 4 register construction except styles F214, F6214 and Dual Printers	
	1502 3187	for series F50, F5000, F6000 before serial F159904P and after serial F144368P				
	1328 6968	for all styles before serial F144369P with lock in clutch dog				
AN	1301 0418	indicator spring				

Power

RACK BAR ACTUATING SHAFT AND DRIVE ARMS (F25 THRU F500 AND F5000)
(PLATE IX-6)

PART NUMBERS (PLATE IX-6)

A	1325 2937	bracket	V	1328 7750	eccentric locking bushing after serial F135493P. Use 1328 7750, 1328 4443 right drive arm assembly, 1328 7776 locking plate, 1340 5717 screw before serial F135494P
B	1027 6954	spring	W	1255 3129	clip after serial F135493P. Use 1010 0147 clip before serial F135494P
C	1256 7434	lockwasher	X	1337 8963	diameter .243"
D	1304 2775	screw		1337 8971	diameter .250"
E	1301 0251	screw		1337 8989	diameter .253"
F	1010 8991	screw		1337 8997	diameter .256"
G	1010 7928	screw	Y	1300 9675	diameter .363"
H	1343 0210	screw		1300 9683	diameter .367"
I	1326 1938	bracket		1300 9691	diameter .371"
J	1325 2911	bracket		1300 9709	diameter .375"
K	1303 9326	bracket, small hole		1300 9717	diameter .379"
L	1303 9334	bracket, large hole		1300 9725	diameter .383"
M	1010 0337	nut		1300 9733	diameter .387"
N	1256 7459	lockwasher		1300 9741	diameter .391"
O	1338 8822	post after serial B173219. Use 1338 8822 post, 1010 3851 screw, 1010 0402 nut before serial B173220	Z	1010 0147	clip
P	1300 9279	follower arm assembly after serial F135493P, used only on machines having register selection from column "0". Use 1300 9279, 1255 3129 clip and select 1337 8963, 1337 8971, 1337 8989 or 1337 8997 roll before serial F135494P	AA	1300 9915	collar, used where part 0 is omitted
Q	1301 0061	nut	AB	1343 0673	spring
R	1010 9601	screw	AC	1343 1317	spring anchor
S	1328 5994	support	AD	1328 4443	right follower and drive arm assembly after serial F135493P. Use 1328 4443, 1328 7750 eccentric locking bushing, 1328 7776 locking plate, 1340 5717 screw before serial F135494P
T	1502 0431	post, after serial F159903P			
U	1328 5978	post, before serial F159904P			
	1300 1458	clip			
	1300 8487	shaft			

rolls	A1
	A2
	A3
	A4
	A5
	A6
	A7
	A8

stamped

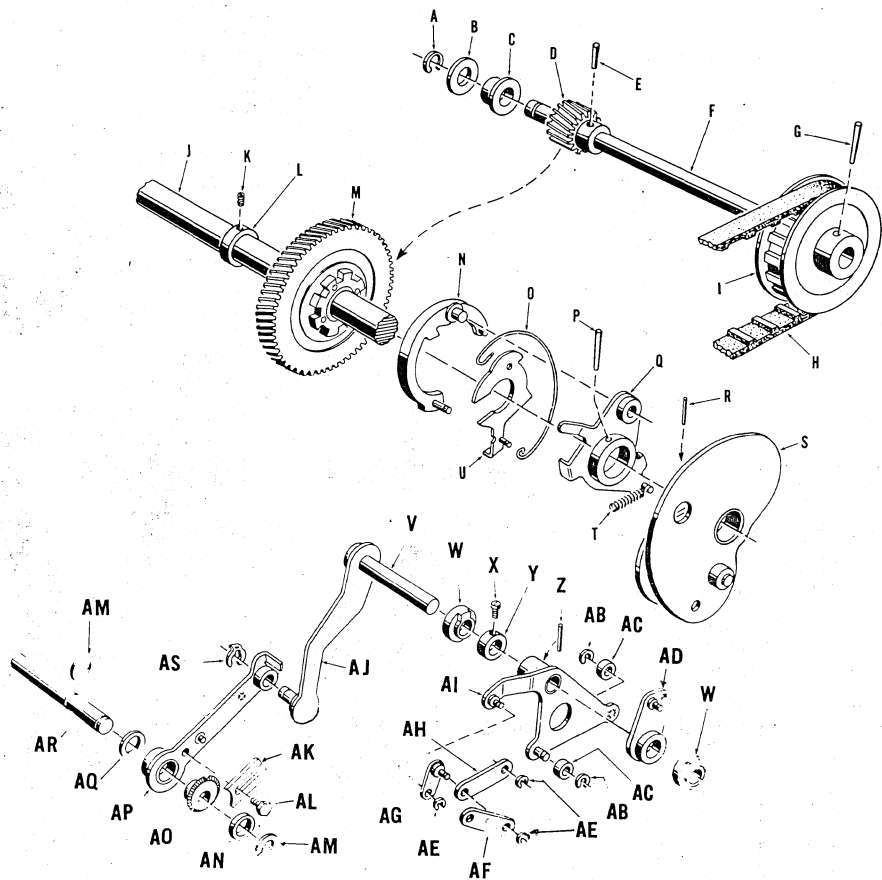
PART NUMBERS CONTINUED ON NEXT PAGE

Power

PART NUMBERS (PLATE IX-6) CONTINUED

AE	1340 9263	spring	1328 4427	left follower and drive arm between serial F159904P and serial F135493P.
AF	1325 2903	bracket	-- --	Before serial F135494P, use 1328 4427, 1328 7768 eccentric locking bushing, 1328 7776 locking plate, 1340 5717 screw.
AG	1326 1920	bracket	AN	1343 1309 spring anchor
AH	1010 0089	clip	AO	1328 7768 eccentric locking bushing after serial F135493P. Use 1328 7768, 1328 4427 left follower and drive arm, 1328 7776 locking plate, 1340 5717 screw before serial F135494P
AI	1028 9445	screw, used on drive arms before riveted joint	AP	1028 9403 nut
AJ	1328 7776	locking plate	AQ	1256 7483 lockwasher
AK	1340 5717	screw, after serial F135493P. Use 1301 0251 screw before serial F135494P	AR	1326 2142 repair kit assembly, includes AP, AQ
AL	1300 8388	actuating shaft, 9 51/64" long	AS	1325 2929 spring anchor
	1300 8396	actuating shaft, 10 27/64" long		
	1328 4112	actuating shaft, 10 1/32" long		
	1328 4120	actuating shaft, 10 21/32" long		
✓ AM	1328 4468	left follower and drive arm after serial F159903P.		

LEFT DRIVE ARM AND MAIN CAMSHAFT (F1000) (PLATE IX-7)



PART NUMBERS (PLATE IX-7)

A	1337 2370	clip	1010 0642	taper pin
B	1341 2812	washer	H	1338 5422 belt
C	1341 7266	bearing	I	-- -- included in F
D	-- --	included in F	J	-- -- Refer to COMPLETE MAIN CAMSHAFT AND WORM GEAR ASSEMBLIES
E	1010 0493	taper pin	K	1255 7807 setscrew
	1025 5263	grooved pin	L	1337 9433 collar
F	1328 6513	drive pulley assembly, includes D, E, H, I		
G	1341 8389	grooved pin		

PART NUMBERS CONTINUED ON NEXT PAGE

Power

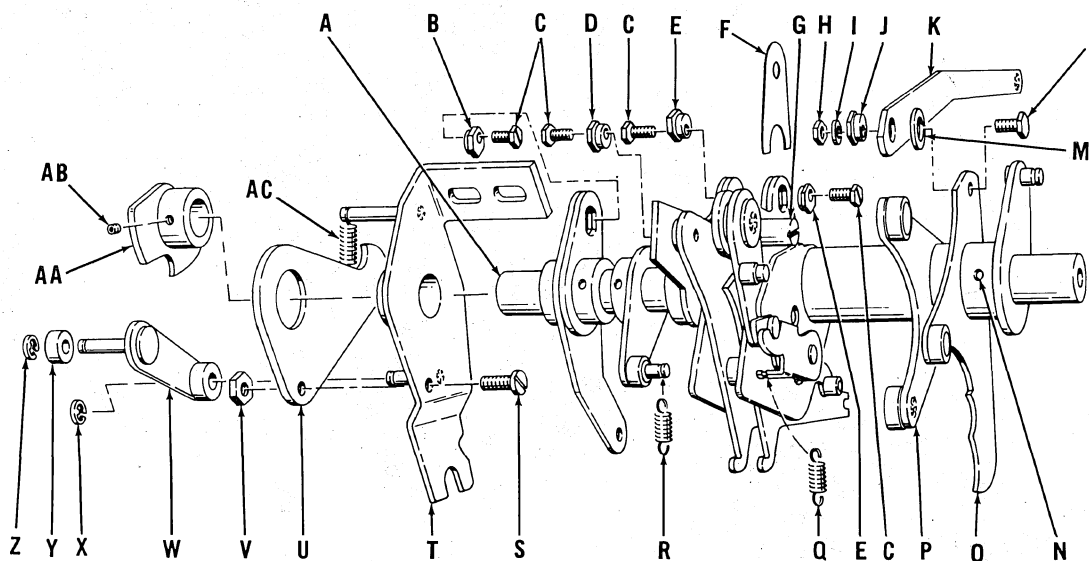
PART NUMBERS (PLATE IX-7) CONTINUED

M	1510 4342	drive gear, eight segments		1300 9725	.383"
N	1502 0951	clutch dog, after serial F144368P		1300 9733	.387"
	1328 4757	clutch dog, lock in construction		1300 9741	.391"
	1328 4740	clutch dog, before lock in construction	AD	1328 6307	ribbon spacing arm
O	1341 0675	spring	AE	1255 3129	clip
P	1025 5388	pin	AF	1341 7167	link
Q	-- --	included in J	AG	1328 6018	link
R	1010 0634	pin	AH	1341 7175	link
S	1300 8818	cam	AI	-- --	included in V
T	1343 0780	spring	AJ	-- --	included in V
U	1502 0993	lock blank after serial F144368P	AK	1328 7776	locking plate
	1328 6968	lock blank before serial F144369P	AL	1340 5717	screw after serial F135493P
V	1328 5952	follower arm after serial F135493P, includes W, X, Y, Z, AB, AC, AI, AJ		1301 0251	screw before serial F135494P
	1328 5937	follower arm before serial F135494P, includes W, X, Y, Z, AB, AC, AG, AI, AJ	AM	1300 1458	clip
			AN	1337 8773	spacer
			AO	1328 7768	eccentric locking bushing after serial F135493P
W	1328 6000	bearing		1300 0012	eccentric locking bushing before serial F135494P
X	1028 8850	screw			
Y	1028 9221	set collar			
Z	1338 8236	pin after serial F135493P	AP	1328 4583	drive arm after serial F135493P
	1256 8838	pin before serial F135494P		1328 4518	drive arm before serial F135494P
AB	1010 0147	clip	AQ	1337 1091	washer
AC	1202 9005	.359"	AR	1300 8388	9 51/64" long
	1300 9675	.363"		1300 8396	10 27/64" long
	1300 9683	.367"		1328 4112	10 1/32" long
	1300 9691	.371"		1328 4120	10 21/32" long
	1300 9709	.375"	AS	1010 0089	clip after serial F135493P
	1300 9717	.379"		1255 3152	clip before serial F135494P

rolls with diameter
listed stamped AO
thru AS

actuating shafts

POWER TRANSFER SHAFT (F1000) (PLATE IX-8)



PART NUMBERS (PLATE IX-8)

A	1503 0885	complete assembled power transfer shaft, includes B thru G and Q	✓ G	1341 7209	eccentric screw, use 1341 2390 nut, 1256 7442 lockwasher
✓ B	1017 1635	eccentric, use 1010 8579 washer	H	1010 0360	nut
C	1340 4710	screw	I	1256 7442	lockwasher
✓ D	1340 2052	eccentric, use 1010 8579 washer	J	1338 7311	eccentric
E	1341 6714	eccentric	K	1511 2162	link, use 1255 3129 clip
F	1328 6315	shim .003"	L	1503 0877	screw
	1328 6323	shim .004"			

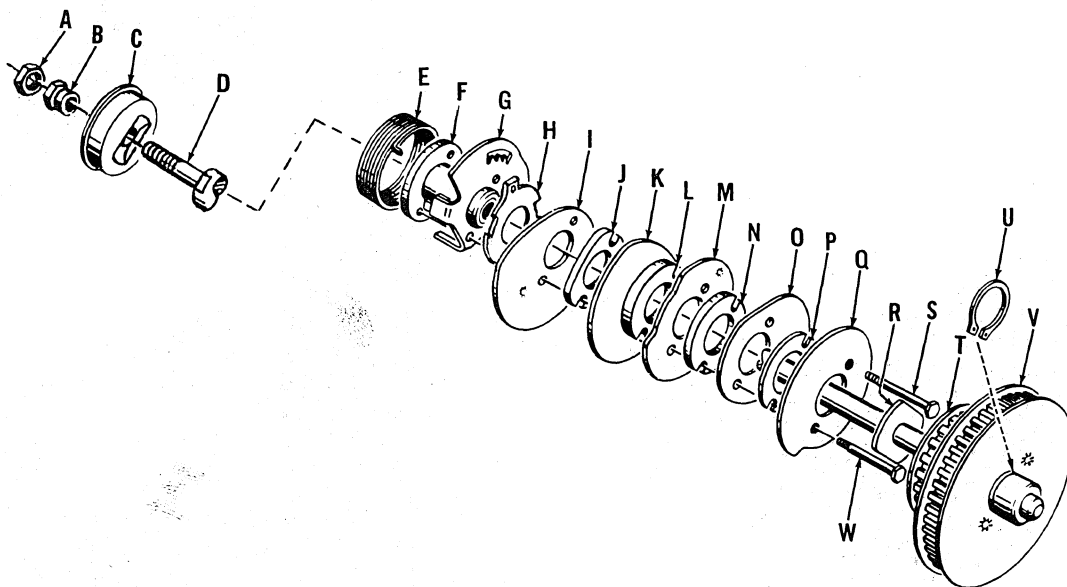
PART NUMBERS CONTINUED ON NEXT PAGE

Power

PART NUMBERS (PLATE IX-8) CONTINUED

M	1010 9726	washer	V	1010 0386	nut
N	1010 0501	pin	W	1502 3138	bellcrank
O	1503 1024	arm	X	1255 3145	clip
P	1328 6273	cam	Y	1337 5357	roll
Q	1027 3399	spring	Z	1255 3129	clip
R	1026 9801	spring	AA	1502 3120	cam
S	1303 1364	screw	AB	1255 8078	setscrew
T	1502 3088	bracket, use 1028 7993 screw	AC	1340 8968	spring
U	1502 3161	support			

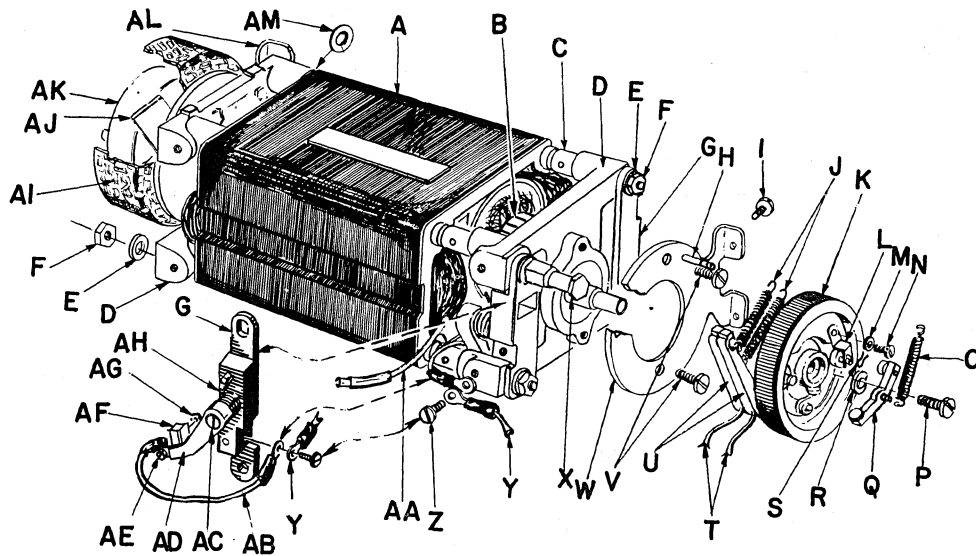
TYPEWRITER CAMSHAFT (PLATE IX-9)



PART NUMBERS (PLATE IX-9)

	1336 7784	cam cluster assembly, includes E thru P, R, V	J	1336 7859	spacer
A	1311 5696	nut	K	1336 7883	cam
B	1502 5091	nut	L	1336 7826	spacer
C	1502 5125	clutch disk	M	1336 7891	cam
D	1502 5117	threaded drive shaft after serial F147818P, includes T. Use 1502 5117 drive shaft, 1502 5125 clutch disk, 1502 5091 nut, 1502 5083 bearing housing, 1311 5696 nut, 1344 5630 bearing, 1010 4693 screw (3), 1256 7715 lockwasher (3), 1010 0360 nut (3) before serial F147819P	N	1336 7834	spacer
E	1341 0493	clutch spring	O	1336 7909	cam
F	1336 7800	arbor	P	1336 7842	spacer
G	1336 7974	cam	Q	1336 7917	cam
H	1336 7867	spacer	R	1341 7803	spacer
I	1336 7875	cam	S	1341 8264	small screw
			T	-- --	included in D, use 1010 0519 pin
			U	1256 9299	clip
			V	1338 6909	pulley (47 tooth) after serial F134907P. Use 1341 8413 repair pulley, before serial F134908P, includes 1256 2534 screw
			W	1341 8256	large screw

TYPE 4 AND 4A MOTOR (PLATE IX-10)



PART NUMBERS (PLATE IX-10)

NOTE: Motors listed below include parts A thru AH, AM (except D) with or without clutch unit as noted; also, component mounting plate, switch, condenser, resistor, fuse, fuse holder, etc. Where replacing a motor having a "Burroughs" switch and non-detachable line cord, use 1343 0657 (2 wire) or 1028 2226 (3 wire) line cord, 1300 9485 switch bail, 1300 6341 fuse

WITHOUT CLUTCH UNIT

1502 2965	110 volts type 4 for series F5000, F6000, after serial F159903P	
1300 6804	110 volts	type 4 for series F25 thru F500, F700, and F6000 before serial F159904P
1300 6812	150 volts	
1300 6820	220 volts	
1300 6838	250 volts	
1331 6286	115 volts type 4A for series F5000 before serial F159904P	
1502 4904	150 volts	type 4 for series F5000, F6000 after serial F159903P
1502 4920	220 volts	
1502 4946	250 volts	
1502 5174	150 volts	type 4 with Radio Interference Suppression for series F6000 after serial F159903P
1502 5182	220 volts	
1502 5190	volts	

WITH CLUTCH UNIT

1344 4336	150 volts	type 4A for series F5000 before serial F159904P
1344 4344	220 volts	
1344 4351	240 volts	
1662 1716	150 volts type 4 with Radio Interference Suppression for series F25 thru F500, F700 and F6000 before serial F159904P	
A 1300 6424	120 volts	stator only includes AA, for series F25 thru F500, F700, F6000. Also for series F5000 after serial F159903P
1300 6432	150 volts	
1300 6440	200 volts	
1300 6457	250 volts	
1300 6465	120 volts	stator only for series F5000 before serial F159904P
1300 6473	150 volts	
1300 6481	220 volts	
1300 6499	250 volts	
1300 6507	120 volts	

1300 6515	150 volts	stator only series F6000 with Radio Interference Suppression
1300 6523	220 volts	
1300 6531	250 volts	
B 1300 6200	120 volts	armature shaft assembly for series F25 thru F500, F700, F6000 includes 1026 9033 bearings. Also for F5000 after serial F159903P
1300 6218	150 volts	
1300 6226	220 volts	
1300 6234	250 volts	
1300 6242	120 volts	armature shaft assembly for series F5000 before serial F159904P, includes 1026 9033 bearings
1300 6259	150 volts	
1300 6267	220 volts	
1300 6275	250 volts	
C 1300 6283	tie shaft for series F25 thru F500, F700, F6000. Also for F5000 after serial F159903P.	
1331 6047	tie shaft for series F5000 before serial F159904P	
D 1300 6796	end plate	
E 1010 4966	washer	
F 1010 0402	nut	
G 1300 7174	mounting plate	
1300 7182	brush holder assembly, includes Z, AB, thru AH	
H 1300 6747	spring anchor, included in W	
I 1010 3851	screw	
J 1013 3346	spring	
K 1505 3846	governor assembly for series F25 thru F500, F700, F6000. Also for F5000 after serial F159903P	governor includes L, M, N, O, Q, S
1505 3853	governor for series F5000 before serial F159904P	
L 1028 8520	retainer	
M 1010 9403	washer	
N 1256 0116	screw	
O 1028 7894	for series F25 thru F500, F700, F6000. Also for series F5000 after serial F159903P	governor spring
1340 9305	for series F5000 before serial F159904P	

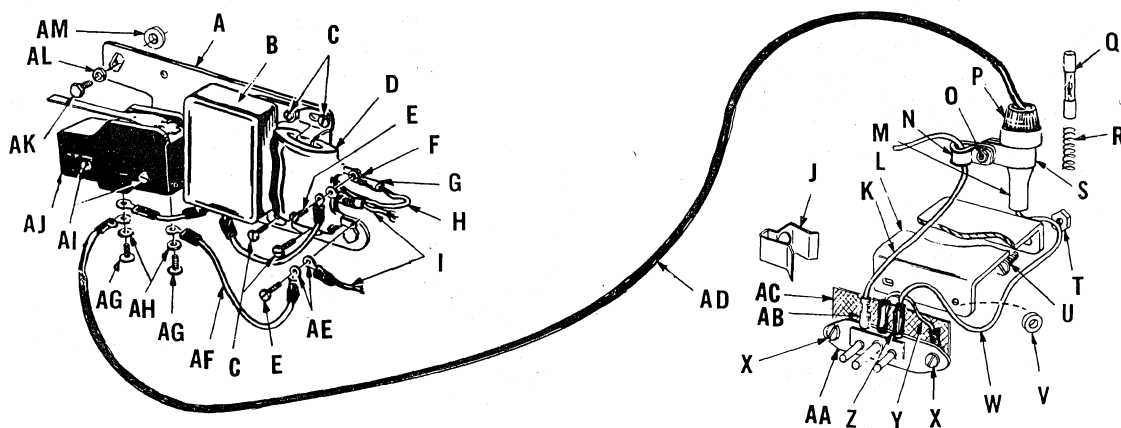
PART NUMBERS CONTINUED ON NEXT PAGE

Power

PART NUMBERS (PLATE IX-10) CONTINUED

P	1010 9064	screw	AB	1300 6903	wire	included in G
Q	1505 3879	contact point	AC	1010 5377	screw	
R	1256 7442	lockwasher	AD	1300 6887	holder	
S	1026 7078	clip	AE	1340 5857	screw	
T	1300 7117	brush and wire assembly	AF	1300 7166	brush	
U	1300 7042	brush holder only	AG	1300 6721	nut	included in G
V	1044 2606	screw for front and rear motor brackets	AH	1300 7000	spring	
W	1502 1421	rear bracket for series F5000, F6000 after serial F159903P	AI	1331 6195	fan guard, use 1044 2606 screws	
	1331 6682	rear bracket, includes H for series F25 thru F500, F700 and for series F5000, F6000 before serial F159904P. Use 1331 6682 bracket, 1028 8793 screw (2), 1048 2487 screw (2) when replacing bracket having rubber insert	AJ	1331 6179	fan	
X	1300 6739	stud	AK	1300 9873	clutch assembly, does not include AJ	
Y	1331 6658	wire for series F5000, F6000 after serial F159903P	AL	1502 1413	front bracket for series F5000, F6000, after serial F159903P	
	1331 6641	wire for series F25 thru F500, F700 and F5000, F6000 before serial F159904P		1331 6674	front bracket for series F25 thru F500, F700 and series F5000, F6000 before serial F159904P. Use 1331 6674 bracket, 1028 8793 screw (2), 1048 2487 screw (2), when replacing bracket having rubber insert	
Z	1018 0248	screw	AM	1044 1657	collar for series F25 thru F500, F700, F6000 and series F5000 after serial F159903P	
AA	1331 6443	wire, included in A, use 1026 7110 ring connector, 1027 1625 sleeving		1028 9494	collar for series F5000 before serial F159904P	

TYPE 4 AND 4A MOTOR COMPONENTS AND CORD RECEPTACLE (PLATE IX-11)



PART NUMBERS (PLATE IX-11)

A	1300 6580	plate	I	-- --	included in 1300 7117 brush and wire assembly
B	1343 1457	condenser	J	1300 6341	clamp
C	1010 5377	screw	K	1331 6614	wire, includes AB, AE, included in complete motor
D	1266 6996	465 ohms, 21W, 5%	L	1333 6839	extension bracket
	1266 7093	860 ohms, 21W, 5%	M	1341 2085	fuse receptacle
	1344 6331	1850 ohms, 30W, 5%		1341 2150	fuse receptacle assembly, includes R, W, AB
	1030 5415	250 ohms, 30W, 5%	N	1034 9090	3/8"
	1052 7216	350 ohms, 30W, 5%		1034 9082	5/16"
	1266 7036	650 ohms, 21W, 5%		1010 3083	1/4"
	1266 7093	860 ohms, 21W, 5%		1028 7084	3/16"
E	1010 8710	screw, use 1010 0469 nut		1010 0402	nut, use 1304 2056 screw. Use 1027 7036 screw when using plastic clamp only
F	1026 7110	connector, Refer to ELECTRICAL COMPONENTS, for other types	P	1341 2093	fuse receptacle cap assembly, includes AD, AE
G	1027 1625	sleeving			
H	1331 6443	wire, included in stator assembly, includes 1034 8738 connector			

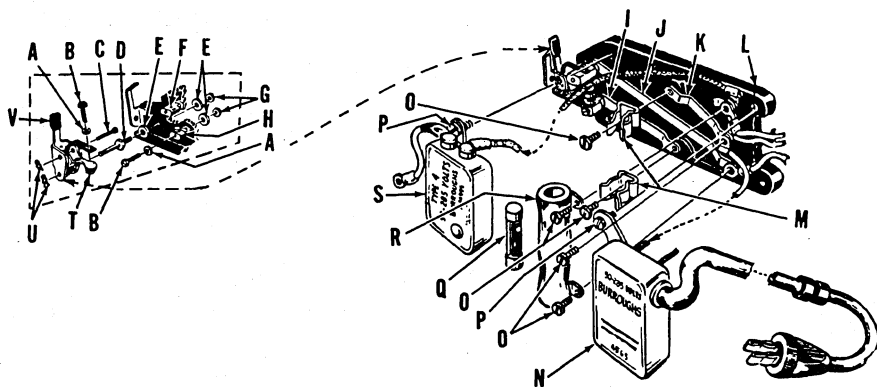
PART NUMBERS CONTINUED ON NEXT PAGE

Power

PART NUMBERS (PLATE IX-11) CONTINUED

Q	1343 0897	220V, 250V, .8 amp.	fuses	Y	1324 7507	for series F5000	wires
	1343 0905	150V, .1 amp.			1324 7499	for series F6000	
	1343 0913	115V, 1.25 amp.			1331 6435	for series F50, thru F500	
	1341 0907	115V, 1.6 amp.		Z	1027 1625	sleeving. Use 1061 3198 sleeving when converting type 4 motor with attached line cord to micro switch construction	
	1323 8126	250V, .1 amp.					
R	1340 8844	spring, included in M		AA	1300 1466	three prong receptacle, after serial F60403P. Use 1300 1466, 1035 1948 screw (2), 1010 0360 nut (2), 1331 6435 wire on machines with detachable line cord before serial F60404P	
S	1342 6713	fuse holder clamp			1331 6104	receptacle (has 6 terminals for wire connectors) for machines having enforced use of keys, extended overdraft, C.F. "A" non-clear lock, automatic fee indexing etc.	
T	1010 0329	nut		AB	1034 8738	connector	
U	1010 8421	screw		AC	1301 0475	insulator	
V	1028 9049	collar		AD	-- --	included in P, includes AE	
W	-- --	included in M		AE	1300 1516	connector. Refer to ELECTRICAL COMPONENTS, for other types	
X	1010 6847	screw, after serial F156812P, use 1010 0360 nut	for series F25 thru F500, F700, F6000	AF	1343 0558	wire, includes AE	
	1035 1948	screw, before serial F156813P and after serial F60403P. Use 1011 0112 screw, 1028 9049 spacer with back plate having tapped holes before serial F60404P. Use 1044 3109 screw, 1028 9049 spacer, 1010 0360 nut with back plate having plain holes before serial F60404P. Use 1010 6847 screw, after serial F156812P for series F5000. Use 1340 2854 screw, 1256 5230 nut before serial F156813P. Use 1326 3900 post (2), 1256 0710 screw (2), 1256 7434 lockwasher (2), 1010 0337 nut (2) for series F1000 after serial F158317P		AG	1028 7837	screw	included in AJ
				AH	1256 7715	washer	
				AI	1049 2841	screw	
				AJ	1343 1069	switch, includes AG, AH	
				AK	1010 8702	screw	
				AL	1303 6595	washer	
				AM	1010 6011	washer	

TYPE 4 MOTOR WITH BURROUGHS SWITCH (PLATE IX-12)



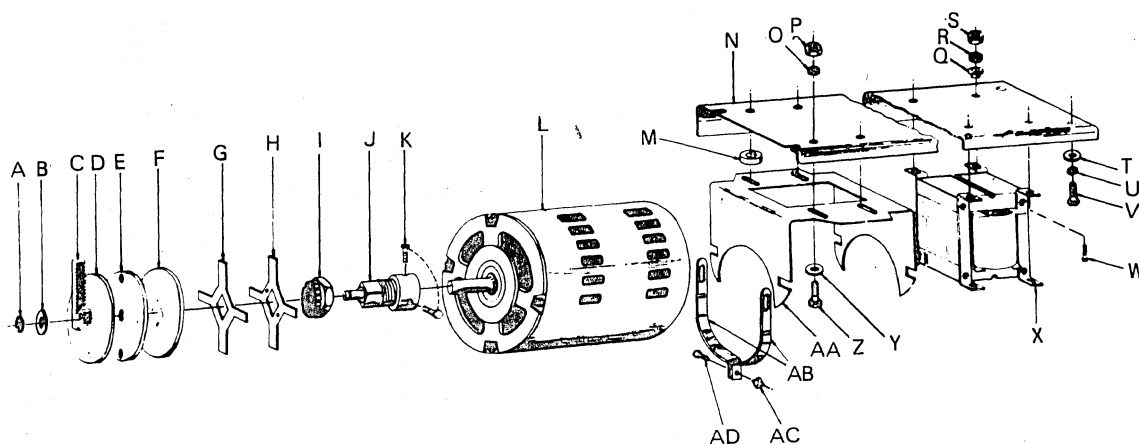
PART NUMBERS (PLATE IX-12)

A	1010 3935	washer	L	1300 6598	115V	complete set of parts for converting type 4 motor with non-detachable line cord to micro switch construction
B	1029 3082	screw		1344 6372	150V	
C	1029 3074	post		1344 6380	220-250V	
D	1029 3066	post				
E	1010 4552	washer		1300 6606	115V	complete set of parts for converting type 4 motor with detachable line cord to micro switch construction
F	1046 6522	post		1344 6398	150V	
G	1010 0378	nut		1344 6406	220-250V	
H	1046 6514	point	M	1300 6333	fuse holder	
I	1300 6309	link				
J	1300 6317	link				
K	1300 6325	link				

PART NUMBERS CONTINUED ON NEXT PAGE

Power**MOTOR, TRANSFORMER, OVERLOAD CLUTCH (F1000 & F9000 with suffix S or -023)**

(Plate IX-13-1)

**PART NUMBERS (Plate IX-13-1)**

- 1202 9807 complete 115 volt 50/60 cycle AC motor includes L, AA thru AD
 1331 6351 complete 115 volt DC motor includes L, AA thru AD (F1000)
 1328 5614 complete clutch assembly, 50 cycle, includes A, B, D thru K
 1328 5606 complete clutch assembly, 60 cycle, includes A, B, D thru K

- | | | | | | | | |
|---|-----------|----------------------------------|----------------------|----|-----------|-------------------------------------|----------------------------|
| A | 1255 3178 | retaining clip | | O | 1256 7483 | lockwasher | |
| B | 1337 6512 | for 18 tooth 50 cycle pulley | thrust washer | P | 1256 5412 | nut | |
| | 1337 1174 | for 15 tooth 60 cycle pulley | | Q | 1209 5519 | flanged spacer | |
| C | 1316 0841 | 50 cycle | belt | R | 1256 7467 | lockwasher | |
| | 1338 5455 | 60 cycle | | S | 1256 5289 | nut | |
| D | 1502 4979 | 18 tooth 50 cycle | pulley | T | 1337 8773 | spacer for 60 cycle construction | |
| | 1502 4961 | 15 tooth 60 cycle | | U | 1256 7491 | lockwasher | |
| E | 1510 9515 | friction disc | | V | 1256 3085 | screw | |
| F | 1328 6497 | plate | | W | 1256 0868 | screw | |
| G | 1328 6414 | leaf spring | | X | 1206 2204 | transformer (90 volts to 250 volts) | |
| H | 1328 6422 | leaf spring | | Y | 1256 8085 | washer | |
| I | 1328 7428 | pressure nut | | Z | 1212 7098 | screw | |
| J | 1328 5598 | arbor | | AA | ----- | bracket | included in complete motor |
| K | 1340 4090 | set screw | | AB | ----- | strap | |
| L | ----- | included in complete motor | | AC | ----- | nut | |
| M | 1827 4837 | spacer for 50 cycle construction | | AD | ----- | screw | |
| N | 1212 8120 | F9000 | motor mounting plate | | | | |
| | 1202 3776 | F1000 | | | | | |

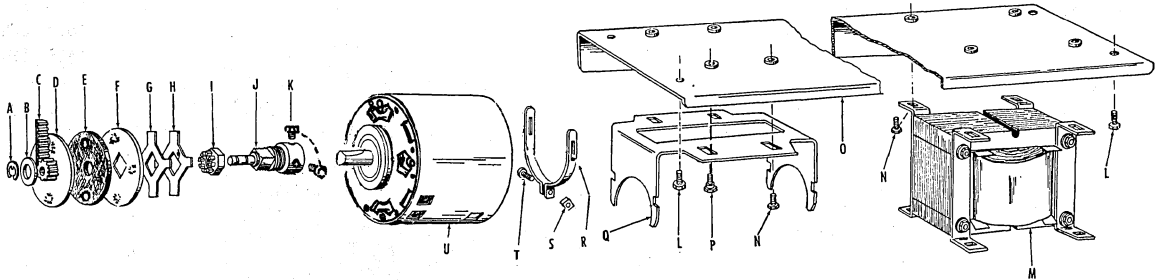
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Power

PART NUMBERS (PLATE IX-12) CONTINUED

N	-- --	Refer to ELECTRICAL PARTS CATALOG	R	1300 7067	465 ohms 110V	resistors
O	1026 9983	screw		1300 7075	860 ohms 150V	
P	1641 3916	screw		1300 7083	1850 ohms 220V	
Q	1300 7265	fuse, .95 amp., use with 110V		1300 7091	2400 ohms 250V	
	1056 0639	fuse, .85 amp., use with 150V	S	1300 7323	condenser	
	1640 8486	fuse, .6 amp., use with 220-250V	T	1046 6498	point	
			U	1026 7078	clip	
			V	1046 6506	actuator	

MOTOR TRANSFORMER, OVERLOAD CLUTCH (F1000) (PLATE IX-13)

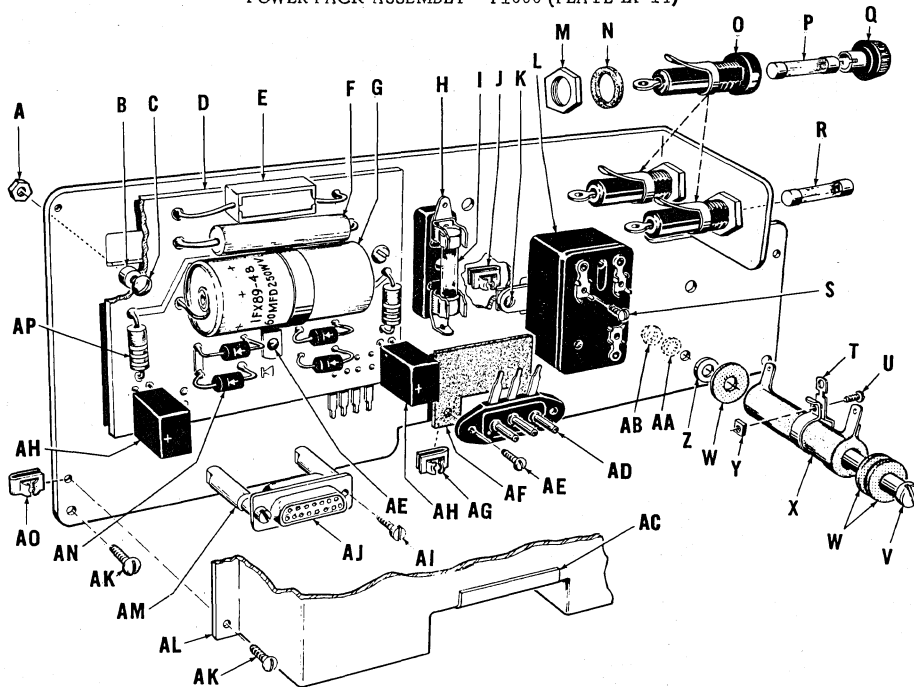


PART NUMBERS (PLATE IX-13)

	1331 6336	complete 115 Volt 60/50 cycle A.C. motor, includes Q thru U	E	1510 9515	fiber retainer	
	1331 6336	complete 115 Volt 60/50 cycle A.C. motor, includes Q thru U	F	1328 6497	plate	
✓	1202 9807	complete 115 Volt 60/50 cycle A.C. motor, includes Q thru U for machines with serial No. ending in S	G	1328 6414	leaf spring	
	1331 6351	complete 110 Volt D.C. motor, includes Q thru U	H	1328 6422	leaf spring	
	1328 5606	complete clutch assembly for 60 cycle A.C. or D.C. after serial F134907P, includes A, B, D thru K (15 tooth pulley)	I	1338 7428	pressure nut	
	1328 5622	complete clutch assembly for 60 cycle A.C. or D.C. before serial F134908P, includes A, B, D thru K (11 tooth pulley)	J	1328 5598	arbor only	
	1328 5614	complete clutch assembly for 50 cycle A.C. after serial F134907P, includes A, B, D thru K (18 tooth pulley)	K	1340 3779	screw	
	1328 5630	complete clutch assembly for 50 cycle A.C. before serial F134908P, includes A, B, D thru K (13 tooth pulley)	L	1341 7456	screw	
A	1017 4290	clip	M	1336 8212	step down transformer for 150, 220, 240 volts, 60/50 cycle A.C.	
B	1337 1174	thrust washer for 60 cycle A.C. or D.C.		1336 8246	step down transformer for 230, 250 volts, 60/50 cycle A.C.	
	1337 6512	thrust washer for 50 cycle A.C.		NOTE: When ordering transformers for voltages other than specified above, order by description and specify voltage		
C	1338 5455	belt for 60 cycle A.C. or D.C. after serial F134907P	N	1341 7449	screw	
	1338 5430	belt for 60 cycle A.C.; 50 cycle A.C. and D.C. before serial F134908P	✓ O	1528 5208	plate for machines with transformers, use 1010 4925 washer (4 req.), 1256 5289 nut (6 req.), 1256 1478 screw (4 req.)	
	1316 0841	belt for 50 cycle A.C. after serial F134907P and for 60 cycle machines with serial numbers ending in S	P	1331 6146	plate for machines without transformer	
				1341 8181	screw, except for 50 cycle A.C. after serial F134907P. Use 1257 3093 screw, 1256 8044 washer, 1337 4749 and 1341 9726 spacers for 50 cycle A.C. after serial F134907P	
			Q	-- --	bracket	included in complete motor
			R	-- --	strap	
			S	-- --	nut	
			T	-- --	screw	
			U	-- --	See Note	
D	1502 4961	15 tooth 60 cycle				
	1502 4979	18 tooth 50 cycle				} pulley assembly
	1502 9838	11 tooth 60 cycle				
E	1510 9515	fiber retainer				

Power

POWER PACK ASSEMBLY - F1000 (PLATE IX-14)

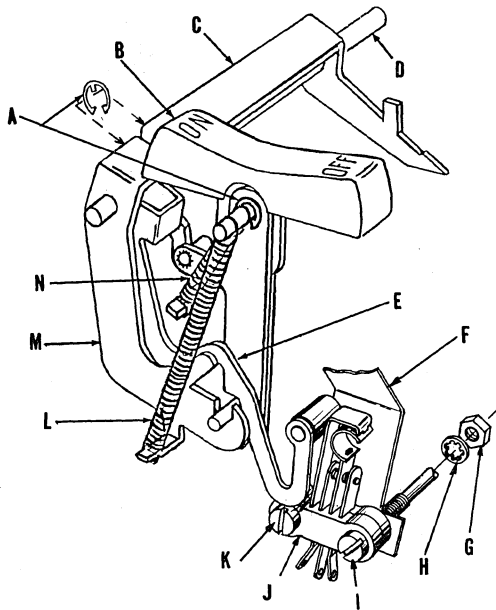


PART NUMBERS (PLATE IX-14)

✓ 1336 7289	complete assembled power pack and terminal board	N	-- --	included in O
1336 7255	complete assembled power pack without terminal board, includes 1341 8488 rectifier, requires 1341 3901 fused resistor	O	1343 1259	fuse holder
A	1256 5248 nut	P	1343 0921	fuse 3/4 amp.
	1256 5222 nut for machines with radio interference suppressor	Q	-- --	included in O
B	1320 9234 spacer	R	1341 7720	fuse 3.2 amp., use with 115V, A.C.
	1337 5274 spacer for machines with radio interference suppressor		1341 0881	fuse 1.5 amp., use with 115V, D.C.
C	1256 0884 screw		1341 0899	fuse 2 amp., use with 150, 220, 240V A.C.
	1256 0603 screw for machines with radio interference suppressor, use 1256 7434 washer	S	1256 9786	screw
✓ D	1340 7473 printed circuit board assembly, includes E, F, G, AE, AH, AN, AP	T	-- --	included in X
	1504 9463 printed circuit card assembly, series F9000	U	-- --	included in X
	1340 7465 printed circuit board only	V	1342 9980	screw
	1338 9796 for machines with radio interference suppressor	W	1337 4582	mica washer
E	1341 3901 fused resistor 10 ohm, 5W, included in D	X	1341 7704	adjustable resistor - 3000 ohms
F	1266 6129 resistor 4K ohm, 5W, included in D	Y	-- --	included in X
G	1341 3455 electrolytic capacitor for power pack with terminal board, 115V, 60 cycle A.C., included in D	Z	1010 9924	spacer
	1341 3372 electrolytic capacitor for power pack without terminal board after serial F89602P	AA	1010 4354	lockwasher
	1341 7795 capacitor before serial F89603P	AB	1010 0311	nut
	1341 3307 electrolytic capacitor for machines with radio interference suppression and voltages other than 115V, 60 cycle A.C.	AC	1341 6029	vinyl strip, included in AL
H	1323 8175 fuse holder	✓ AD	1300 1466	three prong receptacle
I	1343 0939 fuse 1 amp.		1208 8613	three prong receptacle, series F3000, F6000, F1000 & F1000P for machine serial number ending in S
J	1338 8061 speed nut		1208 8621	three prong receptacle, series F3000P, F5000P, F6000P for machine serial numbers ending in S
K	1256 0843 screw	AE	1256 0868	screw, use 1256 7723 lockwasher, 1256 5248 nut, included in D
L	1341 7712 motor start relay	AF	1336 8261	insulating shield
M	-- -- included in O	AG	1338 8061	speed nut
		AH	1311 6256	rectifier, included in D
		AI	1340 3001	screw
		AJ	1266 8141	receptacle, use mating connector 1266 8133
		AK	1256 0843	screw
		AL	1336 8394	cover, includes AC
		AM	1341 7878	post, use 1256 5248 nut
		AN	1340 2656	diode, included in D
		AO	1300 1503	speed nut
		AP	1265 9272	resistor, 470 ohm, 1 watt, included in D

Power

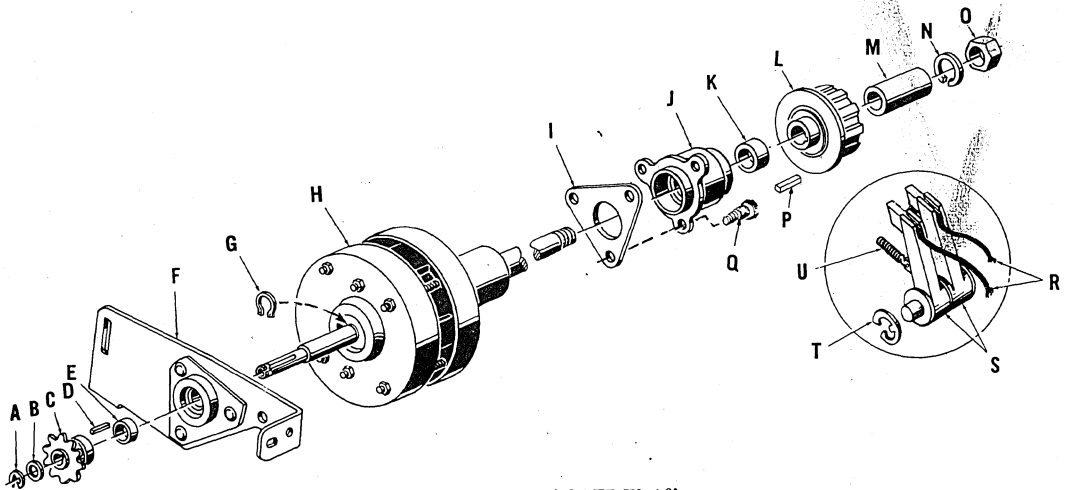
MAIN SWITCH MECHANISM - F1000 (PLATE IX-15)



PART NUMBERS (PLATE IX-15)

A	1255 3152	clip
B	1336 8444	ON-OFF switch lever assembly after serial F77379P
	1336 8436	ON-OFF switch before serial F77380P
C	1336 6976	bail, use before serial F77380P
D	1326 0039	shaft, use before serial F77380P
E	1336 7065	arm
F	1340 8513	insulating shield
G	1010 0378	nut
H	1256 7715	lockwasher
I	1340 4314	screw after serial F95947P, Use 1013 1845 screw before serial F95948P
J	1341 8314	switch
K	1013 1845	screw
L	1026 9496	spring
M	1336 6984	detent bail
N	1026 9892	spring, use before serial F77380P

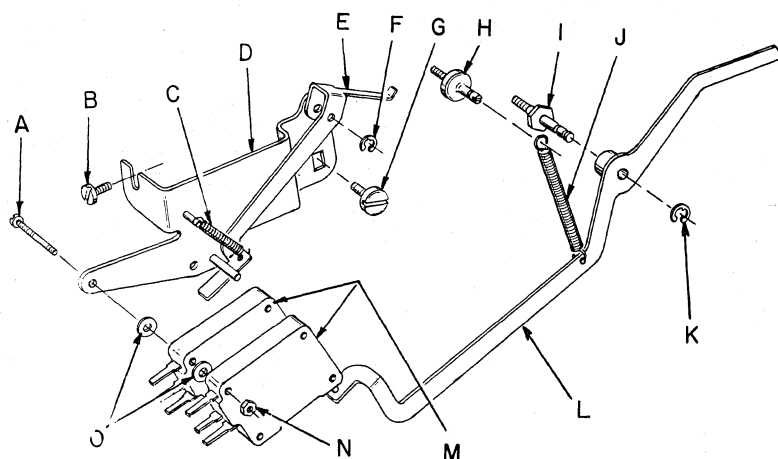
PERMANENT MAGNETIC CLUTCH (PLATE IX-16)



PART NUMBERS (PLATE IX-16)

	1502 7279	complete permanent magnetic clutch assembly with sprocket at position C and pulley at position L, includes A thru P
A	1255 3145	clip
B	1342 6606	spacer
C	1502 7121	keyed sprocket, use 1338 5471 chain
	1338 5893	dual repair pulley (for key or 1255 0315 pin), use 1010 4503 washer between pulley and brace F
D	1333 9213	key
E	1502 7188	spacer
F	1336 7503	bracket assembly
G	1256 9273	clip
H	1503 0406	clutch
I	1326 0401	bearing retainer plate
J	1502 7105	bearing assembly
K	1502 7089	spacer
L	1502 7071	keyed pulley, use 1338 5422 belt
	1502 4870	repair pulley for large dia. shaft
	1341 8017	repair pulley for small dia. shaft,
		1255 7872 setscrew included in repair pulleys
M	1502 7055	spacer
N	1256 7491	lockwasher
O	1256 5438	nut
P	1314 9141	key
Q	1010 3380	screw
R	1341 8660	carbon brush assembly
S	1300 7042	brush holder
T	1017 4290	clip
U	1013 3346	spring

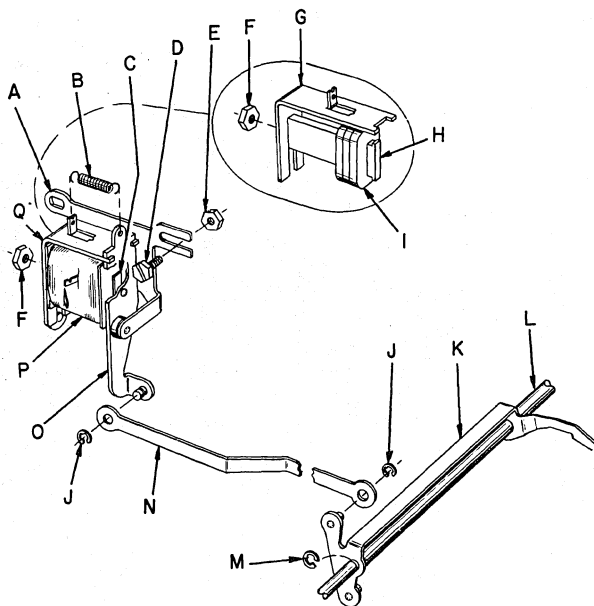
SWITCHES AND LINKAGE FOR FIELD INSTALLED ELECTRICAL DRIVE TRIP INTERLOCK (PLATE IX-17)



PART NUMBERS (PLATE IX-17)

A	1256 0199	screw
B	1311 7205	screw
C	1013 3114	spring
D	1329 2248	plate
E	1329 2362	actuator
F	1255 3129	clip
G	1010 4818	screw
H	1029 3538	spring anchor screw
I	1340 0478	post
J	1028 8942	spring
K	1300 1490	clip
L	1329 2735	arm
M	1341 1848	switch
N	1256 5180	nut
O	1010 4933	washer

DRIVE TRIP INTERLOCK SOLENOID AND LINKAGE - F25 THRU F500 AND F6000 (PLATE IX-18)



PART NUMBERS (PLATE IX-18)

feature having crossfootes "A" non-clear lock; extended overdraft control, or enforced use of keys; and styles F511, F512 having crossfooter "A" non-clear lock or enforced use of keys

*1325 5575 for machines with the above features having a solenoid with round core and coil

**1325 5625 for series F25 thru F500 WITHOUT rotary dial indexed calendar feature having a field installed electrical drive trip interlock, except style F404

**1325 5666 for style F404

**1325 5633 for series F50 thru F500 WITH rotary dial indexed calendar feature having a field installed electrical drive trip interlock, except styles F511, F512, F513

**1325 5641 for styles F511, F512, F513

A 1325 5534 for 1325 5559, 1325 5567, 1325 5575, 1325 5583, 1325 5591, 1325 5609 } bracket

1325 5617 for 1325 5625, 1325 5633, 1325 5614

1325 5658 for 1325 5666

B 1027 2847 spring

C 1340 8141 flat core

1343 0632 round core, use 1026 9389 washer as req.

D 1010 9825 screw for front and rear hole, all styles except rear hole of F404

1304 2767 screw for rear hole style F404

E 1010 0386 nut

F 1342 8370 nut

G 1325 5385 bracket

H 1340 8331 core

I 1326 5566 copper slug

J 1010 0220 clip

K 1502 0340 bail after serial F159903P

1325 5500 bail before serial F159904P

L -- -- Refer to 4 REGISTER SELECTION MECHANISM

COMPLETE SOLENOID AND BRACKET ASSEMBLY

*1325 5583 with flat core and coil for F50 thru F500 WITHOUT rotary dial indexed calendar feature having crossfooter "A" non-clear lock; extended overdraft control or enforced use of keys

*1325 5559 for machines with above features with round core and coil

*1325 5591 with flat core and coil, for series F50 thru F500, F6000 WITH rotary dial indexed calendar feature having crossfooter "A" non-clear lock or extended overdraft control, except styles F511, F512

*1325 5567 for machines with the above features with round core and coil

*1325 5609 with flat core and coil for series F6000 WITHOUT rotary dial indexed calendar

PART NUMBERS CONTINUED ON NEXT PAGE

Power

PART NUMBERS (PLATE IX-18) CONTINUED

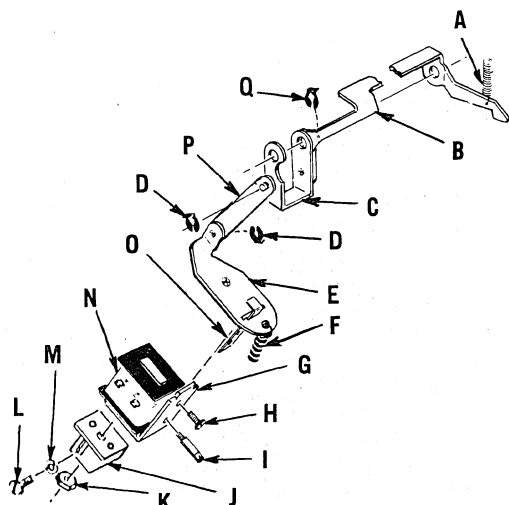
M	1010 0238	clip	
N	1325 5393	for 1325 5583, 1325 5625	
	1325 5401	for 1325 5559	
	1325 5419	for 1325 5567	
	1325 5427	for 1325 5575	
	1325 5435	for 1325 5591, 1325 5633	links
	1325 5443	for 1325 5609, 1325 5641	
	1326 2670	for 1325 5666	
O	1325 5450	for 1325 5559, 1325 5583, 1325 5625, 1325 5666	
	1325 5468	for 1325 5567, 1325 5591, 1325 5633	clapper
	1344 3999	for 1325 5575, 1325 5609, 1325 5641	

P	1326 1672	flat coil
	1343 0624	round coil
Q	1325 5369	bracket

*Complete solenoid and bracket assembly, includes A, B, C, F, O, P, Q

**Complete solenoid and bracket assembly, includes A, B, F, G, H, I, O, P

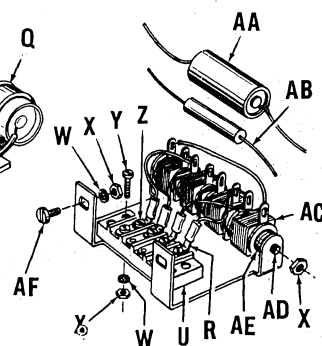
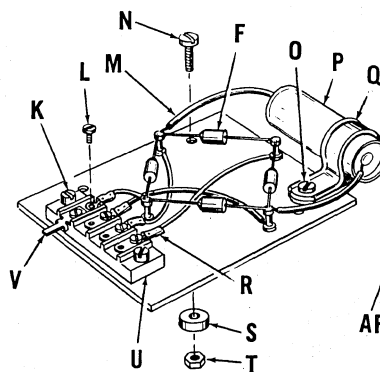
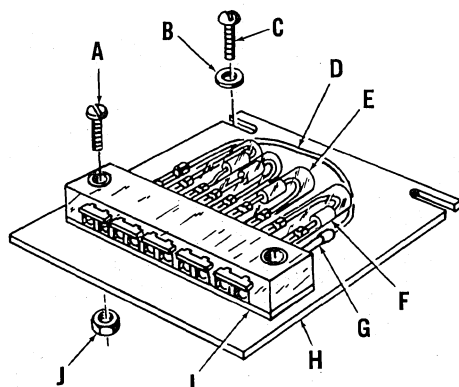
DRIVE TRIP INTERLOCK SOLENOID AND LINKAGE - F1000 (PLATE IX-19)



PART NUMBERS (PLATE IX-19)

1326 4478	complete solenoid assembly, includes E thru J, M, N
A	1308 1682 spring, use 1026 6351 spring anchor
B	1326 3322 bail
C	1326 4445 bail
D	1010 0220 clip
E	1326 4494 clapper
F	1044 2804 spring
G	1326 3090 bracket
H	1303 1372 screw
I	1028 8777 screw
J	1326 4460 bracket
K	1256 5248 nut
L	1257 0636 screw
M	1256 7434 lockwasher
N	1326 1680 assembled coil and core
O	1326 3108 leaf
P	1326 4502 link
Q	1010 0238 clip

POWER SUPPLY UNITS (PLATE IX-20)



PART NUMBERS (PLATE IX-20)

1502 3740	power supply unit for series F50 thru F500, F700, F5000, F6000, includes D, E, F, G, I. Also for series F1000 after serial F158318P
A	1257 2400 screw (2 req.)
B	1256 8002 washer (2 req.)
C	1256 0850 screw (2 req.) use 1256 5248 nut (2 req.)

PART NUMBERS CONTINUED ON NEXT PAGE

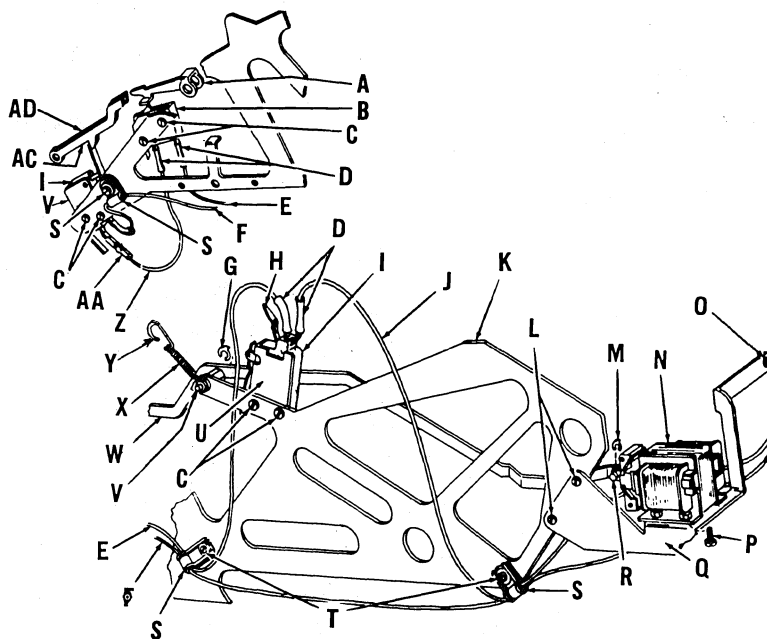
Power

PART NUMBERS (PLATE IX-20) CONTINUED

D	1597 9693	wire	1048 4558	spacer for series F5000
E	1367 7331	sleeving	T	1010 0360 nut
F	1340 2656	diode	U	1338 9408 block, includes L or Z
G	1311 8591	tapered pin	V	1311 8575 tapered tab
H	1502 3757	board	W	1256 7715 washer
I	1344 4161	block	X	1010 0410 nut
J	1256 5248	nut	Y	1010 7142 screw
K	1067 6146	screw, use 1256 7715 washer, 1010 0386 nut	Z	-- -- included in U
L	-- --	included in U	AA	1311 8666 capacitor, 1 μ f, 250 W.V.D.C.
M	-- --	Refer to ELECTRICAL COMPONENTS	AB	1266 5691 1500 Ω , 5W, 5%
N	1026 1790	screw for styles F211, F212, F6211, F6212, use 1010 5575 washer		1266 5972 2700 Ω , 10W, 5%
	1010 6847	screw for series F5000		1266 5998 3000 Ω , 5W, 5%
O	1256 0868	screw, use 1256 8010 washer, 1256 5248 nut		1266 6202 4700 Ω , 5W, 5%
P	1323 8803	capacitor, 10 μ f, 450 W.V.D.C.		1266 6236 5000 Ω , 5W, 5%
Q	1323 9314	holder	AC	1339 0679 rectifier
R	1343 1374	connector	AD	1333 7126 shaft
S	1337 4012	spacer for styles F211, F212, F6211, F6212	AE	1017 4258 fiber spacer
			AF	1025 6154 screw

resistors

REGISTER SELECTION KEYS COLUMNS "O" AND "I" TO OPERATE MACHINE (PLATE IX-21)



PART NUMBERS (PLATE IX-21)

A	1325 7779	actuator	N	1340 7184	solenoid, includes J
B	1341 1285	switch	O	1010 6847	screw, use 1010 4982 washer, 1010 0360 nut
C	1343 0350	screw, use 1010 0477 nut	P	1010 9981	screw, use 1010 0360 nut
D	1027 1625	sleeve	Q	1325 5054	mounting bracket
E	1324 6723	blue wire 13" includes AA	R	1338 8319	anchor stud
F	1324 6715	green wire 35" includes AA	S	-- --	Refer to MISCELLANEOUS ELECTRICAL COMPONENTS
G	1010 0220	clip	T	1011 0179	screw, use 1010 4982 washer
H	1311 8559	tab, included in I	U	1325 8082	mounting plate
I	1343 1242	switch, includes H	V	1339 0885	guide post, use 1256 7442 washer, 1010 0360 nut
J	-- --	included in N			
K	1325 3075	frame			
L	1303 1364	screw, use 1010 0360 nut			
M	1010 0212	clip			

PART NUMBERS CONTINUED ON NEXT PAGE

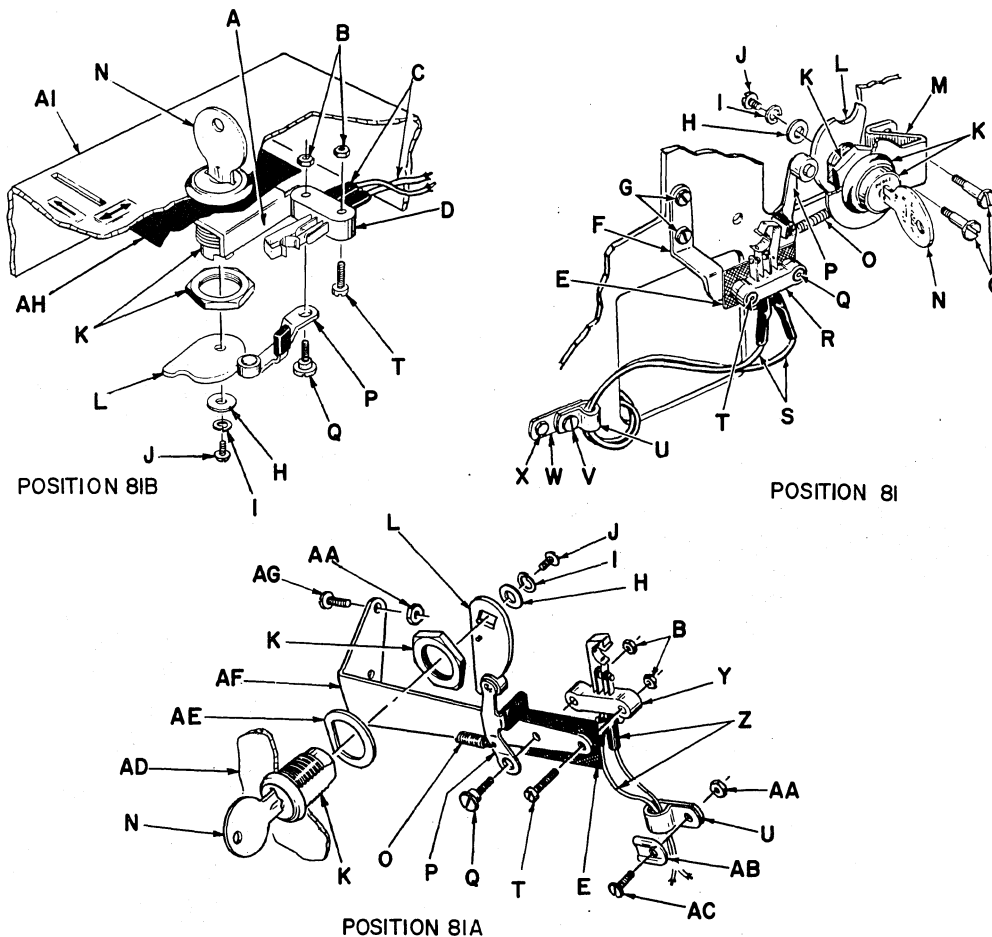
Power

PART NUMBERS (PLATE IX-21) CONTINUED

W	1325 4909	link
X	1027 2912	spring
Y	1026 6252	spring anchor
Z	1324 6731	yellow wire 3" includes AA
AA	1034 8738	tab, included in E, F, J, Z

AB -- -- Refer to REGISTER DESIGNATION AND
 AC -- -- NON-ADD CONTROLS FROM REGISTER
 SELECTION. KEYS IN COLUMN "0"
 AND "1".

LOCK WITH KEY TO PREVENT MACHINE OPERATION - POSITIONS 81, 81A and 81B (PLATE IX-22)



PART NUMBERS (PLATE IX-22)

A	1326 6085	bracket	O	1027 6566	spring
B	1010 0378	nut	P	1300 7398	lever
C	1324 7606	wire harness, includes D	Q	1300 8099	screw, use 1010 0378 nut
D	1300 7232	snap action switch, included in C	R	1300 7257	snap action switch, includes S
E	1300 7430	paper	S	-- --	included in R
F	1300 7422	bracket	T	1026 0487	screw, use 1010 0378 nut
G	1304 0787	screw	U	1010 3083	holder
H	1010 4545	washer	V	1027 7663	screw, use without lock plate W
I	1256 7459	lockwasher		1026 9546	screw, use with lock plate W
J	1051 1129	screw	W	1303 9201	lock plate
K	-- --	lock, 90 1/2 style 6 specify (No's. BU601 thru BU625 combinations) without key	X	1340 3738	screw, use 1010 0428 nut
L	1300 7356	cam	Y	1341 1830	snap action switch, includes Z
M	1300 7414	bracket	Z	-- --	included in Y
N	-- --	key, 90 5/8 style 6 specify (No's. BU601 thru BU625 combinations)			

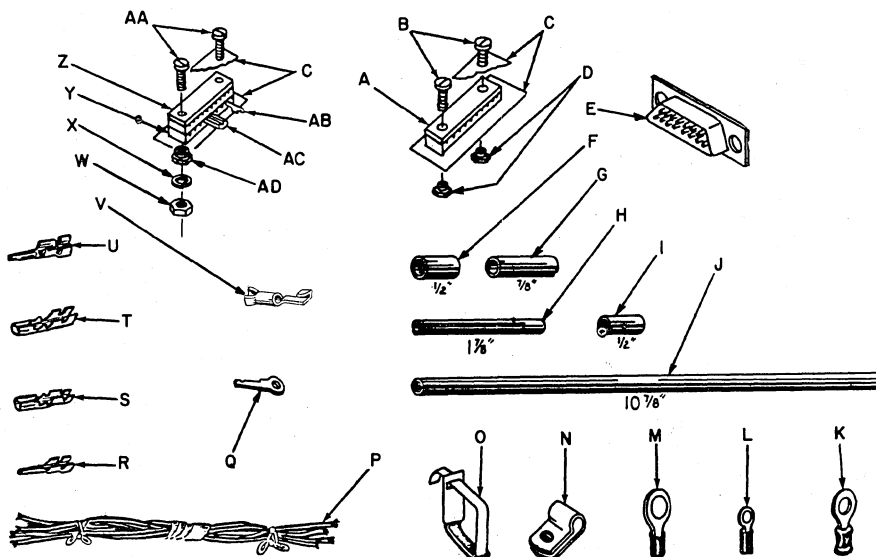
PART NUMBERS CONTINUED ON NEXT PAGE

PART NUMBERS (PLATE IX-22) CONTINUED

AA 1010 0360 nut
 AB 1337 2180 "D" washer
 AC 1011 0021 screw
 AD -- -- Refer to CASE PANELS - F5000
 AE 1337 7718 spacer

AF 1325 3620 bracket
 AG 1010 7142 screw
 AH 1340 8752 paper
 AI -- -- Refer to CASE PANELS - F6000

ELECTRICAL COMPONENTS (PLATE IX-23)



PART NUMBERS (PLATE IX-23)

A 1341 9833 switch block
 B 1256 0918 screw
 C 1341 9874 insulating paper
 D 1338 7469 nut
 E 1344 5671 connector
 F 1027 1625 .118"
 G 1341 9932 .106"
 H 1341 9908 .053"
 I 1341 9965 .076"
 J 1341 9890 .059"
 K 1034 8712 eyelet
 L 1300 1516 eyelet
 M 1034 8696 eyelet
 N 1028 7084 clamp
 O 1341 9866 clamp
 P 1597 8364 24 gauge standard wire
 1597 8505 20 gauge standard wire
 1597 8935 24 gauge solid wire
 Q 1026 7110 tab connector
 R 1324 0635 single taper pin
 S 1342 8586 single taper tab
 T 1034 8738 double taper tab
 U 1311 8591 double taper pin
 V 1026 7102 splice connector
 W 1010 0329 nut after serial F87704P. Use 1338 9663 switch block, 1018 0008 screw (2),

1256 7723 washer (2), 1010 0329 nut (2) before serial F87705P. Use 1340 4157 screw, 1256 7715 lockwasher, 1256 5206 nut in rear hole, series F1000 after serial F140318P
 X 1256 7723 lockwasher
 Y 1341 9833 switch block
 1838 9531 complete terminal block after serial F158318P
 1338 9663 complete terminal block before serial F158319P and after serial F87704P. Use 1338 9663 block, 1018 0008 screw (2), 1256 7723 washer (2), 1010 0329 nut (2), before serial F87705P
 Z 1341 9882 terminal strip
 AA 1018 0008 screw after serial F87704P. Use 1340 4157 screw, 1256 7715 lockwasher, 1256 5206 nut in rear hole, series F1000 after serial F140318P
 AB 1341 9825 taper pin
 AC 1324 0668 jumper
 AD -- -- not used after serial F87704P. Use 1338 9663 block, 1018 0008 screw (2), 1256 7723 washer (2), 1010 0329 nut (2), before serial F87705P

BASIC SERIES F

ACCOUNTING MACHINES

Includes

F25—F500,F700,F1000,F5000,F6000

SECTION

X

Burroughs

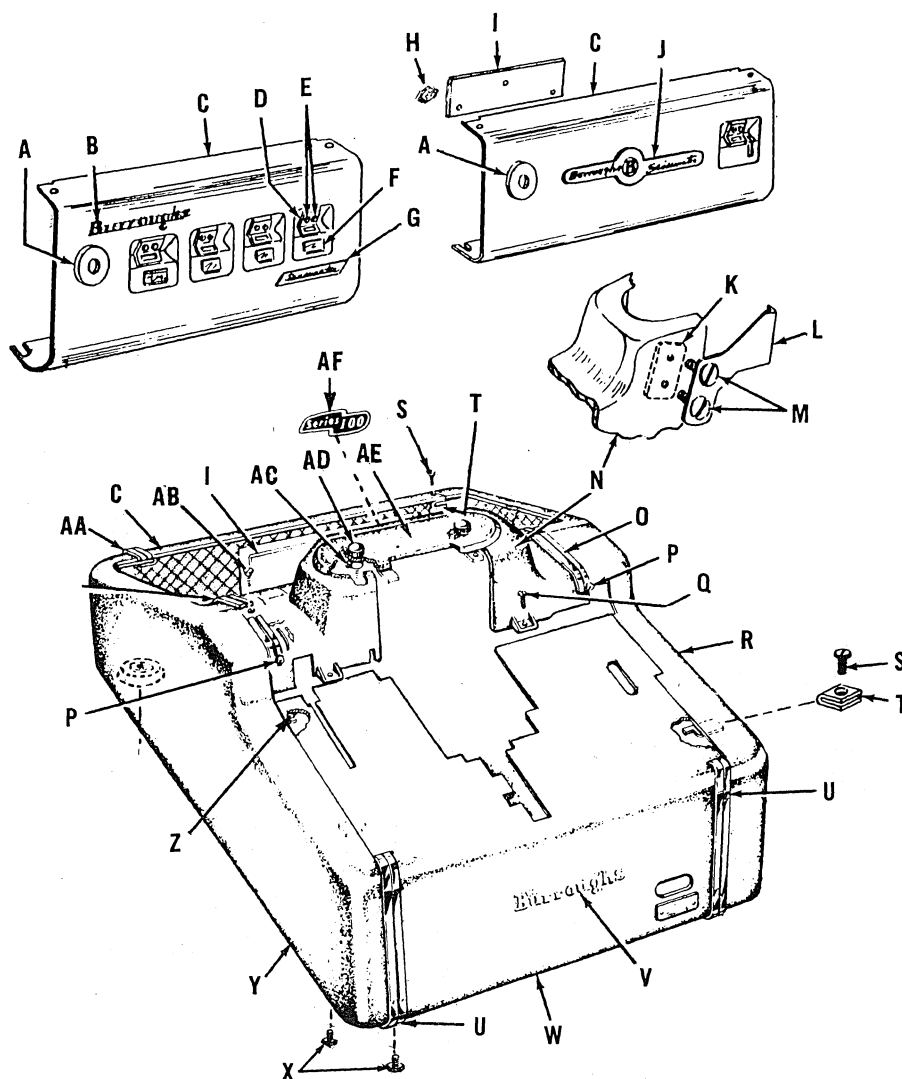
FIELD ENGINEERING

PARTS CATALOG

BASE AND CASE

Base and Case

CASE DETAILS - F25 THRU F500 AND F700 (PLATE X-1)



PART NUMBERS (PLATE X-1)

A	1300 8289	rubber grommet	D	1324 4645	plastic window, included in C
B	1026 8753	name plate, use 1017 6535 speed nut, included in C	E	1010 3737	screw, included in C
C	1300 7901	front panel, includes B, D, E, G for three resettable counter dials	F	1326 2183	plastic window for form heading holder
	1300 7935	front panel, includes B, D, E, G for four non-resettable counter dials and lock position 82	G	1300 4411	name plate, use 1017 6535 speed nut, included in C
	1300 7943	front panel, includes B, D, E, G for four resettable counter dials and lock position 82	H	1017 6535	speed nut, included in C
	1300 7778	front panel, includes H, I, J, without counter dials and with lock position 82	I	1300 7331	plate, included in C
	1300 7810	front panel, includes D, E, H, I, J, for one resettable counter dial, without lock position 82	J	1300 4338	name plate, included in C
	1300 7844	front panel, includes D, E, H, I, J, for one resettable counter dial and lock position 82	K	1325 5195	retaining plate, use with geared pressure rolls
	1300 7877	front panel, includes H, I, J, for lock position 82, without counter dials	L	1325 5179	paper deflector, right side
				1325 5187	left side
			M	1028 9445	screw
			N	1300 8222	ribbon turret, includes AE
				1325 1293	ribbon turret, use with geared pressure rolls, includes AE

PART NUMBERS CONTINUED ON NEXT PAGE

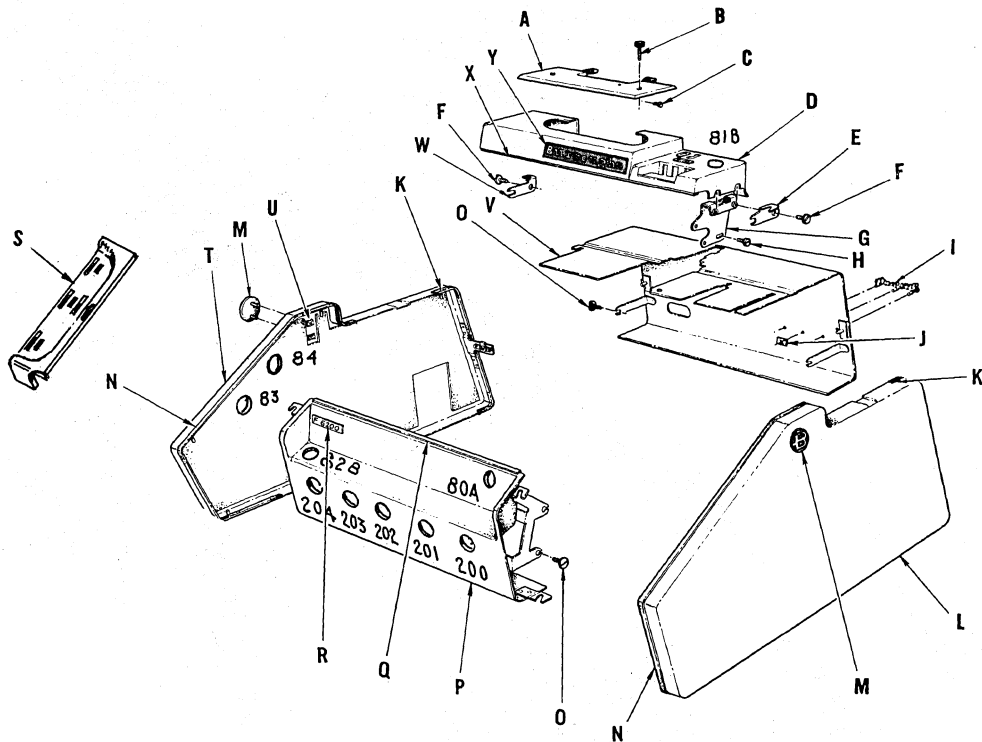
Base and Case

PART NUMBERS (PLATE X-1) CONTINUED

O	1300 7968	strip	1300 7679	left case panel, use with lock to prevent machine operation
P	1340 5808	screw	1300 7513	left case panel, use with two locks for teller identification lever
Q	1010 9601	screw	Z	1300 8115 rivet, included in W
R	1300 7661	right panel	AA	1300 7950 strip
S	1300 8156	screw	AB	1300 8156 screw
T	1300 1508	speed nut	AC	1340 6327 setscrew, included in AE
U	1300 7976	strip	AD	1307 2848 thumbscrew, included in AE
V	1026 8738	name plate, use 1017 6535 speed nut	AE	1307 1857 cover assembly, for twenty column construction, includes AC, AD
W	1300 7745	front panel, includes V, Z	1307 1832	cover only
	1325 0402	front panel, use with lock prevents machine cycle crossfooter "A" non-clear and enforced use of key or keys carriage controlled, includes V	1307 1881	cover assembly for twenty two column construction, includes AC, AD
X	1342 9964	screw	1307 1873	cover only
Y	1300 7570	left case panel	AF	-- -- series identification plates:
	1300 7588	use with calendar feature rotary dial indexed	1341 4362	for F50
	1343 4428	left case panel, use with calendar feature with advancing month and year carriage controlled	1300 4353	for F100
	1343 3420	left case panel, use with calendar feature rotary dial indexed months and days only	1300 4361	for F200
	1300 7596	left case panel, use with calendar feature rotary dial indexed and lock to prevent machine operation	1300 4379	for F300
			1300 4387	for F400
			1300 4403	for F500
			1341 5336	for F700

use 1017 6535 speed nut included in N

CASE DETAILS - F6000 (PLATE X-2)



PART NUMBERS (PLATE X-2)

A	1332 7382	ribbon spool cover	includes U, X, Y
B	1307 2855	plastic top, thumbscrew	1325 1426 cover for geared pressure rolls
C	1340 6327	setscrew	
D	1325 1400	cover, for all styles except as listed below,	

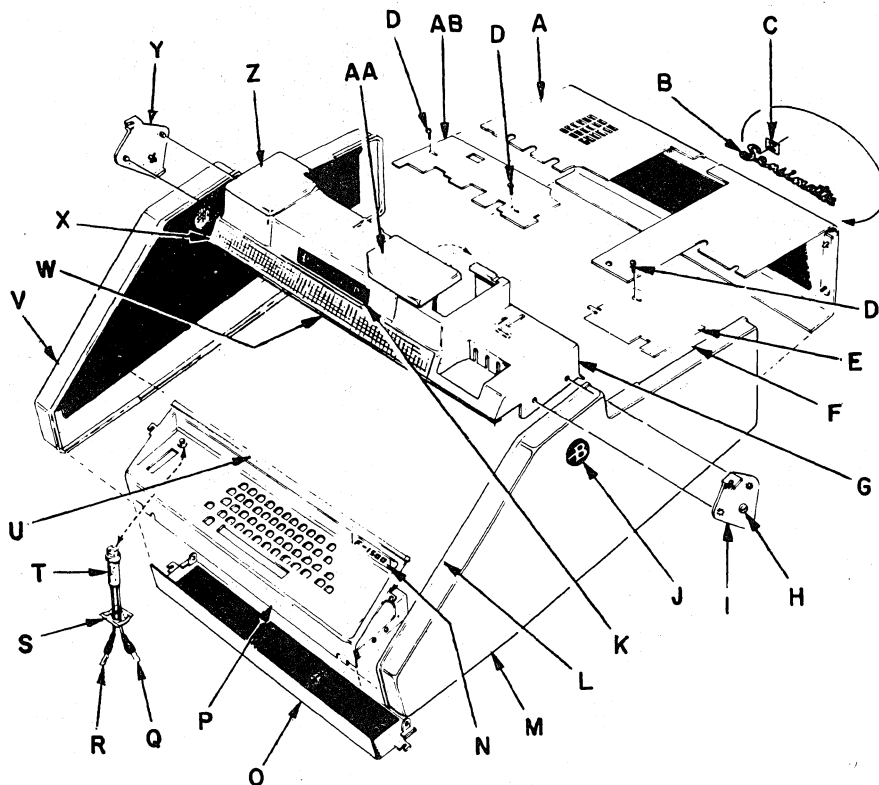
PART NUMBERS CONTINUED ON NEXT PAGE

Base and Case

PART NUMBERS (PLATE X-2) CONTINUED

	1325 1442	cover for lock, position 81B		1325 1236	front case panel for lock, positions 80A, 82B and non-resettable counter dial position 201
E	1326 5962	retainer			
F	1340 5675	screw	Q	1341 6607	rubber beading, included in P
G	1326 5947	plate			
H	1256 1445	screw	R	1341 5047	for F6100
I	1341 3976	name plate, included in V		1341 5054	for F6200
J	1256 5909	speed nut, included in V		1341 5062	for F6300
K	1341 8983	rubber beading, included in L, T		1341 5070	for F6400
L	1325 0329	right panel, includes K, M, N, U		1341 5088	for F6500
M	1341 4321	medallion, included in L, T		1341 5393	for F6050
N	1341 6227	rubber beading, included in L, T except on left case panel with rotary dial indexed calendar feature		1341 5401	for F6700
	1341 6631	rubber beading for rotary dial indexed calendar feature	S	1326 5889	recessed plate, use 1256 5248 nuts
				1502 3948	recessed plate for advancing months and years
O	1340 5667	screw		1505 0719	recessed plate for style F6213 with character printing position optional
P	1325 1202	front case panel for all styles except as listed below, includes Q	T	1325 0345	left panel for all styles except as listed below, includes K, M, N, U
	1325 1160	front case panel for lock, position 82B and counter dial position 202		1325 0360	left panel for lock, positions 83 and 84
	1325 1178	front case panel for counter dial position 201		1325 0303	left panel for rotary dial indexed calendar feature
	1325 1186	front case panel for counter dial positions 201 thru 203	U	1256 5925	speed nut, included in D, L, T
	1325 1194	front case panel for counter dial positions 201 thru 204	V	1506 3886	back panel, includes I and J, use 1507 0360 plug
	1325 1210	front case panel for lock, position 80A and 82B	W	1326 5970	retainer
	1325 1228	front case panel for lock, position 80A	X	1341 6615	rubber beading, included in D
			Y	1341 4370	name plate, included in D, use 1256 5925 speed nut

CASE DETAILS - F1000 (PLATE X-3)



PART NUMBERS ON NEXT PAGE

PART NUMBERS (PLATE X-3)

1341 4974 decal } for F1200
1341 4669 plate }
1341 4982 decal } for F1300
1341 4677 plate }
1341 4933 decal } for F1400
1341 4628 plate }
1341 4941 decal } for F1500
1341 4636 plate }
1341 5310 decal for F1700
1325 0899 lower panel, blue 704
1502 7907 keyboard panel, blue 704,
after serial F158755P
1325 0881 keyboard panel, blue 704, before
serial F158756P
1027 1625 plastic tubing
1034 8738 single tab
1338 8079 clip
1342 0013 neon assembly, includes Q, R, S
1341 8967 rubber beading, blue 704
1325 0105 left panel, includes J, L, F
1341 8959 rubber strip
1341 8991 aluminum strip
1326 0955 retainer, includes H
1326 0609 left ribbon cover, use 1341 9114 spring,
1024 7906 washer, 1025 6154 screw
1326 0617 right ribbon cover, use 1341 9114 spring,
1024 7906 washer, 1025 6154 screw
1325 0451 plate

A	1502 7261	back panel, includes B, C, use 1507 0360 plug
B	1341 3976	name plate after serial F93262P. Use 1341 3976 and 1256 5909 (3) speed nut before serial F93263P
C	1256 5909	speed nut, after serial F93262P. Use 1010 0261 before serial F93263P
D	1303 1893	screw
E	1325 0444	plate
F	1341 8983	rubber beading
G	1522 5709	top panel, includes K, W, X, Z, AA
H	1341 9130	pin type screw, includes 1341 9163 pin
I	1326 0963	retainer, includes H
J	1341 4321	medallion, use 1256 5925 speed nuts
K	1341 4370	name plate, after serial F93262P, use 1256 5925 speed nuts. Use 1522 5709 top panel before serial F93263P
L	1341 8975	rubber beading
M	1325 0089	right panel, includes J, L, F
N	-- --	NOTE: Use decals after serial F126920P and plates before serial F126921P. 1338 8111 speed nuts are required to install plates plates
	1341 4958	decals
	1341 4644	plate
	1341 4966	decals
	1341 4651	plate

} for F1000

} for F1100

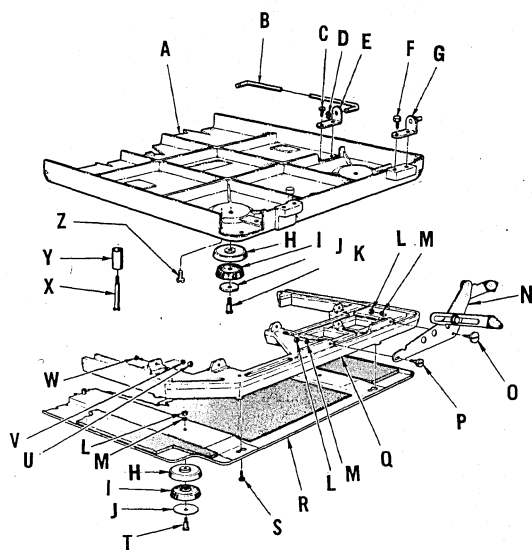
PART NUMBERS ON NEXT PAGE

Base and Case

PART NUMBERS (PLATE X-4)

A	1325 1368	ribbon turret, includes B, H	X	1326 0930	bracket, includes W
B	1341 4370	medallion, use 1256 5925 speed nut, included in A	Y	1326 0898	bracket
C	1326 0831	bracket, after serial F127423P	Z	1326 0880	bracket
	1326 0815	bracket, before serial F127424P	AA	1341 4990	for F5100
D	1332 7358	cover		1341 5005	for F5200
E	1340 6327	setscrew		1341 5013	for F5300
F	1307 2855	knurled screw		1341 5021	for F5400
G	1506 5196	rear panel after serial F127423P, use 1507 0360 plug		1341 5039	for F5500
	1325 0626	rear panel before serial F127424P		1341 5328	for F5700
	1325 0808	rear panel for automatic count	AB	1326 3637	plastic window, included in AD
H	1341 6102	rubber beading, included in A	AC	1341 6136	rubber beading, included in AD
I	1010 0329	nut	AD	1325 1079	front panel for all styles except F5211, F5212, includes AB, AC, AE
J	1326 1045	bracket		1325 1129	front panel for F5211
K	1340 3787	screw		1325 0923	front panel for F5212
L	1010 8421	screw	AE	1300 8297	rubber grommet, included in AD
M	1326 0963	bracket	AF	1301 9740	plastic window, included in AL
N	1341 9163	pin	AG	1326 0872	bracket
O	1017 6550	speed nut	AH	1326 0906	bracket
P	1341 3976	name plate	AI	1340 3795	screw
Q	1341 9155	pin fastener	AJ	1325 0261	left panel after serial F127423P
R	1326 0823	bracket, after serial F127423P		1325 0139	left panel before serial F127424P
	1326 0807	bracket, before serial F127424P	AK	1324 4710	felt pad, included in T, AJ
S	1341 6128	rubber beading, included in T, AJ	AL	1325 1251	cover for styles F5212, F5510 after serial F135295P
T	1325 0287	right panel after serial F127423P		1325 0915	cover before serial F135296P
	1325 0154	right panel before serial F127424P		1325 1277	cover for style F5213 after serial F135295P
U	1341 4321	medallion, use 1256 5925 speed nut, included in T, AJ		1325 1020	cover before serial F135296P
V	1341 6110	rubber beading, included in T, AJ	AM	1301 9542	screw
W	1341 9148	pin fastener, included in X	AN	1326 0971	bracket
			AO	1326 1052	bracket

BASE DETAILS - F25 THRU F500, F700, F3000 AND F6000 (PLATE X-5)

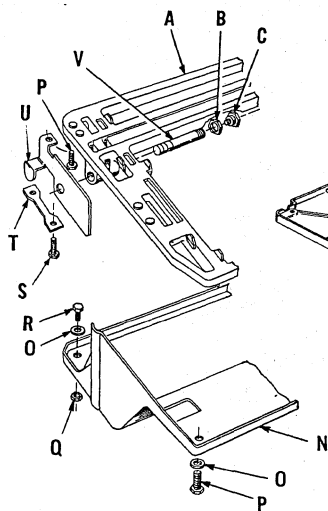


PART NUMBERS (PLATE X-5)

A	1300 8180	base, includes H, I, J, K	C	1340 2870	screw
	1200 6342	base for series F3000, includes rubber feet	D	1255 3152	clip
B	1300 8305	support rod	E	1324 4603	bracket
			F	1342 9964	hex head screw
			G	1324 4611	bracket
			H	1300 8032	cover, gray ripple 206
				1300 8040	cover, amber gray 203, included in A
			I	1300 8198	rubber foot, included in A
			J	1300 8057	washer, included in A
			K	1341 7902	screw, use 1010 0345 nut, included in A
			L	1256 5271	nut
			M	1256 7467	washer
			N	1326 5764	right leg support assembly
				1326 5780	left
			O	1340 5618	screw
			P	1321 6627	screw
			Q	1325 0014	base
				1209 1880	base, styles F6260, F6460, F6560, F6764, F6765
			R	1502 3641	oil pan, only
				1502 5208	oil pan assembly, includes H, I, J, T
			S	1340 5709	screw
			T	1110 0674	screw
			U	1256 5263	nut
			V	1256 7459	washer
			W	1340 5725	screw
			X	1300 8073	extension screw
			Y	1342 7380	extension sleeve
			Z	1300 8149	screw

Base and Case

BASE DETAILS - F1000 AND DUAL PRINTERS (PLATE X-6)

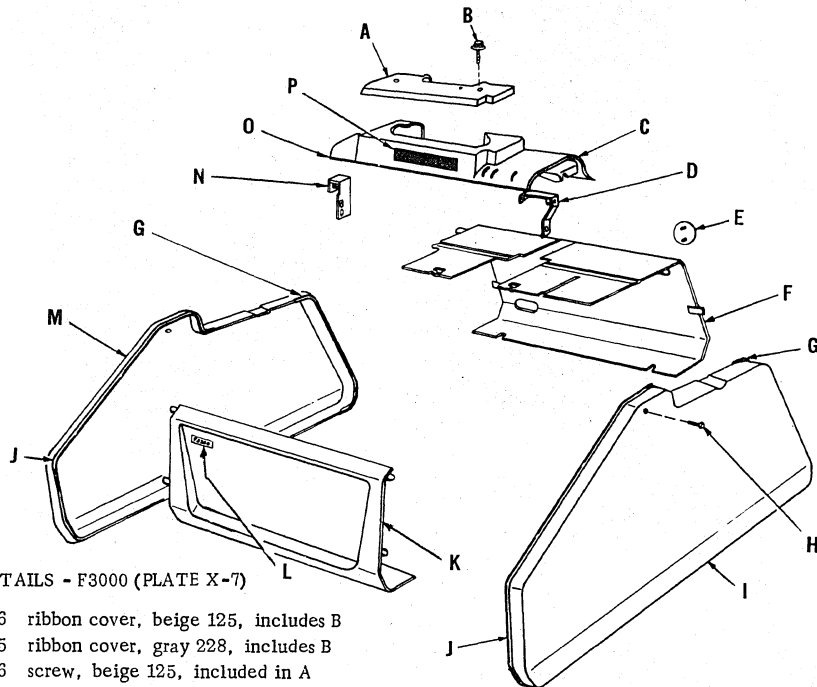


PART NUMBERS (PLATE X-6)

- A 1510 8939 base for series F1000, use 1511 3178, 1511 3186
pilot screws, 1338 7394 adjusting nut
- B 1341 7886 nut
- C 1341 7506 screw

- D 1256 5289 nut
- E 1337 1802 washer
- F 1324 4801 brace
- G 1340 4025 screw
- H 1324 4793 brace
- I 1340 2870 screw
- J 1324 4629 bracket
- 1324 4637 machine support assembly, includes D, E, F, G, H
- K 1340 5055 screw
- L 1338 7717 shoulder nut
- M 1502 3633 base for Dual Printers
- N 1342 0286 pan
- O 1028 8173 washer
- P 1341 7456 screw
- Q 1010 3604 nut
- R 1017 1759 screw
- S 1341 7902 screw
- T 1342 0237 left plate } style 95 stand
- 1342 0229 right plate }
- 1256 6147 retainer bolt use 1321 2865 nut, style 1 stand
- U 1502 7501 left limit
- 1502 7493 right limit
- V 1511 3335 pivot pin for new style stand, use 1511 4028 nuts
- 1326 0195 pivot pin for old style stand

CASE DETAILS - F3000 (PLATE X-7)



CASE DETAILS - F3000 (PLATE X-7)

- A 1200 6326 ribbon cover, beige 125, includes B
- 1210 7835 ribbon cover, gray 228, includes B
- B 1202 1036 screw, beige 125, included in A
- 1210 7827 screw, gray 228, included in A
- C 1200 6300 turret, beige 125, includes O and P
- 1210 6530 turret, gray 228, includes O and P
- D 1202 0756 bracket, use 1010 9601 screw and 1010 0386 nut
- E 1026 8712 medallion for beige 125, use 1256 5925 speed nut
- 1206 0554 medallion for gray 228, use 1256 5925 speed nut

- F 1200 6276 rear panel, beige 125, includes E
- 1210 8296 rear panel, gray 227, includes E
- G 1200 6409 rubber beading, included in I and M
- 1210 8437 rubber beading, gray 227, included in I and M
- H 1200 6383 screw, use 1255 3111 retainer, included in I and M

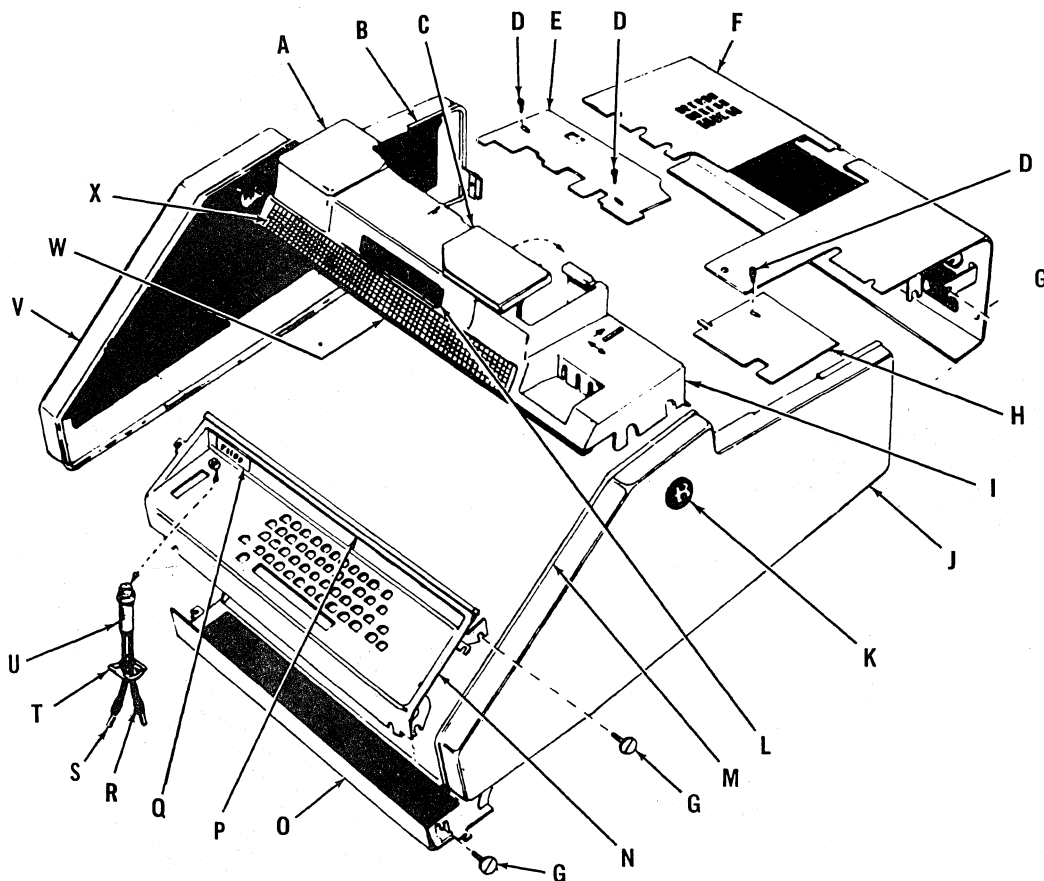
PART NUMBERS CONTINUED ON NEXT PAGE

Base and Case

PART NUMBERS (PLATE X-7) CONTINUED

I	1200 6268	side panel, beige 125, includes G, H and J	M	1200 6201	side panel, beige 125, includes G, H and J
	1210 8353	side panel, gray 227, includes G, H and J		1210 8338	side panel, gray 227, includes G, H and J
J	1200 6391	rubber beading, included in I and M	N	1202 0764	bracket
	1210 7892	rubber beading, gray 227, included in I and M	O	1200 6482	cloth strip, included in C
K	1200 6060	front panel, blue 704	P	1026 8738	name plate, included in C
L	1202 8288	decals for F3050			
	1202 8270	decals for F3200			

CASE DETAILS - F1000 (SERIAL NUMBERS ENDING IN S OR 023) (PLATE X-8)

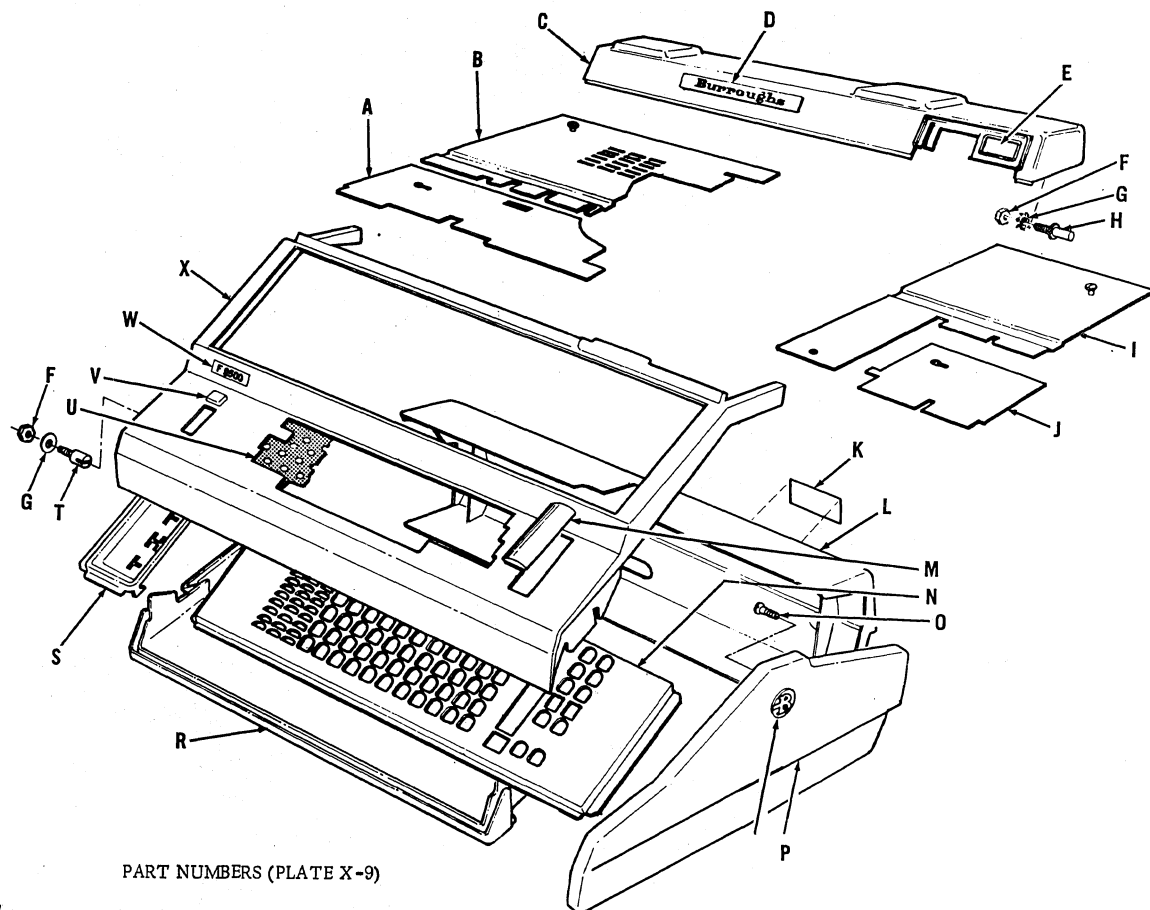


PART NUMBERS (PLATE X-8)

A	1326 0609	ribbon cover, use 1341 9114 spring, 1024 7906 washer, 1025 6154 screw		1200 9155	upper front case panel, for machines with red ribbon shift feature
B	1341 8983	rubber beading	O	1200 7993	lower front panel
C	1326 0617	ribbon cover, use 1341 9114 spring, 1024 7906 washer, 1025 6154 screw	P	1341 8967	rubber beading
D	1303 1893	screw, use 1300 1508 retainer	Q	1341 4958	for F1050
E	1325 0451	Dust cover		1341 4966	for F1100
	1200 9130	Dust cover for machines with red ribbon shift feature		1341 4974	for F1200
F	1203 9483	rear case panel		1341 4982	for F1300
G	1344 6125	screw		1341 4933	for F1400
✓H	1325 0444	dust cover, includes A, C, L, W, X		1341 4941	for F1500
I	1204 1802	turret	R	1027 1625	rubber sleeve
J	1206 0877	side panel, includes B, K, M	S	1034 8738	terminal
K	1341 4321	medallion, use 1256 5925 retainer	T	1338 8079	retainer
L	1341 4370	nameplate, use 1256 5925 retainer	U	1342 0013	indicator lamp assembly, includes R, S, T
M	1341 8975	rubber beading	V	1206 0893	side panel, includes B, K, M
N	1206 0901	upper front case panel	W	1341 8959	rubber strip
			X	1341 8991	aluminum strip

Base and Case

CASE DETAILS - F9000 (PLATE X-9)

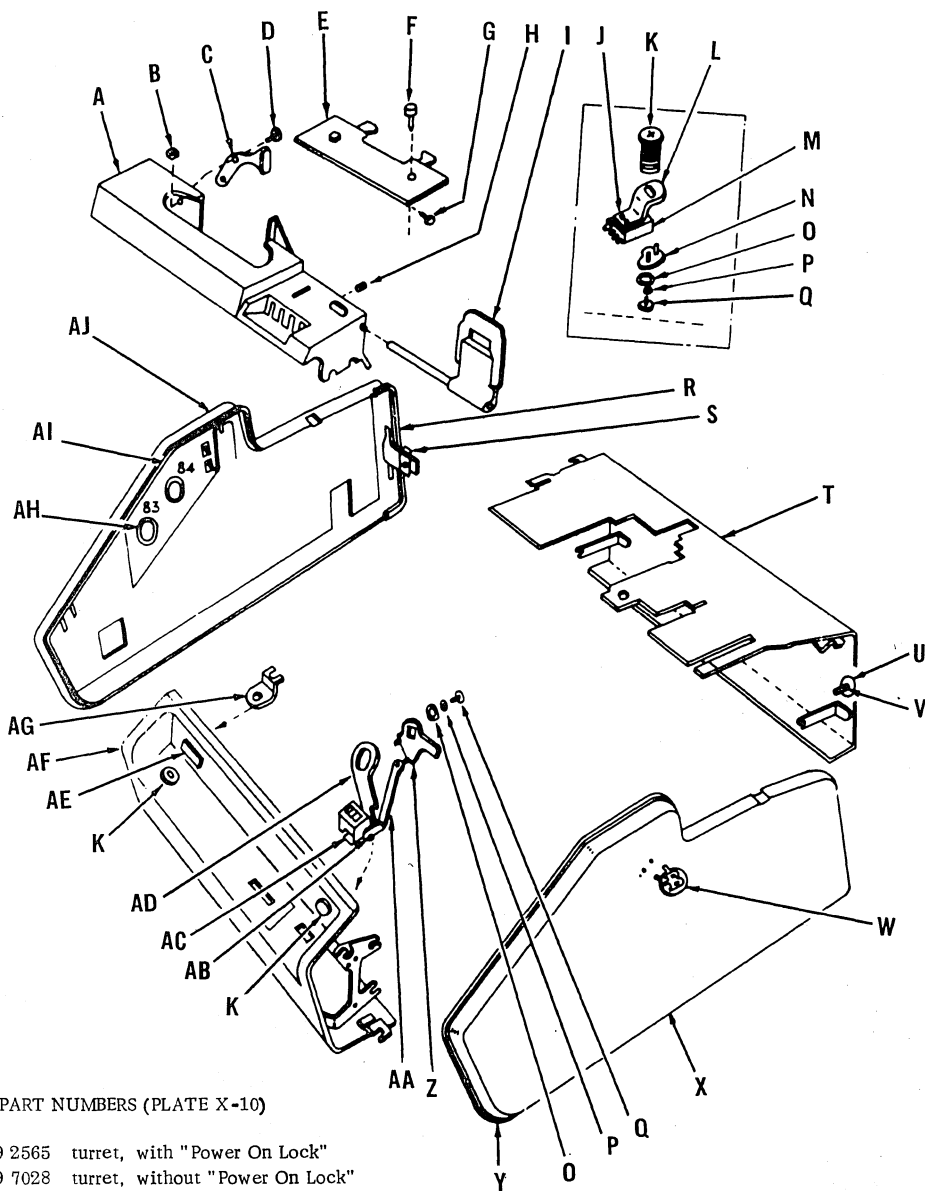


PART NUMBERS (PLATE X-9)

✓ A	1533 4717	dust cover		1528 0753	style F9431
B	1528 0332	dust cover		1528 0746	style F9433
✓ C	1528 3302	ribbon turret cover, includes D		1528 0795	style F9404
	1533 5946	ribbon turret cover with "carriage position indicator with counter dials", includes D, E		1528 0803	style F9423
✓ D	1533 4709	name plate, included in C	O	1528 0530	screw
		Use 1256 5925 speed nut	P	1528 0225	right case panel
✓ E	-- --	plastic window, included in C		1528 0308	left case panel
F	1024 4259	nut	Q	1026 8712	medallion, use 1256 5925 speed nut
G	1344 5622	lockwasher	R	1528 0316	drip pan
H	1528 3203	threaded stud	S	1528 4847	date dial wheel cover
I	1528 0324	dust cover	T	1528 0647	latch screw
J	1528 0290	dust cover	U	1504 8929	typewriter keyboard dust cover (polyurethane)
K	1523 9056	identification plate, specify volts, cycles, amps	V	1528 3187	plastic lens
			W	-- --	series plate
✓ L	1528 0282	rear case panel, except P & PA, use 1533 4709 name plate, 1256 5925 speed nut, 1528 0613 fastener, 1341 9163 pin		1528 4938	series F9000
	1533 2703	rear case panel, P & PA, use 1533 4709 name plate, 1256 5925 speed nut, 1528 0613 fastener, 1341 9163 pin		1528 4946	series F9100
				1528 4953	series F9200
				1528 4961	series F9300
				1528 4979	series F9400
				1528 3732	series F9500
				1528 4987	series F9700
✓ M	1528 7311	keyboard plug	✓ X	1528 4912	keyboard and front cover (shown) for P & PA
	1533 2406	keyboard window, P & PA		1533 5797	keyboard and front cover, without P & PA, except F9404
N	-- --	false keyboard		1533 5789	keyboard and front cover, F9404 and all styles with "Reverse Entry - Omitted" without P & PA
	1528 0738	styles F9101, F9201, F9706		1528 4904	keyboard and front cover with P & PA and with "Reverse Entry - Omitted"
	1528 0712	styles F9501, F9301			
	1528 0761	styles F9050, F9103, F9203, F9250, F9707			
	1528 0779	style F9211			
	1528 0720	styles F9303, F9503			

Base and Case

CASE DETAILS - WINDOW MACHINES (PLATE X-10)



PART NUMBERS (PLATE X-10)

A	1209 2565	turret, with "Power On Lock"			
	1209 7028	turret, without "Power On Lock"			
B	1010 0378	nut			
C	1200 6243	paper deflector, left			
	1200 6235	paper deflector, right			
D	1028 9445	screw			
E	1332 7382	ribbon cover			
F	1307 2855	thumbscrew			
G	1340 6327	setscrew			
H	1255 8078	setscrew			
I	1509 9609	window, "old balance"			
J	1256 9711	screw, use 1256 5180 nut			
K	-- --	lock, position 80A and 82B; 90 1/2 style 7 specify 1081F8 thru 1100 F8; use key 90 5/8 style 7 specify 1081F8 thru 1100F8	-- --		lock, position 83; 90 1/2 style 7 specify 1001F8 thru 1079F8; use key 90 5/8 style 7 specify 1001F8 thru 1079F8
	-- --	lock, position 84; 90 1/2 style 7 specify 1002F8 thru 1080F8; use key 90 5/8 style 7 specify 1002F8 thru 1080F8	-- --		lock, position 81B; 90 1/2 style 7 specify 1001F8 thru 1080F8; use key 90 5/8 style 7 specify 1001F8 thru 1080F8
L	1509 1507	bracket	M	1341 2036	switch, use 1326 5525 switch actuator
N	1209 2888	cam	O	1010 4545	washer
P	1256 7459	lockwasher	Q	1051 1129	screw
			included in K		

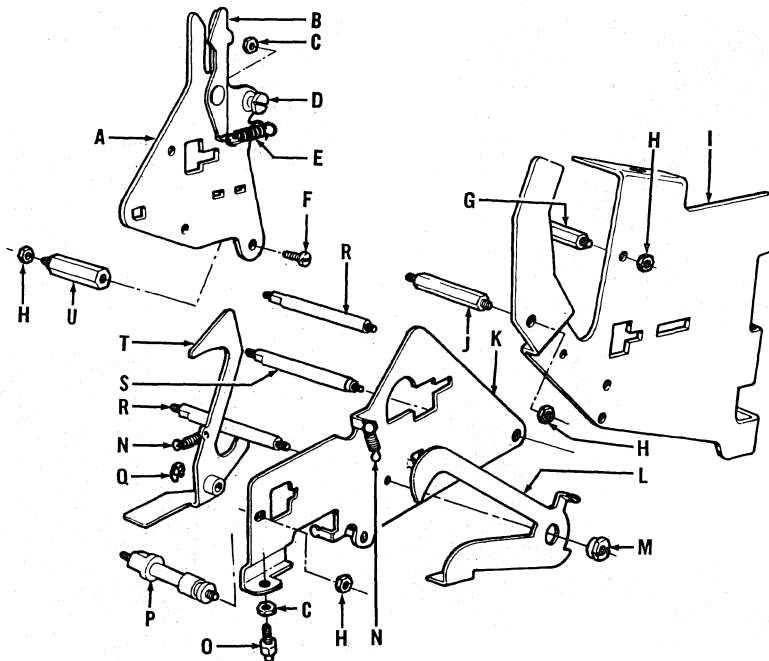
PART NUMBERS CONTINUED ON NEXT PAGE

Base and Case

PART NUMBERS (PLATE X-10) CONTINUED

R	1341 6672	beading	} included in X, AJ	AC	1509 9369	counter
S	1204 0160	speed nut		AD	1326 6093	bracket, use 1010 7142 screw
T	1209 1914	rear case panel, includes U, V				1010 0360 nut
U	1206 3715	screw retainer	} included in T	AE	1341 5054	series F6200
V	1206 2352	screw			1341 5070	series F6400
W	1341 4321	medallion, included in X, AJ, use 1256 5925 nut			1341 5088	series F6500
X	1201 2993	right case panel, includes R, S, W, Y			1341 5401	series F6700
Y	1341 6656	beading, included with X, AJ		AF	1209 3035	four counter dials
Z	1329 4996	cam, use 1010 0212 clip			1209 1294	one counter dial
AA	1330 2500	link			1209 5600	no counter dial
AB	1330 2518	pivot arm, use 1256 9703 screw 1010 0212 clip		AG	1329 5019	lock cam
				AH	1300 8297	rubber grommet
				AI	1341 6656	beading
				AJ	1202 3099	left case panel for teller locks, includes Q, U, Z
					1201 3009	left case panel without locks, includes Q, U, Z

CASE PANELS AND RIBBON TURRET LATCHES (PLATE X-11)



PART NUMBERS (PLATE X-11)

A	1528 0357	latch plate, includes B	✓ J	1528 0621	post, use 1528 7303 post, left side
	1528 0399	latch plate, left side, includes B	K	1528 0449	plate, right side
B	-- --	included in A		1528 0506	plate, left side
C	1024 4259	nut	L	1528 0514	latch, right side
D	1528 0381	shoulder screw		1528 0522	latch, left side
E	1303 2214	spring	M	1528 0548	nut
F	1256 1098	screw	N	1303 2214	spring
✓ G	1528 0571	post, use 1528 7303 post, left side	O	1528 3195	threaded stud
H	1010 0337	nut	P	1528 0555	shaft, use 1528 0662 shaft, left side
✓ I	1528 0464	plate, right side, F9000	Q	1255 3152	clip
	1528 0589	plate, left side, F9000	R	1528 0472	shaft, use 1528 0662 shaft, left side
	1528 7204	plate, right side, F8100, E4000, E8000, use 1528 7279 posts	S	1528 0563	shaft, use 1528 0597 shaft, left side
	1528 7261	plate, left side, F8100, E4000, E8000, use 1528 7303 post	T	1528 0480	latch, right side
				1528 0498	latch, left side
			U	1528 0423	post, use 1528 0431 post on left side