SERIES P
ADDING, BOOKEEPING, TELLERS, VALIDATING & RECEIPTING MACHINES

CARRIAGE

KEYBOARD

PRINTING

ACCUMULATION

SIDE FRAME

POWER

BASE AND CASE

Burroughs

FIELD ENGINEERING

PARTS CATALOG

PROPERTY OF AND TO BE RETURNED TO

Burroughs

Printed in U.S.America April 1970

Form 1037629

✓ 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.

SERIES P
ADDING, BOOKEEPING, TELLERS, VALIDATING & RECEIPTING MACHINES

SECTION
1

CARRIAGE

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FIELD ENGINEERING

PARTS CATALOG

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For Form 1037629

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Carriage

COMPLETE ASSEMBLED CARRIAGE CHART (Plate I-1) - Page 1

Specify machine number and style when ordering carriage.

3 7/8" CARRIAGES			
Description	**Code**	**Colour**	**Part Number**
For Classes 8-9-10, steel case with cupola over printing head	N	Grey	1046 2729
For Classes 8-9-10, steel case with clip on metal carriage cover	NA	Plated	1046 1697
For Series P1000 and P3000, plastic cover For Series P1000 and P3000; carriage fitted with snap-on rewind cover	NA NA-R	Plated Grey 212 (roll paper cover)	1215 8010 1224 9553
For Series P1000 and P3000; carriage fitted with snap-on rewind cover	NA-R	Green 616 (roll paper cover)	1224 9561
For Series P103 and P301, black ribbon For Series P2103 and P2301, black ribbon For Series P200, black and red ribbon For Series P2200, black and red ribbon	NA-2	Plated Plated Plated Plated	1046 1705 1215 1502 1046 3107 1215 1510
For Classes 8-9-10, Signature printer machine For Classes 8-9-10; rewind device; double ribbon; form chute R and L insertion; single or double wound 2 9/32" roll paper	NS R	Grey Grey Tan (140) Grey (222)	1046 1721 1644 4127 1215 0413 1216 5502
For Classes 8-9-10; rewind device; double ribbon; form chute on left; 5/6" form spacing; single or double wound 2 9/32" roll paper	RA	Grey Tan (140) Grey (222)	1046 2752 1215 0397 1216 5528
For Classes 8-9-10; rewind device; double ribbon; improved paper insertion; 5/6" form spacing; without form chute; single or double wound 3 7/16" roll paper	RB	Grey Tan (140) Grey (222)	1046 2737 1215 0355 1216 5544
For Classes 8-9-10; rewind device; single ribbon; form chute ½" printing line; single or double wound 3 7/16" roll paper	RC	Grey (215) Tan (140) Grey (222)	1046 1713 1215 0678 1216 5569
For Series P1000 and P3000; rewind device; single ribbon; form chute ½" printing line; single or double wound 3 7/16" roll paper	RC	Grey (212)	1216 0883
For Classes 8-9-10; rewind device; double ribbon; form chute R and L insertion; single or double wound 3 7/16" roll paper	RD	Grey Tan (140) Grey (222)	1046 2745 1215 0371 1216 5460
For Classes 8-9-10; rewind device; single ribbon; single wound 2 9/32" roll paper	RE	Grey	1046 2760
For Series P3200 and P3400; rewind device; single ribbon; single wound 2 9/32" roll paper	RE	Grey (203)	1216 1113
For Class 10 V and R machines; rewind device; form chute, left insertion; form supports 5/32" printing line; 3 7/16" double wound roll paper; single ribbon	RF	Grey Tan (140)	1046 2778 1215 0660
For Series P400; black and red ribbon; form spacing 1/6" to 5/6"	A-2	Plated	1029 4296
For Series P5000; black and red ribbon; form spacing 1/6" to 5/6"	A-2	Plated	1218 4859

Carriage

PART NUMBERS (Plate I-1) - Continued - Page 2

6" FRONT FEED CARRIAGES			
Description	**Code**	**Colour**	**Part Number**
For Class 8-9-10; rewind device; form chute with R and L insertion and ½' printing line; form limit selective with dial marked 1 through 18; double ribbon; non-space from OCK 6-0; double wound 3 7/16" paper roll	F	Grey Tan (140)	1053 3198 1215 0363
For Classes 8-9-10; form limit adjustable by thumb screw to provide printing line 3 3/8" to 7 3/8" from bottom of form; left hand form guide adjustable for front feed forms from 3 1/4" to 6" in width; single ribbon; 2 9/32" roll paper	FE	Grey	1052 7943

7 1/2" CARRIAGES			
Description	**Code**	**Colour**	**Part Number**
For Class 10 V and R machines; two position; rear feed; split platen 4" x 3 1/2"; rewind device with cover and latch on left; independent form spacing for R and L sections; single ribbon; 2 9/32" roll paper on right.	RG	Grey (215) Tan (140)	1640 5185 1215 0819
For Style 1010385 machines	RG	Tan (140)	1216 9629

12 1/4" CARRIAGES			
Description	**Code**	**Colour**	**Part Number**
Tabulating carriage; platen split 9 7/8" x 2 3/8"; variable form spacer or left; 0", 1/6" and 1/3" space adjustment for left; carriage controlled form spacing for right; roll paper holder on right travels with carriage	S		
For Classes 8-9-10		Grey	1046 1739
For Series P1000		Grey	1216 0941
Tabulating carriage; platen split 9 7/8" x 2 3/4"; variable form spacer on left; 0", 1/6" and 1/3" space adjustment for left; carriage controlled spacing for left and right; roll paper holder on right travels with carriage; key controlled form spacing mechanism, non-tabulates and spaces both sections simultaneously	SA		
For Classes 8-9-10 only with OCK 4-0 to non-tabulate and space (steel case)		Grey	1046 1747
For Styles 913112 and 913114 (steel case)		Grey	1226 6326
For Styles 910104 and 910108 (restyled in plastic case)		Grey	1216 0875
For Style 913108 (steel case)		Grey	1216 7854

Carriage

PART NUMBERS (Plate I-1) - Continued - Page 3

12 1/4" CARRIAGES (Continued)			
Description	**Code**	**Colour**	**Part Number**
Tabulating carriage; variable form spacer on right; 0",1/6" and 1/3" space adjustment	T		
For Classes 8-9-10 (steel case)			
For Series P1000 (plastic case)			
Tabulating carriage; variable form spacer on right; 0",1/6" and 1/3" space adjustment; key controlled form spacing mechanism (non-tabulates)	TA	Grey	1046 1754
		Grey	1216 0925
For Classes 8-9-10 only with OCK4-0 to non-tabulate and form space (steel case)		Grey	1046 1762
For Styles 913112 and 913114 (steel case)		Grey	1226 6334
For Style 910108 (restyled in plastic case)		Grey	1216 0842
For Style 913108 (steel case)		Grey	1215 3417
Manually tabulated carriage; variable form spacer on right; 0",1/6" and 1/3" space adjustment	W		
For Classes 8-9-10 (steel case)		Grey 203	1046 1788
For Series P1000 (plastic case)		Grey 224	1215 8028
For Classes 8-10 cash machines (steel case)		Grey (222)	1216 5585
Manually tabulated carriage; carriage release lever on right; paper release lever on left, with latch; 0",1/6" and 1/3" space ajustment variable form spacer on right; roll paper holder travels with carriage; removal back and ribbon cover	W2		
For Series P103 and P301, black ribbon		Beige (125)	1643 9945
For Series P205 thru P208, black and red ribbon		Beige (125)	1046 1796
For Series P2103 and P2301, black ribbon		Grey (222)	1215 1528
For Series P2205 thru P2208, black and red ribbon		Grey (222)	1215 1536
Shuttle carriage; variable form spacer on right; rear feed	W2-S		
For Series P110, black ribbon		Beige (125)	1227 8735
For Series P210, black and red ribbon		Beige (125)	1227 8743
For Series P310, black ribbon		Beige (125)	1225 8158
For Series P2110, black ribbon		Grey (222)	1216 0792
For Series P2210, black and red ribbon		Grey (222)	1216 0800
For Series P2310, black ribbon		Grey (222)	1216 0818
Tabulating Carriage; platen split in middle; right section of platen rotates freely; left hand form spacing, 0'',1/6" and 1/3", carriage controlled; form shield with transparent insets; roll paper on left travels with carriage	X		
For Classes 8-9-10		Grey	1046 1804
For Series P1000		Grey	1216 0909
Tabulating carriage; similar to X but with controls for enforced subtotal operations carriage controlled	XA		
For Classes 8-9-10		Grey	1046 1804
For Series P1000		Grey	1216 0909

Carriage

PART NUMBERS (Plate I-1) - Continued - Page 4

12 1/4" CARRIAGE (Continued)			
Description	Code	Colour	Part Number
Tabulating carriage; similar to X but with controls for enforced subtotal operations carriage controlled	XA		
For Classes 8-9-10		Grey	1226 6342
Tabulating carriage; similar to XA but with extra carriage control for enforced use of OCK 5-0 and 7-0	XC		
For Classes 8-9-10		Grey	1226 6359
Tabulating carriage; platen split in middle; 0",1/6" and 1/3" space adjustment for right and left; variable form spacers right and left; roll paper holder on right travels with carriage	Y		
For Classes 8-9-10		Grey	1222 9365
For Series P1000		Grey	1216 0933
Tabulating carriage; platen split in middle; 0",1/6" and 1/3" space adjustment for right and left; variable form spacers right and left key controlled form spacing mechanism, non-tabulates and spaces right section of platen only; roll paper holder on right travels with carriage	YA		
For Classes 8-9-10, OCK 4-0 to space, non-tab.		Grey	1226 6375
For Class 9 (13 col.), OCK 4-0 to space, non-tab.		Grey	1226 6383
Tabulating carriage with two position tab. control lever; 0",1/6" and 1/3" space adjustment; variable form spacer on right; carriage controlled form spacing, 1/6" only; roll paper holder travels with carriage; removable one piece ribbon cover	B		
For Series P400, black and red ribbon		Grey	1029 4304
For Series P5000, black and red ribbon		Blue/Grey	1218 4867
Tabulating carriage basically as above; platen split 9 7/8" x 2 3/8"	B		
For Series P400, black and red ribbon		Grey	1226 6466
For Series P5000, black and red ribbon		Blue/Grey	1219 1664
Shuttle carriage with black and red ribbon	B(S)		
For Series P410 and P420		Grey	1215 6139
For Series P460		Grey	1215 7715
For Series P5525-10 and P5528-10		Blue/Grey	1218 5161
For Series P5328-10		Blue/Grey	1218 5153
For Series P5525-10½ A.B.C. and P5528-10½ A.B.C.		Blue/Grey	1224 4182

Carriage

PART NUMBERS (Plate I-1) - Continued - Page 5

15" CARRIAGES FOR SERIES P600

C2 - Front Feed, C3 - Passbook, Front Feed, D2 - Rear Feed

Part Number			
Tabulating carriage; automatic opening; without space and return motor bars	C2	Grey	1029 4312
Tabulating carriage; automatic opening; with space and return motor bars	C2	Grey	1029 4320
Tabulating carriage; platen split 11" x 3¾"; automatic opening; without space and return motor bars	C2	Grey	1226 6474
Tabulating carriage; platen split 11" x 3¾"; automatic opening; with space and return motor bar	C2	Grey	1062 1399
Tabulating carriage; platen split 7½" x 7½"; automatic opening; without space and return motor bars	C2	Grey	1062 1415
Tabulating carriage; platen split 7½" x 7½"; automatic opening with space and return motor bars	C2	Grey	1062 1365
Tabulating passbook carriage; automatic opening; optional 7/8" printing line	C3	Grey	1062 1019
Tabulating carriage; without space and return motor bars	D2	Grey	1029 4338
Tabulating carriage; with space and return motor bars	D2	Grey	1062 1381
Tabulating carriage; platen split 11" x 3¾"; without space and return motor bars	D2	Grey	1029 4346
Tabulating carriage; platen split 11" x 3¾"; with space and return motor bars	D2	Grey	1062 1407
Tabulating carriage; platen split 7½" x 7½"; without space and return motor bars	D2	Grey	1226 6482
Tabulating carriage: platen split 7½ x 7½"	D2	Grey	1062 1373

15" CARRIAGES FOR SERIES P5000, P5000P, P9000 AND P9000P

C2 - Front Feed, C3 - Passbook, Front Feed, D2 - Rear Feed
Colour Ref :- BLUE 711 for carriage end covers, rear carriage cover and roll paper holders;
GREY 227 for other painted fitments such as journal and ledger guides.

Description	Code	Series	Part Number
Tabulating carriage; automatic opening; without space and return motor bars	C2	P9000 P9000P	1218 5260 1219 8255
Tabulating carriage; automatic opening; with space and return motor bars	C2	P9000 P9000P	1218 5278 1219 8230
Tabulating carriage; platen split 11" x 3¾"; automatic opening; without space and return motor bars	C2	P9000 P9000P	1218 5484 1219 8289

Carriage

PART NUMBERS (Plate I-1) - Continued - Page 6

15" CARRIAGES FOR SERIES P5000, P5000P, P9000 AND P9000P (Continued)			
Description	**Code**	**Series**	**Part Number**
Tabulating carriage; platen split 11" x 3¾"; automatic opening; with space and return motor bars	C2	P9000 P9000P	1218 5492 1219 8297
Tabulating carriage; platen split 7½" x 7½"; automatic opening; without space and return motor bars	C2	P9000 P9000P	1218 5526 1219 8321
Tabulating carriage; platen split 7½" x 7½"; automatic opening; with space and return motor bars	C2	P9000 P9000P	1218 5534 1219 8339
Tabulating passbook carriage; automatic opening; optional 7/8" printing line	C3	P9000 P9000P	1218 5450 1219 8263
Tabulating carriage; without space and return motor bars	D2	P5000 P5000P	1218 5468 1219 8248
Tabulating carriage; with space and return motor bars	D2	P5000 P5000P	1218 5476 1219 8271
Tabulating carriage; platen split 11" x 3¾"; without space and return motor bars	D2	P5000 P5000P	1218 5500 1219 8305
Tabulating carriage; platen split 11" x 3¾"; with space and return motor bars	D2	P5000 P5000P	1218 5518 1219 8313
Tabulating carriage; platen split 7½" x 7½"; without space and return motor bars	D2	P5000 P5000P	1218 5542 1219 8347
Tabulating carriage; platen split 7½ x 7½"; with space and return motor bars	D2	P5000 P5000P	1218 5559 1219 8354

20" CARRIAGES FOR SERIES P600			
C2 - Front Feed			
Description	**Code**	**Colour**	**Part Number**
Tabulating carriage; automatic opening; without space and return motor bars	C2	Grey	1216 0008
Tabulating carriage; automatic opening; with space and return motor bars	C2	Grey	1216 0016
Tabulating carriage; platen split 16" x 3¾"; automatic opening; without space and return motor bars	C2	Grey	1216 0024
Tabulating carriage; platen split 16" x 3¾"; automatic opening; with space and return motor bars	C2	Grey	1216 0032
Tabulating carriage; platen split 9¾" x 9¾"; automatic opening; without space and return motor bars	C2	Grey	1216 0040
Tabulating carriage; platen split 9¾" x 9¾"; automatic opening; with space and return motor bars	C2	Grey	1216 0057

PART NUMBERS (Plate I-1) - Continued - Page 7

20" CARRIAGES FOR SERIES P9000 AND P9000P

C2 - Front Feed

Colour Ref. :- BLUE 711 for carriage end covers, rear carriage cover and roll paper holders;

GREY 227 for other painted fitments, such as journal and ledger guides.

Description	Code	Series	Part Number
Tabulating carriage; automatic opening; without space and return motor bars	C2	P9000 P9000P	1218 5567 1223 5362
Tabulating carriage; automatic opening; with space and return motor bars	C2	P9000 P9000P	1218 5575 1223 5370
Tabulating carriage; platen split 16" x 3¾"; automatic opening; without space and return motor bars	C2	P9000 P9000P	1218 5583 1223 5388
Tabulating carriage; platen split 16" x 3¾"; automatic opening; with space and return motor bars	C2	P9000 P9000P	1218 5591 1223 5396
Tabulating carriage; platen split 9.9" x 9.9"; automatic opening; without space and return motor bars	C2	P9000 P9000P	1218 5609 1223 5404
Tabulating carriage; platen split 9.9" x 9.9"; automatic opening with space and return motor bars	C2	P9000 P9000P	1218 5617 1223 5412
Tabulating carriage; platen split 14" x 6"; automatic opening; with space and return motor bars	C2	P9000	1224 3903

Carriage

CARRIAGE BASE PLATES (Plate I-2)

BASE PLATES FOR 3 7/8" CARRIAGES			
For Series P400, black and red ribbon	A-2	Plated	1033 2062 use 1020 3784 ribbon spool, 1020 3792 ribbon spool, 1020 3842(4) friction plate
For Series P5000, black and red ribbon	A-2	Plated	1028 6425
For Classes 8-9-10	N	Grey	1039 5101
For Classes 8-9-10	NA	Plated	1039 4708
For Series P1000	NA	Plated	1216 2756
For Series P1000, low cost rewind device	NA-R	Plated	1216 2756
For Series P103 and P301, black ribbon	NA-2	Plated	1039 4716
For Series P2103 and P2301, black ribbon	NA-2	Plated	1039 4716
For Series P200, black and red ribbon	NA-2	Plated	1062 5770
For Series P2200, black and red ribbon	NA-2	Plated	1220 5050
For Classes 8-9-10, signature printer	NS	Grey	1033 2005
For Classes 8-9-10	R	Grey	1039 4641
For Classes 8-9-10	R	Tan(140)	1215 0074
For Classes 8-9-10	R	Grey(222)	1216 6476
For Classes 8-9-10	RA	Grey	1039 4641
For Classes 8-9-10	RA	Tan(140)	1215 0074
For Classes 8-9-10	RA	Grey(222)	1216 6476
For Classes 8-9-10	RB	Grey(203)	1039 4641
For Classes 8-9-10	RB	Tan(140)	1215 0074
For Classes 8-9-10	RB	Grey(222)	1216 6476
For Classes 8-9-10	RC	Grey(203)	1039 5101
For Classes 8-9-10	RC	Tan(140)	1215 0389
For Classes 8-9-10	RC	Grey(222)	1216 6369
For Series P1000	RC	Plated	1216 1162
For Classes 8-9-10	RD	Grey(203)	1039 4641
For Classes 8-9-10	RD	Tan(140)	1215 0074
For Classes 8-9-10	RD	Grey(222)	1216 6476
For Classes 8-9-10	RE	Grey(203)	1039 5101
For Series P3200 and P3400	RE	Plated	1216 1162
For Classes 8-9-10	RF	Grey(203)	1062 0904
For Classes 8-9-10	RF	Tan(140)	1215 0892

BASE PLATES FOR 6" CARRIAGES			
Description	**Code**	**Colour**	**Part Number**
For Classes 8-9-10	F	Grey	1039 4989
For Classes 8-9-10	F	Tan(140)	1215 0280
For Classes 8-9-10	FE	Grey	1039 4872

Carriage

PART NUMBERS (Plate I-2) - Continued

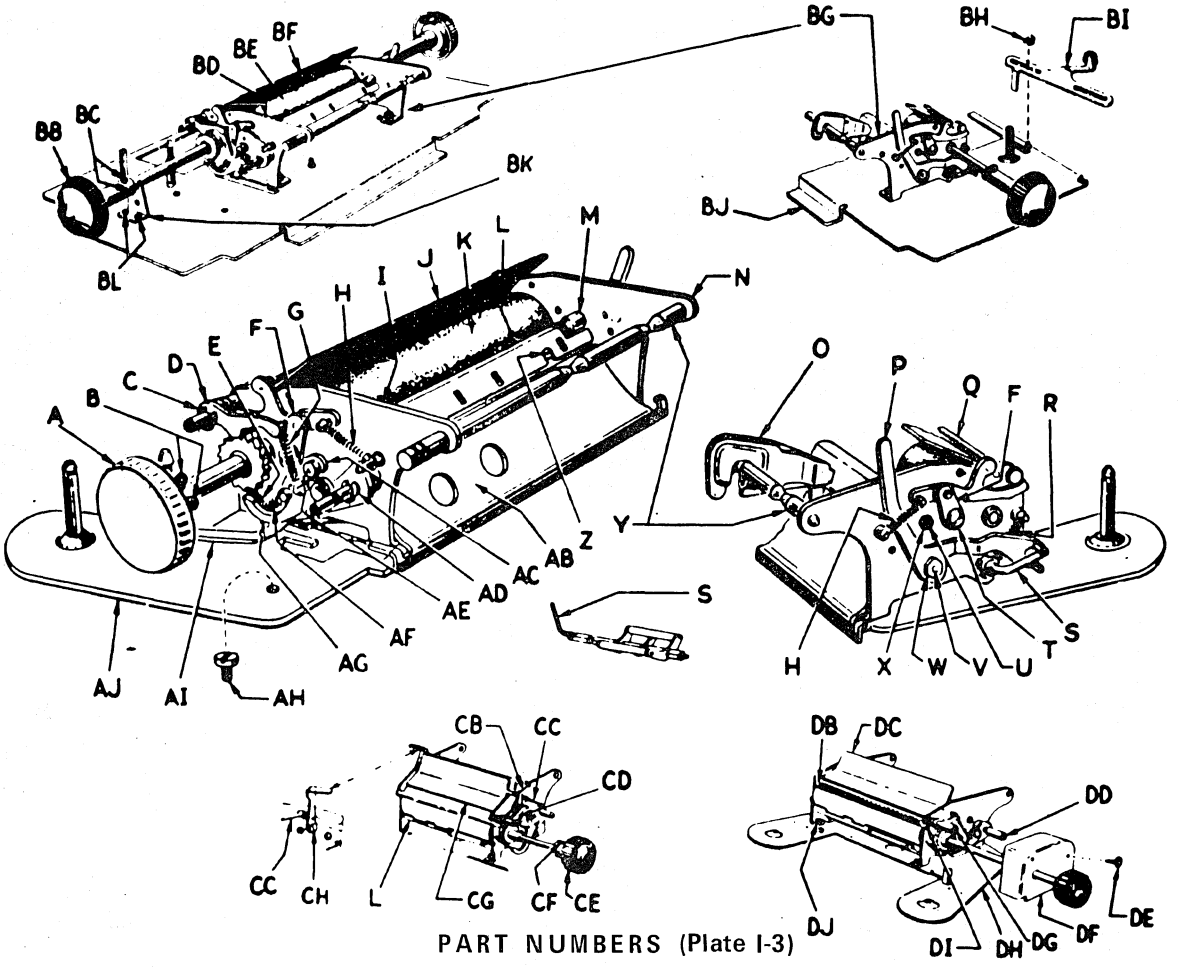
BASE PLATE FOR TWO POSITION 7½" CARRIAGE			
Description	**Code**	**Colour**	**Part Number**
Class 10 - Three register	RG	Plated	1039 5002

✓BASE PLATES FOR 12¼" CARRIAGES			
Description	**Code**	**Colour**	**Part Number**
For Classes 8-9-10	S, SA, T, TA.	Plated	1039 5044
For Styles 913112 and 913114 (13 col. book-keepers)	SA, TA	Plated	1039 5044
For Series P1000 and Style 910108 (plastic case version)	S, SA, T, TA	Plated	1216 1212
For Style 913108	SA, TA	Plated	1215 3425
For Classes 8-9-10	W	Plated	1046 1671
For Series P1000	W	Plated	1215 7608
For Series P100 and P300 black ribbon	W2	Plated	1039 5069
For Series P200 with early style black and red ribbon mechanism	W2	Plated	1039 5069
For Series P200 with improved black and red ribbon mechanism	W2	Plated	1062 6620
For Series P2100 and P2300, black ribbon	W2	Plated	1216 1303
For Series P2200, black and red ribbon	W2	Plated	1220 5084
For Series P110, P2110, P310 and P2310, shuttle carriage black ribbon	W2(s)	Plated	1220 5142
For Series P210, shuttle carriage, black and red ribbon	W2(s)	Plated	1221 4649
For Series P2210, shuttle carriage, black and red ribbon	W2(s)	Plated	1220 5118
For Series P400, black and red ribbon, machines equipped with improved style tabulating stop block mechanism	B	Plated	1033 2070
For Series P400, equipped with early style tabulating stop block mechanism	Use 1033 2070 base plate 1020 6662 flexible limit bail, 1020 8783 bracket, 1020 8791 shaft, 1010 4982 washers (2) and 1010 0212 clips (2).		
For Series P5000, black and red ribbon	B	Plated	1218 5062
For Series P410, P420, P460 shuttle carriage	B(s)	Plated	1215 5271
For Series P5525-10, P5528-10, P5328-10 shuttle carriage	B(s)	Plated	1218 5096

✓ BASE PLATES FOR 15" AND 20" CARRIAGES			
Description	**Code**	**Colour**	**Part Number**
For Series P600	C2, D2	Plated	1033 1999
For Series P5000 and P9000	C2, D2	Plated	1218 4768
For Series P600 with carriage controlled selection of 'A' and 'B' positions of OCL 60 (Reg. sel. lever)	C2, D2	Plated	1215 8366

Carriage

CARRIAGE 3 7/8" (Plate I-3)



PART NUMBERS (Plate I-3)

Note : See Plate I-1 for chart of complete assembled carriages

A	**1013 0763**	platen twirler, beige
B	**1010 5898**	screw
C	**1010 0220**	clip
D	**1012 8254**	platen detent, requires 1017 5214 collar
	1040 1586	platen detent, for 5/6" space mechanism
	1012 8262	non-turn back detent for rewind carriages
E	**1027 2755**	spring
F	**1012 6894**	link
G	**1013 3148**	spring
H	**1027 2755**	spring
I	- - - - - -	side frame, right
	1216 1915	plated for N, NA and NA-R carriages
	1012 5425	plated for NA-2 carriage
	1012 5284	grey 203, for NS carriage
	1012 5284	grey 203, for R,RA,RB,RC,RD,RE and RF carriages
	1216 1741	grey 203, for RE carriage for P3200 and P3400 cash machines
	1215 0330	tan 140, for R,RA,RC,RD and RF carriage

Carriage

PART NUMBERS (Plate I-3) - Continued

1216 6450 grey 222, for RA,RB,RC and RD carriages
1016 4580 plated A-2 carriages

J See CG for writing tables

K Platen assembly, includes right hand side frame
1021 2943 for N carriage, 1/6" space
1039 1944 for NA carriage, 1/6" space, Classes 8-9-10
1216 1899 for NA carriage 1/6" space, Series P1000
1223 5792 for NA carriage, 1/4" space for Series P1000
1012 2802 for NA-2, Series P100,P200,P300
1012 2877 for NA-2, Series P2000
1020 2869 for NS carriage
1012 2810 for R,RA,RB,RC,RD,RE and RF carriages, with side frame, right, (grey 203)
1215 0322 for R,RA,RB, RC,RD and RF carriages, with side frame, right (tan 140)
1216 6435 for R,RA,RB,RC and RD carriages, with side frame, right (grey 222)
1016 3889 for A-2 Series P400
1218 4594 for A-2 Series P5000

Platen assembly (without side frame)
1039 1852 for NA carriage, 1/6" space, Classes 8-9-10
1012 2851 for NA carriage, 1/4" space, Classes 8-9-10
1039 2785 for rewind carriages, and 5/6" spacing
1046 2703 for 3 7/8" carriages without rewind device, with 5/6" spacing
1039 2652 for 3 7/8" carriages, 1/4" space, with rewind device

L Platen trough
1012 3891 plated, for A-2,N,R,RA,RB,RC,RD,RE and RF carriages
1012 3875 plated, for NA and NA-2 carriages

M **1013 0920** grooved collar

N Carriage side frame, left
1012 5292 plated, for N and NA carriages
1020 4097 grey 203, for R,RA,RB,RC,RD,RE,RF and NS carriages
1215 0348 tan 140, for R,RA,RB,RC,RD,RE and RF carriages
1216 6674 grey 222, for R,RA,RB,RC,RD,RE and RF carriages
1016 4531 plated, for NA-2 and A-2 carriages

O Roll paper guide
1016 4739 for N,NA,NA-2,A-2 carriages

P **1012 5847** pressure roll release lever

Q Tear off blade
1012 6985 for N and NA carriages
1012 6993 for R,RA,RB,RC,RD,RE and NS carriages
1016 5090 for NA-2 and A-2 carriages (plastic)

R **1027 2847** spring

S See Plate I-70 Pressure Roll Chart

T **1010 5153** screw

U **1012 3271** shaft

V **1010 5377** screw

W **1013 7610** nut

X **1010 0386** nut

Y Roll paper shaft
1012 3248 for N,NA,NA-2 and A-2 carriages
1012 3263 for R,RA,RB,RC,RD,RE,RF and NS carriages

Z **1010 5708** screw

AB **1012 4006** plated auxiliary shield

AC Adjustable limit for feed pawl
1012 4873 for 1/6" space
1012 4881 for 1/4" space

AD **1010 0220** clip

AE **1010 0360** nut

AF **1013 3130** spring

AG See Plate I-70, Feed Pawl Chart

AH **1013 1753** screw

AI Ribbon feed arm
1012 4808 for N,NA,NA-2,RC,RE and RF carriage
1012 4766 for R,RA,RB and RD carriages
1016 4200 and 1016 4184 for A-2 carriage

AJ See Plate I-2, Base Plate Chart

BB **1016 6668** twirler, brown 100, includes BC

BC **1301 9542** screw

BD **1016 4580** plated sideframe right for A-2 carriage

BE Platen and side frame assembly for A-2 carriage
1016 3889 for Series P400
1218 4594 for Series P5000

BF See CG for writing tables

BG **1016 4531** plated side frame for A-2 carriage

BH Use 1019 5337 long clip in place of small clips 1010 0212

BI **1016 0687** lever

BJ See Plate I-2, Base Plate Chart

BK **1016 4960** bracket

BL **1047 7537** screw, use 1067 1824 lockwasher, 1010 0386 nut

CB **1028 8629** spring

CC **1026 9777** spring

CD **1010 5153** screw

CE Twirler, dimension indicates length of hub
1040 5223 beige (5/16")
1013 0748 beige (11/16")
1013 0755 beige (1")

Part Numbers Continued On Next Page

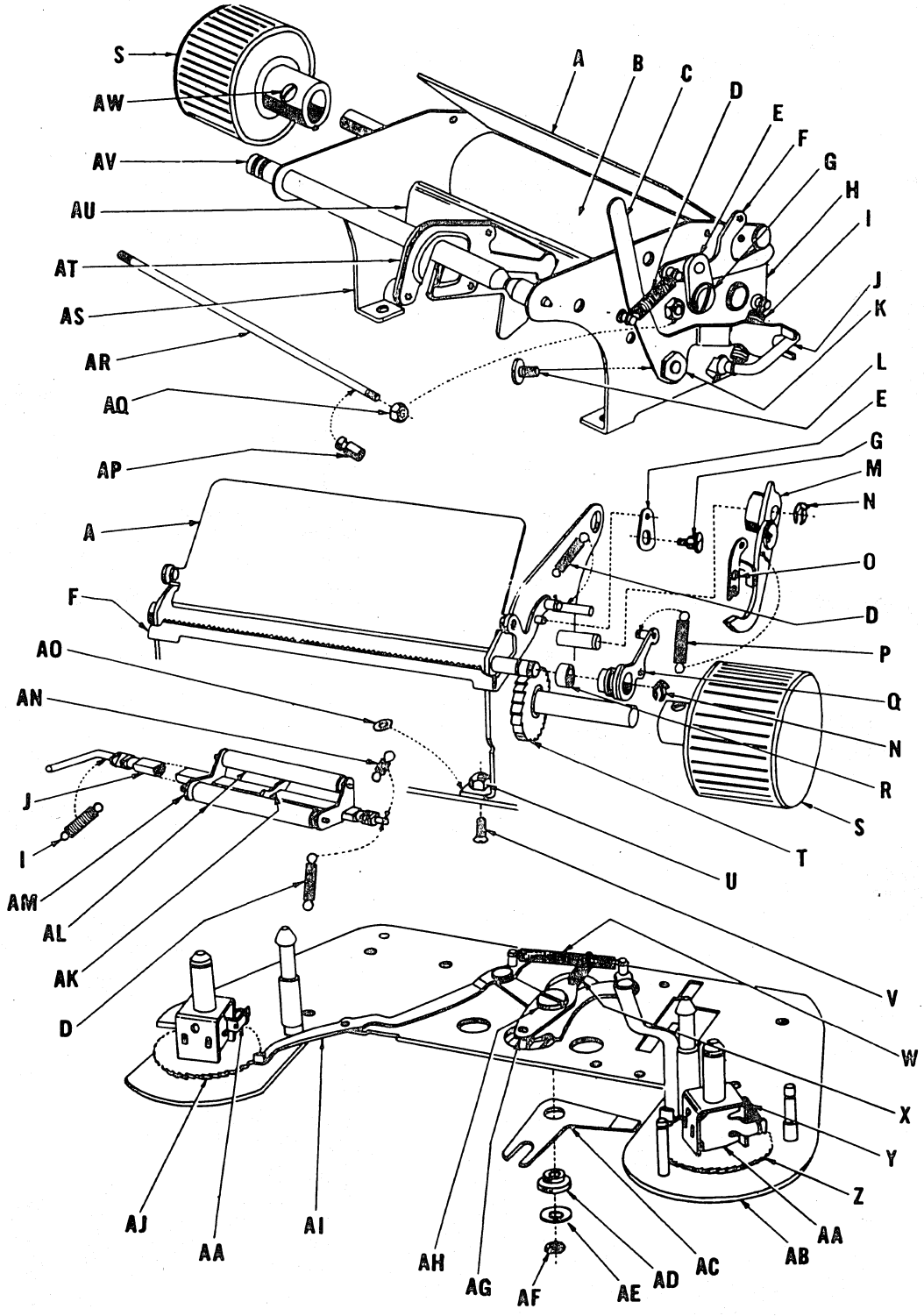
Carriage

PART NUMBERS (Plate I-3) - Continued

CF **1010 5898** screw
CG Writing Table
1012 3941 beige 125, for N,NA,NA-2 (Series P100, P200, P300) and A-2 (Series P400)
1215 3912 grey 224, for NA (Series P1000) and NA-2 (Series P2000)
1224 5668 grey 227, for A-2 (Series P5000)
CH **1010 5153** screw
DB See Q for tear off blades
DC See CG for writing tables
DD **1040 5413** spacer
DE **1010 5393** screw
DF Feed pawl cover
1012 6290 grey 203, for N and RF carriages
1020 4022 grey 203, for NS carriage
1012 6258 grey 203, for RA and RB carriages
1012 6274 grey 203, for R,RC,RD and RE carriages
1215 0579 tan 140, for RA and RB carriages
1215 0595 tan 140, for R,RC,RD and RE carriages
1215 0587 tan 140, for RF carriage
1216 6559 grey 222, for R,RC and RD carriages
1216 6716 grey 222, for RA and RB carriages
DG **1040 5405** spacer
DH See Plate I-2 for carriage base plates
DI **1028 8868** screw, regular
1040 6544 screw, for 3 7/8" carriages, with double ribbon and ticket chute
1040 6551 screw, for 3 7/8" carriages with double ribbon, ticket chute and single or double spacing
DJ **1010 0360** nut, use 1010 4719 screw and 1010 4974 washer

Carriage

CARRIAGE NA (3 7/8") — SERIES P1000 MACHINES (Plate I-4)



Part Numbers On Next Page

Carriage

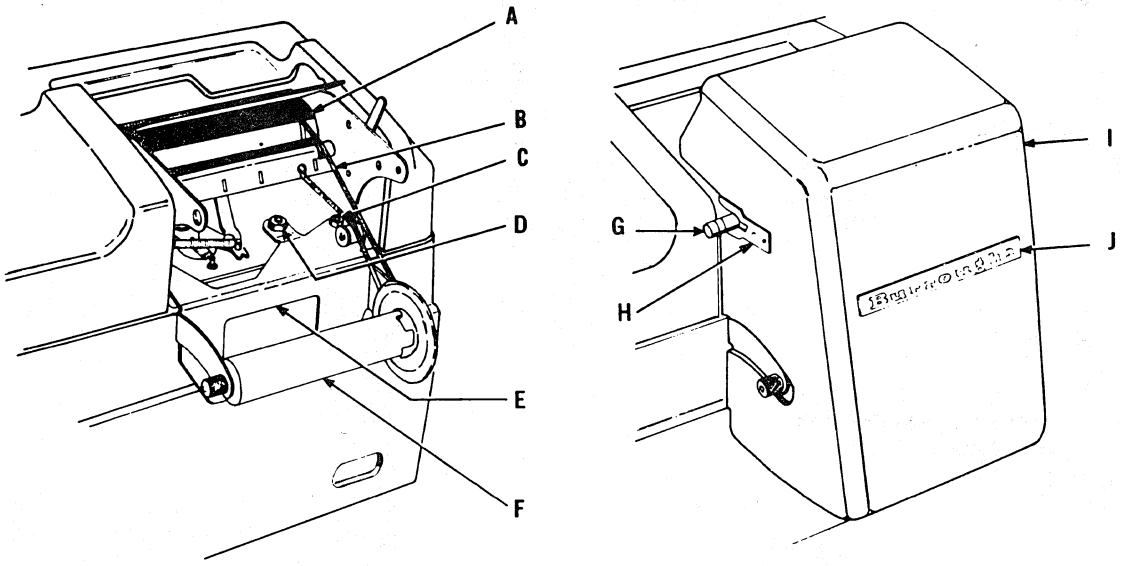
PART NUMBERS (Plate I-4)

See Plate I-1 for complete assembled Carriages

A **1215 3912** writing table, grey 224
See CG, Plate I-3 for other styles
B Platen assembly, consists of platen, shaft, feed wheel, pin and side frame, right
1216 1899 for 1/6" space
1223 5792 for 1/4" space
C **1012 5847** pressure roll release lever
D **1027 2755** spring
E **1012 6894** retainer
F **1012 6985** tear off blade
G **1010 5153** shoulder screw
H **1012 5292** side frame, left
I **1027 2847** spring
J **1012 3297** pressure roll release lever
K **1013 7610** shoulder nut
L **1010 5377** screw
M **1012 4527** feed pawl
N **1010 0220** clip
O Adjustable limit for feed pawl
1012 4873 for 1/6" space
1012 4881 for 1/4" space
P **1013 3148** spring
Q **1012 8254** platen detent
R **1220 6967** spacer
S **1215 7566** twirler, grey 225, includes AW
T Feed wheel, part of B
1342 8453 roll pin
U **1010 0360** nut
V **1010 4719** screw
W **1026 9355** spring
X **1028 7787** spring
Y **1028 7787** spring
Z **1012 4634** ribbon feed wheel, right
AA **1012 5532** friction plate
AB **1216 2756** base plate
1013 1621 ribbon spool post
1218 7209 ribbon guide post
AC **1012 4584** ribbon feed lever
AD **1010 5740** shouldered spacer
AE **1256 7715** lockwasher
AF **1010 0378** nut
AG **1012 4733** ribbon reverse detent
AH **1013 1720** shoulder screw
AI **1012 4808** ribbon feed arm
AJ **1012 4618** ribbon feed wheel, left
AK **1012 5540** support
AL **1012 3321** pressure roll
AM **1012 4428** pressure roll hanger
AN **1013 3130** spring
AO **1010 4974** washer, used between foot of side frame (front only) and base plate to improve print alignment
AP **1013 0920** grooved roller
AQ **1010 0386** nut
AR **1012 3271** tie shaft
AS **1216 1915** side frame, right
AT **1016 4739** roll paper guide
AU **1012 3891** platen trough
AV **1012 3248** roll paper shaft
AW **1010 5898** set screw

Carriage

REWIND DEVICE FOR NA CARRIAGE (3 7/8")—SERIES P1000 (Plate I-5)



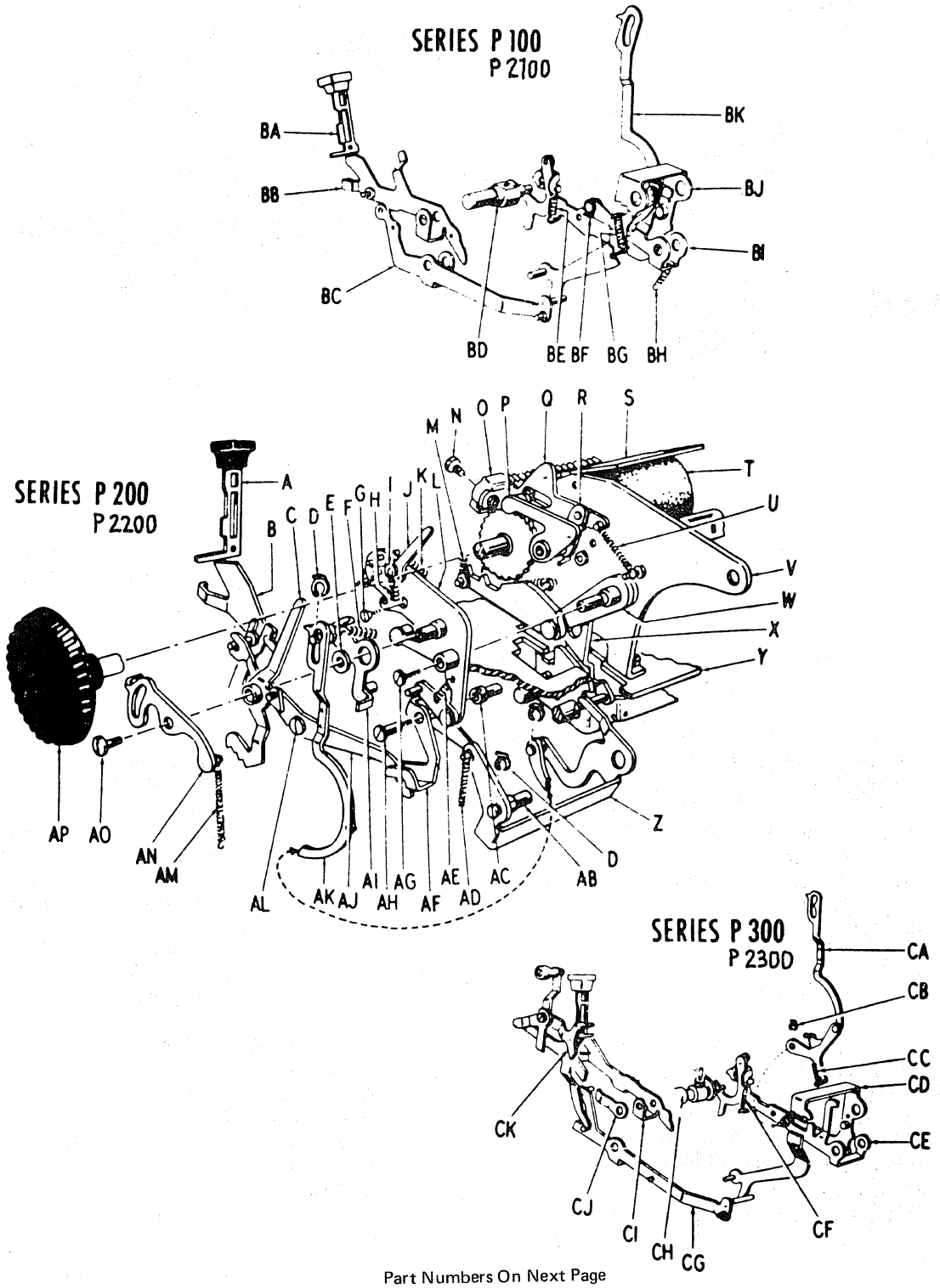
PART NUMBERS (Plate I-5)

For assembled carriage NA, complete with rewind device as shown, plus snap on plastic rewind cover, see Plate I-4.

A **1219 6192** platen assembly includes side frame, right
B **1013 3171** rewind spring
C **1010 0360** nut
1010 4719 screw
D **1010 0402** nut
1013 1753 screw
E **1216 1188** rewind bracket
F **1218 9882** rewind spool, plastic
G **1012 3248** roll paper shaft, use 1016 4739 roll paper guide
H **1020 8809** clip, use 1010 8892 rivets for right hand clip; use 1010 9031 rivets and 1061 4766 spacers for left hand clip
I Rewind cover, includes H and J
1219 8198 grey 212, plastic
1218 3372 green 616, plastic
J **1026 8753** medallion, cemented in position

Carriage

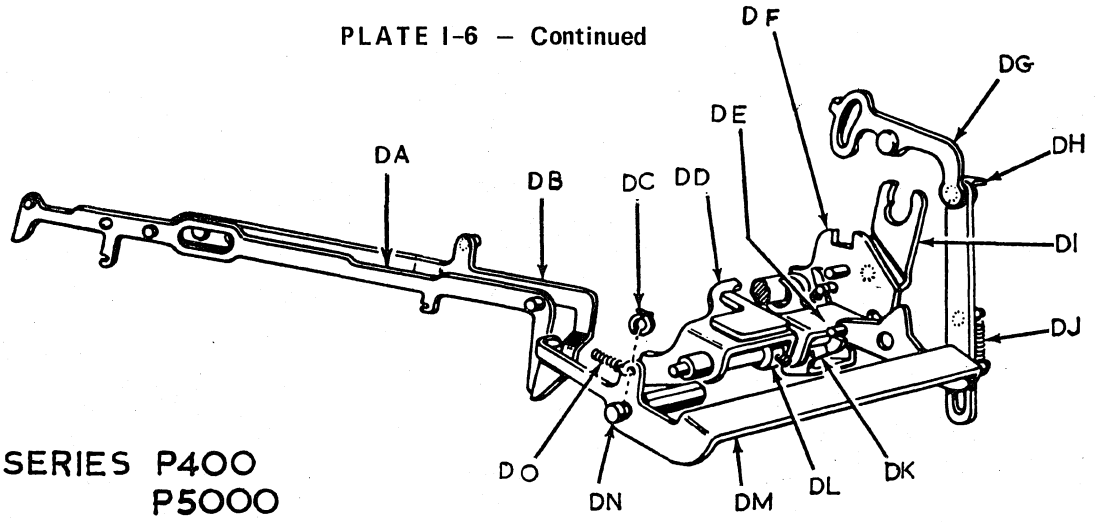
CARRIAGE 3 7/8": ADJUSTABLE 1/6" TO 5/6" SPACING. NA-2 FOR SERIES P100, P200, P300 AND SERIES P2000. A-2 FOR SERIES P400 AND P5000 (Plate I-6)



Part Numbers On Next Page

Carriage

PLATE I-6 — Continued



PART NUMBERS (Plate I-6)

Note : For complete assembled NA-2 and A-2 carriages, see Plate I-1.

A	---- ----	for keystems, see Plate II-9
B	1015 2833	indexing arm
C	---- ----	space control lever
	1016 5736	with hub
	1044 8207	without hub, early
D	1010 0220	clip
✓E	1010 4545	washer, hole diam. 0.19"
	1010 4982	washer, hole diam. 0.13"
F	1027 1989	spring
G	1010 7258	screw
H	1018 0594	spring
I	1010 0154	clip
J	1016 5801	lever
K	1027 2755	spring
L	---- ----	auxiliary side frame
	1016 4705	part shown, early part for use with C without hub no longer available
M	1013 3163	spring
N	1010 8983	screw
✓O	---- ----	plastic tear off blade
	1044 7852	early, length 5 1/32"
	1016 5090	late, length 5 5/32"
P	1016 5488	platen detent
✓Q	---- ----	support arms for ref. O
	1044 8124	right, for shorter part O
	1016 5371	right, for longer part O
	1044 8090	left, for shorter part O
	1016 5363	left, for longer part O
R	1012 6894	retainer
✓S	---- ----	writing table NA-2 carriage
	1012 3941	beige, for P100, P200, P300 die cast case and base
	1215 3912	grey 224, for P2000, die cast case and base
	1219 8701	grey 222, for P2000, plastic case, plastic base
	---- ----	writing table A-2 carriage
	1012 3941	beige, for P400, die cast case and base
	1224 5668	grey 227, for P5000, plastic case, plastic base
✓T	---- ----	for platen detail, see Plate I-69
U	1027 7135	spring
✓V	---- ----	for side frames, see Plate I-69
W	1020 5417	feed pawl
X	1014 6504	feed arm
Y	---- ----	for base plates, see Plate I-2
Z	1012 6183	bail
AB	1017 6691	post
AC	1015 3708	post

Part Numbers continued on next page

For Library Binder "12"

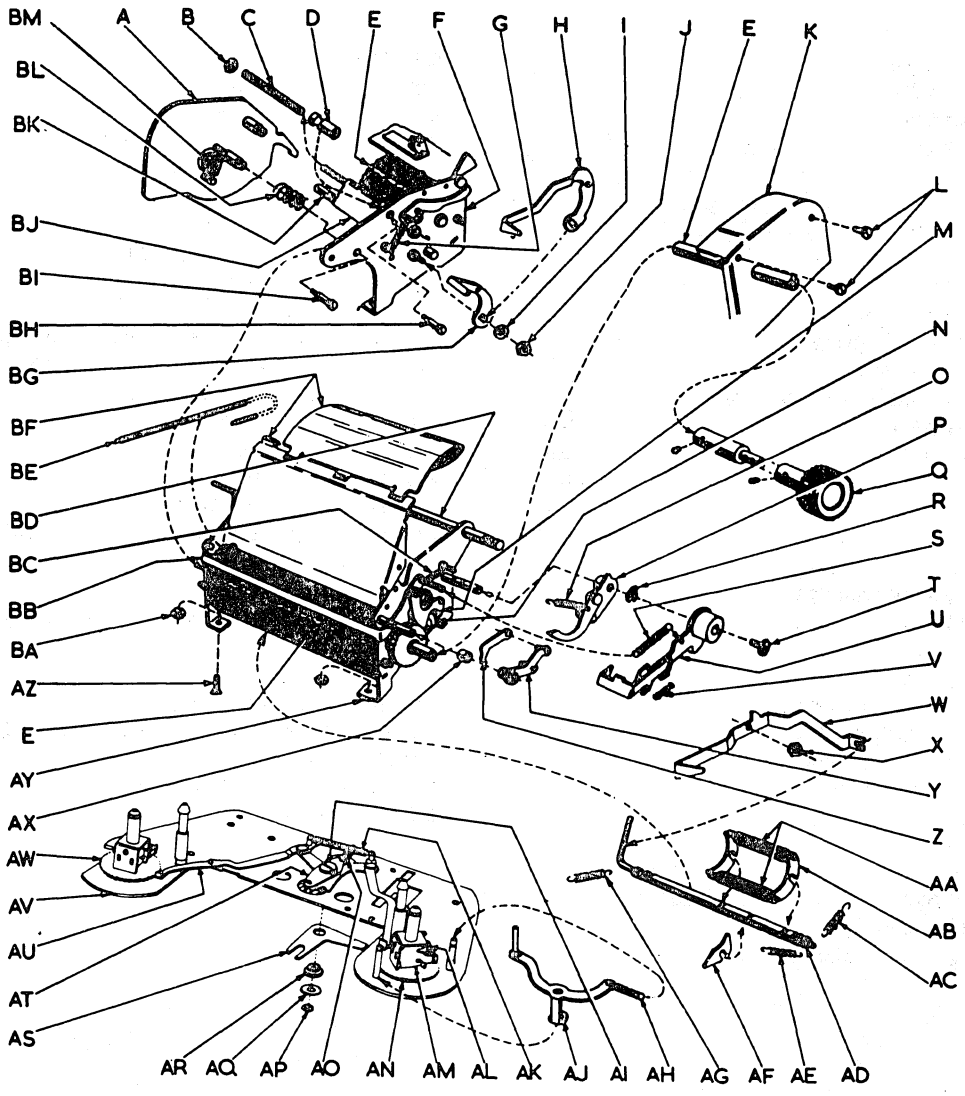
Carriage

PART NUMBERS (Plate I-6) - Continued

AD	**1023 7592**	spring
AE	**1034 6955**	spring
AF	**1012 6076**	spacing control arm
AG	**1010 5393**	screw
AH	**1017 2161**	shoulder screw
AI	**---- ----**	spacing control arm
	1012 8742	for NA-2 carriage
	1016 5827	for A-2 carriage
AJ	**1012 6217**	control arm
AK	**1012 6142**	link
AL	**1017 2211**	screw
AM	**1014 6298**	spring
AN	**---- ----**	camming arm
	1016 5454	part shown. Early arm no longer available.
AO	**1010 4248**	screw, shown
	1044 2796	screw for early AN and C. Bush for early C no longer available.
✓AP	**---- ----**	twirler for NA-2 carriage
	1013 0680	beige, for P100, P200, P300, die cast case and base
	1221 4904	grey 225, for P2000, die cast case and base
	1218 4578	grey 225, for P2000, plastic case, plastic base
	1018 0883	clip for twirler
	---- ----	twirler for A-2 carriage
	1016 6668	brown, for series P400, die cast case and base
	1218 4578	grey 225, for P5000, plastic case plastic base
BA	**---- ----**	for keystems, see Plate II-9
BB	**1013 4260**	indexing arm
BC	**1013 5234**	actuating arm
BD	**1014 7726**	shaft
BE	**1026 9728**	spring
BF	**1010 0220**	clip
BG	**1027 3050**	spring
BH	**1027 1989**	spring
BI	**1012 6209**	bail
BJ	**1012 6126**	spacing control bail, for other styles see Plate I-71
BK	**1012 6167**	indexing link
CA	**1012 6167**	indexing arm
CB	**1010 0220**	clip
CC	**1027 3050**	spring
CD	**1012 6126**	spacing control bail, for other styles see Plate I-71
CE	**1012 6209**	bail
CF	**1026 9728**	spring
CG	**1013 5168**	actuating arm
CH	**1014 7734**	shaft
CI	**1013 4286**	indexing arm
CJ	**1013 6695**	aux. symbol indexing arm
✓CK	**---- ----**	for OCL levers, see Plate V-63
DA	**1019 8380**	non-add slide
DB	**1019 8042**	total slide
DC	**1010 0238**	clip
DD	**1015 8202**	actuating arm
DE	**1023 3237**	booster arm
DF	**1015 8137**	hammer latch pivot shaft
DG	**1016 5454**	camming arm
DH	**1010 0220**	clip
DI	**1014 6512**	carriage feed arm, use 1026 7060 clip
DJ	**1027 6426**	spring
DK	**1016 5421**	actuating arm
DL	**1014 7510**	set collar, use 1010 9643 screw
DM	**1016 5439**	bail
DN	**1017 6675**	hexagon post
DO	**1026 9454**	spring

Carriage

RC (3 7/8") CARRIAGE - BASE PLATE AND PAPER FEED MECHANISM (Plate I-7)



PART NUMBERS (Plate I-7)

See Plate I-1 for Complete assembled Carriages

Part Numbers Continued On Next Page

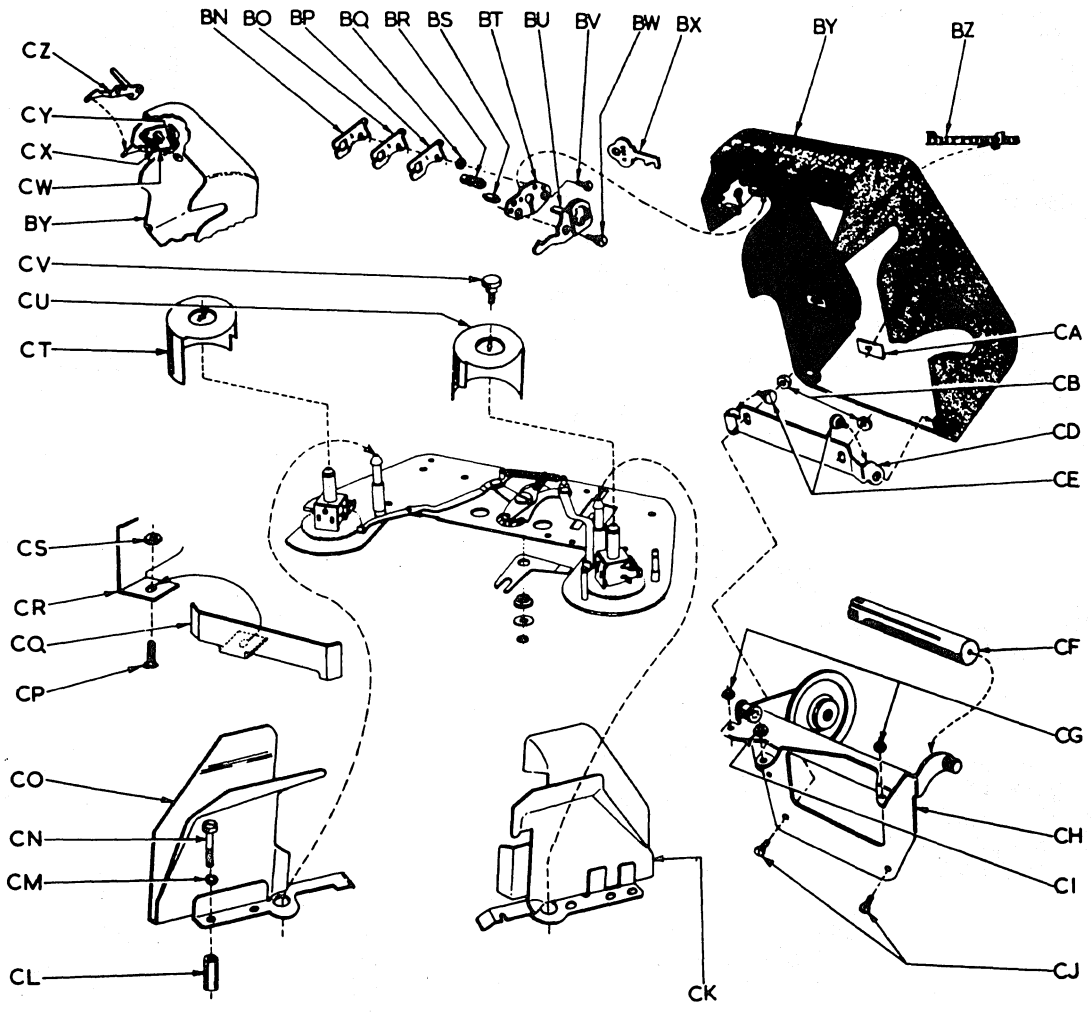
Carriage

PART NUMBERS (Plate I-7) - Continued

A **1012 7785** roll paper guide
B **1010 0386** nut
C **1012 3271** tie shaft
D **1013 0920** grooved roller for BE
E Platen assembly
1012 2810 includes right side frame, grey 203
1216 6435 includes right side frame, grey 222
1215 0322 includes right side frame, tan 140
F Side frame, left
1020 4097 grey 203
1216 1311 grey 203, for Series P1000, P3000
1216 6674 grey 222
1215 0348 tan 140
G **1027 2755** spring
H **1216 1147** lever for tear off blade, carriage 1216 0883
I **1010 5575** washer
J **1010 0360** nut
K Cover for feed pawl
1012 6274 grey 203
1216 6559 grey 222
1215 0595 tan 140
L **1010 5393** screw
M part of BK
N **1012 4873** adjustable limit
O **1013 3148** spring
P **1012 4527** feed pawl assembly
Q Platen twirler, includes set screw
1013 0755 beige, length of hub 1"
1216 6039 grey 225, length of hub 1"
1216 5379 grey 225, length of hub 5/16"
1010 5898 set screw only
R **1010 0220** clip
S **1013 3387** spring
T **1010 5393** screw
U **1012 4477** pressure roll release arm
V **1027 6202** spring
W **1216 1154** lever for manual release of pressure rolls
X **1013 7610** shoulder nut, requires 1010 5377 screw
Y **1012 8254** platen detent
Z **1012 8262** non-turn back pawl
AA **1012 3321** pressure roll
AB **1012 4428** pressure roll hanger
AC **1013 3130** spring
AD Pressure roll shaft
1012 3289
1012 3297 for Series P1000, P3000
AE **1027 2755** spring
AF **1012 5540** support
AG **1027 2847** spring
AH **1014 7650** spring
AI **1013 1720** shoulder
AJ **1020 8171** ribbon tensioning lever, use 1255 3129 clip
AK **1026 9355** spring
AL **1028 7787** spring
AM **1012 5532** friction plate
AN **1012 4634** ribbon feed wheel, right
AO **1028 7787** spring
AP **1010 0378** nut
AQ **1256 7715** lockwasher
AR **1028 7787** shouldered bush
AS **1012 4584** ribbon feed lever
AT **1012 4733** ribbon reverse detent
AU **1012 4808** ribbon feed arm
AV See Plate I-2 for carriage base plate chart
AW **1012 4618** ribbon feed wheel, left
AX **1017 5214** spacer
AY Side frame, left
1012 5284 grey 203
1216 6450 grey 222
1215 0330 tan 140
AZ **1010 4719** screw
BA **1010 0360** nut
BB **1012 6993** tear off blade
BC **1027 2755** spring
BE **1013 3171** rewind spring
BF **1012 7801** roll paper guard
1012 8494 writing table
BG **1012 6902** lever for tear off blade
BH **1023 8590** screw
BI **1010 7928** shoulder screw
BJ **1012 3891** platen trough
BK **1012 3750** shaft, includes M
BL **1013 3338** compression spring
BM **1026 9744** spring

Carriage

RC (3 7/8") CARRIAGE - FORM CHUTE AND REWIND MECHANISM (Plate I-8)



PART NUMBERS (Plate I-8)

See Plate I-7 for complete assembled carriages

Note : The standard option for RC carriages is "Rewind Cover With Manual Latch". The optional feature "Rewind Cover With Lock and Keys" is also detailed for convenience.

BN **1012 7272** lock tumbler, stamped "3"
BO **1012 7264** lock tumbler, stamped "2"
BP **1012 7256** lock tumbler stamped "1"
See Plate VII-13, Base and Case Section for other styles and combinations
BQ **1010 4552** washer
BR **1013 2181** lock cylinder
BS **1013 2199** spacer
BT **1012 7215** lock plate, use 1010 4222 rivets
BU **1012 7454** latch
BV **1010 7811** shoulder screw
BX **1046 2802** key, stamped "R123"

Part Numbers Continued On Next Page

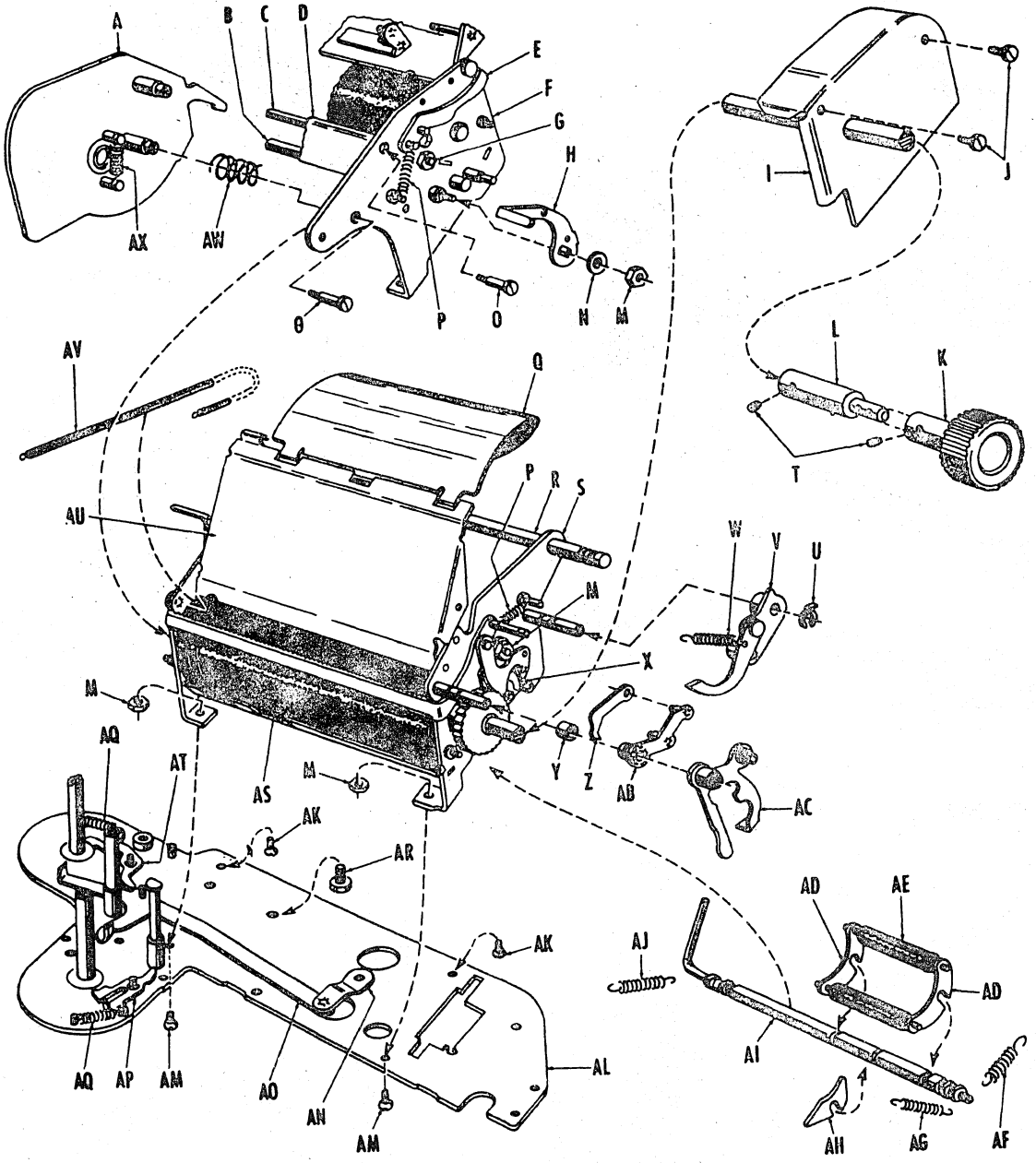
Carriage

PART NUMBER (Plate I-8) - Continued

BY Rewind cover with manual latch
1046 1820 steel, grey 215
1216 6864 steel, grey 222
1215 1825 steel, tan 140
1216 1246 plastic, grey 212
Rewind cover with lock and keys
1046 2786 steel, grey 215
1216 6658 steel, grey 222
1215 1817 steel, tan 140
1216 1196 plastic, grey 212
See Plate I-20 for other styles
BZ **1026 8753** medallion, held by clips CA on steel rewind covers; cemented in position on plastic rewind covers
CA **1017 6535** speed nut
CB **1010 0360** nut
CD **1012 7249** bracket for steel rewind cover
1216 5387 bracket for plastic rewind cover
CE **1011 0039** screw for steel cover
1017 1692 screw for plastic cover
CF **1218 9882** plastic rewind cylinder
CG **1010 0360** nut
CH **1012 8445** rewind bracket for steel cover
1216 1188 rewind bracket for plastic cover
CI **1010 0402** nut
CJ **1010 4719** screw
CK Form chute, right
1012 6449 grey 203
1216 6823 grey 222
1215 0637 tan 140
CL **1013 1019** spacer, 4 required
CM **1025 7442** lockwasher
CN **1035 1963** screw, 4 required
CO Form Chute, left
1012 6373 grey 203
1216 6807 grey 222
1215 0629 tan 140
CP **1010 4719** screw
CQ Form guide
1012 6548 grey 203
1216 6849 grey 222
1215 0736 tan 140
CR Side frames, left
1020 4097 grey 203
1216 1311 grey 203, for Series P1000 and P3000
1216 6674 grey 222
1215 0348 tan 140
CS **1010 0360** nut
CT Ribbon cover, left
1012 5557 grey 203
1216 6765 grey 222
1215 0553 tan 140
CU Ribbon cover, right
1012 5565 grey 203
1216 6781 grey 222
1215 0561 tan 140
CV **1010 5468** finger screw
CW **1035 2136** spring
CX **1010 5989** screw
CY **1013 2876** screw
CZ **1012 7462** latch

Carriage

NSCARRIAGE (3 7/8") - SIGNATURE PRINTER MACHINE - BASE PLATE AND PAPER FEED MECHANISM (Plate I-9)



Part Numbers On Next Page

Carriage

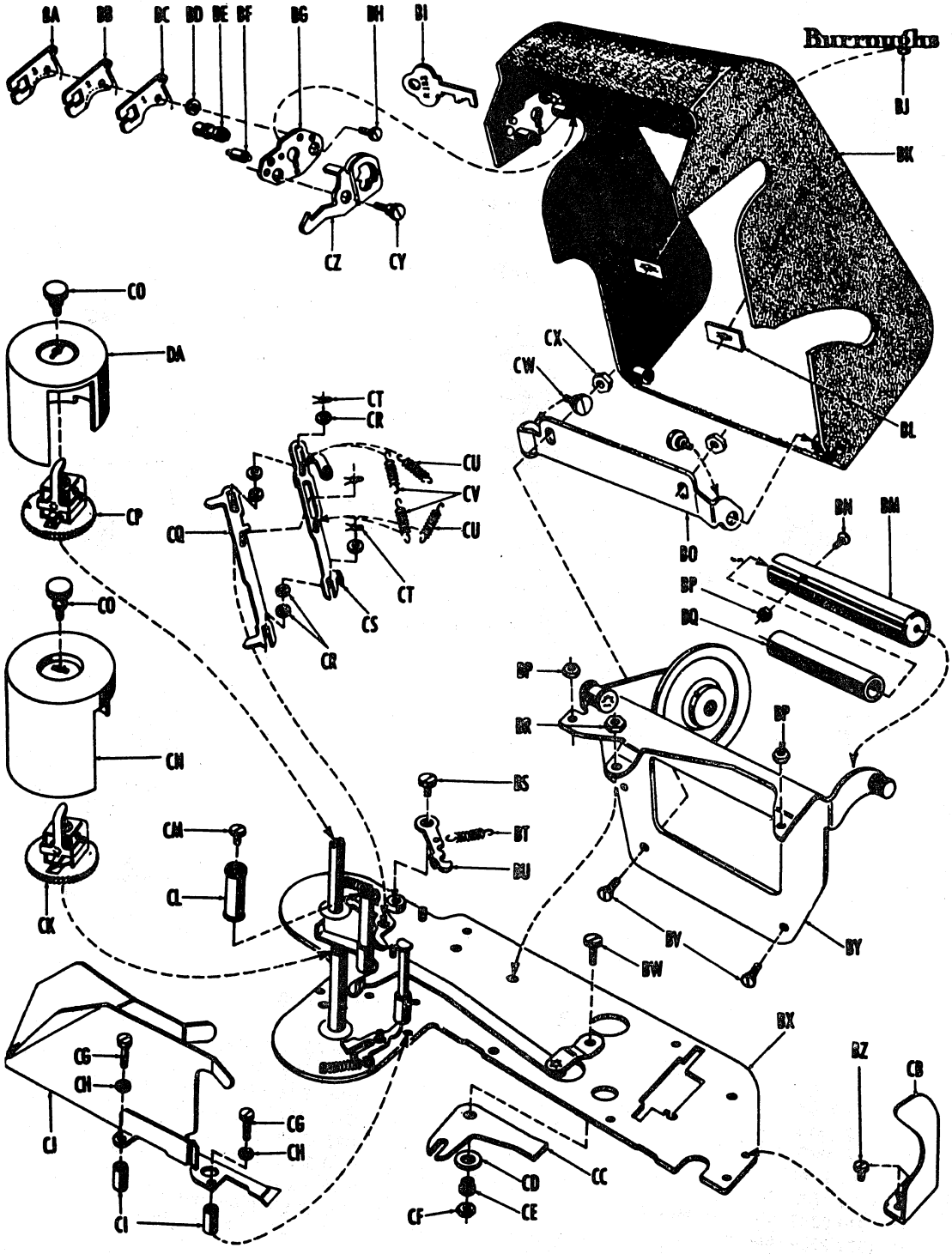
PART NUMBERS (Plate I-9)

See Plate I-1 for other carriages
See Printing Section for part numbers and detail of printing unit

A	1012 7785	paper guide
B	1012 3750	shaft
C	1012 3271	shaft
D	1012 3891	paper guide
E	1012 6993	tear off blade
F	1039 6265	side,frame, left, grey 203
G	1010 0378	nut
H	1012 6902	lever
I	1020 4022	feed pawl cover
J	1010 5393	screw
K	1013 0748	twirler
L	1013 0664	platen shaft extension
M	1010 0360	nut
N	1010 5575	washer
O	1010 7928	shoulder screw
P	1027 2755	spring
Q	1012 7801	roll paper guard
R	1012 3263	roll paper shaft
S	1012 5284	side frame, right, grey 203
T	1010 5898	screw
U	1010 0220	clip
V	1012 4527	feed pawl
		See Plate I-68 for other styles
W	1013 3148	spring
X	1012 4873	adjustable limit
Y	1017 5214	collar
Z	1012 8262	non turn back pawl
AB	1012 8254	platen detent
AC	1012 8775	non space shutter
AD	1012 4428	pressure roll hanger
AE	1012 3321	pressure roll
AF	1013 3130	spring
AG	1027 2755	spring
AH	1012 5540	pressure roll guide
AI	1020 3289	pressure roll release shaft
AJ	1027 2847	spring
AK	1010 4693	screw
AL	1033 2005	carriage base plate
		See Plate I-2 for other styles
AM	1010 4719	screw
AN	1020 7637	link
AO	1020 7769	ribbon feed arm
		See Printing Section for other styles
AP	1020 7900	latch
AQ	1035 1518	spring
AR	1013 1753	screw
AS	1020 2869	platen assembly
AT	1020 7892	latch
AU	1012 8494	writing table
AV	1013 3171	spring
AW	1013 3338	compression spring
AX	1026 9744	spring

Carriage

NS CARRIAGE (3 7/8") - SIGNATURE PRINTING MACHINE - FORM CHUTE AND REWIND MECHANISM (Plate I-10)



Part Numbers On Next Page

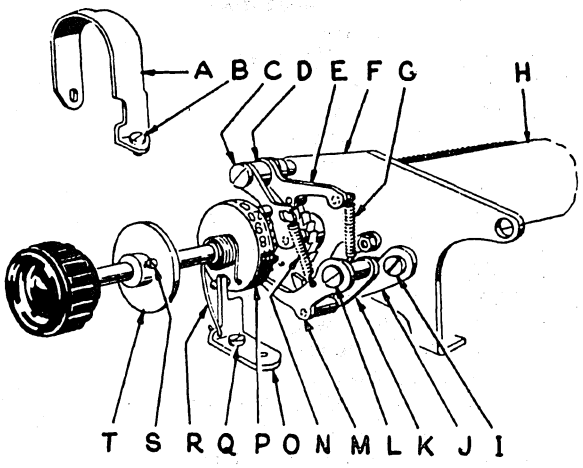
Carriage

PART NUMBERS (Plate I-10)

BA **1012 7272** lock tumbler stamped "3"
BB **1012 7264** lock tumbler stamped "2"
BP **1012 7256** lock tumbler stamped "1"
See Plate VII-13, Base and Case Section for other styles and combinations
BD **1010 4552** washer
BE **1013 2181** lock cylinder
BF **1013 2199** spacer
BG **1012 7215** lock plate
BH **1010 9619** screw
BI **1046 2802** key, stamped R123
See Plate VIII-13, Base and Case Section for other styles and combinations
BJ **1026 8753** medallion
BK **1012 7330** cover only, Grey 215
1046 2786 complete cover and lock, Grey 215
BL **1017 6535** speed nut
BM **1218 9882** plastic rewind cylinder
BN **1010 4719** screw, use 1256 7442 lockwasher
BO **1012 7249** bracket
BP **1010 0360** nut
BQ See BM for rewind spool, metal insert cylinder no longer used
BR **1010 0402** nut
BS **1017 1288** screw
BT **1026 9868** spring
BU **1020 7884** detent
BV **1010 4719** screw
BW **1010 5211** shoulder screw
BX **1033 2005** carriage base plate
See Plate I-2 for other styles
BY **1012 8445** bracket
BZ **1025 7871** screw
CB **1020 7926** plate
CC **1012 4584** ribbon feed lever
CD **1026 9330** washer
CE **1023 7394** shoulder spacer
CF **1010 0360** nut
CG **1010 3380** screw
CH **1256 7442** lockwasher
CI **1010 9734** spacer
CJ **1020 7397** form chute, left
See Plate I-73 for other styles
CK **1020 3750** ribbon feed wheel
CL **1020 4857** roller
CM **1010 4248** screw
CN Ribbon cover, Grey 203
1020 3891 shown, with rotary
1020 3875 without rotary
See Printing Section for other styles
CO **1010 5468** finger screw
CP **1020 3776** ribbon feed wheel
CQ **1020 7652** ribbon reverse link
CR **1029 4809** washer
CS **1020 7629** ribbon reverse link
CT **1026 7078** wire clip
CU **1027 6418** spring
CV **1027 1732** spring
CW **1011 0039** shoulder screw
CX **1010 0360** nut
CY **1010 7811** shoulder screw
CZ **1040 0059** latch
DA **1020 3859** ribbon cover, Grey 203

Carriage

ITEM COUNTER AND PLATEN SHAFT (Plate I-11)

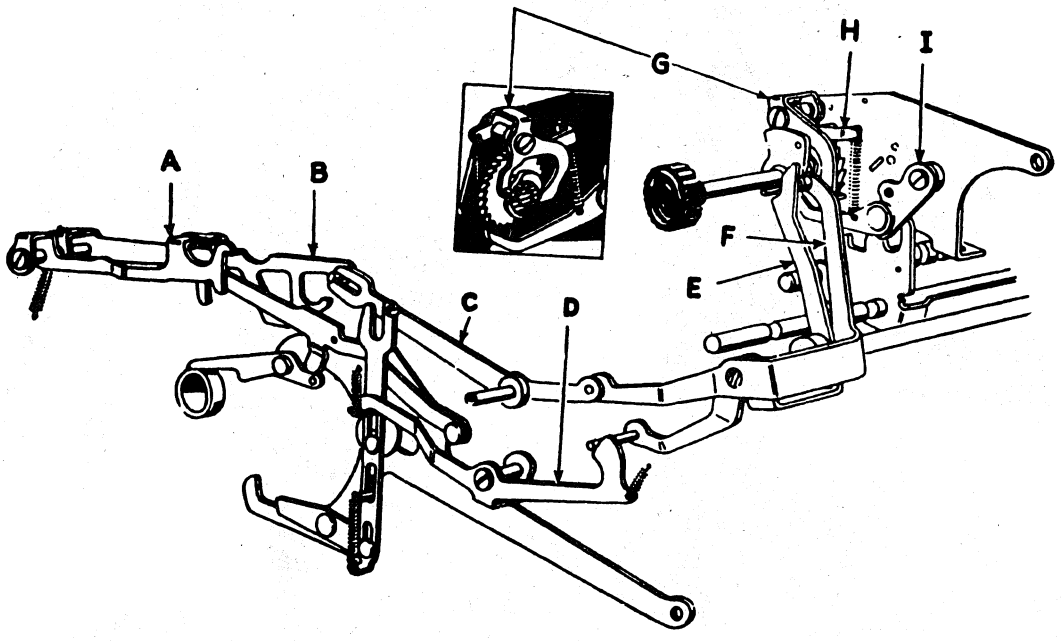


PART NUMBERS (Plate I-11)

A	No longer available	
B	**1010 4214**	screw
C	**1010 5393**	screw
D	**1039 5291**	detent
E	Use 1012 8254 detent and 1017 5214 spacer	
F	**1039 6281**	side frame, right
G	**1028 8819**	spring
H	**1039 2108**	platen assembly, includes side frame right
I	**1010 5393**	screw
J	**1039 5135**	feed pawl
K	**1012 4972**	feed pawl
	1012 4865	feed pawl, early
L	**1010 6128**	screw
M	**1040 1677**	feed pawl
N	**1013 3387**	spring
O	No longer available	
P	**1040 6890**	dial wheel, use 1040 4861 spacer
Q	**1010 4214**	screw
R	**1040 6700**	torsion spring
	1040 6692	torsion spring, early
S	**1010 7183**	screw
T	**1053 3172**	flanged hub

Carriage

PLATEN CONTROLLED SPACING AND NON-ADD MECHANISM (Plate I-12)

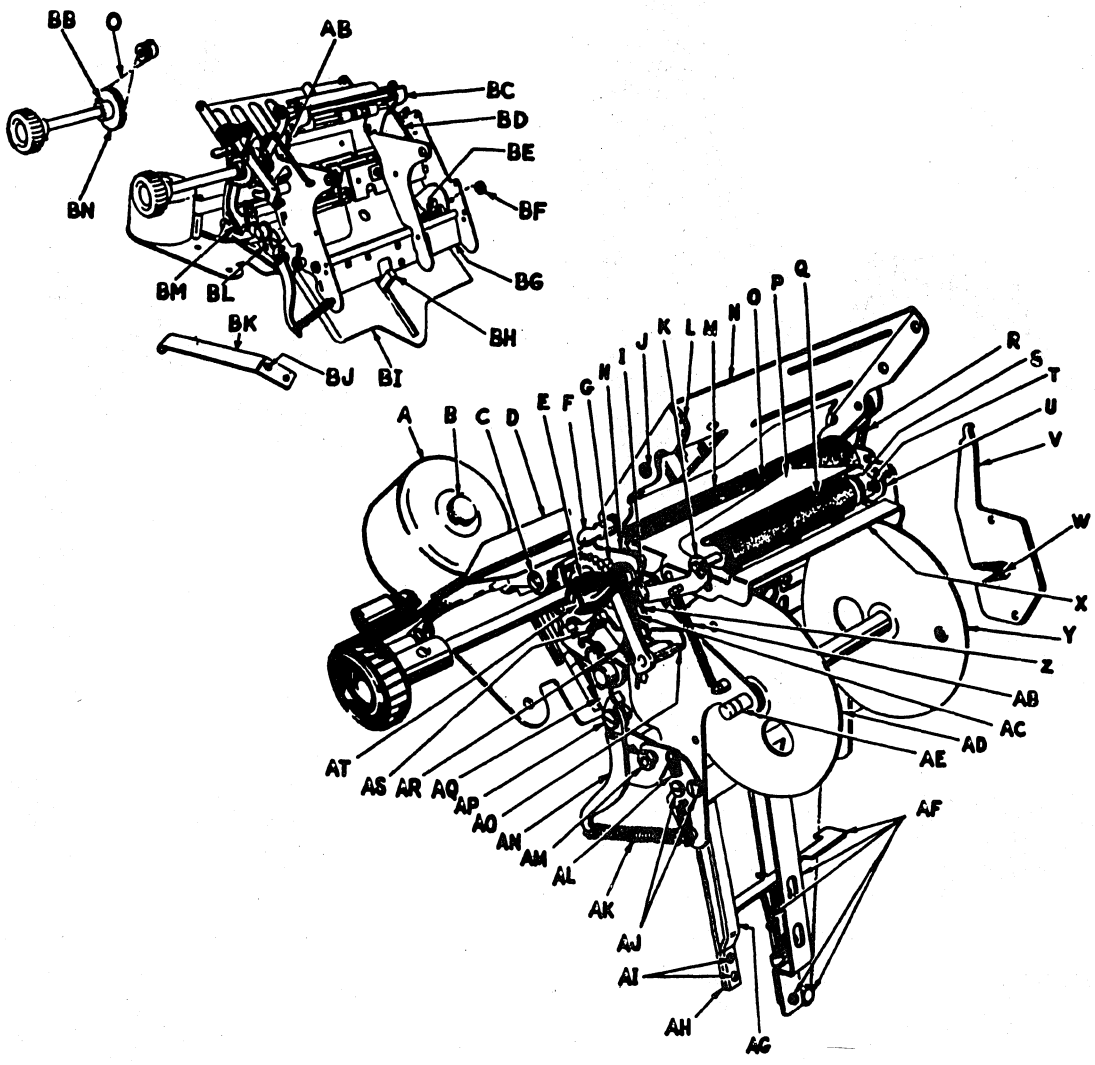


PART NUMBERS (Plate I-12)

A	**1041 1650**	arm
B	**1013 4583**	arm
C	**1041 0884**	lever
D	**1041 0272**	lever, use 1026 9439 spring
E	No longer available	
F	No longer available	
G	**1039 7958**	detent, use 1056 1942 screw and 1027 3225 spring
H	**1040 1628**	detent
I	**1039 5184**	feed pawl

Carriage

F, FE CARRIAGE (6") FRONT FEED - GENERAL VIEW (Plate I-13)



PART NUMBERS (Plate I-13)

See Plate I-1 for part numbers of complete assembled carriages F and FE

A Ribbon caps, see Printing Section for caps other than shown below

For F Carriage - double ribbon

1012 5615 grey 203, right
1215 0504 tan 140, right
1012 5573 grey 203, left rear
1215 0520 tan 140, left rear
1012 5557 grey 203, left front
1215 0553 tan 140, left front

For FE Carriage - single ribbon

1012 5623 grey 203, right and left

B **1010 5468** finger screw

Part Numbers Continued On Next Page

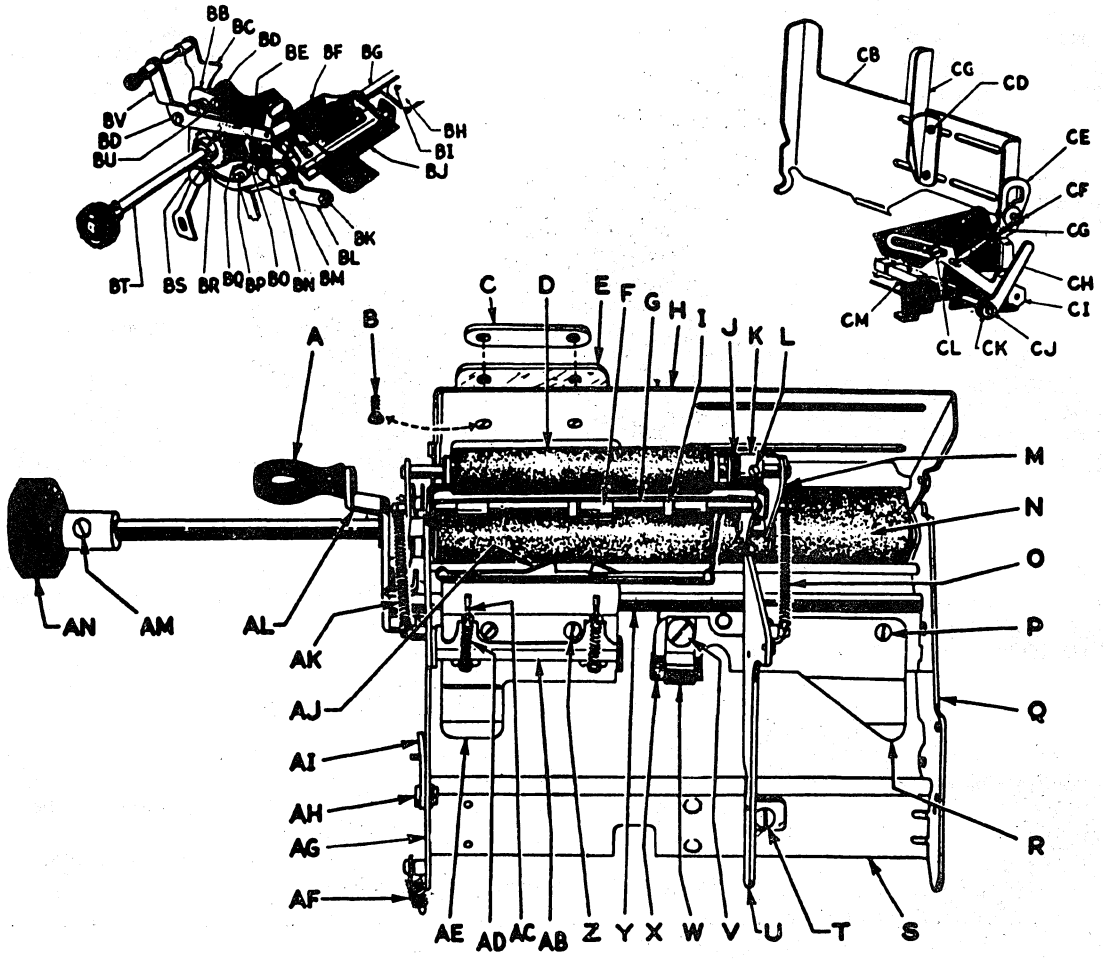
Carriage

PART NUMBERS (Plate I-13) - Continued

C **1010 4248** screw
D See Form Chute Chart, Plate I-72
E **1012 9435** carriage closing handle
1013 3551 knob only, grey 213
F **1012 7819** carriage opening lever
G **1018 0024** screw
H **1012 9849** latch for F carriage
1012 9856 latch for FE carriage
I **1035 1039** screw
J **1041 6071** screw
K **1012 9419** supporting arm, right
L **1012 9450** form guide
M **1020 3065** platen, 2 carbon
1020 3099 platen, 5 carbon
1020 3123 platen, 9 carbon
N Tilting paper table
1012 7066 grey 203
1215 0777 tan 140
See also Plate I-14, refs. "H" and "CB"
O **1013 3270** spring
P **1012 7066** rewind paper guide, Grey 203
Q **1013 3627** pressure roll
R **1027 7408** spring
S **1013 0805** grooved collar
T **1010 9700** screw
U **1012 9401** supporting arm, left
V **1012 5524** roll paper guide, includes W
W **1013 3122** spring
X **1012 8486** paper table, Grey 203
Y Roll paper guide, left
1012 9344 for 3 7/16" roll paper
1012 9328 for 2 9/32" roll paper
Z **1012 4915** platen non-turn back pawl, use 1018 0024 screw and 1014 7650 spring
AB **1307 2996** spring
AC **1012 4709** platen detent, use 1027 1971 spring
AD Roll paper guide, right
1012 9351 for 3 7/16" roll paper
1012 9336 for 2 9/32" roll paper
AE **1012 3255** roll paper shaft
AF See Plate I-15 for part numbers
AG **1040 0281** strip, form support
AH **1040 0265** form support
See Plate I-15, ref. "F", for further detail
AI **1027 7010** screw
AJ **1010 5393** screw
AK **1029 2464** spring, use 1026 6633 clip
AL **1027 2888** spring
AM **1013 0938** shoulder nut, use 1010 4966 washer and 1013 2330 screw
AN Spring anchor for AK
1018 0909 Grey 203
1216 2434 tan 140
AO **1012 5870** pressure roll release lever
AP **1010 4719** screw
AQ See Plate I-68 for platen feed pawls
AR **1013 2868** screw stud, use 1030 6330 shoulder sollar
AS **1027 1971** feed pawl spring
AT **1010 8991** screw
BB **1010 9700** screw
BC See "X"
BD **1027 2813** spring
BE **1013 2330** screw
BF **1010 4966** washer
BG **1012 9203** tie strip
BH **1013 2231** limit block, use 1010 4966 washer and 1010 5468 finger screw
BI **1012 3842** table guide for forms, nickel plated
BJ No longer required
BK No longer required
BL **1010 4719** screw
BM **1028 7787** spring
BN **1013 0656** pulley for "O"

Carriage

F, FE CARRIAGE ("6") FRONT FEED - TOP AND SIDE VIEWS (Plate I-14)



PART NUMBERS (Plate I-14)

A **1012 5623** carriage closing knob, Grey 213, use 1010 8991 screw
B **1010 5708** screw
C Plastic window holder
1012 7090 grey 203
1215 4787 tan 140
D **1013 3627** pressure roll
E **1013 3403** plastic window
F **1013 1266** roller
G **1012 3727** shaft
H Tilting table
1012 7066 grey 203 } open from total key
1215 0777 tan 140 }
1039 9723 grey 203, open each machine operation
I **1057 0422** collar
J **1013 3270** rewind spring

Part Numbers Continued On Next Page

Carriage

PART NUMBERS (Plate I-14) - Continued

K **1013 0805** belt pulley for pressure roll
L **1010 9700** set screw
M Supporting arms for pressure roll
1012 9401 left
1012 9419 right
N **1020 3065** platen, 2 carbon
1020 3099 platen, 5 carbon
1020 3123 platen, 9 carbon
O **1027 2813** spring
P **1025 7871** screw
Q Carriage side frames
F Carriage - upper section
1012 5037 centre, grey 203
1215 3003 centre, tan 140
1012 5110 right, grey 203
1215 3011 right, tan 140
1012 5359 left, grey 203
1215 3029 left, tan 140
F Carriage - lower section
1039 5895 right, grey 203
1215 3037 right, tan 140
1012 5052 left, grey 203
1215 3045 left, tan 140
FE Carriage - upper section
1012 5375 centre, grey 203
1012 5169 right, grey 203
1012 5342 left, grey 203
FE Carriage - lower section
1012 5177 right, grey 203
1012 5060 left, grey 203
R Form guide plates
F Carriage - shown
1012 9278 left, grey 203
1215 3078 left, tan 140
1012 9286 right, grey 203
1215 3060 right, tan 140
FE Carriage
1012 9294 left, grey 203
1012 9302 right, grey 203
S **1012 9203** tie strip
T **1010 8983** screw, use 1010 0360 nut
U See ref. "Q" for side frames
V **1010 6839** screw
W **1035 0940** clip
X **1013 3452** rubber
Y **1012 9260** tie strip
Z **1025 7871** screw
AB **1012 5987** bail, releases pressure rolls
AC **1012 5912** pressure roll hanger
AD **1027 5840** pressure roll spring
AE See ref. "R" for guide plates
AF **1027 2888** spring
AG See ref. "Q" for side frames
AH **1010 5393** screw, use 1256 7715 lockwasher and 1303 1208 nut
AI **1012 7678** carriage closing limit
AJ **1012 3719** paper guide, 3 7/16" roll paper
1012 3701 paper guide, 2 9/32" roll paper
AK **1307 2996** spring
AL **1012 9435** carriage closing handle, includes A
AM **1010 5898** set screw
AN **1013 0755** twirler
BB **1012 9849** latch for F carriage
1012 9856 latch for FE carriage
BC **1012 7819** carriage opening lever
BD **1010 8983** screw, use 1010 4552 washer
BE **1027 2912** spring
BF Pressure rolls
1012 3321 rewind (F and FE)
1012 3347 for platen, (FE), 3 required
1012 3354 for platen, (F), 1 required, rubber length 1"
1012 3362 for platen, (F) 2 required, rubber length 11/32"
1012 3388 for platen, (F) 2 required, rubber length 41/64"
Pressure roll hangers
1012 4410 for F carriage, 10 required
1012 4451 for FE carriage, 6 required
Pressure roll hanger shaft
1012 3305 F and FE carriages
BG No longer available
BH See Ref. R for form guide plates
BI **1025 7871** screw
BJ See ref. R for form guide plates
BK **1035 2128** screw
BL See Carriage Feed Pawl Chart, Plate I-68
BM **1010 4719** screw
BN **1046 7199** screw stud
BO **1013 3148** spring
BP **1010 5187** screw
BQ **1012 9914** spring
BR **1028 7787** spring
BS **1035 1286** screw
BT See ref. N for platens
BU **1012 4709** platen detent
BV **1040 3475** closing handle
CB See ref. H for tilting tables
CC **1012 7850** form guide, grey 203
CD **1010 0360** nut, use 1010 4552 washer and 1010 3380 screw
CE Limit arm for tilting table
1012 9930 for F carriage
1012 9922 for FE carriage
CF **1013 1993** threaded spring stud, use 1010 3927 washer (2) and 1010 8488 collar
CG **1027 7408** spring
CH **1012 5862** pressure roll release lever
CI **1013 0888** nut, use 1010 7399 shoulder collar and 1010 0360 nut

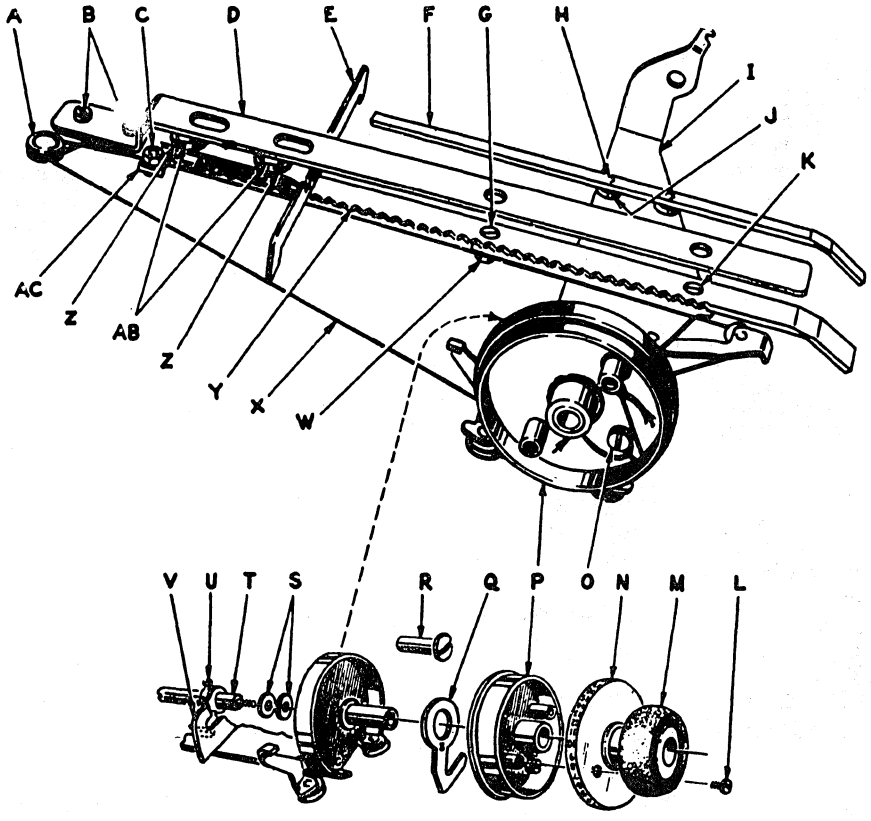
Part Numbers Continued On Next Page

Carriage

PART NUMBERS (Plate I-14) - Continued

CJ **1010 0360** nut
CK **1010 4552** washer
CL **1010 7142** screw, use 1010 4164 washer
CM **1012 3305** pressure roll hanger shaft

CARRIAGE (6") FRONT FEED - FORM LIMIT STOP, SELECTIVE AND ADJUSTABLE (Plate I-15)



PART NUMBERS (Plate I-15)

A **1012 7603** cord pulley
B **1010 9197** screw
C **1010 0360** nut, use 1048 0630 washer and 1010 3380 screw
D **1012 7520** upper guide strip
E **1012 7579** variable limit stop
F **1012 7660** form support, shown
1040 0265 form support for stitched passbook
G **1010 4693** screw
H **1010 5393** screw
I **1012 7652** assembled frame
J **1017 1973** spacer
K **1035 0809** screw
L **1010 8991** screw
M **1010 4735** rubber twirler
N Graduated dial drum
1040 0612 18 graduations, grey 203
1215 2997 18 graduations, tan 140
1012 7777 36 graduations, grey 203
O **1010 8991** screw
P **1012 7736** cord drum
Q Limit stop for drum
1012 7694 stamped "1"
1012 7702 stamped "2"
1012 7710 stamped "3"
1012 7728 stamped "4"
S **1010 4966** washer
T **1013 2348** shaft
U **1012 0111** screw
V **1012 7587** guide
W **1010 0386** nut
X **1013 3395** cord

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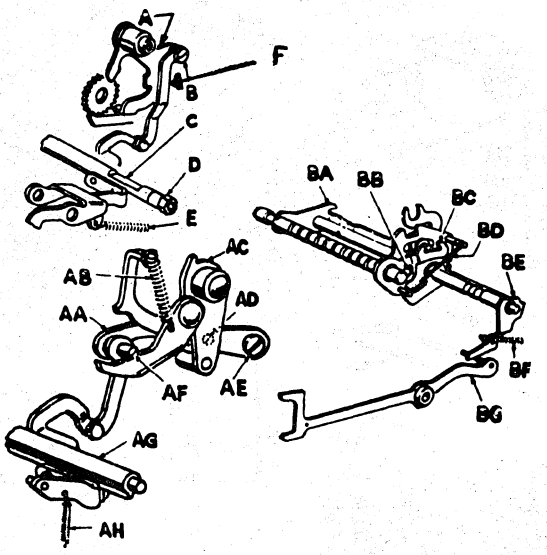
Carriage

PART NUMBERS (Plate I-15) - Continued

Y **1012 7512** notched guide strip
Z **1010 8777** washer
AB Limit stop, use 1027 7424 spring
1012 7538 moved by N
1012 7546 manually moved

PLATEN NON-SPACE MECHANISM (Plate I-16)



PART NUMBERS (Plate I-16)

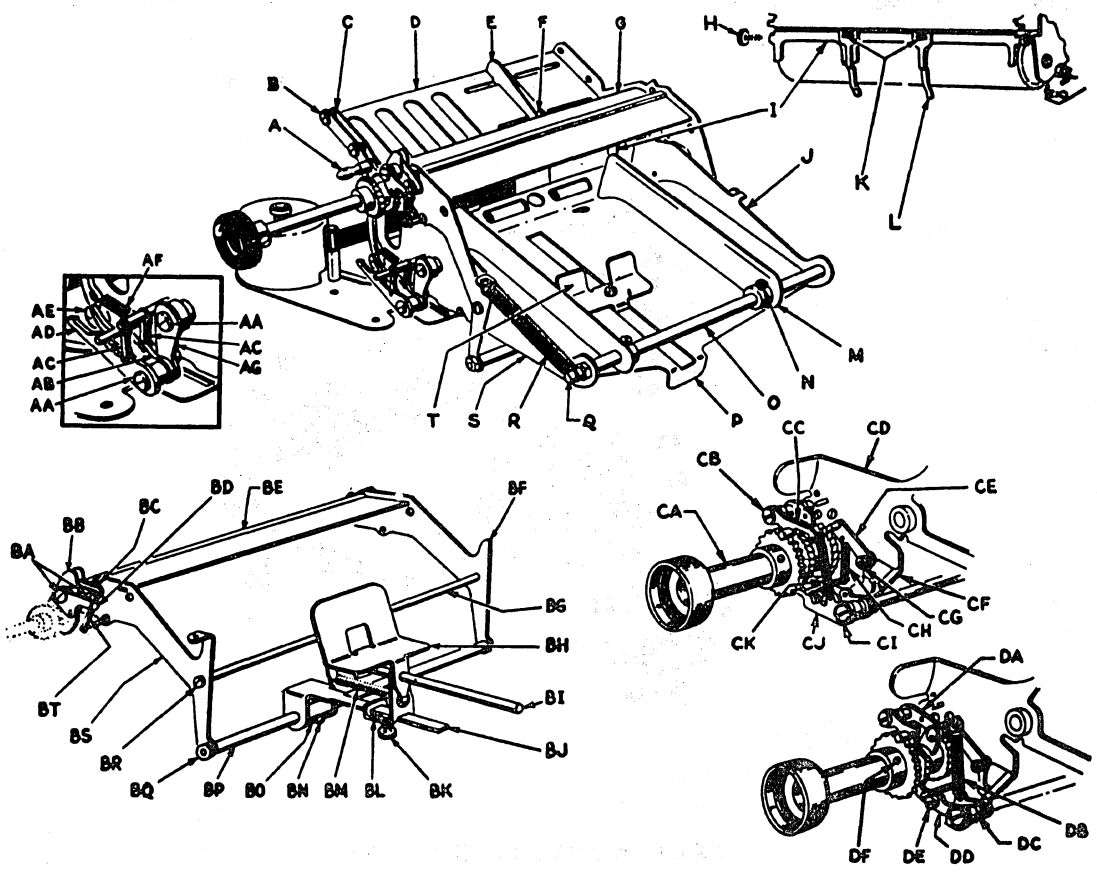
For Carriages 3 7/8"
A **1012 8775** shutter bellcrank
B **1010 4248** screw
C **1019 3142** guide comb and bail
D **1015 1645** hex. spacer
E **1014 6264** spring
F **1015 1058** arm

For Carriages 6"
AA **1012 9914** disabling lever
AB **1026 9777** spring
AC **1012 4550** feed pawl
AD **1010 4719** screw
AE **1010 5393** screw
AF **1010 5187** screw
AG **1019 3167** bail, use 1015 1066 link and 1010 0154 clip
AH **1014 6264** spring, for Classes 8 and 10
1013 3148 spring, for Class 9
1026 9777 spring, for Class 9, minus balance

For Carriages 12 1/4"
Parts shown BA, BC, BE, and BG no longer available
BB **1010 4784** screw
BD **1026 9413** spring
BF **1026 9892** spring

Carriage

PLATEN SPACING, RECIPROCATING PROGRESSIVE, 6" AND 12 1/4" CARRIAGES (Plate I-17)



PART NUMBERS (Plate I-17)

A	**1012 7819**	carriage opening lever
B	**1010 5393**	screw
C	**1012 9443**	guide, left, grey 203
D	**1012 7074**	ledger table, grey 203, use 1040 4101 hinge and 1027 7010 screws
E	**1012 7850**	form guide, grey 203
F	**1010 3380**	screw, use 1010 0360 nut
G	**1040 7955**	platen assembly
H	**1028 8868**	screw
I	**1012 3933**	support for form fingers
J	**1039 5721**	side frame, left
K	**1013 2587**	screw
L	**1012 4030**	form finger
M	Form guide, grey 203	
	1040 3269	right
	1040 3244	left
N	**1010 9619**	screw
O	**1039 3635**	shaft
P	**1039 4195**	plate
Q	**1013 0565**	spring anchor screw
R	**1040 6718**	spring
S	**1039 5952**	side frame, right
T	**1040 6718**	limit stop
AA	**1010 5393**	screw
AB	**1012 4956**	feed pawl
AC	**1027 6210**	spring
AD	**1012 4949**	feed pawl
AE	**1027 6210**	screw
AF	**1028 7787**	spring
AG	**1012 9369**	arm
BA	**1010 5393**	screw
BB	**1012 9849**	guide and latch for opening lever

Part Numbers Continued On Next Page

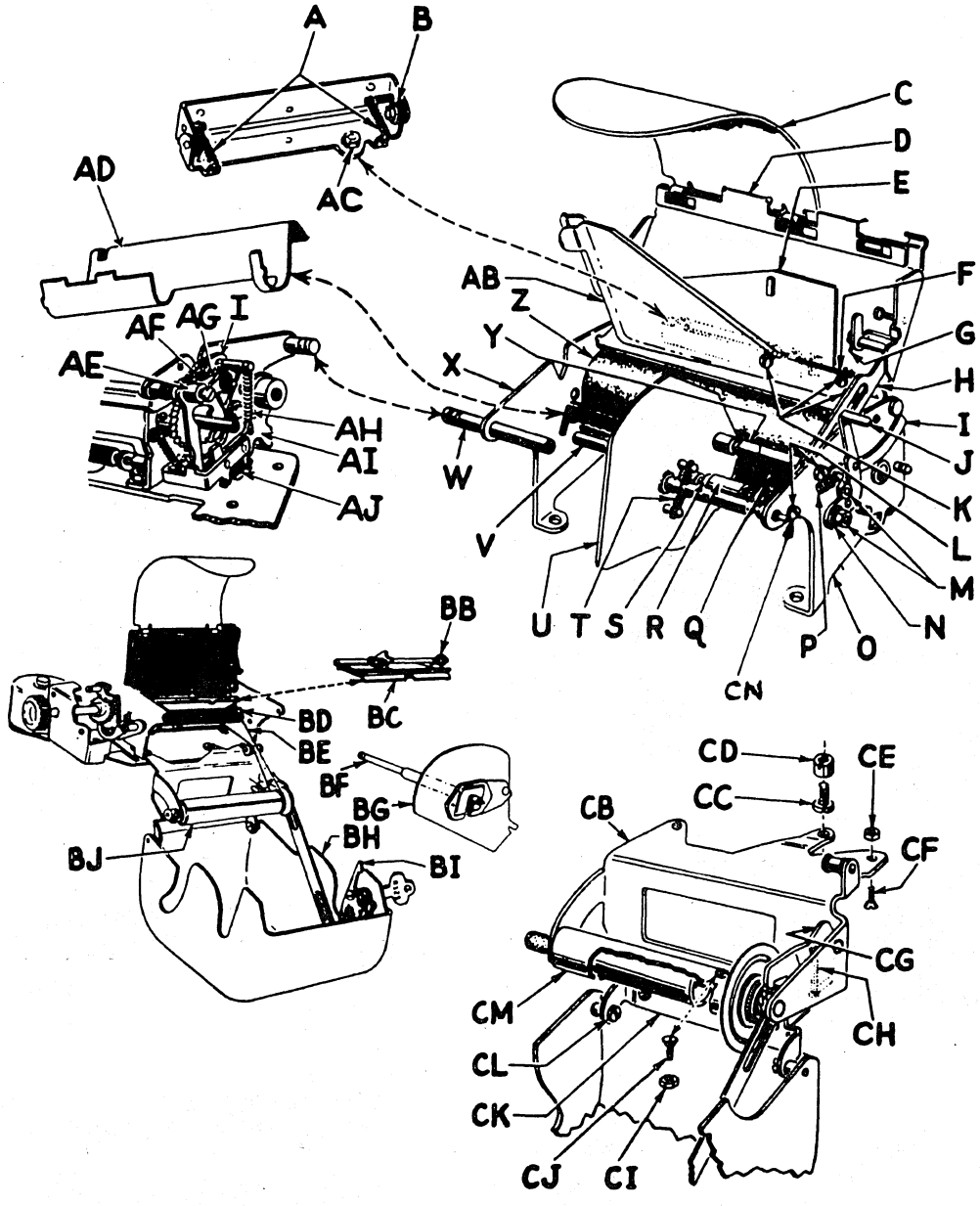
Carriage

PART NUMBERS (Plate I-17) - Continued

BC	**1035 1286**	screw
BD	**1039 5242**	platen detent
BE	**1040 3186**	tie strip
BF	**1039 6604**	side frame, left
	BG, BH, BE, BJ no longer available	
BK	**1010 5468**	finger screw
	BL and BM no longer available	
BN	**1010 4214**	screw
BO	**1049 9762**	collar
BP	**1039 3643**	shaft
BQ	**1010 0402**	nut
BR	**1035 1278**	screw, use 1010 4552 washer
BS	**1039 6885**	side frame, right
BT	**1013 3148**	spring
CA	**1040 5546**	variable clutch
CD	**1039 6018**	side frame, right, grey
CE	**1034 9199**	detent
CF	**1012 3404**	side arm
CG	**1035 0585**	threaded post, use 1010 9403 washer and 1010 0469 nut
CH	**1013 3114**	spring
CI	**1010 7233**	screw
CJ	**1039 5531**	feed pawl
CK	**1026 9439**	spring
DA	**1039 5309**	platen detent
DB	**1027 6889**	spring
DC	**1017 1973**	spacer
DD	**1039 5481**	feed pawl
DE	**1035 0668**	eccentric screw, use 1010 0469 nut
DF	**1025 6162**	screw

Carriage

REWIND DEVICE, DOUBLE WOUND PAPER — CARRIAGE 3 7/8" (Plate I-18)



Part Numbers On Next Page

Carriage

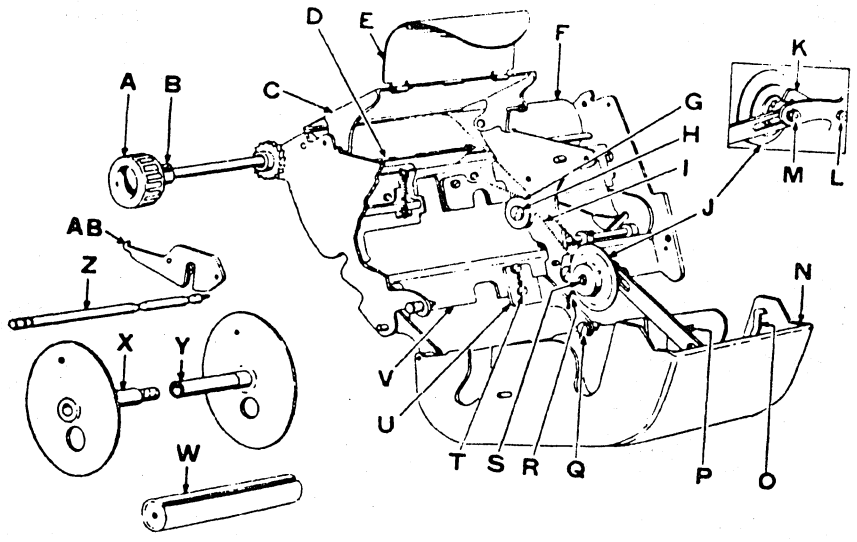
PART NUMBERS (Plate I-18)

For part numbers of complete assembled rewind carriages (3 7/8") see Plate I-1.

A **1027 6871** spring
B **1010 0220** clip
C Roll paper guard, nickel plated
1012 7793 for 2 9/32" roll paper
1012 7801 for 3 7/16" roll paper
D **1012 8494** writing table, nickel plated
E Angular tear-off blade, nickel plated
1012 7033 for 2 9/32" roll paper
1012 7041 for 3 7/16" roll paper
F **1012 6928** shim, for 2 9/32" paper
1012 6936 shim, for 3 7/16" paper
G **1026 7078** hair pin clip
H **1051 1103** link
I **1012 6993** movable tear off blade
J **1012 6902** manual lever
K **1010 5476** screw, use 1010 0378 nut
L **1010 7928** shoulder screw (see CN also)
M **1010 0360** nut, lower
1010 0378 nut, upper
N **1010 5575** washer
O Carriage side frame, left
1020 4097 grey 203
1215 0348 tan 140
1216 6674 grey 222
P **1027 2755** spring, used right and left sides of I
Q **1013 3338** compression spring, required only for 2 9/32" paper
R **1029 3488** sleeve, required only for 2 9/32" paper
S **1010 9924** collar, required only for 2 9/32" paper
T **1026 9744** spring
U **1012 7785** roll paper guide
V **1012 3750** shaft and arm for manual release of pressure rolls, use 1010 5575 washer and 1010 0360 nut
W **1012 3263** paper roll shaft
X Carriage side frame, right. See Z
1012 5284 grey 203
1216 1741 grey 203, RE carriage only, Series P3200 and P3400
1215 0330 tan 140
1216 6450 grey 222
Y **1012 3743** hex. shaft, required only for 2 9/32" paper
Z Platen assembly, includes right carriage side frame. See X for side frame only
1012 2810 with side frame, grey 203
1215 0322 with side frame, tan 140
1216 6435 with side frame, grey 222
AB Angular tear-off blade, nickel plated
1012 7009 for 2 9/32" roll paper
1012 7017 for 3 7/16" roll paper
AC **1010 0378** nut, use 1010 5476 screw
AD **1012 3891** platen trough
AE **1012 8775** non-space bellcrank
AF **1012 8262** non-turn back pawl
AG **1012 8254** platen detent, use 1017 5214 collar
AH **1012 8775** spring
AI Pressure roll release (from machine operation) lever
1012 4477 for machines which non-space from O.C.K. 6-0
1012 4469 for machines which space from O.C.K. 6-0
AJ **1027 6202** spring
BB **1040 6460** screw, use 1010 0402 nut
BC See Plate I-19 for paper guides, ref. D
BD **1013 0920** guide for rewind spring
BE **1013 3171** rewind spring
BF **1025 4183** shaft
BG No longer obtainable
BH See Plate I-20 for detail of rewind covers
BI See Plate I-21 for detail of manual opening latch and lock for rewind cover
BJ Use 1218 9882 plastic rewind spool
CB Rewind bracket
1012 8445 for steel rewind cover
1216 1188 for plastic rewind cover
CC **1013 1753** screw
CD Use 1010 0402 nut
CE **1010 0360** nut
CF **1010 4693** screw
CG Not used in current construction
CH **1027 6848** spring
CI **1010 0360** nut
CJ **1010 4719** screw, use 1256 7442 lockwasher
CK **1012 7249** bracket for steel rewind cover
1216 5387 bracket for plastic rewind cover
CL **1011 0039** screw, for steel cover
1017 1692 screw, for plastic cover
For steel cover (where the U.S. radio interference suppressor is fitted) use 1017 1775 screw, and 1011 0039 when suppressor is not used
CM Use 1218 9882 plastic rewind spool
CN Use 1023 8590 screw in rear hole (Ref.L)

Carriage

REWIND DEVICE - FRONT FEED CARRIAGE (3 7/8") OR (6") (Plate I-19)

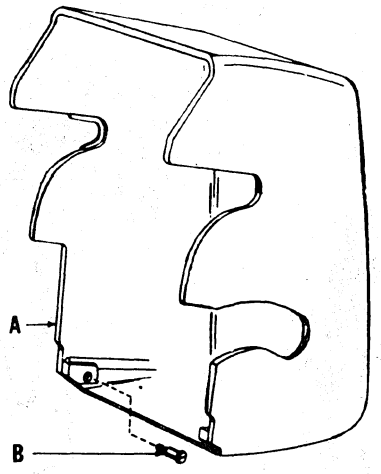


PART NUMBERS (Plate I-19)

A Twirler, hub length 5/16"
1013 0672 beige
1216 5379 grey 225
B **1010 5898** screw
C **1012 8460** writing table, grey 203
D Paper guide
1012 3701 for 2 9/32" paper, 6" carriage
1012 3719 for 3 7/16" paper, 6" carriage
1039 3692 for 2 9/32" paper, 3 7/8" carriage
E Roll paper guard, nickel plated
1012 7793 for 2 9/32" paper
1012 7801 for 3 7/16" paper
F Platen assembly (only)
1020 3065 2 carbon
1020 3099 5 carbon
1020 3123 9 carbon
G **1040 5777** rewind spring pulley
H **1028 8371** screw, use 1337 4046 spacer, 1010 0360 nut
I **1013 3189** rewind spring
J **1013 0649** rewind pulley
K **1040 0075** screw
L **1010 0360** nut, use 1010 6128 screw
M **1010 0360** nut, use 1256 7442 lockwasher and 1013 2074 tapped post
N **1052 7562** complete rewind cover assembly and lock, grey 203
O See Plate I-20 for lock details
P **1012 7207** link
Q **1011 0039** screw
R **1027 6848** spring
S **1010 3356** screw
T **1010 8975** screw
U **1012 9187** bracket
V **1012 9211** guide plate for 6" carriage
W Use 1218 9882 plastic rewind spool
X Roll paper guide
1012 9336 for 2 9/32" paper
1012 9351 for 3 7/16" paper
Y Roll paper guide
1012 9328 for 2 9/32" paper
1012 9344 for 3 7/16" paper
Z Roll paper shaft
1012 3255 for 6" carriage
1025 4142 for 3 7/8" carriage
AB **1012 5524** paper guide

Carriage

REWIND COVERS (Plate I-20)



PART NUMBERS (Plate I-20)

A **CLIP-ON COVERS**

Painted Steel, Classes 8, 9 and 10

1020 4485 grey 215
1053 7074 tan 141
1220 5936 coppertone 415
1220 5944 green 609
1216 8944 grey 222

Plastic P1000 and P3000

1215 8119 green 616 } — NA
1215 9372 grey 212 } Carriage
1218 3372 green 616 } — NA Carriage with
1219 8198 grey 212 } rewind device

See Plate I-5 for NA carriage rewind device

Clips and securing rivets

1020 8809 clip, used on left and right
1010 8892 rivets (2) for right hand clip
1010 9031 rivets (2) and 1061 4766 spacers (2) for left hand clip

REWIND COVERS WITH MANUAL LATCH

Painted Steel, Classes 8, 9 and 10

1046 1820 grey 215
1216 6864 grey 222
1215 1825 tan 140

Plastic, Series P1000 and P3000

1216 1246 grey 212

REWIND COVERS WITH LOCK AND KEY

Painted Steel, Classes 8, 9 and 10

1046 2786 grey 215
1216 6658 grey 222
1215 1817 tan 140

Plastic, Series P1000 and P3000

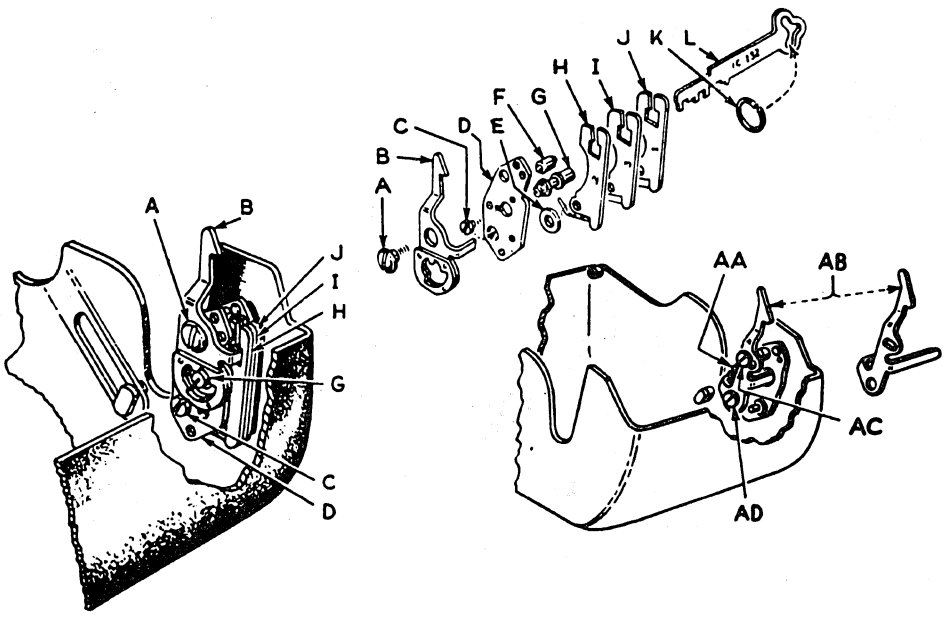
1216 1196 grey 212

B **1011 0039** screw for steel covers
1017 1692 screw for plastic covers

NOTE : See Plate I-21 for manual latch and lock details

Carriage

REWIND COVER — MANUAL OPENING LATCH AND LOCK (Plate I-21)

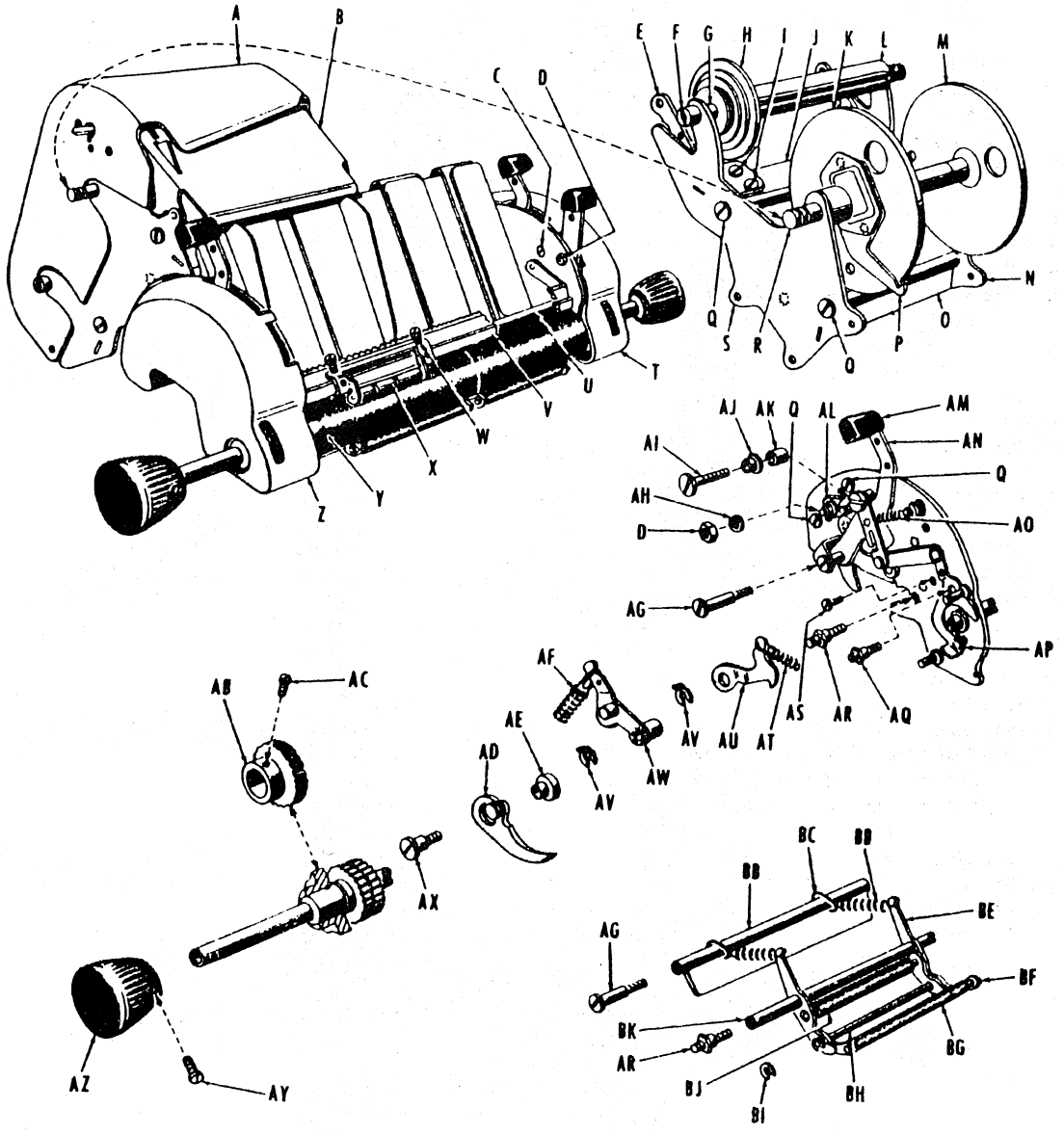


PART NUMBERS (Plate I-21)

A	**1010 7811**	shoulder screw
B	**1040 0059**	latch
C	**1010 9619**	screw
D	**1012 7215**	lock plate
E	**1010 4552**	washer
F	**1013 2199**	stud for lock plate
G	**1013 2181**	key cylinder
H	**1012 7264**	lock tumbler, stamped "2"
I	**1012 7272**	lock tumbler, stamped "3"
J	**1012 7256**	lock tumbler, stamped "1"
K	**1026 9553**	key ring
L	**1046 2802**	key, stamped R123
	1011 6368	key, stamped 1C132 (shown)
		See Plate VII-13, Base and Case Section for styles and combinations
AA	**1035 2136**	spring
AB	**1012 7462**	manual latch
	1012 7470	manual latch for 6" and 7 1/2" carriages
AC	**1010 5989**	shoulder screw
AD	**1013 2876**	screw

Carriage

RG CARRIAGE (7 1/2"), TWO POSITION, FRONT VIEW (Plate I-22)



PART NUMBERS (Plate I-22)

See Plate I-1 for Complete assembled Carriages

A Rewind cover assembly
1012 7397 grey 215
1215 2989 tan 140

B Writing table
1012 8460 grey 203
1215 3052 tan 140

Part Numbers Continued On Next Page

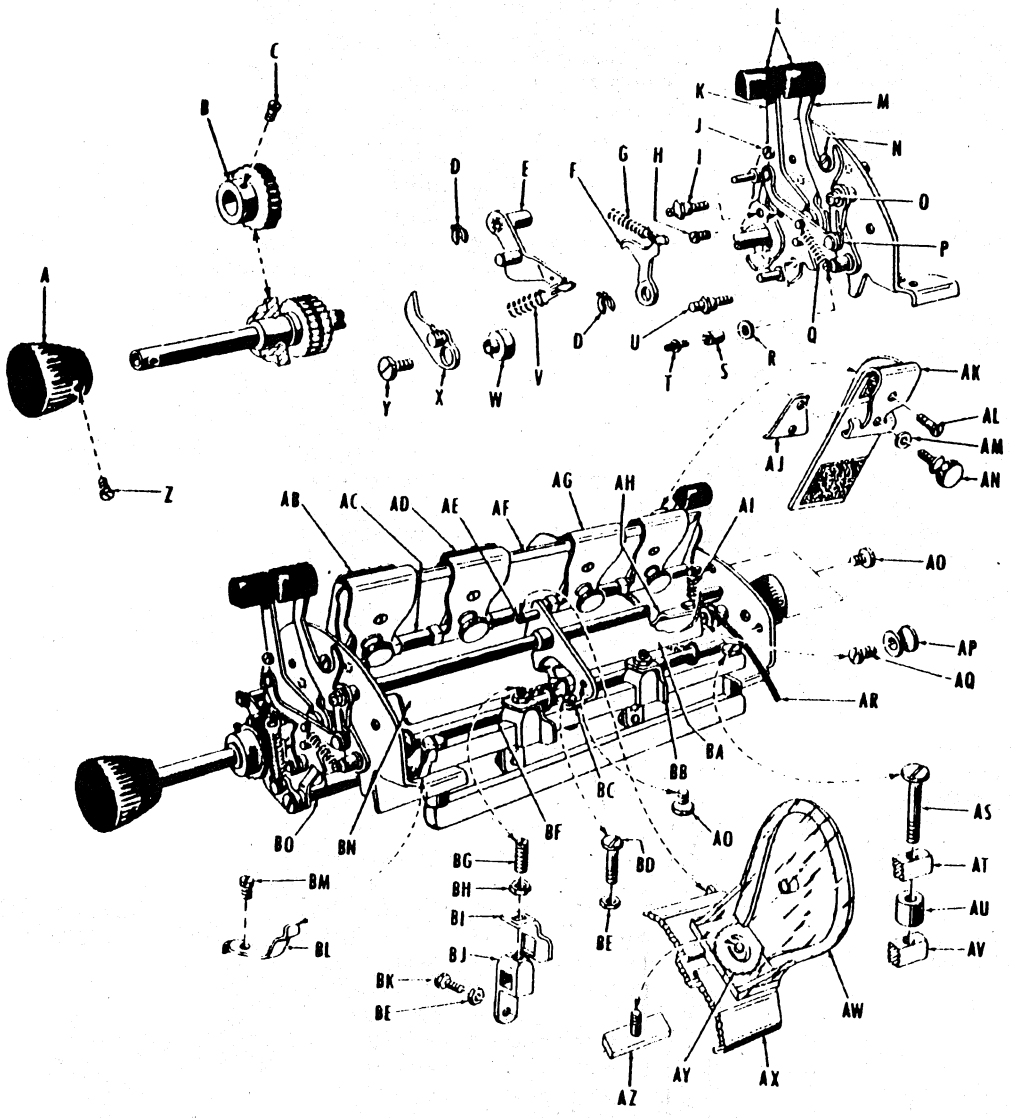
Carriage

PART NUMBERS (Plate I-22) — Continued

C **1010 7258** screw
D **1010 0360** nut, use 1010 9197 screw
E **1012 9187** bracket
F **1013 1282** cap nut
G **1010 9726** washer
H **1013 0649** pulley
I **1010 8983** screw
J **1012 9245** tie strip
K **1012 9344** roll paper holder
L **1218 9882** rewind spool, plastic
M **1012 9351** roll paper holder
N Right side frame for rewind
1012 5441 grey 203
1215 0421 tan 140
O **1012 9237** tie strip
P **1012 5524** roll paper guide
Q **1010 5393** screw
R **1012 3230** roll paper shaft
S Left side frame for rewind
1012 5383 grey 203
1215 0439 tan 140
T Carriage end cover, right
1013 3064 grey 215
1215 0926 tan 140
U **1012 3636** shaft
V **1012 7025** tear off blade
W **1011 0062** screw
X **1039 9384** metal pressure roll assembly
Y Complete platen assembly, includes left and right side frames 1020 2844
Side frames only
1012 5433 right
1012 5391 left
Z Carriage end cover, left
1013 3049 grey 215
1215 0918 tan 140
AB **1013 0573** ratchet wheel
AC **1025 6162** set screw
AD **1012 4857** spacing pawl, left
AE **1013 0441** shoulder collar for AD
AF **1013 3155** spring for AD and AW
AG **1017 2138** screw
AH **1010 5575** washer
AI **1010 8215** screw
AJ **1010 5880** shoulder collar
AK **1027 6657** collar
AL **1013 0136** spacing control arm
AM **1016 7260** plastic knob
AN **1012 5821** pressure roll lever
AO **1026 9892** spring
AP **1012 8676** spacing control arm
AQ **1013 2710** screw
AR **1013 2694** screw
AS **1012 0178** screw
AT **1013 3304** spring
AU **1012 4931** non-turn back pawl
AV **1010 0212** clip
AW **1016 4366** platen detent
AX **1010 8017** screw
AY **1010 5971** screw
AZ **1016 6676** twirler
BB **1012 3511** tabulating bail
BC **1026 6252** spring anchor
BD **1027 3183** spring
BE Pressure roll assembly complete 1012 3560
1012 5888 pressure roll hanger (shown)
BF **1012 3958** pressure roll bearing arm
BG **1013 3569** pressure roll only
BH **1012 3537** shaft
1012 3560 complete pressure roll assembly
BI **1010 0170** clip
BJ **1013 3593** pressure roll only
BK **1012 3628** shaft

Carriage

RG CARRIAGE (7 1/2"), TWO POSITION, REAR VIEW (Plate I-23)



PART NUMBERS (Plate I-23)

A	1016 6676	twirler
B	1013 0573	ratchet wheel
C	1025 6162	set screw
D	1029 2233	clip
E	1016 4358	platen detent
F	1012 4931	platen non-turn back pawl
G	1013 3304	spring, includes 1026 5981 clip
H	1012 0178	screw
I	1013 2710	screw
J	1010 9197	screw, use 1010 0360 nut
K	1012 5482	lever
L	1016 7260	plastic knob
M	1016 4887	hand tab lever
N	1010 9197	screw
O	1010 0360	nut, use 1010 5575 washer
P	1016 5769	spacing control arm
Q	1026 9892	spring
R	1010 5575	washer
S	1013 1480	sleeve nut
T	1017 1296	spring anchor screw
U	1013 2694	screw
V	1013 3155	spring, includes 1026 5783 clip

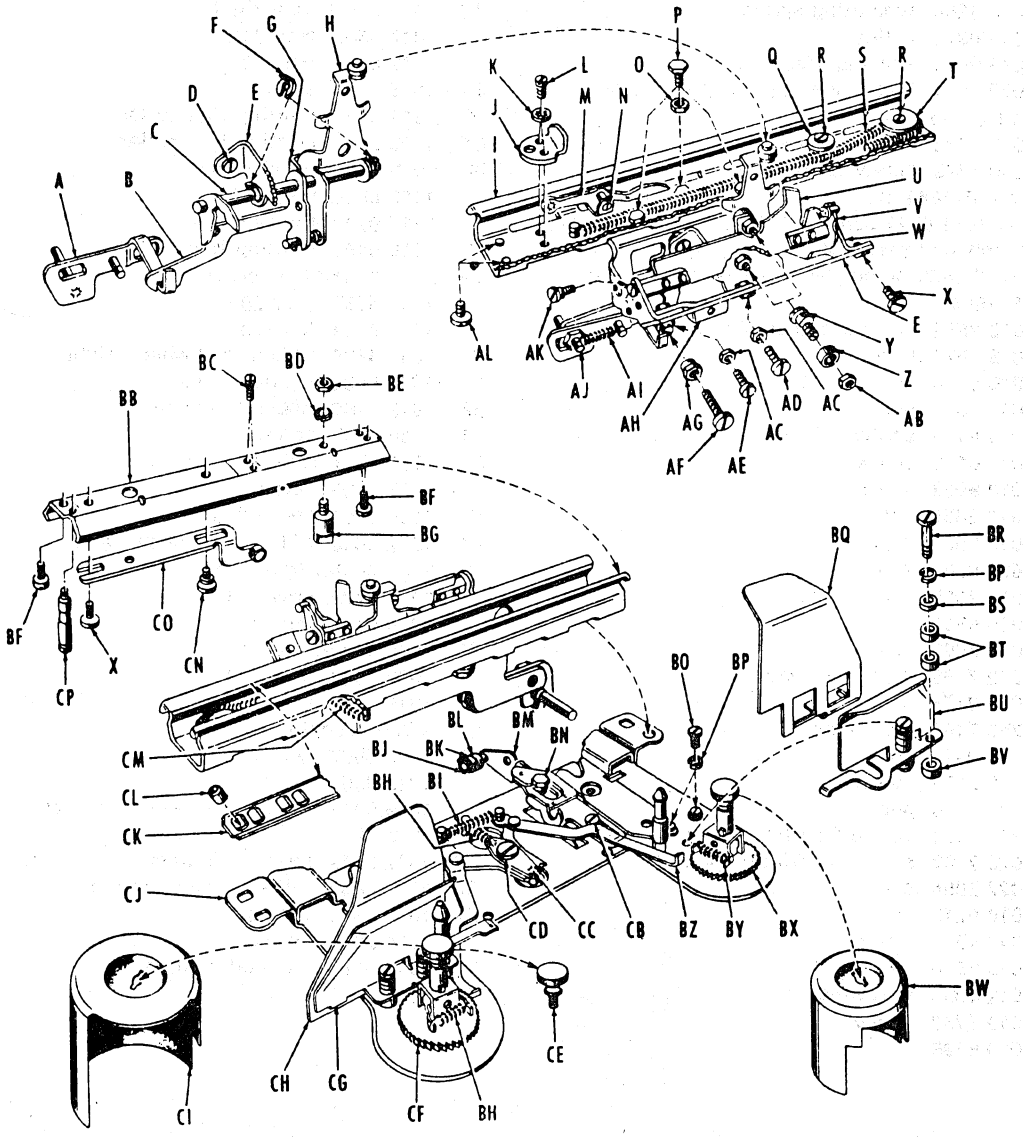
Part Numbers Continued On Next Page

Carriage

PART NUMBERS (Plate I-23) - Continued

W	1013 0441	shoulder collar
X	1012 4840	spacing pawl
Y	1010 5682	screw
Z	1010 5971	screw
AB	Paper guide, right	
	1016 5918	grey 203
	1215 0843	tan 140
AC	1012 3628	shaft
AD	Paper guide, left	
	1016 5884	grey 203
	1215 0850	tan 140
AE	1020 7264	post
AF	Carriage back plate	
	1012 8833	grey 203
	1215 0835	tan 140
AG	Form guide, right	
	1016 5900	grey 203
	1215 1031	tan 140
AH	1012 6001	pressure roll release bail
AI	1026 9777	spring
AJ	1012 9161	retaining clamp
AK	Form guide, left	
	1016 5876	grey 203
	1215 1031	tan 140
AL	1011 0047	screw
AM	1256 7715	lockwasher
AN	1018 0016	knurled screw
AO	1010 5393	screw
AP	1013 0961	pulley
AQ	1017 2369	screw
AR	1013 3197	rewind spring
AS	1044 1715	screw
AT	1012 3479	stop bar
AU	1013 1407	spacer
AV	1012 3487	support bar
AW	Plastic paper roll holder	
	1021 1423	grey 212
	1217 4272	beige 129
AX	Rear carriage cover	
	1013 3486	grey 203, length 3 1/2"
	1215 0900	tan 140, length 3 1/2"
	1013 3510	grey 203, length 7 1/2"
AY	1217 4470	knurled nut
AZ	1217 4405	clamp
BA	1012 3677	spacing bail left
BB	1012 8411	carriage stop
BC	1012 5490	bracket
BD	1044 2796	screw
BE	1010 0378	nut
BF	1012 3511	tabulating bail
BG	1304 2056	screw
BH	1010 0436	nut
BI	1012 8403	carriage stop
BJ	1013 3007	hanger
BK	1013 2454	screw
BL	1016 4747	spring clamp
BM	1010 6466	screw
BN	1012 3685	spacing bail
BO	1012 3420	feed bail assembly

RG CARRIAGE (7 1/2"), TWO POSITION - BASE PLATE AND RIBBON MECHANISM (Plate I-24)



PART NUMBERS (Plate I-24)

A	1012 7934	non-space control arm
B	1012 7918	forked bail
C	1012 3776	shaft
D	1013 1753	screw
E	1012 9948	support plate
F	1010 0220	clip
G	1013 0037	bracket, use 1010 5393 screw, 1010 0378 nut
H	1013 0078	space control cam
I	1012 7157	lower raceway
J	1020 3909	carriage stop
K	1010 4362	lockwasher
L	1047 2702	screw
M	1012 9765	rocker arm
N	1010 9163	screw
O	1010 0378	nut
P	1010 8702	screw
Q	1013 0961	pulley

Part Numbers Continued On Next Page

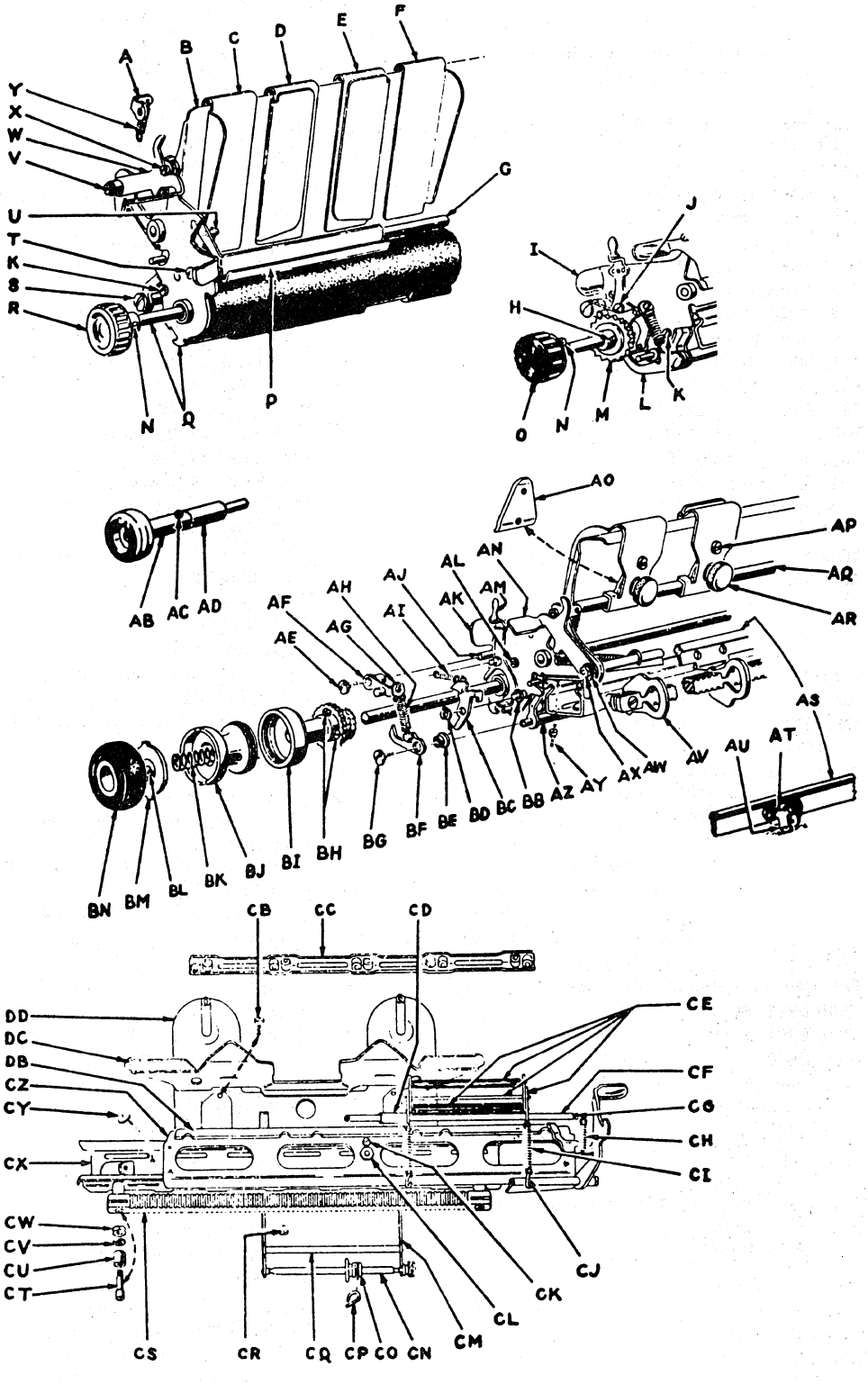
Carriage

PART NUMBERS (Plate I-24) — Continued

R **1017 2369** screw
S **1013 3254** tabulating spring
T **1013 0979** pulley
U **1013 0011** spacing stop bail
V **1012 9971** lever, use 1010 6425 screw and 1010 0360 nut
W **1012 7884** bracket assembly
X **1010 5393** screw (shown) before P400064D and P416642S
Use 1011 0021 screw, 1010 0360 nut, 1010 4024 screw and 1012 7348 brace (grey) or 1216 1428 brace (tan) after P400063D and P416641S
Y **1013 2884** eccentric shoulder screw
Z **1013 1522** roller
AB **1010 0410** nut
AC **1010 0360** nut
AD **1010 6714** screw
AE **1011 0179** screw
AF **1010 9023** screw
AG **1017 2484** nut
AH **1012 9955** support
AI **1026 9363** spring
AJ **1013 2025** screw stud
AK **1010 5369** screw
AL **1010 5682** screw
BB **1012 7199** upper raceway
BC **1012 0178** screw
BD **1256 7467** lockwasher
BE **1010 0311** nut
BF **1010 9197** screw
BG **1013 1860** post
BH **1219 9972** spring for ribbon reverse detent CC
1028 7787 spring for friction plate BY
BI **1027 2854** spring
BJ **1010 0212** clip
BK **1010 4586** roller
BL **1013 0870** roller
BM **1012 8056** feed slide
BN **1010 3737** screw
BO **1010 5195**
BP **1256 7442** lockwasher
BQ Form chute, rear right
1012 6506 grey 203
1215 0694 tan 140
BR **1035 1963** screw
BS **1013 1514** printing line collar
BT **1010 9734** printing line collar
BU Form chute, front right
1012 6514 grey 203
1215 0710 tan 140
BV **1010 9148** printing line collar
BW Ribbon spool cover, right
1012 5565 grey 203
1215 0561 tan 140
BX **1012 4634** ribbon feed wheel, right
BY **1012 5532** friction plate
BZ **1012 4782** ribbon feed arm
CB **1010 3737** screw
CC **1012 4733** ribbon reverse detent
CD **1013 1720** screw
CE **1010 5468** knurled screw
CF **1012 4618** ribbon feed wheel, left
CG Form chute, front left
1012 6423 grey 203
1215 0728 tan 140
CH Form chute, rear left
1020 4048 grey 203
1215 0702 tan 140
CI Ribbon spool cover, left
1012 5557 grey 203
1215 0553 tan 140
CJ **1039 5002** base plate assembly, nickel plated
CK **1012 5649** bearing retainer
CL **1013 0409** roller bearing (20 req'd)
CM **1013 3361** spring
CN **1044 2952** screw
CO **1012 9682** adjustable slide
CP **1013 1985** post

Carriage

W CARRIAGE (12 1/4"), HAND TABULATING (Plate I-25)



Part Numbers On Next Page

Carriage

PART NUMBERS (Plate I-25)

See Plate I-1 for Complete assembled Carriages

A **1026 6393** spring anchor
B Carriage back plate
1020 4550 beige 125
1220 5951 grey 224
1216 7003 grey 222
C Form guide, left
1012 8866 beige 125
1221 4888 grey 224
1216 6948 grey 222
D Roll paper guide, left
1012 8890 beige 125
1221 4862 grey 224
1216 6989 grey 222
E Roll paper guide, right
1012 8981 beige 125
1221 4854 grey 224
1216 6963 grey 222
F Form guide, right
1012 8957 beige 125
1221 4870 grey 224
1216 6922 grey 222
G **1012 3610** shaft
H **1010 7183** screw
I Platen and shaft assembly See Plate I-69 for details of code A-B-C
1020 2976 2 carbon (A) regular
1020 2984 2 carbon (B)
1020 2992 2 carbon (C)
1020 3008 5 carbon (A) regular
1020 3016 5 carbon (B)
1020 3024 5 carbon (C)
1020 3032 9 carbon (A) regular
1020 3040 9 carbon (B)
1020 3057 9 carbon (C)
These are the platens which require the variable line spacer parts etc.
For other platens see Plate I-69
J **1010 8991** screw
K **1010 9197** screw
L **1012 4840** platen spacing pawl
See Plate I-68 for other styles
M Detent wheel (shown)
1013 0581 stamped "21" for 1/6" form space
1040 5157 stamped "14" for 1/4" form space
N **1010 5898** screw
O Platen twirler (subject to availability)
1048 2354 black
1225 0080 brown
P Tear off blade
1012 6878 tilting
1039 9368 stationery
Q Carriage side frame, left
1012 5193 grey 203
1216 6906 grey 222
See I for platen assemblies
R Platen twirler
1013 0672 beige (shown)
1013 0722 brown 130, conical shape
1016 6676 brown 100, conical shape
S **1010 5682** screw
T **1012 0178** screw
U **1026 9801** spring
V **1010 8264** screw
W **1012 5813** pressure roll release lever
X **1010 6110** screw
Y **1013 3387** spring
AB **1056 8921** twirler, includes AC
AC **1010 4602** screw
AD **1040 5215** extension shaft
AE **1010 5682** screw
AF Platen detent
1039 5325 right side, for regular or variable form space
1012 4667 (shown) right side, for platen control mechanism or variable form space with platen control mechanism (BC)
1012 4659 left side, for regular or variable form space, with or without platen control mechanism
1039 5309 inside, for reciprocating progressive spacing
1040 1610 outside, for reciprocating progressive spacing
AG See AH
AH **1013 3155** spring and clip
AI **1013 3304** spring and clip
AJ **1013 2710** spring anchor screw
AK Carriage side frame, right
1012 5243 grey 203
1216 6880 grey 222
AL **1012 0178** screw
AM Space control lever
1012 8643 for feed on right
1012 8700 for feed on left
1012 8759 for 1/4" form space
1012 8668 for carriage controlled form space on left

Part Numbers Continued On Next Page

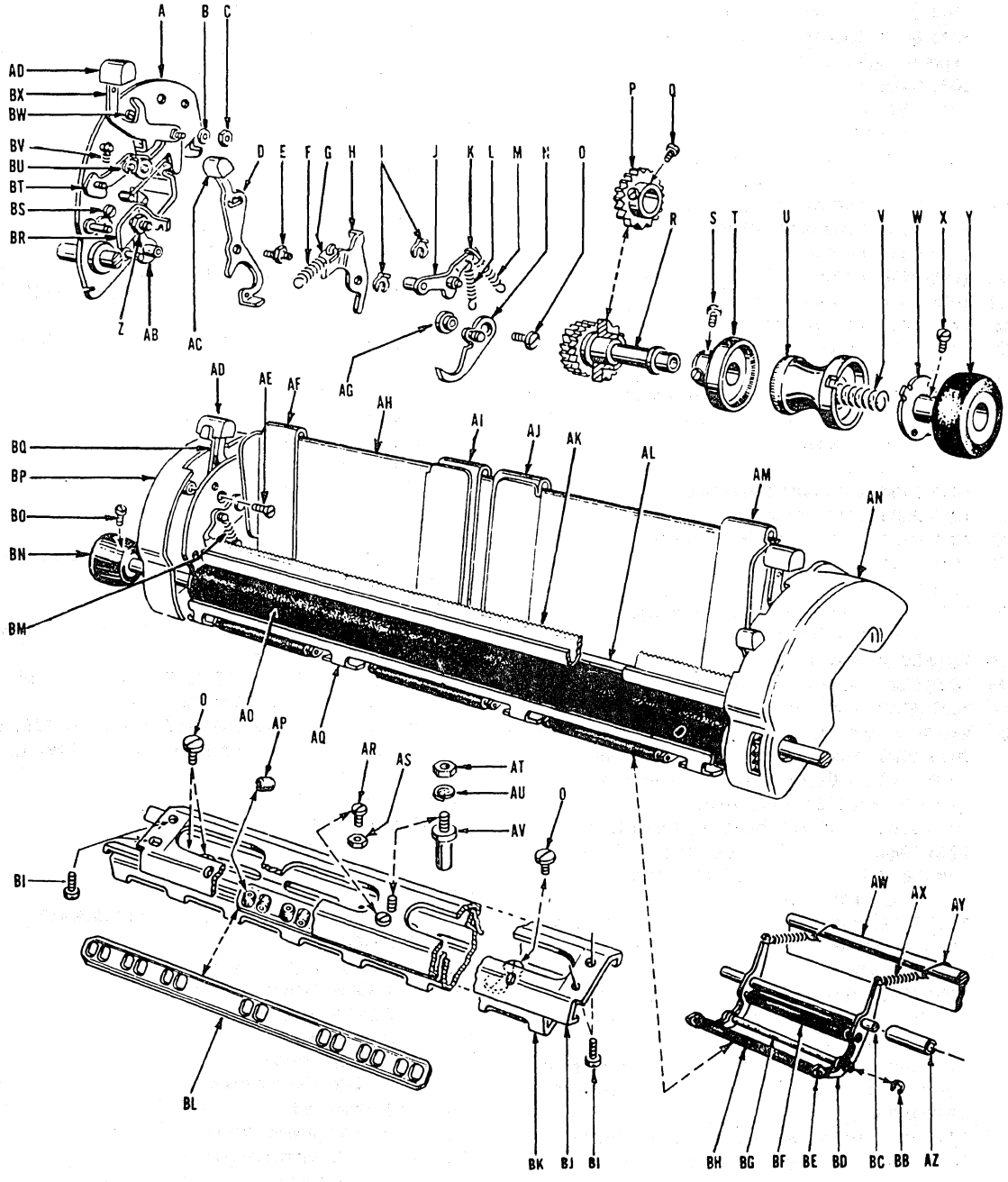
Carriage

PART NUMBERS (Plate I-25) - Continued

AM **1040 2196** for carriage controlled 1/6" and 1/3" form space, left
1012 8692 for carriage controlled form space, right, platen split
1012 8726 used with 1012 8692 lever and 1010 4552 washer for carriage controlled form space, platen solid
1012 8718 for platen controlled mechanism, lever on left side
AN **1012 5839** carriage release lever
AO **1012 9161** form guide clamp
AP **1011 0047** screw
AQ **1012 3735** shaft
AR **1018 0016** knurled screw
AS **1012 3495** carriage stop bail
AT **1010 5393** screw
AU **1012 8304** universal stop
AV **1012 8312** stop, see Plate I-76 for other styles
AW **1010 5575** washer
AX **1010 0360** nut
AZ **1012 3404** feed bail assembly
BB **1013 2694** screw stud
BC **1012 4907** platen overthrow control pawl
BD **1010 0212** clip
BE **1013 0441** shoulder collar
BF **1012 4840** platen spacing pawl, see Plate I-68 for other styles
BG **1010 5682** screw
BH **1025 6162** set screw, 1/4" length overall
1017 1387 set screw, 11/64" length overall
BI Variable spacing gear assembly
1013 1068 regular, long, right side, with flat teeth, with platen control spacing mechanism, 1/6" form space
1040 5561 as above, but with sharp teeth
1013 1084 long, right side, for 1/4" form space, with or without platen control spacing mechanism
1040 5538 long, left side, for 1/6" form space with or without platen control spacing mechanism
1013 1050 long, right side, for .1523" form space, with with or without platen control spacing mechanism
1013 1076 long, left side, for 1/6" form space with platen control spacing mechanism, with flat teeth
1040 5579 as above, but with sharp teeth
1040 5546 long, for 1/6" form space, for reciprocating progressive mechanism
BJ **1016 6783** clutch cup
BK **1035 0684** compression spring
BL **1010 4602** screw
BM Twirler, variable form space includes BL and BN
1013 0789 fitted with brown 131 rubber
12 16 3945 fitted with brown 100 rubber
BN **1216 3937** brown 100, ribbed rubber
1328 1241 brown 131, ribbed rubber
1010 4735 brown, smooth rubber
CB **1013 1753** carriage fixing screw
CC **1039 7347** roller and cage assembly, early
1012 5649 roller retainer
1013 0409 roller (28 req'd)
CD **1013 1365** sleeve for spacing pressure roll assemblies
CE **1012 3560** complete pressure roll assemblies, consisting of :-
1012 5888 side arms (2)
1012 5938 bearing arms (2)
1013 3569 front pressure roll
1013 3593 rear pressure roll
1010 0170 clips (2)
CF **1012 3586** shaft
CG **1010 9197** screw
CH **1013 3387** spring for pressure roll release lever
CI **1027 3183** spring for pressure rolls
CJ **1026 6252** spring anchor
CK **1027 7069** screw for bracing centre of bail DB, use 1010 0378 nut
CL **1010 0311** nut for 1013 1837 post, use 1256 7467 lockwasher for W carriage
Use 1013 1852 post, 1010 5526 spacer, 1256 7467 lockwasher and 1010 0311 nut, for other 12 1/4" carriages
CM Roll paper hanger
1020 3917 grey 203
1216 7029 grey 222
1216 3713 grey 224
CN **1020 3271** roll paper shaft
CO **1029 3371** roll paper collar, includes CP
CP **1010 5716** wire clip
CQ **1012 3735** support shaft
CR **1010 8991** screws (2) for CM
CS **1027 2771** stop bar
CT **1013 2009** screw
CU **1013 0458** collar
CV **1256 7467** lockwasher
CW **1010 0311** nut
CX **1012 7116** lower raceway
CZ **1012 7173** upper raceway
DB **1012 5979** bail
DC Line finder
1012 3826 for machines without rotary calendar feature
1012 3834 for machines with rotary calendar fte.
See Plate I-77 for other styles
DD See Plate I-2 for base plate chart

Carriage

W2 CARRIAGE (12 1/4"), HAND TABULATING - FRONT VIEW (Plate I-26)



Part Numbers On Next Page

Carriage

PART NUMBERS (Plate 1-26)

Note : See Plate I-1 for complete assembled carriages. For Series P100, P200 and P300 the carriage end covers have rounded outlines (as shown in illustration). Basic colour is beige 125.
For Series P2100, P2200 and P2300 the carriage end covers have angular outlines (squared up corners) . Grey 222 for carriage end covers and rear cover; grey 224 for form and paper guides and backplates.

A Carriage side frame, right
1016 4556 for P100, P200, P300
1221 4821 for P2000
B **1010 5575** washer
C **1010 0360** nut
D Space control lever
1020 6100 shown for P100, P200, P300
1020 6126 lever, with latch, P100, P200, P300
1053 4642 lever with latch, P2000
E **1013 2710** spring anchor screw
F **1013 3304** spring, includes eyelet
G **1026 5981** spring eyelet only
H **1012 4907** platen overthrow control pawl
I **1010 0212** clip
J **1016 4358** platen detent
K **1026 5783** clip, part of M
L **1027 3217** spring
M **1027 6889** spring with eyelets
N **1012 4840** spacing pawl
O **1010 5682** screw
P **1040 5173** detent wheel, includes Q
Q **1010 8967** screw
R **1016 6742** assembled variable line spacer includes P, Q, R, S, T
S **1010 9809** screw
T **1025 5024** variable only
U **1016 6783** clutch
V **1035 0684** compression spring
W Twirler, right, includes X and Y
1013 0789 for P100, P200, P300
1221 4920 for P2000
X **1010 4602** screw
Y Rubber grip, tapered and ribbed.
1328 1241 for P100, P200, P300
1053 4683 for P2000
Z **1013 2702** screw stud
AB **1012 3404** spacing bail
AC Plastic Knob (brown)
1013 3544 for P100, P200, P300
1220 6207 for P2000
AD Plastic Knob (brown)
1013 3536 for P100, P200, P300
1220 6215 for P2000
AE **1010 4198** screw
AF Form guide, left
1012 8866 beige 125
1221 4862 grey 224
AG **1013 0441** shouldered spacer
AH Carriage back plate
1020 4550 beige 125
1220 5951 grey 224
AI Roll paper guide, left
1012 8890 beige 125
1221 4862 grey 224
AJ Roll paper guide right
1012 8981 beige 125
1221 4854 grey 224
AK **1012 6878** tear-off blade
AL **1012 3610** shaft
AM Form guide, right
1012 8957 beige 125
1221 4870 grey 224
AN Carriage end cover, right
1020 4915 Beige 125
1221 4946 Grey 222
AO Platen and shaft assembly
See Plate I-69 for details of A-B-C
1020 2976 2 carbon (A) regular
1020 2984 2 carbon (B)
1020 2992 2 carbon (C)
1020 3008 5 carbon (A) regular
1020 3016 5 carbon (B)
1020 3024 5 carbon (C)
1020 3032 9 carbon (A) regular
1020 3040 9 carbon (B)
1020 3057 9 carbon (C)
AP **1013 0409** roller (28 req'd)
AQ **1012 4048** fixed guide, use 1010 6821 screws (4)
1020 3545 flexible guide, use 1024 7732 springs (4) and 1010 7290 screws (4)
AR **1027 7069** screw
AS **1010 0378** nut
AT **1010 0311** nut
AU **1256 7467** lockwasher
AV **1013 1837** limit stud
AW **1012 3503** hand tab bail
AX **1027 3183** spring
AY **1026 6252** wire anchor
AZ **1013 1365** spacer
BB **1010 0170** clip
BC **1012 3586** shaft
BD **1012 5888** side arm
BE **1012 5938** bearing arm
BF **1013 3593** rear pressure roll
BG **1012 3537** shaft
1012 3560 complete pressure roll assembly

Part Numbers Continued On Next Page

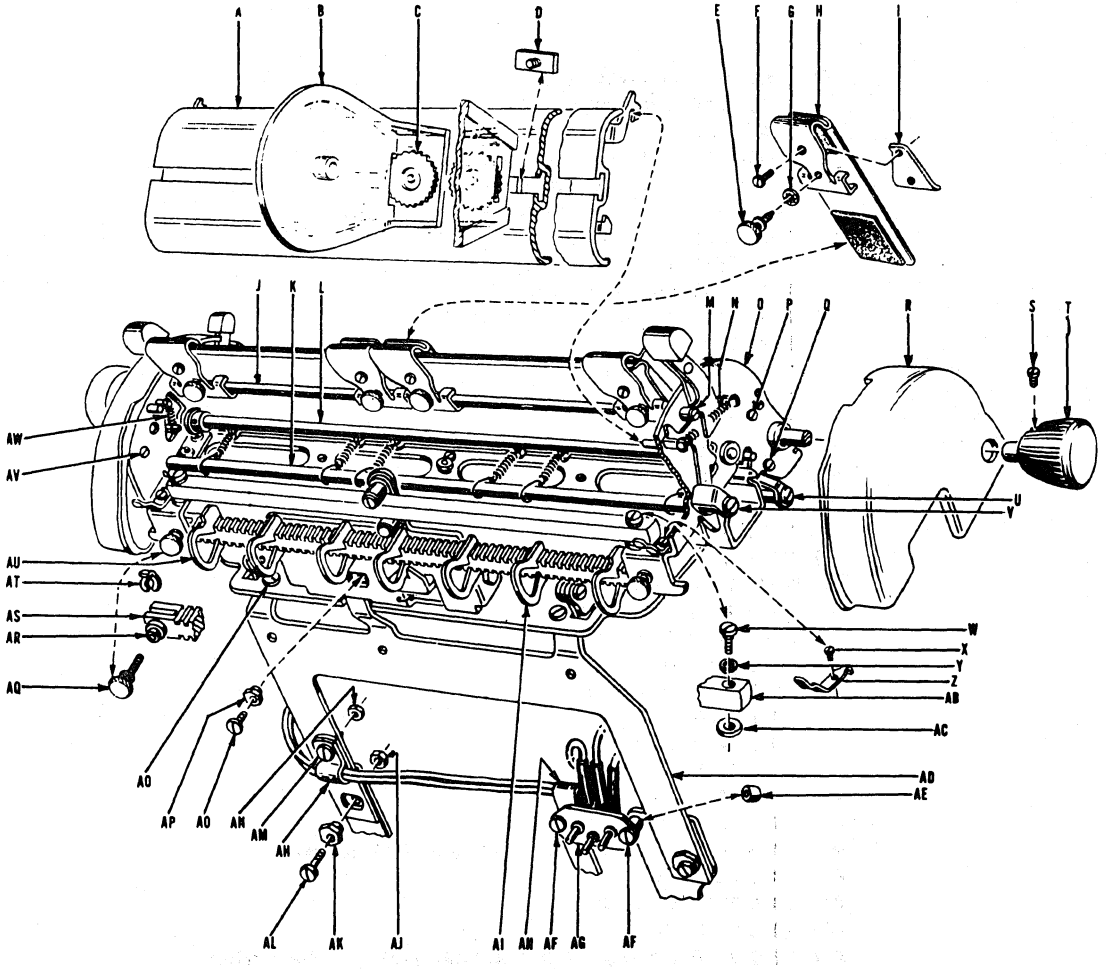
Carriage

PART NUMBERS (Plate I-26) — Continued

BH	**1013 3569**	front pressure roll
BI	**1010 9197**	screw
BJ	**1012 7173**	upper raceway
BK	**1012 7165**	lower raceway
BL	**1012 5631**	roller retainer
BM	**1026 9801**	spring
BN		Twirler, left, tapered and ribbed
	1013 0722	brown 130; P100, P200, P300
	1221 4912	brown 108; P2000
BO	**1010 5971**	screw
BP		Carriage end cover, left
	1013 3056	beige 125; P100, P200, P300
	1221 4953	grey 222, P2000
BQ	**1016 4853**	pressure roll release lever
BR	**1012 5466**	spring anchor
BS	**1012 0178**	screw
BT	**1016 5694**	detent shown
		See D for space control levers with integral latches
BU	**1010 0220**	clip
BV	**1028 7787**	spring for detent BT
BW	**1010 9197**	screw
BX	**1016 4887**	hand tab lever

Carriage

W2 CARRIAGE (12 1/4"), HAND TABULATING — REAR VIEW (Plate I-27)



PART NUMBERS (Plate I-27)

Note : See Plate I-1 for complete assembled carriages. For Series P100, P200 and P300 the carriage end covers have rounded outlines (as shown in illustration). Basic colour is Beige 125.
For Series P2100, P2200 and P2300 the carriage end covers have angular outlines (squared up corners). Grey 222 for carriage end covers and rear cover; Grey 224 for form and paper guides and backplate.

A **1013 3494** rear cover, beige 125
1053 5136 rear cover, grey 222
Use 1221 4219 latching screw (2) and 1010 0360 nut (2)
B Roll paper holder plastic
1217 4272 beige 129
1021 1423 grey 212
C **1217 4470** finger nut
D **1217 4405** clamp
E **1018 0016** knurled screw
F **1011 0047** screw
G **1256 7715** lockwasher
H Roll paper guide, left
1012 8890 beige 125
1221 4862 grey 224
I **1012 9161** clamp
J **1012 3586** shaft
K **1012 3503** tab bail
L **1012 3404** spacing bail
M **1017 2039** screw, use 1010 3968 collar
N **1017 1411** spring
O **1016 4507** carriage side frame, left
P **1012 0178** screw
Q **1010 9197** screw

Part Numbers Continued On Next Page

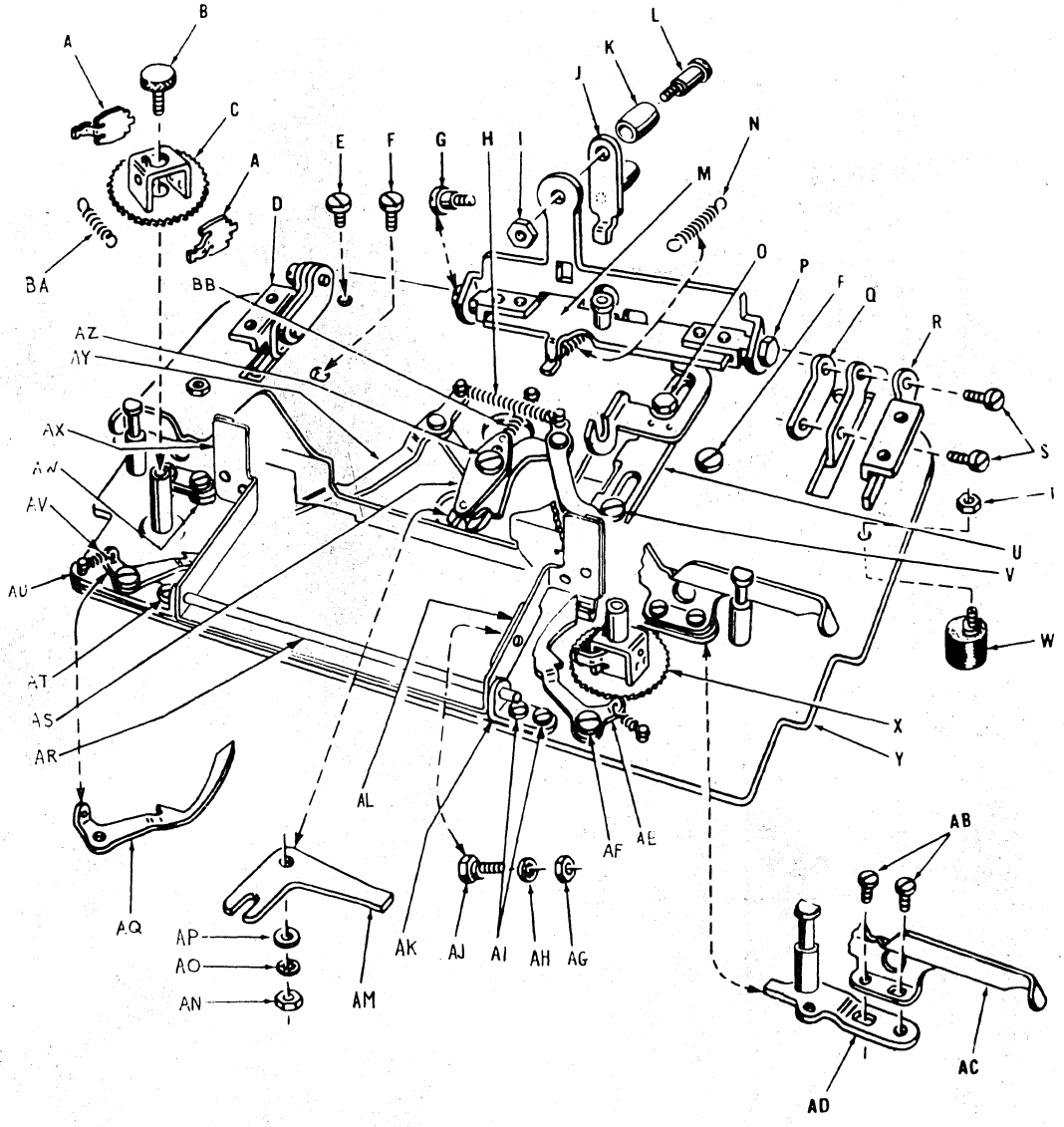
Carriage

PART NUMBERS (Plate I-27) - Continued

R		Carriage end cover, left
	1013 3056	beige 125
	1221 4953	grey 222
S	**1010 5971**	screw
T		Twirler, left, tapered and ribbed
T	**1013 0722**	brown 130; P100, P200 and P300
	1221 4912	brown 108, P2000
U	**1010 5682**	screw
V	**1017 2138**	shoulder screw
W	**1010 7241**	screw
X	**1010 6466**	screw
Y	**1256 7467**	lockwasher
Z	**1016 4747**	spring steel clamp
AB	**1016 3962**	support rail
AC	**1304 4466**	spacer
AD	**1012 7280**	adjustable support
AE	**1010 6813**	collar
AF	**1010 5161**	screw
AG	**1218 7233**	linecord receptacle
AH	**1028 7084**	plastic clip
AI	**1012 8346**	carriage stop
		See Plate I-76 for other styles
AJ	**1013 7883**	nut
AK	**1017 9802**	eccentric
AL	**1010 4305**	screw
AM	**1010 8421**	screw
AN	**1010 0378**	nut
AO	**1010 4818**	screw
AP	**1017 1999**	eccentric
AQ	**1016 7070**	knurled screw, use 1256 7715 lockwasher
AR	**1016 6544**	bushing
AS	**1016 3988**	stop bar
AT	**1010 0089**	clip
AU	**1012 8320**	carriage stop, use Plate I-76 for other styles
AV	**1010 4198**	screw
AW	**1026 9777**	spring

Carriage

W2 CARRIAGE (12 1/4"), HAND TABULATING — BASE PLATE, RIBBON MECHANISM (Plate I-28)



PART NUMBERS (Plate I-28)

A	1012 5532	friction plate
B	1016 7062	finger screw
C	1012 4618	ribbon feed wheel, left
D	1016 4945	bracket, left
E	1010 4818	screw
F	1013 1753	screw
G	1010 9387	shoulder screw
H	1027 2854	spring
I	1010 0329	nut
J	1016 6320	support plate
K	1016 6502	roller
L	1016 6932	eccentric screw
M	1020 4717	flexible limit
N	1026 9777	spring
O	1010 3737	screw
P	1010 9387	screw
Q	1012 6860	plate nut
R	1016 4952	bracket, right

Part Numbers Continued On Next Page

Carriage

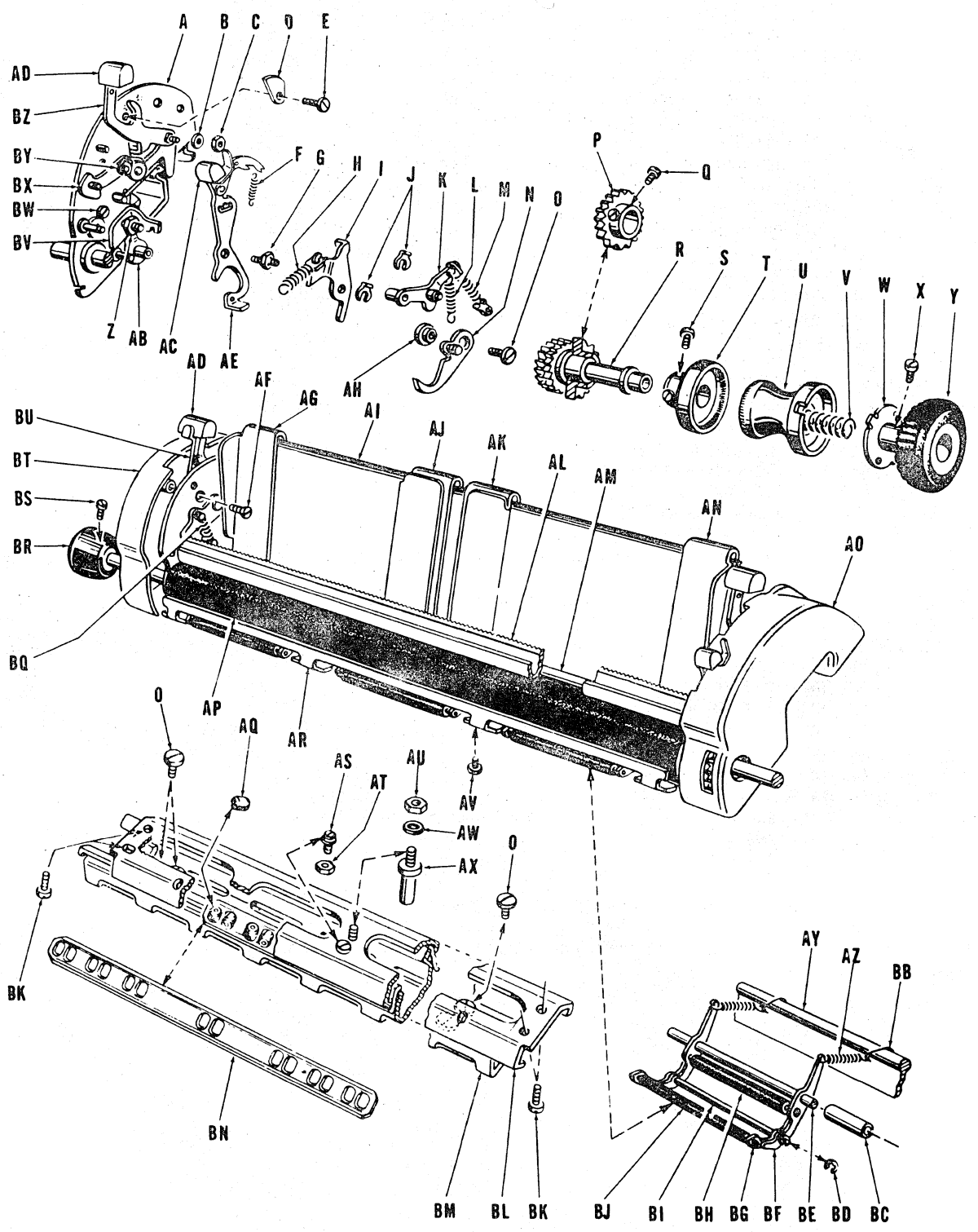
PART NUMBERS (Plate I-28) - Continued

S **1017 2583** screw
T **1010 0378** nut
U **1012 8098** feed slide
V **1010 3737** screw
W **1013 2264** eccentric shock absorber
X **1012 4634** ribbon feed wheel, right
Y See Plate I-2 for carriage base plates
AB **1010 9916** screw
AC **1012 3859** linefinder, see Plate I-77 for other styles
AD Ribbon support plate, black ribbon construction only
1012 8213 right
1012 8189 left
For black and red ribbon construction use 1010 9726 spacers (4) instead of support plates R and L
AE **1012 9526** back lash pawl, right, black and red ribbon construction only
AF **1010 7290** shoulder screw
AG **1010 0444** nut
AH **1256 7699** lockwasher
AI **1010 9619** screw
AJ **1017 9901** screw
AK **1061 9807** bracket, right
AL Part of bail assembly AX
AM **1012 4584** ribbon drive arm
AN **1010 0378** nut
AO **1256 7715** lockwasher
AP **1010 5740** shoulder collar
AQ **1012 9518** back lash pawl, left, black and red ribbon construction only. Use 1010 6839 shoulder screw
AR **1061 9849** shaft, use 1255 3129 clips (2)
AS **1012 4733** ribbon reverse detent
AT **1300 6788** screw
AU **1062 5796** bracket, left
AV **1027 6871** spring
AW **1010 9726** spacer, see AD
AX **1062 5762** ribbon lift bail, includes AG,AH,AJ,AL. See note at end of part nos.
AY **1012 4790** ribbon feed arm assembly
AZ **1013 1720** shoulder screw
BA **1028 7787** spring on friction plates for black ribbon mechanism
1044 2960 spring on friction plates for black and red mechanism
BB **1044 3158** spring

Note : The early mechanism for lifting the ribbon from black to red position is no longer obtainable. For Series P200 machines use : 1062 6620 base plate, 1062 5762 ribbon lift bail, 1061 9849 shaft, 1255 3129 clips (2), 1061 9807 bracket, right, 1062 5796 bracket, left.

Carriage

W2 (S) CARRIAGE SHUTTLE (12 1/4") - FRONT VIEW (Plate I-29)



Part Numbers On Next Page

Carriage

PART NUMBERS (Plate I-29)

Note : See Plate I-1 for complete assembled carriages. For Series P110, P210 and P310 the carriage end covers have rounded outlines (as shown in illustration). Basic colour is Beige 125.
For Series P2110, P2210 and P2310 the carriage end covers have angular outlines (squared up corners). Grey 222 for carriage end covers and rear cover; Grey 224 for form and paper guides and back plate.

A Carriage side frame, right
1016 4556 for P110, P210, P310
1221 4821 for P2100, P2210, P2310
B **1010 5575** washer
C **1010 0360** nut
D **1220 6777** adjustable limit
E **1011 0179** screw, use 1256 7442 lockwasher
F **1010 5740** spring
G **1013 2710** spring anchor screw
H **1013 3304** spring, includes eyelet
I **1012 4907** platen overthrow control pawl
J **1010 0212** clip
K **1016 4358** platen detent
L **1027 3217** spring
M **1027 6889** spring with eyelets
N **1012 4840** spacing pawl
O **1010 5682** screw
P **1040 5173** detent wheel, includes Q
Q **1010 8967** screw
R **1016 6742** assembled variable line spacer, includes P, Q, R, S and T
S **1010 9809** screw
T **1025 5024** variable only
U **1016 6783** clutch
V **1035 0684** compression spring
W Twirler, right, includes X and Y
1013 0789 for P110, P210, P300
1221 4920 for P2110, P2210, P2310
X **1010 4602** screw
Y Rubber grip (tapered and ribbed)
1328 1241 for P110, P210, P310
1053 4683 for P2110, P2210, P2310
Z **1013 2702** screw stud
AB **1012 3404** spacing bail
AC Plastic knob (brown)
1013 3536 for P110, P210, P310
1220 6207 for P2110, P2210, P2310
AD Plastic knob (brown)
1013 3536 for P110, P210, P310
1220 6215 for P2110, P2210, P2310
AE Space control lever
1020 6126 for P110, P210, P310
1053 4642 for P2110, P2210, P2310
AF **1010 4198** screw
AG Form guide, left
1012 8866 beige 125
1221 4888 grey 224
AH **1013 0441** shouldered spacer
AI Carriage back plate
1020 4550 beige 125
1220 5951 grey 224
AJ Roll paper guide, left
1012 8890 beige 125
1221 4862 grey 224
AK Roll paper guide, right
1012 8981 beige 125
1221 4854 grey 224
AL **1012 6878** tear-off blade
AM **1012 3610** shaft
AN Form guide, right
1012 8957 beige 125
1221 4870 grey 224
AO Carriage end cover, right
1020 4915 beige 125
1221 4946 grey 222
AP **1020 3008** platen and shaft assembly, 5 carbon, (A) grind
See ref. AO, Plate I-26 for other variations
AQ **1013 0409** roller (28 req'd)
AR **1012 4048** fixed guide
1020 3545 flexible guide
See AV for screw and spring detail
AS **1027 7069** screw
AT **1010 0378** nut
AU **1010 0311** nut
AV **1010 6821** screw for fixed guide
1024 7732 spring and 1010 7290 screw for flexible guide
AW **1256 7467** lockwasher
AX **1013 1837** limit stud
AY **1221 4615** hand tab bail
AZ **1027 3183** spring
BB **1026 6252** wire anchor
BC **1013 1365** spacer
BD **1010 0170** clip
BE **1012 3586** shaft
BF **1012 5888** side arm
BG **1012 5938** bearing arm
BH **1013 3593** rear pressure roll
BI **1012 3537** shaft
1012 3560 complete pressure roll assembly
BJ **1013 3569** front pressure roll
BK **1010 9197** screw
BL **1221 4847** raceway, upper
BM **1052 6051** raceway, lower
BN **1012 5631** roller retainer
BQ **1026 9801** spring
BR Twirler left, tapered and ribbed
1013 0722 for P110,P210,P310
1221 4912 for P2110, P2210, P2310
BS **1010 5971** screw

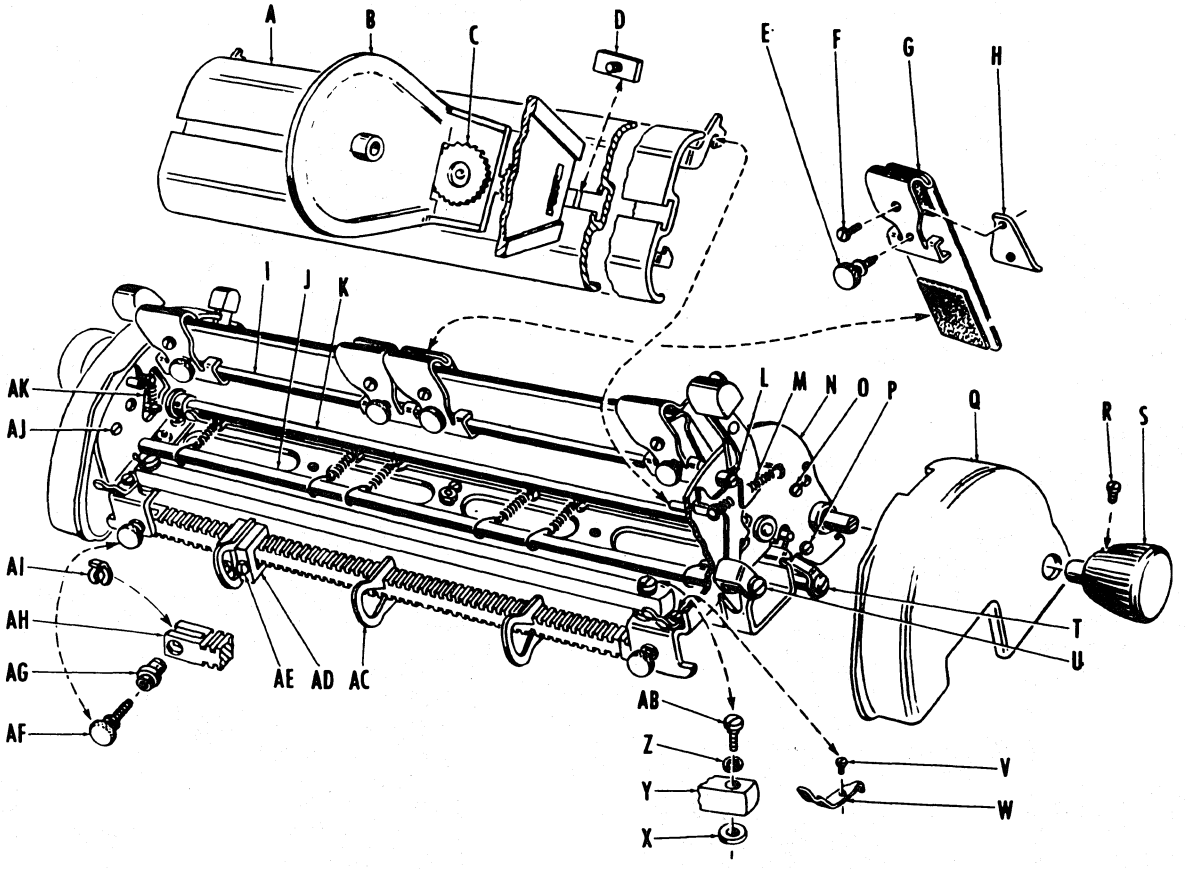
Part Numbers Continued On Next Page

Carriage

PART NUMBERS (Plate I-29) — Continued

BT Carriage end cover, left
1013 3056 beige 125
1221 4953 grey 222
BU 1016 4853 release lever for pressure rolls
BV **1012 5466** spring anchor
BW **1012 0178** screw
BX **1016 5694** detent
BY **1010 0220** clip
BZ **1016 4887** hand tab lever

W2 (S) SHUTTLE CARRIAGE (12 1/4") — REAR VIEW (Plate I-30)



PART NUMBERS (Plate I-30)

Note : See Plate I-1 for complete carriages. For Series P100, P210, P310 the carriage end covers have rounded outlines (as shown in illustration). Basic colour is beige 125.
For Series P2110, P2210 and P2310 the carriage end covers have angular outlines (squared up corners). Grey 222 for carriage end covers and rear cover; Grey 224 for form and paper guides and back plate.

Part Numbers Continued On Next Page

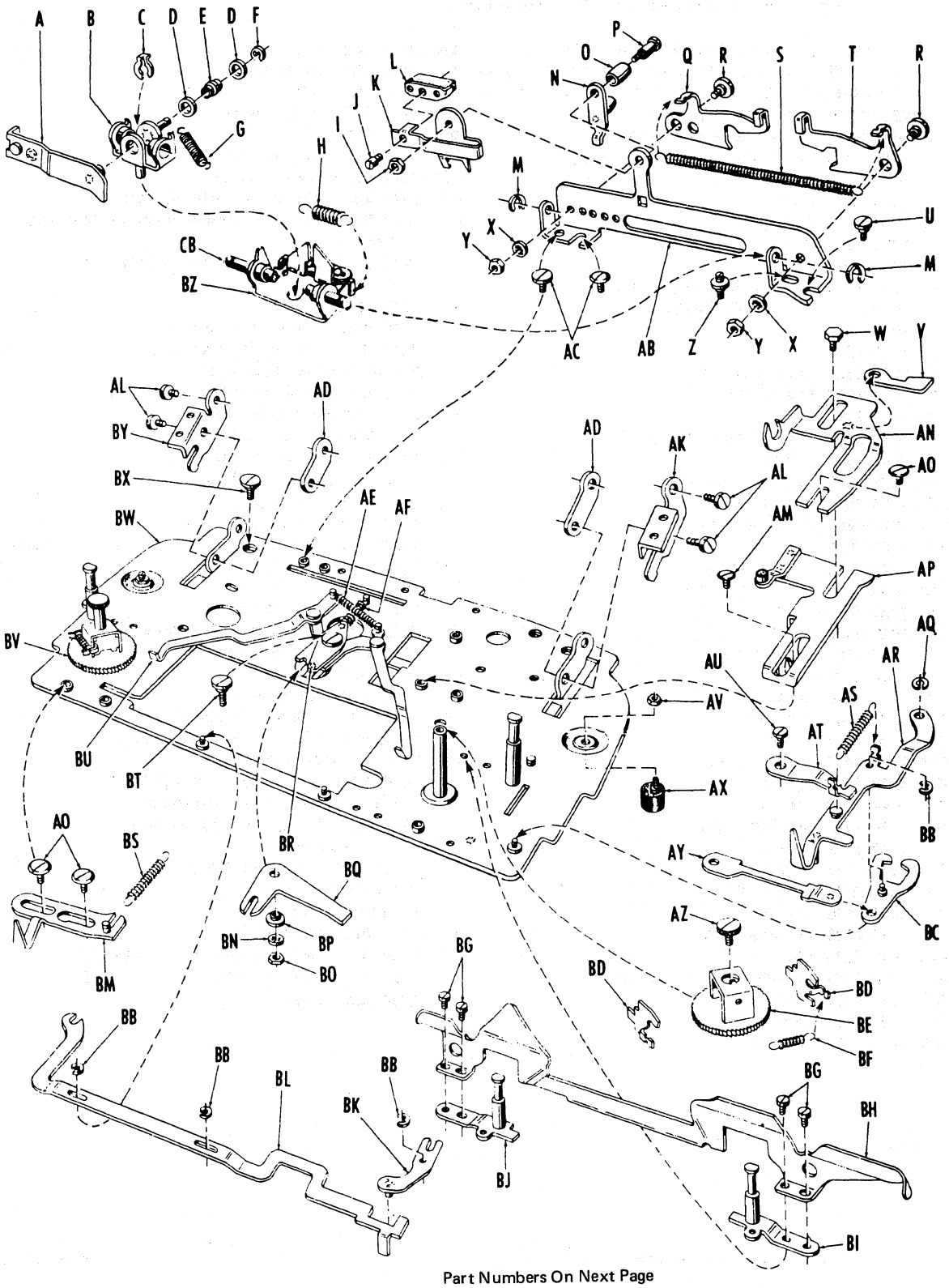
Carriage

PART NUMBERS (Plate I-30) - Continued

A **1013 3494** rear cover, beige 125
1053 5136 rear cover, grey 222
Use 1221 4219 latching screw (2) and 1010 0360 nuts (2)
B Roll paper holder, plastic
1217 4272 beige 129
1021 1423 grey 212
C **1217 4470** finger nut
D **1217 4405** clamp
E **1018 0016** knurled screw
F **1011 0047** screw, use 1256 7715 lockwasher
G Roll paper guide, left
1012 8890 beige 125
1221 4862 grey 224
H **1012 9161** clamp
I **1012 3586** shaft
J **1221 4615** hand tab bail
K **1012 3404** spacing bail
L **1017 2039** screw, use 1010 3968 collar
M **1017 1411** spring
N **1016 4507** carriage side frame, left
O **1012 0178** screw
P **1010 9197** screw
Q Carriage end cover, left
1013 3056 beige 125
1221 4953 grey 222
R **1010 5971** screw
S Twirler, tapered and ribbed
1013 0722 for P110, P210, P310
1221 4912 for P2110, P2210, P2310
T **1010 5682** screw
U **1017 2138** shoulder screw
V **1010 6466** screw
W **1016 4747** spring steel clamp
X **1304 4466** spacer
Y **1016 3962** support rail
Z **1256 7467** lockwasher
AB **1010 7241** screw
AC **1012 8346** carriage stop, see Plate I-76 for other styles
AD **1053 9856** support block
AE **1027 6525** screw, included in AD
AF **1016 7070** knurled screw, use 1256 7715 lockwasher
AG **1016 6544** bushing
AH **1016 3988** stop bar
AI **1010 0089** clip
AJ **1010 4198** screw
AK **1026 9777** spring

Carriage

W2 (S) SHUTTLE CARRIAGE (12 1/4") – BASE PLATE DETAIL AND RIBBON MECHANISM (Plate I-31)



Part Numbers On Next Page

Carriage

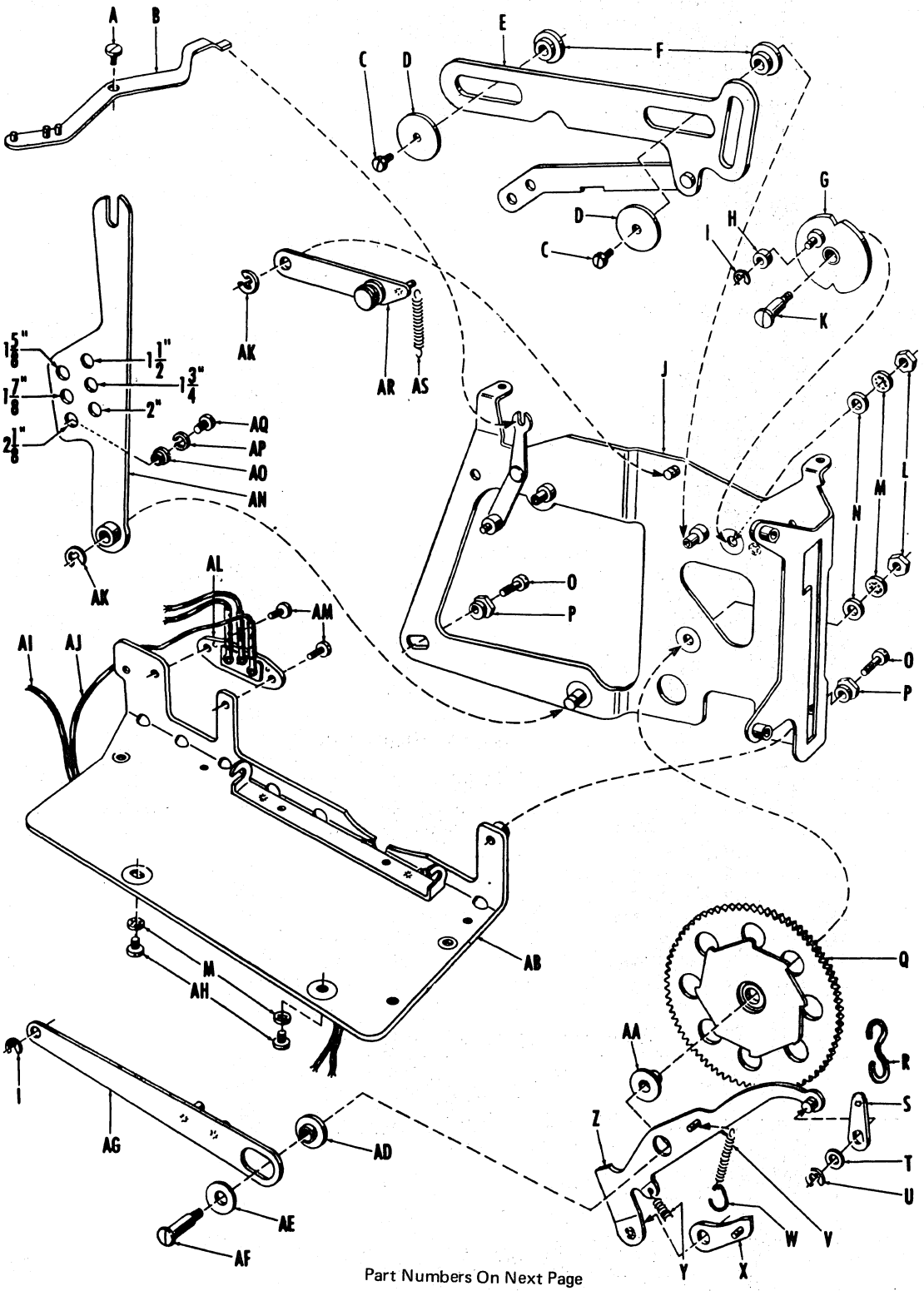
PART NUMBERS (Plate I-31)

Note : See Plate I-28 for black and red ribbon mechanism

A Use 1220 6579 link, 1645 3235 sliding bearing, 1027 2755 spring (2), 1645 3227 spring, 1220 6611 flexible stop 1053 3388 shift arm before P1544791S
1220 6579 link, after P154790S
B See Ref. A for machines before P154791S
1645 3235 sliding bearing, after P154790S
C 1010 0089 clip
D 1053 5375 roller
E 1220 6876 bush
F 1255 3129 clip
G 1027 2755 spring
H 1229 7537 spring, before P154791S
1645 3227 spring, after P154790S
I 1010 0410 nut
J 1013 1571 screw
K 1220 6827 brake bracket
L 1012 8007 brake pad
M 1026 7060 clip
N 1016 6320 support for roller O
O 1016 6502 roller
P 1016 6932 eccentric screw
Q 1229 7511 detent, left
R 1220 6868 shoulder screw
S 1229 7578 spring
T 1229 7529 detent, right
U 1053 2869 shoulder screw
V 1229 7487 latch
W 1028 9445 screw
X 1010 4362 lockwasher
Y 1010 0428 nut
Z 1028 9445 screw
AB 1220 6686 bracket
AC 1028 9445 screw
AD 1012 6860 anchor plate
AE 1027 2854 spring
AF 1044 3158 spring
AK 1016 4952 bracket, right
AL 1017 2583 screw
AM 1010 3737 screw
AN 1053 3370 feed slide
AO 1028 9445 screw
AP 1220 6785 spacing slide
AQ 1010 0220 clip
AR 1229 7479 register selection lever
AS 1027 6913 spring
AT 1220 6553 detent
AU 1220 6736 shoulder screw
AV 1010 0378 nut
AX 1013 2264 shock absorber
AY 1229 7461 link
AZ 1016 7062 finger screw
BB 1010 0170 clip
BC 1220 6934 non-add hook
BD 1012 5532 friction plate
BE 1012 4634 ribbon feed wheel, right
BF 1028 7787 spring for black ribbon mechanism, shown
1044 2960 spring for black and red ribbon mechanism
BG 1010 9916 screw
BH 1220 4863 line finder, grey 222
1220 4871 line finder, grey 203
BI Ribbon support plate, right
1012 8213 for black ribbon mechanism
BJ Ribbon support plate, left
1012 8189 for black ribbon mechanism
BK 1220 6728 interlock lever
BL 1220 6702 interlock slide
BM Shuttle control lever
1229 7495 (shown with stud)
1220 6538 without stud, but with hole for spring
BN 1256 7715 lockwasher
BO 1010 0378 nut
BP 1010 5740 shoulder spacer
BQ 1012 4584 ribbon drive bellcrank
BR 1012 4733 ribbon reverse detent
BS 1027 2870 spring
BT 1013 1720 shoulder screw
BU 1012 4790 ribbon arm assembly
BV 1012 4618 ribbon feed wheel, left
BW Carriage base plates
1220 5142 for Series P110, P2110, P310 and P2310 - black ribbon mechanism
1221 4649 for Series P210 - black and red ribbon mechanism
1220 5118 for Series P2210 - black and red ribbon mechanism
BX 1016 1495 screw
BY 1016 4945 bracket, left
BZ See Ref. A for machines before P154791S
1220 6611 flexible stop after P154790S
CB 1220 6447 shaft

Carriage

W2 (S) SHUTTLE CARRIAGE (12 1/4") – SHUTTLE MECHANISM (Plate I-32)



Part Numbers On Next Page

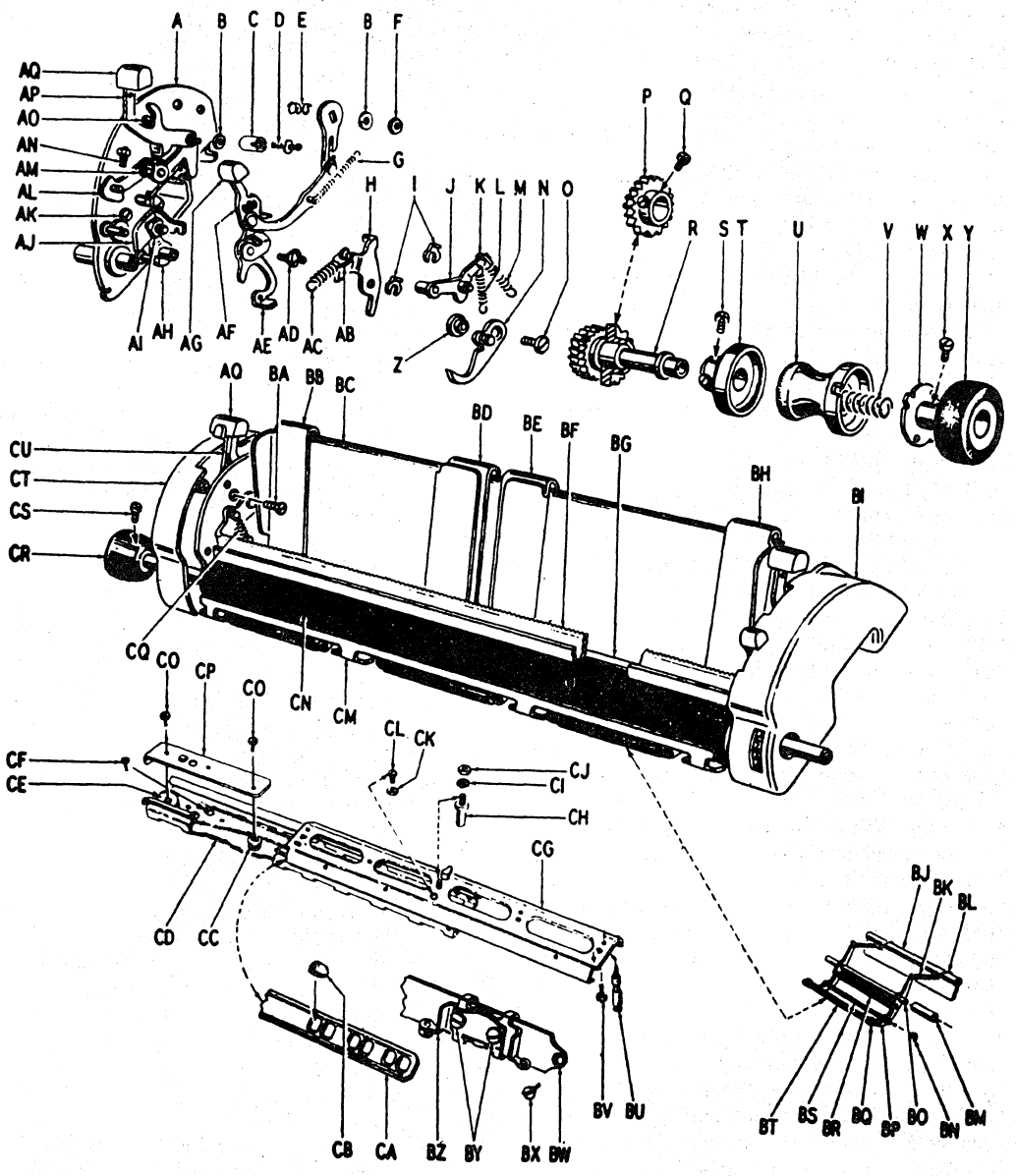
Carriage

PART NUMBERS (Plate I-32)

A	1028 9445	screw
B	1220 2206	shuttle control lever
C	1010 5377	screw
D	1229 7552	washer
E	1052 9097	drive link
F	1220 8153	flanged roller
G	1052 9089	intermediate gear and detent plate
H	1220 8138	roller
I	1300 1490	clip
J	1220 7668	back plate
K	1220 8120	shoulder screw
L	1010 0311	nut
M	1010 354	lockwasher
N	1012 8221	washer
O	1010 4305	screw
P	1220 2552	eccentric
Q	1052 9071	gear and ratchet plate assembly
R	1220 2495	wire link
S	1220 2487	link for R
T	1028 9494	washer
U	1026 7060	clip
V	1014 7619	spring
W	1026 6252	wire anchor
X	1052 9717	drive pawl
Y	1011 3074	spring
Z	1220 7825	drive pawl lever
AA	1220 8179	flanged bushing
AB	1220 2347	rear support
AD	1220 8179	flanged bushing
AE	1028 7324	washer
AF	1052 9105	shoulder screw
AG	1220 7783	shuttle blocking slide
AH	1010 5401	screw
AI	1220 7114	handle switch and lead wire assembly
	1220 7346	lead wire only, handle switch to right side of AL
AJ	1220 7114	handle switch and lead wire assembly
	1220 7338	lead wire only, handle switch to motor
AK	1342 6762	clip
AL	1218 7233	line cord receptacle
AN	1053 3388	shift arm
AO	1220 8112	eccentric
AP	1256 7467	lock washer
AQ	1220 8104	screw
AR	1220 7742	detent arm
AS	1026 9439	spring

Carriage

CARRIAGES (12 1/4"), TABULATING - FRONT VIEW (Plate I-33)



PART NUMBERS (Plate I-33)

Note : See Plate I-1 for complete assembled carriages. For Series P400 the 'B' carriage end covers are die-cast and the basic colour is Grey 203. For Series P5000 the 'B' carriage end covers are of moulded plastic. The colour of the end covers is Blue 711, with Grey 227 for the form and paper guides and the carriage back plate. For Great Britain a small quantity of 'B' carriages (with an alternative colour arrangement) were supplied for A.B.C. machines. The alternative colours are Green 616 for the carriage end covers and Grey 224 for the form and paper guides and the carriage back plate.

Part Numbers On Next Page

Carriage

PART NUMBERS (Plate I-33) - Continued

A Carriage end plate, right
1016 4549
1218 4982 for Series P5000
B **1010 5575** washer
C **1013 1480** sleeve nut
D **1017 1296** spring anchor screw
E **1011 3124** compression spring
F **1010 0360** nut
G **1026 9892** spring
H **1012 4907** platen overthrow check pawl
I **1010 0212** clip
J **1016 4341** platen detent
K **1026 5783** spring eyelet, part of M
L **1027 3217** spring
M **1013 3155** spring, used for carriages without anchor AJ
1027 6889 spring, used with AJ
N **1012 4840** spacing pawl
O **1010 5682** screw
P Detent wheel
1040 5173 part of R, 1016 6742 and 1016 6726 for 1/6" spacing
1013 0607 part of R, 1016 6767 for 0" 1/4" spacing
1016 6593 part of R, 1016 6775 for 1/2" spacing
1016 6619 part of R, 1016 6759 for 0", 1/6" and 1/3" spacing
Q **1025 6162** screw, use for all parts R except 1016 6767
1017 1387 screw, use for R, 1016 6767
R Spacing assembly (variable) includes P
1016 6742 for 1/6" spacing
1016 6726 for 1/6" spacing and split platen
1016 6759 for 0", 1/6" and 1/3" spacing
1016 6767 for 0", 1/4" spacing
1016 6775 for 1/2" spacing
S **1010 9809** screw
T **1025 5024** variable only
U **1016 6783** variable clutch
V **1035 0684** compression spring
W Twirler on right, includes X and Y
1020 6795 rubber colour, brown
1218 6367 rubber colour, grey
1224 5809 rubber colour, blue
X **1010 4602** screw
Y Rubber grip
1020 9278 brown
1218 6557 grey
1224 5791 blue
Z **1013 0441** shoulder collar
AB **1026 5981** spring eyelet, part of AC
AC **1013 3304** spring includes AB
AD **1013 2710** screw used with AE and AF, as shown
1011 0120 screw used with AF fitted with notched latch, use 1013 1415 shouldered spacer between AE and Af
AE Spacing control arm
1016 5769 for 'B' carriage
1016 5785 for 1/2" spacing
1012 8692 for TA carriage
1016 5744 on left side of 'B' carriage, platen split, use 1010 0220 clip
AF Spacing control lever
1016 6007 for 0", 1/6" and 1/3" spacing, without latch
1016 6015 for 0", 1/4" spacing, without latch
1020 6100 for 1/2" spacing, without latch
1020 6092 for 'B' carriage Series P400, with latch
1218 5013 for 'B' carriage Series P5000, with latch
AG Plastic knob
1016 7252 brown
1218 6185 grey
1224 5775 blue
AH **1012 3404** spacing bail
AI **1013 2702** screw stud
AJ **1012 5466** spring anchor
AK **1012 0178** screw
AL Platen detent
1016 5694 shown, 'B' carriage
1016 5702 'B' carriage, platen split
AM **1010 0220** clip
AN **1026 9892** spring, used for latch of AF
1028 7787 spring, shown
AO **1011 0179** screw, use 1256 7442 lockwasher 1220 6892 adjustable limit
AP **1016 4887** hand tab lever
AQ Plastic knob
1016 7260 brown
1218 6193 grey
1224 5783 blue
BA **1010 4198** screw for die cast end covers
1035 0890 screw for plastic end covers
BB Form guide, left
1221 4888 grey 224
1224 5734 grey 227
1016 5876 grey 204
BC Carriage back plate
1220 6068 grey 203
1224 5742 grey 227
1220 5951 grey 224

Part Numbers Continued On Next Page

Carriage

PART NUMBERS (Plate I-33) — Continued

BD Roll paper guide, left
- **1221 4862** grey 224
- **1224 5734** grey 227
- **1016 5884** grey 203

BE Roll paper guide, right
- **1016 5918** grey 203
- **1221 4854** grey 224
- **1224 5726** grey 227

BF **1012 6878** tear-off blade

BG **1012 3610** shaft, use 1012 0178 screws

BH Form guide, right
- **1016 5900** grey 203
- **1221 4870** grey 224
- **1224 5700** grey 227

BI Carriage end cover, right
- **1016 7146** grey 203, die-cast
- **1016 7161** grey 203, 1/2" spacing, die cast
- **1218 4941** green, plastic
- **1218 2200** blue, plastic
- **1224 3218** post for front hub of plastic end cover R and L

BJ Hand tab bail
- **1012 3503** for 12 1/4" carriages
- **1012 3529** for 'B' carriages

BK **1027 3183** spring

BL **1026 6252** wire clip

BM **1013 1365** spacer

BN **1010 0170** clip

BO **1012 3586** shaft

BP **1012 5888** pressure roll side arm

BQ **1012 5938** pressure roll support

BR **1013 3593** pressure roll, rear

BS **1012 3537** shaft only
1012 3560 complete pressure roll assembly

BT **1013 3569** pressure roll, front

BU **1013 1985** screw stud and anchor for tab. spring 1013 3247

BV **1010 9197** screw

BW **1012 9625** control roll mounting bar

BX **1035 0890** countersunk head screw

BY **1010 5393** screw

BZ Control roll mountings
- **1012 9641** for control of rotary calendar feature
- **1012 9658** for control of rotary calendar feature, S.A.C.T. (12 1/4") pass book carriage No. 1
- **1012 9690** for control of enforced total and subtotal mechanism, Class 9 minus balance machines

CA **1012 5631** raceway roller retainer, requires 28 rollers CB
1039 7347 retainer with built in rollers (early)

CB **1013 0409** raceway rollers, 28 required

CC **1013 0961** smallguide roller for tab spring 1013 3247

CD Lower raceway
- **1016 5108** for 'B' carriage
- **1012 7132** for other 12 1/4" tab carriages except pass book
- Use 1012 7140 raceway, 1012 5631 roll retainer (2) and 1013 0409 rollers (28), before P143169D for 12 1/4" passbook carriage
- **1012 7140** for 12 1/4" passbook carriage, after P143169D

CE **1013 0979** large guide roller for tab spring 1013 3247

CF **1010 5682** screw

CG **1012 7181** lower raceway

CH **1013 1837** limit post
1013 1852 limit post for 12 1/4" split carriage, use 1010 5526 collar

CI **1256 7467** lockwasher

CJ **1010 0311** nut

CK **1010 0378** nut

CL **1027 7069** screw

CM **1012 4048** rigid form guide, requires 1010 6821 screws
1020 3545 flexible form guide, requires 1024 7732 compression springs (4), 1010 7290 screws (4)

CN Platen and shaft assembly, see Plate I-69 for details of code A-B-C
- **1020 2976** 2 carbon A
- **1020 2984** 2 carbon B
- **1020 2992** 2 carbon C
- **1020 3008** 5 carbon A
- **1020 3016** 5 carbon B
- **1020 3024** 5 carbon C
- **1020 3032** 9 carbon A
- **1020 3040** 9 carbon B
- **1020 3057** 9 carbon C

Split platen assemblies (split 9 7/8" x 2 3/8")
- **1020 2901** 5 carbon A
- **1020 2919** 5 carbon B
- **1020 2927** 5 carbon C
- **1020 2935** 9 carbon A
- **1020 2943** 9 carbon B
- **1020 2950** 9 carbon C

CO **1010 5476** screw

CP **1013 0003** cover for tab spring 1013 3247

CQ **1026 9801** spring

CR Twirler, left, includes CS
- **1016 6676** brown
- **1218 6177** grey
- **1224 5767** blue

CS **1010 5971** screw

CT Carriage end cover, left
- **1016 7112** grey 203, die cast

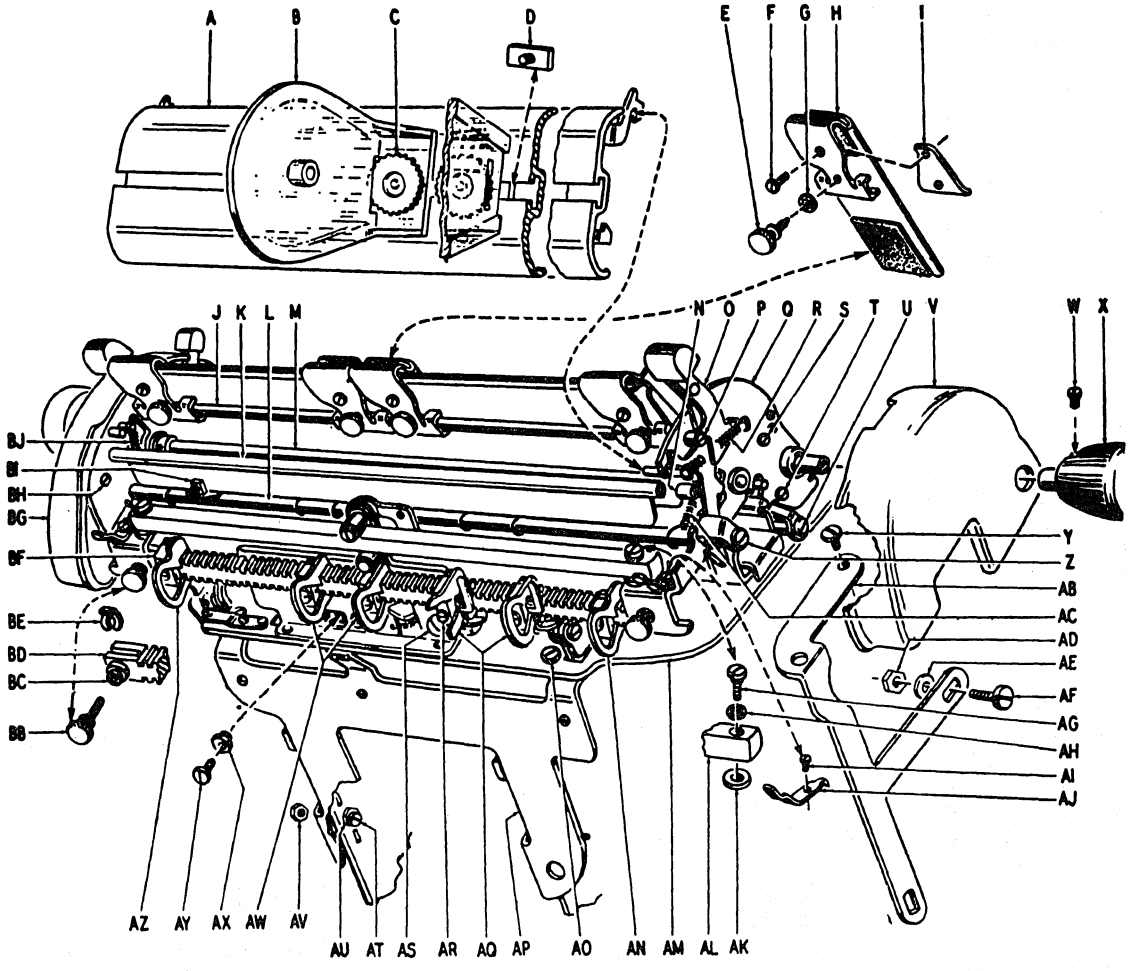
Part Numbers Continued On Next Page

Carriage

PART NUMBERS (Plate I-33) - Continued

CT **1016 7138** grey 203, die cast, for split platen carriage
1218 4933 green, plastic
1218 2218 blue, plastic
1219 1045 blue, plastic for split platen carriage
1224 3218 post for front hub of plastic cover R and L
CU Pressure roll release lever
1016 4853 (shown)
1012 5813 for TA carriage

CARRIAGES (12 1/4"), TABULATING - REAR VIEW (Plate I-34)



PART NUMBERS (Plate I-34)

See Note on Plate I-33 regarding 'B' carriage colours

Part Numbers On Next Page

Carriage

PART NUMBERS (Plate I-34) - Continued

A Cover for rear of 'B' carriage
- **1016 7211** grey
- **1218 6292** green
- **1218 2184** blue
- Use 1221 4219 latching screw (2) and 1010 0360 nut (2)

B Roll paper holder, plastic
- **1021 1423** grey
- **1218 6433** blue

C **1217 4470** knurled nut
D **1217 4405** clamp
E **1018 0016** knurled screw
F **1011 0047** screw
G **1256 7715** lockwasher
H See Plate I-33, refs. BB,BD,BE and BH for form and paper guides
I **1012 9161** clamp
J **1012 3586** shaft
K Spacing control bail
- **1016 4127** for 'B' carriage
- **1012 3669** for TA carriage

L Hand tab bail
- **1012 3529** for 'B' carriage
- **1012 3503** for other tab carriages

M **1012 3404** spacing bail
N **1012 5979** pressure roll release bail
O Pressure roll release lever
- **1016 4853** for 'B' carriage
- **1012 5813** for TA carriage

P **1017 2039** shoulder screw, use 1010 3968 roller
Q Carriage side frame, left
- **1016 4507** shown
- **1218 4966** for 'B' carriage with plastic end cover
- **1219 1011** for 'B' carriage with plastic end cover and split platen

R **1017 1411** spring
S **1012 0178** screw
T **1010 9197** screw
U **1010 5682** screw
V See Plate I-33 ref. CT for left end covers
W **1010 5971** screw
X See Plate I-33 ref. CR for left platen twirlers
Y **1013 2918** screw
Z **1017 2138** shoulder screw

AB **1020 5888** brace
AC **1027 3183** spring, use 1026 6252 clip
AD **1010 0402** nut
AE **1010 8736** washer (.040")
AF **1028 8793** screw
AG **1010 7241** shoulder screw
AH **1256 7467** lockwasher
AI **1010 6466** screw
AJ **1016 4747** spring clamp
- See A for mating screw in rear cover

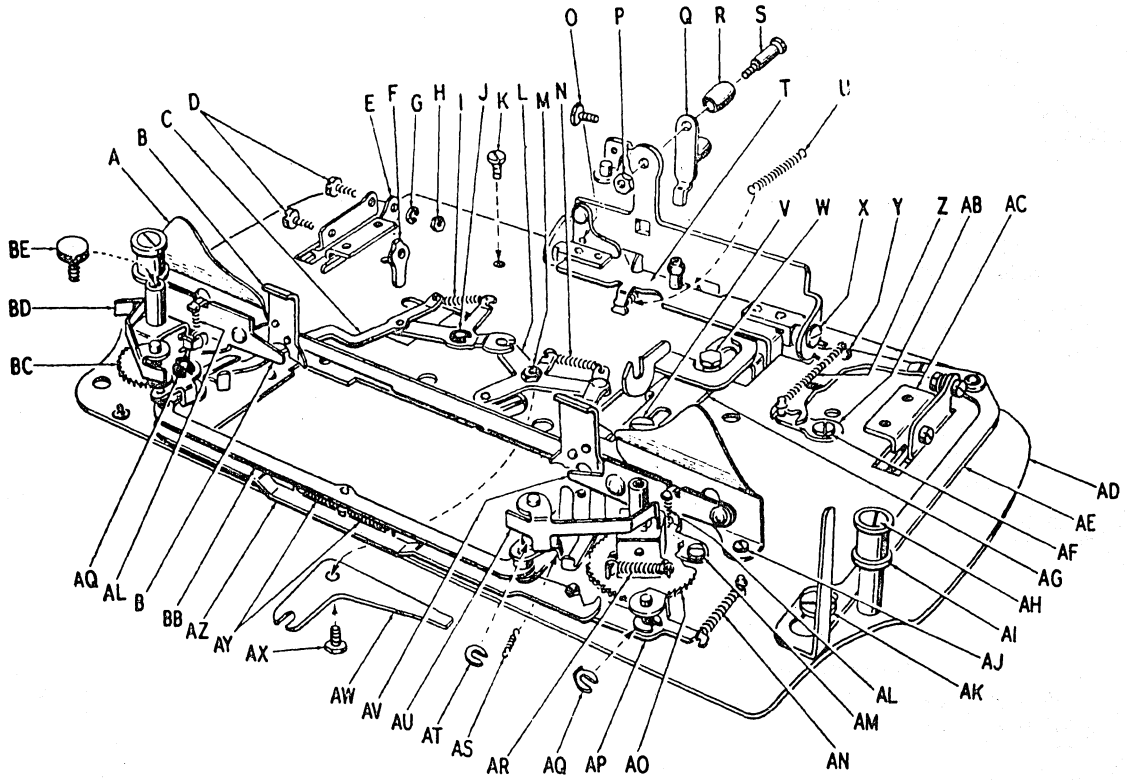
AK **1304 4466** spacer
AL **1016 3962** support bar
AM See Plate I-2 for base plate detail and Plate I-35 for detail of tabulating mechanism
AN **1012 8395** manual tab stop
AO **1013 1753** screw
AP Brace, supports rear of carriage
- **1044 7878** shown, for early machines
- For brace which is fixed to machine sub-base use 1020 5896 brace, 1020 8874 upper anchoring brackets (2), 1010 4818 screws for fixing brackets to brace (4), 1010 3851 screws for fixing brace to sub-base (2) - late style machines only

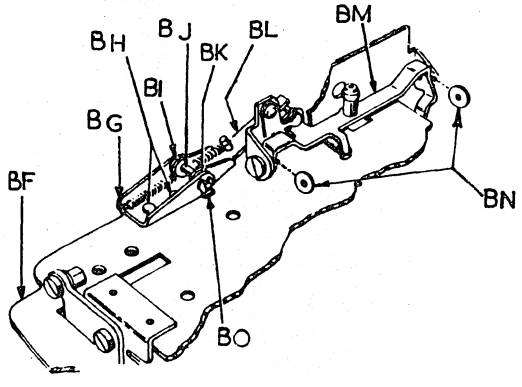
AQ **1016 5553** skip, tab stop
AR **1023 7972** screw, part of BF
AS **1010 5682** screw
AT **1010 9981** screw
AU **1026 2616** eccentric
AV **1010 0378** nut
AW **1012 8346** tabulating stop
AX **1017 1999** eccentric
AY **1010 4818** screw
AZ **1012 8320** non-tab stop
BB **1016 7070** knurled screw, use 1256 7715 lockwasher
BC **1016 6544** bushing
BD **1016 3988** stop bar
BE **1010 0089** clip
BF **1013 3023** support block for carriage stops, includes AR
BG See Plate I-33 ref. BI for right end covers
BH **1010 4198** screw for die-cast end cover
- **1256 0868** screw for plastic end cover

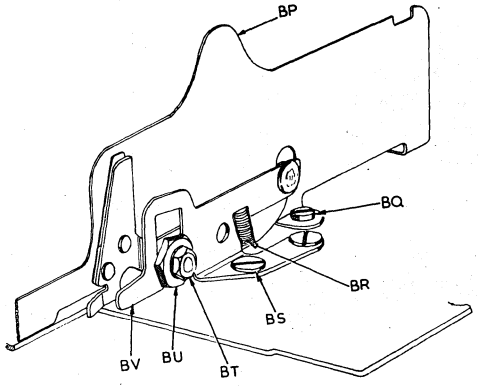
BI **1016 6346** formed ear, use 1010 5203 screw
BJ **1026 9777** spring

Carriage

B CARRIAGE (12 1/4"), TABULATING - BASE PLATE DETAIL, RIBBON AND TABULATING MECHANISM (Plate I-35)







Part Numbers On Next Page

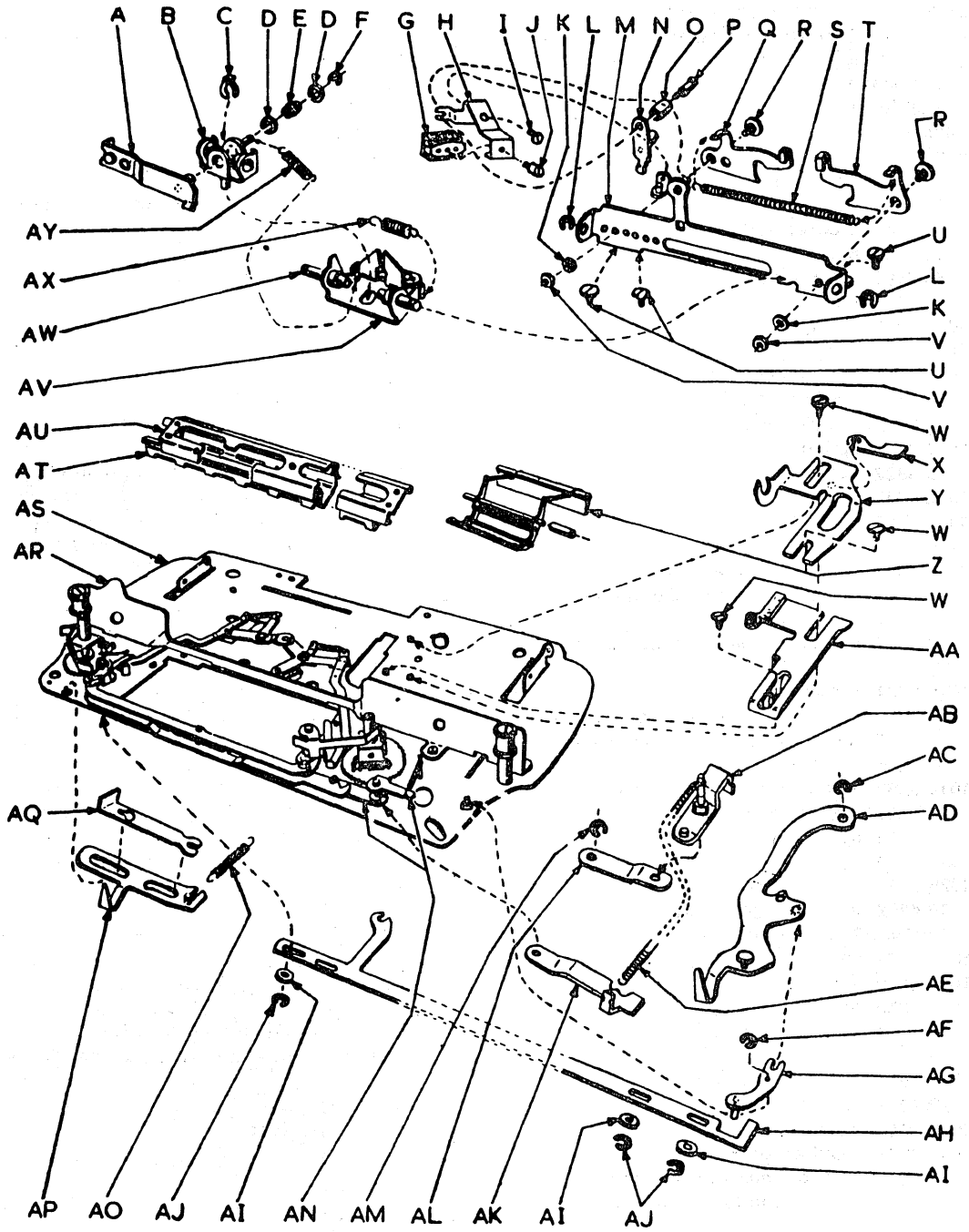
Carriage

PART NUMBERS (Plate I-35)

A Line finder (shown) - Use late line finder BP, drill and top carriage baseplate (No. 37 drill and 1/8" tap) using BP as a template for the additional holes
See BP for line finders
B Ribbon guide, left
Part shown no longer available, see BV
C **1016 4184** ribbon feed arm
D **1017 2583** screw
E **1016 4945** bracket, left
F **1016 5009** nut
G **1256 7459** lockwasher
H **1010 0410** nut
I **1027 2045** spring
J **1010 0220** clip
K **1013 1753** carriage holding down screw
L **1016 4200** ribbon feed arm
M **1010 9742** shoulder nut
N **1027 2045** spring
O **1010 5682** screw
P **1010 0329** nut
Q **1016 6320** support bracket
R **1016 6502** roller
S **1016 6932** eccentric screw
T **1044 9080** flexible limit bail shown (early), see BM for late style bail
U **1026 9777** spring for early and late style bail
V **1010 3737** screw
W **1010 3737** screw; use 1010 0146 screw and 1015 1454 spacer when there is no guide hub in base plate
X **1010 9387** screw; use this screw and 1010 4982 washer with bail BM
Y **1010 6136** spring anchor screw
Z **1026 6922** spring
AB **1026 6922** detent for AE
AC **1016 4952** bracket, right
AD See Plate I-2 for base plates
AE **1016 6304** non-tab lever
AF **1017 1288** screw
AG **1016 5330** feed slide
AH **1010 4248** screw
AI Guide roller
1016 6692 for 7/16" ribbon
1020 6811 for 1/2" ribbon
AJ **1010 5195** screw
AK **1017 2328** shoulder screw
AL **1343 0681** spring (shown), see BR for compression spring in late style lifter BV
AM **1018 0289** screw
AN **1011 3074** spring
AO Ribbon feed wheel, right
1012 4634 used with 7/16" ribbon
1020 3784 used with 1/2" ribbon
AP **1016 4986** detent
AQ **1010 0220** clip
AR **1028 7787** spring
AS **1053 2158** spring
AT **1010 0220** clip
AU **1016 6296** ribbon reverse sensing finger, right
AV Ribbon guide, right
Part shown no longer available, see BV
AW **1012 4584** ribbon feed bellcrank
AX **1018 0032** shoulder screw
AY **1027 1989** spring
AZ **1016 4390** ribbon reverse control link
BB **1016 4754** ribbon reverse link
BC Ribbon feed wheel, left
1012 4618 used with 7/16" ribbon
1020 3792 used with 1/2" ribbon
BD **1016 6288** ribbon reverse finger left
BE **1016 7062** finger screw
BF See Plate I-2 for base plates
BG Bracket, part of base plate; if required separately 1020 8767
BH **1015 2221** rivet
BI **1010 9858** washer
BJ **1020 8791** shaft
BK **1010 4743** washer
BL **1020 8783** rocker arm and limit
BM **1020 6662** tabulating bail
BN **1010 4982** washer
BO **1010 0212** clip
BP Line finder
1020 8189 used without rotary calendar feature
1020 8213 used with rotary calendar feature
BQ **1010 5195** screw
BR **1023 8509** compression spring
BS **1018 0289** screw
BT **1010 0378** nut, use 1256 7715 lockwasher
BU **1020 8361** adjusting eccentric
BV Ribbon lift assembly, includes BR, BT and BU
1020 5219 left
1020 5235 right

Carriage

B(S) SHUTTLE CARRIAGE (12 1/4") - BASE PLATE DETAIL (Plate I-36)



Part Numbers On Next Page

Carriage

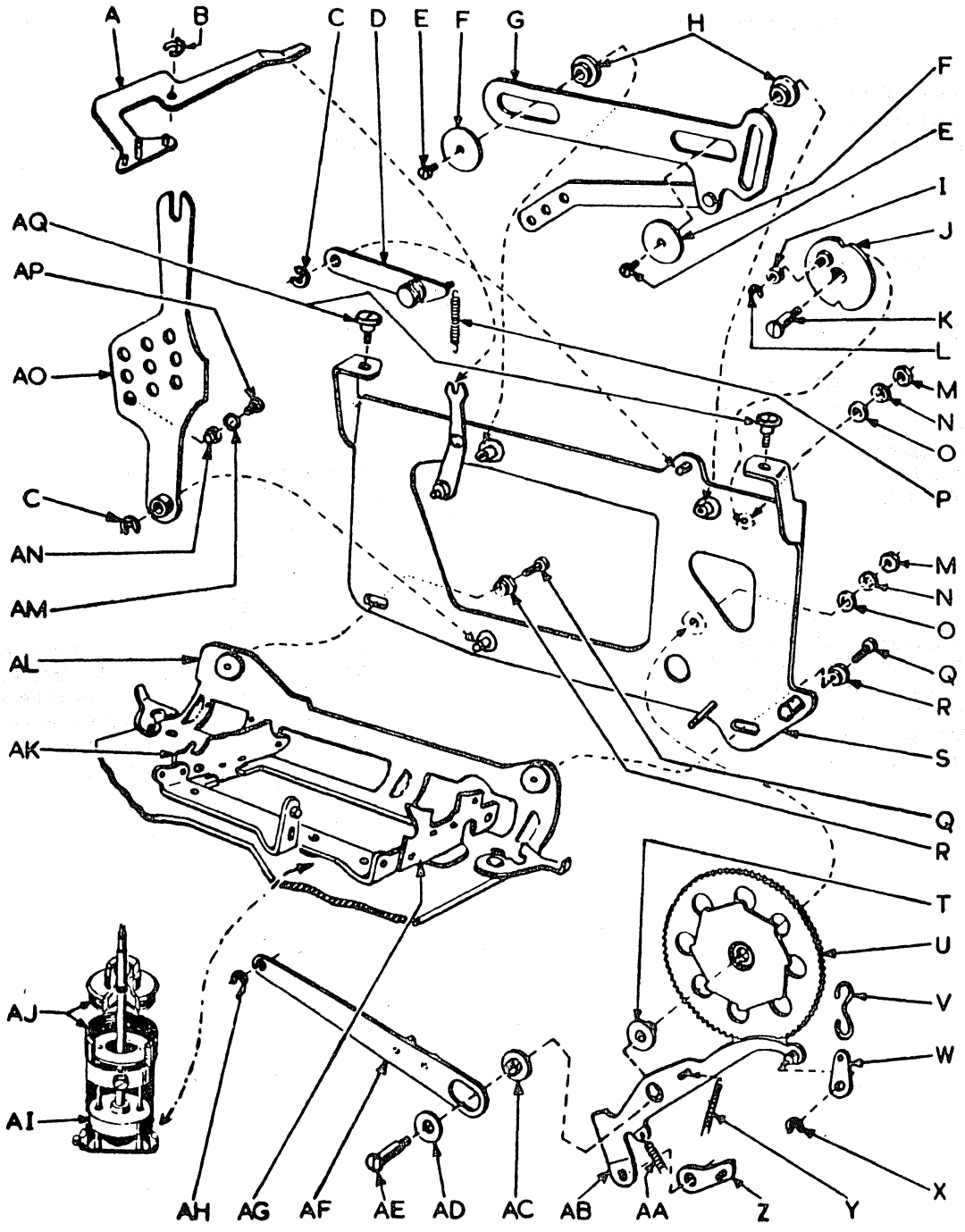
PART NUMBERS (Plate I-36)

Note : See Plate I-1 for complete assembled carriages. For upper carriage detail see Plates I-33 and I-34.

A **1215 5446** link
B **1645 3235** sliding bearing
C **1010 0089** clip
D **1053 5375** roller
E **1220 6876** bush
F **1255 3129** clip
G **1012 8007** brake pad
H **1215 5529** bracket for G
I **1010 5476** screw
J **1013 1571** screw
K **1010 4362** lockwasher
L **1026 7060** clip
M **1215 5495** support bracket
N **1016 6320** support bracket
O **1016 6502** roller
P **1016 6932** eccentric screw
Q **1215 5453** carriage detent, left
R **1220 6868** shoulder screw
S **1229 7578** spring
T **1229 7529** carriage detent, right
U **1028 9445** screw
V **1010 0428** nut
W **1010 3737** screw
X **1229 7487** spacing latch
Y **1053 3370** spacing slide
Z **1215 5511** hand tab bail
AA **1215 5321** spacing slide
AB **1215 5404** non-add hook
AC **1255 3145** clip
AD Register selection lever
1215 5503 for two register machines
1215 7228 for single register machines
1224 3622 for two register A.B.C. machines (Great Britain only)
AE **1027 6913** spring
AF **1010 0170** clip
AG **1215 5388** interlock lever
AH **1215 5479** interlock slide
AI **1010 4743** washer
AJ **1255 3103** clip
AK **1215 5370** detent
AL **1215 5396** link
AM **1300 1490** clip
AN **1215 5362** detent
AO **1027 7424** spring
AP **1215 5461** shuttle control lever
AQ **1019 5337** clip
AR **1215 5438** line-finder
AS See Plate 1-2, for carriage bottom plates
AT **1215 5420** lower raceway
AU **1012 7181** upper raceway
AV **1220 6611** flexible stop
Part shown, with spring ears pointing downward, may be used for Series P100, P200, P300, P2000 and P400 shuttle carriage machines (but not P5000). Redesigned part with spring ears pointing upward, is usuable on all styles of shuttle carriage machines including P5000.
AW **1215 5354** shuttle shaft
AX **1645 3227** spring
AY **1027 2755** spring

Carriage

B(S) SHUTTLE CARRIAGE (12 1/4") - SHUTTLE MECHANISM (Plate I-37)



Part Numbers On Next Page

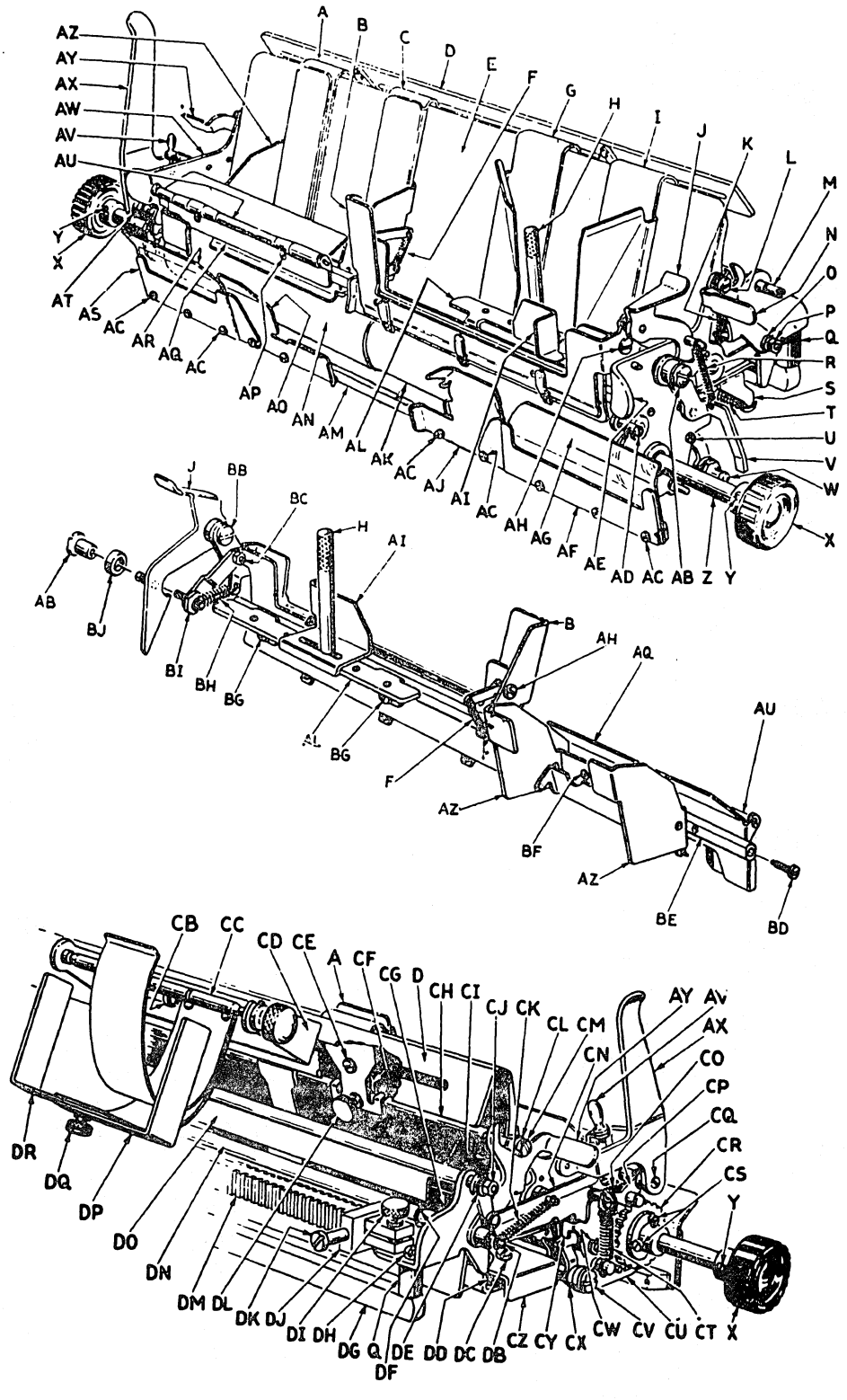
Carriage

PART NUMBERS (Plate I-37)

A	1215 5545	shuttle control lever
B	1010 0220	clip
C	1342 6762	clip
D	1220 7742	detent arm
E	1010 5377	screw
F	1229 7552	washer
G	1215 5172	yoke assembly
H	1220 8153	flanged roller
I	1220 8138	roller
J	1052 9089	pinion and detent
K	1220 8120	screw
L	1300 1490	clip
M	1010 0311	nut
N	1010 4354	lockwasher
O	1012 8221	washer
P	1027 7457	spring
Q	1010 4305	screw
R	1220 2552	eccentric
S	1215 5107	back plate assembly
T	1220 8179	flanged bush
U	1052 9071	gear and segment
V	1220 2495	wire hook
W	1220 2487	link
X	1342 6762	clip
Y	1044 3141	spring
Z	1052 9717	drive pawl
AA	1011 3074	spring
AB	1220 7825	drive pawl lever
AC	1220 8187	flanged bush
AD	1028 7324	washer
AE	1052 9105	screw
AF	1215 5099	shuttle blocking slide
AG	1215 5966	side frame, right
AH	1300 1490	clip
AI	1215 6709	plunger shaft assembly
AJ	1218 7076	complete dashpot for shuttle machines
AK	1215 5958	side frame, left
AL	Sub-base assembly	
	1215 5594	for P400 shuttle
	1218 6565	for P5000 shuttle
AM	1067 1816	lockwasher
AN	1220 8112	eccentric
AO	1215 5214	adjustable arm
AP	1220 8104	screw
AQ	1215 5347	screw

Carriage

X PASSBOOK CARRIAGE (12 1/4") - FRONT AND REAR VIEWS (Plate I-38)



Carriage

PART NUMBERS (Plate I-38)

See Plate I-1 for complete assembled carriages

A Roll paper guide, left
1012 8890 beige 125
1221 4862 grey 224
B **1012 6563** passbook guide, use 1013 3460 (3) rubber buttons
C Roll paper guide right
1012 8981 beige 125
1221 4854 grey 224
D **1012 5748** support plate for roll paper holder, use 1013 2041 screws (2)
E Carriage back plate
1012 8825 beige 125
1216 3929 grey 224
F **1027 3399** spring
G Form guide, left
1012 8916 beige 125
1216 3903 grey 224
H **1013 2819** knurled screw
I Form guide, right
1012 9005 beige 125
1216 3911 grey 224
J **1012 8734** manual closing lever
K **1026 9777** spring
L **1013 2751** limit stop screw
M **1013 1480** slotted nut
N **1012 5839** hand tab lever
O **1010 5575** washer
P **1010 0360** nut
Q **1013 1407** spacer
R **1047 5952** spring
S **1012 5664** spring anchor, use 1010 9197 screw
T **1013 3247** spring
U **1010 9197** screw
V **1012 9120** lever
W **1013 2637** screw
X Twirlers, left and right
1013 0672 beige
1016 6676 brown 100
1013 0722 brown 130
Y **1010 5898** set screw, included in X
Z Platen assembly, includes left hand side frame. See Plate I-69 for detail of code A-B-C
1038 9039 9 carbon (A)
1038 9047 9 carbon (B)
1038 9054 9 carbon (C)
AB **1013 2363** tapped screw stud
AC **1010 9072** screw
AD **1012 0178** screw
AE Carriage side frame, right
1012 5250 grey 203
AF **1020 3446** guide
AG **1013 3429** plastic guide
AH **1027 6699** screw
AI **1012 9138** form guide
AJ **1020 3396** line finder
AK Platen, see Z
AL **1012 9153** bracket for AI
AM **1020 4923** linefonder assembly complete, includes AC, AF, AG, AJ, AO, AR and AS
AN Platen, see Z
AO **1020 3404** line finder
AP **1010 5708** screw
AQ **1012 9021** guide and roller bracket, includes AU
AR **1013 3411** plastic guide
AS **1020 3453** guide
AT **1013 1498** spacer
AU **1012 3768** roller, included in AQ
AV **1012 8718** space control lever, use 1013 1415 collar, 1035 2268 screw, 1026 9892 spring
AW Carriage side frame, left
1012 5219 grey 203
AX **1012 5474** manual return lever
AY **1012 5813** pressure roll release lever
AZ **1012 9047** form guide, use 1010 5708 screws (2)
BB **1010 5393** screw
BC **1010 0444** nut
BD **1012 0178** screw
BE **1012 3602** shaft and bracket assembly
BF **1010 5708** screw
BG **1027 6533** screw
BH **1027 1997** spring
BI **1013 2637** spring anchor screw
BJ **1013 1308** spacer
CB **1025 6154** screw, use 1010 0329 nut
CC **1020 3271** paper roll shaft
CD Roll paper holder (shown) no longer available
Use 1020 3925 bracket assembly, 1020 3958 paper guide (2), 1020 3271 roll paper shaft, 1010 4354 lockwasher (2), and 1067 6088 knurled nut (2).
CE **1011 0047** screw
CF **1012 9161** clamp
CG **1027 3183** spring
CH **1012 3586** shaft
CI **1013 3387** spring
CJ **1010 0360** nut
CK **1026 9892** spring
CL **1026 6393** spring anchor
CM **1010 6110** screw
CN **1012 8668** spacing control link
CO **1013 3304** spring
CP **1012 4659** platen detent
CQ **1010 3794** screw, use 1013 1498 spacer
CR **1013 0581** detent wheel

Part Numbers Continued On Next Page

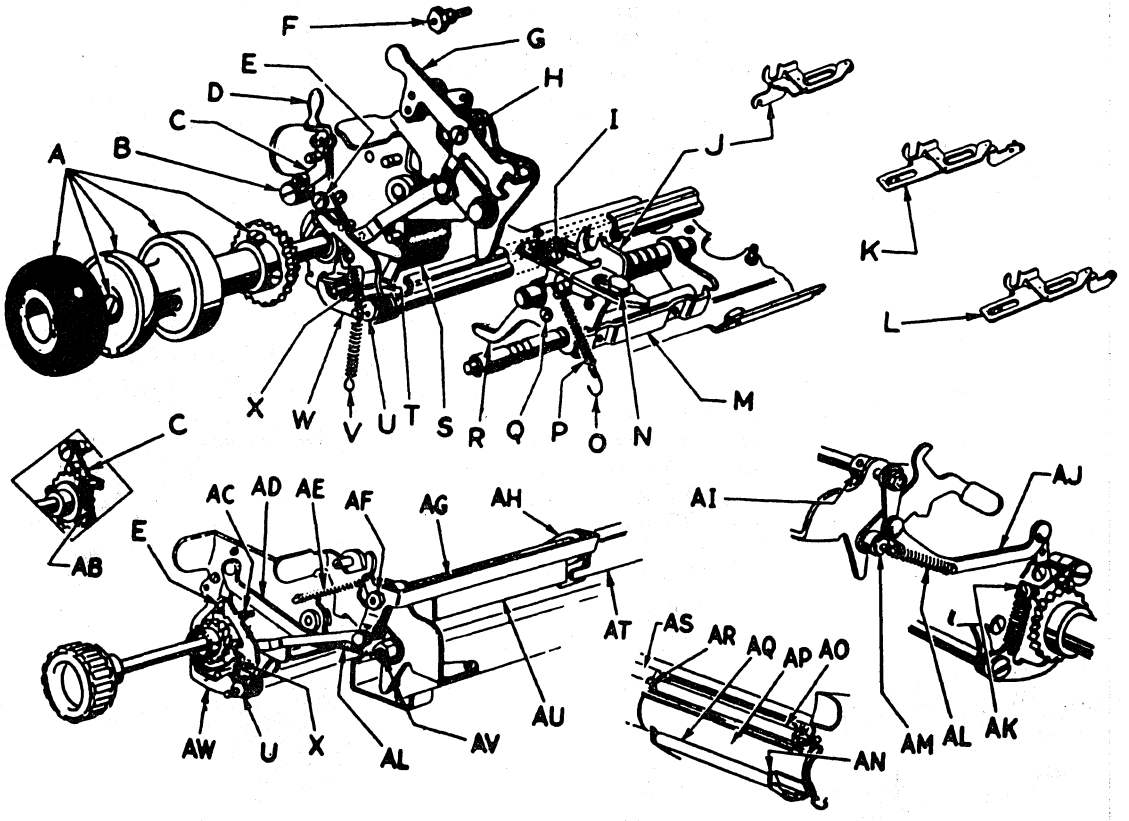
Carriage

PART NUMBERS (Plate I-38) - Continued

CS	1010 7183	screw
CT	1013 3155	spring, includes eyelet
CU	1012 4857	feed pawl
CV	1010 8017	screw
CW	1010 0212	clip
CY	1012 4923	platen overthrow check pawl
CZ	1013 0003	cover plate and limit
DB	1013 2751	spring screw stud
DC	1010 5476	screw
DD	1013 3247	tab spring
DE	1010 5575	washer
DF	1026 6252	wire spring anchor
DG	1039 3312	square support rail
DH	1044 2762	screw
DI	1010 5468	knurled screw
DJ	1013 3031	support block for carriage stop
DK	1010 3398	screw
DL	1018 0016	knurled screw
DM	1027 2771	stop bar
DN	1012 3503	stop bail
DO	1012 3669	spacing control bail
DP	Guide (shown), no longer available See CD for consistency	
DQ	1067 6088	knurled screw, use 1010 4354 lockwasher
DR	Guide (shown), no longer available See CD for consistency	

Carriage

PLATEN SPACING ADJUSTABLE - 0", 1/6", 1/3", 1/2" - CARRIAGE (12 1/4)
(Plate I-39)



PART NUMBERS (Plate I-39)

A See Plate I-25 for form space variable part numbers
B **1010 4602** screw
C **1039 5333** platen detent
D **1012 8643** space control lever
E **1017 2450** screw
F **1035 0486** screw
G **1040 2063** control lever and link
H **1017 1288** shoulder screw
I **1010 3737** screw for feed slide
J **1012 8080** feed slide for regular carriage
K **1012 8049** feed slide, with short stud for tabulating carriage
1012 8056 feed slide, with long stud, 12 1/4" S carriage only
L **1040 1164** feed slide, for tally roll carriage
M **1014 6363** hammer latch bail
N **1010 3737** screw; use 1011 0146 screw and 1015 1454 spacer when there is no guide hub in base plate
O **1026 6252** wire clip
P **1014 7635** spring, 10 col. const.
1014 7643 spring, 13 col. const.
Q **1010 5377** screw
R **1014 7437** booster arm
S See Plate I-25 for W carriage platen; use 1039 6026 carriage side frame, right
T **1039 5523** pawl, feeds on forward stroke, use 1013 0441 collar

Part Numbers Continued On Next Page

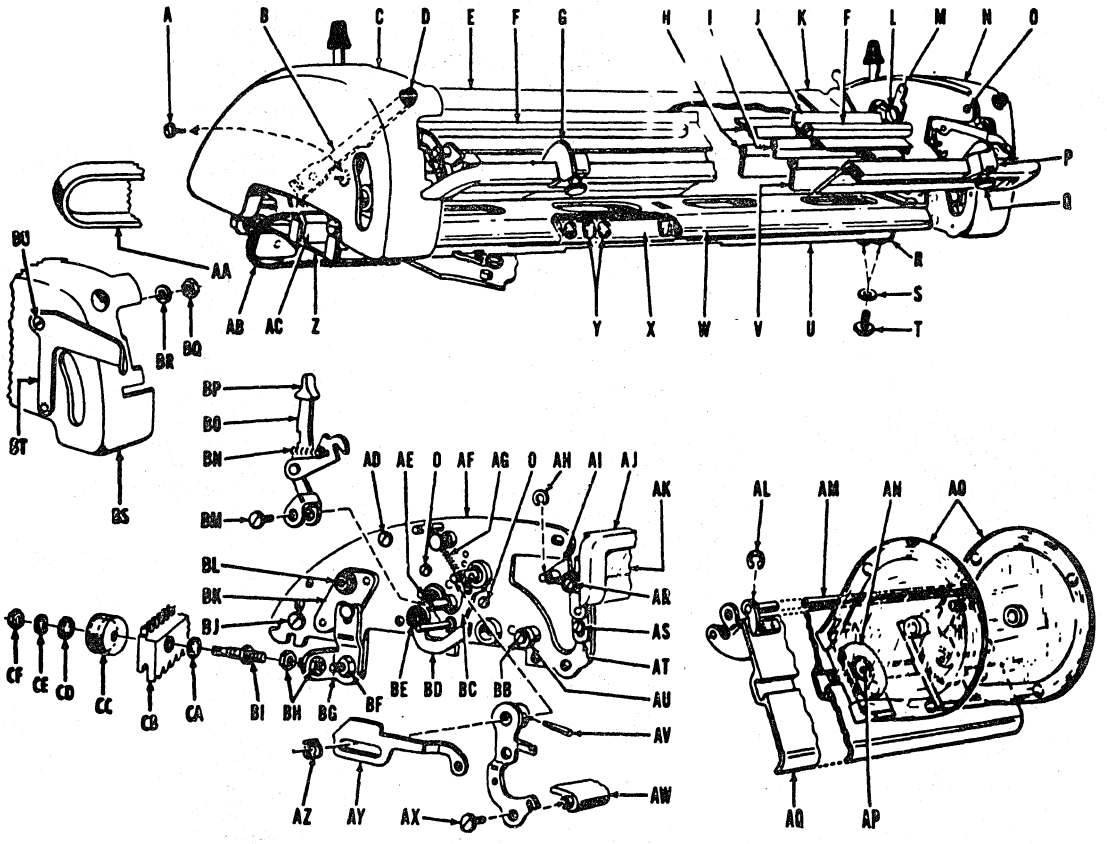
Carriage

PART NUMBERS (Plate I-39) - Continued

U	**1023 8475**	shoulder screw stud, use 1010 4982 washer
V	**1014 7627**	spring for detent C
W	**1046 1689**	pawl, feeds on return stroke
X	**1026 9868**	spring for T
AB	**1026 9439**	spring
AC	**1643 1736**	pawl, feeds on forward stroke
AD	**1040 2212**	link
AE	**1027 6574**	spring
AF	**1028 7332**	shoulder nut, use 1010 9726 washer
AG	**1227 9907**	bail
AH	**1643 1181**	brace use 1010 4610 screw and 1010 0360 nut
AI	**1027 6434**	set collar, use 1010 9700 screw
AJ	**1012 8668**	link
AK	**1012 4659**	platen detent
AL	**1027 6319**	spring
AM	**1013 2660**	screw stud
AN	**1227 9923**	complete assembled pressure roll hanger for 3" split
AO	No longer available	
AP	See Plate I-69 for platens for respective carriages	
AQ	**1227 9931**	small pressure roll
	1013 3593	large pressure roll
AR	**1027 7028**	screw
AS	No longer available	
AT	**1643 1207**	bail
AU	**1643 1199**	bail
AV	**1017 1296**	screw stud, use 1061 4477 hex nut and 1010 5575 washer
AW	**1643 0373**	pawl, feeds on return stroke

Carriage

C CARRIAGE (15") FRONT FEED, MANUAL OPEN, TABULATING - FRONT VIEW (Plate I-40)



PART NUMBERS (Plate I-40)

Note : This carriage is no longer available as a complete assembly. There will also be non-availability of individual parts as stocks are gradually exhausted.

A **1017 1783** screw
B **1044 8413** slide
C **1044 9189** cover, use 1018 0974 rubber sleeve
D **1020 7256** knob
E **1020 6076** ledger table
F **1016 4036** spacing shaft assembly
G **1044 9262** ledger guide, left, use 1044 8371 clamp
H **1044 6847** regular, tab and carriage controlled spacing bails
I **1051 2788** pressure roll opening bail
J **1044 8173** ledger deflector
K **1016 5967** rear form guide
L **1010 5682** screw, use 1010 5880 shoulder collar
M **1044 8645** bellcrank limit
N **1044 9221** cover, use 1018 0974 rubber sleeve
O **1012 0178** screw
P **1044 9270** ledger guide, right, use 1044 8371 clamp
Q **1030 4301** knurled screw
R **1016 6197** carriage rail end bracket, right
S **1010 4354** lockwasher
T **1018 0354** screw

Part Numbers Continued On Next Page

Carriage

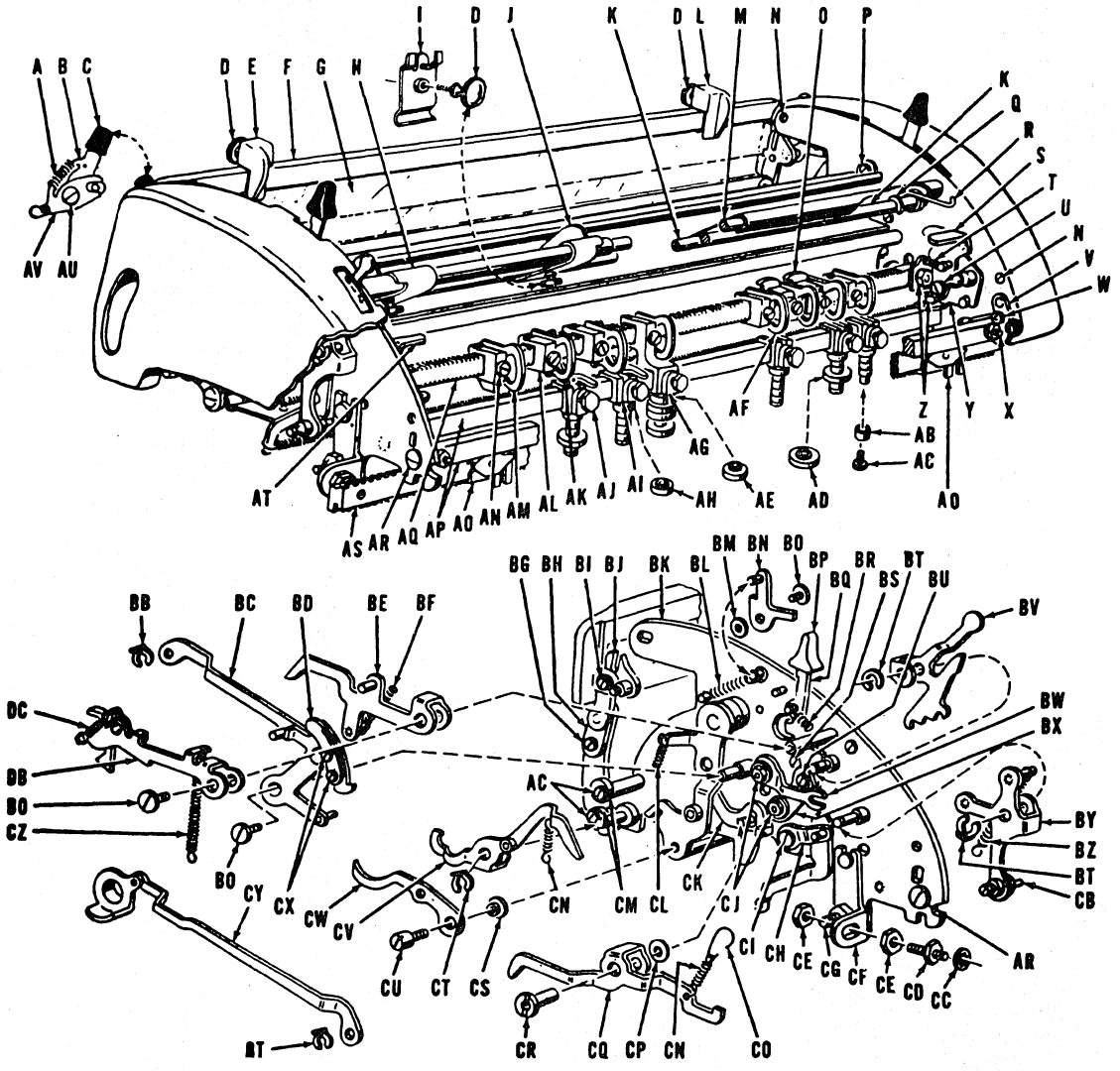
PART NUMBERS (Plate I-40) - Continued

U **1020 7173** front rail
V **1044 6854** interlock bail
W **1020 4444** upper raceway
X **1016 4762** roll retainer
Y **1013 0409** roller bearing
Z **1016 6189** carriage rail end bracket, left
AA Tab. spring cover
1020 5789 left
1020 5797 right
Use 1010 4248 screws
AB **1018 0685** tab spring
AC **1020 7181** rear rail
AD **1010 6110** screw
AE **1010 0360** nut, use 1010 4164 washer
AF **1044 7332** side frame, left
AG **1027 6574** spring
AH **1010 0154** clip
AI Use 1044 8538 and 1044 3553 left and right brackets, 1044 7944 and 1044 7936 right and left retaining plates, 1033 2948 link assembly 1033 3466 bushings (2), 1035 1021 lower screws (2) for retaining plates, 1010 8983 upper screws (2) for retaining plates, 1256 7715 lockwashers (4) 1010 0378 nuts (4) for machines not equipped with automatic aligning table closing mechanism
1044 8520 bracket on later machines (already equipped for automatic aligning table closing)
AJ **1033 3342** line finder frame
AK **1044 9320** plastic line finder. To prevent line finder falling out of frame AJ use 1033 3797 retainers (2), 1010 5161 screws (2) and 1010 0378 nuts (2)
AL **1300 1474** clip
AM **1016 4093** deflector shaft
AN **1217 4470** finger nut
AO **1021 1423** plastic roll paper holder
AP **1217 4405** clamp
AQ **1016 7229** rear cover
AR **1017 2880** screw
AS **1010 4214** screw
AT See consistency for AI
1044 7936 retaining plate only
AU **1016 6478** eccentric roll
AV **1026 7185** pin (.096")
AW **1016 3954** space bail
AX **1010 5682** screw
AY **1016 6031** interlock link
AZ **1010 0220** clip

BB **1010 8991** screw
BC **1044 8710** bellcrank
BD **1016 6023** interlock arm
BE **1010 0360** nut, use 1010 4552 washer
BF **1017 2534** screw, use 1017 4902 washer
BG Use 1034 0222 (left) 1022 7536 (right) bracket, 1022 7874 and 1022 8278 screw posts, 1010 4354 (4) lockwashers, 1017 2534 screws (2) on machines before P271277D
1034 0222 bracket (left) on machines after P271276D
BH **1010 0337** nut
BI Use same consistency as for BG on machines before P271277D
1022 7874 screw post on machines after P271276D
BJ **1017 1841** eccentric screw, use 1010 0386 nut
BK **1044 8850** adjusting plate
BL **1010 0402** nut, use 1010 8736 washer
BM **1010 4248** screw
BN **1011 3074** spring
BO **1044 7654** lever
BP **1016 7286** plastic knob
BQ **1010 0378** nut
BR **1256 7715** lockwasher
BS **1020 7074** cover, left
BT **1044 7258** manual carriage return lever
BU **1010 4693** screw
CA **1010 4354** lockwasher
CB **1015 5281** rack bar
CC **1017 9760** eccentric roll
CD **1010 4982** washer
CE **1256 7442** lockwasher
CF **1010 0378** nut

Carriage

C CARRIAGE (15"), FRONT FEED, MANUAL OPEN, TABULATING - REAR VIEW (Plate I-41)



PART NUMBERS (Plate I-41)

Note : This carriage is no longer available as a complete assembly. There will also be non-availability of individual parts as stocks are run down.

A **1029 3124** spring
B **1016 6049** bellcrank, includes C
C **1020 7256** plastic knob
D **1030 4301** knurled nut, use 1044 8371 clamp
E **1044 9270** front form guide, use 1044 8371 clamp
F **1033 3342** line finder frame
G **1044 9320** plastic linefinder. To prevent linefinder from falling out of frame F, use 1033 3797 retainers (2), 1010 5161 screws (2) and 1010 0378 nuts (2)
H **1016 5967** rear formguide, right
I **1044 8504** clamp

Part Numbers Continued On Next Page

Carriage

PART NUMBERS (Plate I-41) - Continued

J **1016 5934** rear form guide, left
K **1016 3905** support shaft
L **1044 9262** front form guide, use 1044 8371 clamp
M **1016 4085** support shaft
N **1010 4198** screw
O Part shown (no longer available), use stop with space cam, see Plate I-76
P **1010 6821** screw
Q **1010 0147** clip
R Torsion spring for rear cover
1018 0818 for left
1018 0800 for right
S **1016 6130** latch
T **1027 5840** spring
U **1030 4665** screw
V Support bar bracket
1016 4218 left
1016 4226 right
W **1010 0386** nut, use 1010 3406 screw
X **1018 0396** screw, use 1010 4362 lockwasher and 1010 0436 nut for Series P601
1016 7013 adjusting screw, use 1010 0436 nut for Series P602
Y Bracket for stop and control bar
1044 6987 left side, before P378998D and P141420S
1020 5383 left side, after P378997D and P141419S
1020 5375 right side
Z **1010 0402** nut, use 1256 7459 lockwasher and 1018 0396 screw
AB **1017 5214** spacer, used when no carriage controlled function is required
AC **1010 8991** screw
AD **1017 5206** control roll No.1 (19/32" diam)
AE **1017 5222** control roll No.2 (1/2" diam)
AF **1012 8346** tab stop only, indexes no other functions
1012 8395 manual tab stop only
AG Part shown, no longer available, use 1020 6969 stop bar brace and regular hanger AI
AH **1017 5230** control roll No.3 (3/8" diam)
AI **1020 6951** control roll hanger
AJ **1017 1726** screw
AK **1016 5561** skip and tabulating stop
AL **1013 3023** stop brace
AM **1012 8320** non-tabulating stop
AN **1023 7972** screw
AO Return indexing and normalizing cams
1022 7551 shut-off cam, motor bar 4
1022 7585 return indexing cam
1022 7593 shut off cam
AP **1016 3939** square section bar (shown)
1016 7187 third rail for bar 4 shut off
AQ **1020 5045** stop bar
AR **1010 3406** screw, use 1010 0386 nut
AS **1015 5281** M.R.C. rack bar
1016 7187 third rail for bar 4 shut off
AT **1016 6148** latch
AU **1010 6474** screw
AV **1044 8470** release lever
BB **1010 0154** clip
BC Use 1033 2948 link assembly, 1033 3466 bushing (2), 1044 7944 and 1044 7936 right and left retaining plates, 1044 8553 and 1044 8538 right and left brackets, 1035 1021 screws (2), 1256 7715 lockwashers (4) 1010 8983 screw(2), 1010 0378 nuts (4) on machines before P271277D
1033 2948 link assembly, used on machines after P271276D
BD Use same consistency as for BC on machines before P271277D
BE **1044 8629** detent
BF **1026 9744** spring
BG **1010 4214** screw
BH Use same consistency as for BC on machines before P271277D
1044 7944 retaining plate, right
1044 7936 retaining plate, left on machines after P271276D
BI **1017 2880** screw
BJ Use same consistency as for BC on machines before P271277D
1044 8546 bracket, right
1044 8520 bracket, left, on machines after P271276D
BK **1044 7399** side frame, right
BL **1027 6319** spring
BM **1010 5880** spacer
BN **1044 8645** interlock
BO **1035 1286** screw
BP **1016 7286** knob
BQ **1044 8330** tab lever
BR **1035 2136** spring
BS **1010 4719** screw
BT **1010 0220** clip
BU **1303 1315** screw
BV **1044 8314** spacing control lever
BW **1044 8389** arm
BX **1044 9106** adjusting link
BY See consistency for CQ for machines before P361815D and P141441S
1020 6258 bellcrank, used on machines after P361814D and P141440S
BZ **1027 6897** spring
CB **1025 5164** eccentric stud, used on machines before P361815D and P141441S; use 1010 0337 nut
1021 0672 eccentric stud, used on machines after P361814D and P141440S
CC **1010 4354** lockwasher

Part Numbers Continued On Next Page

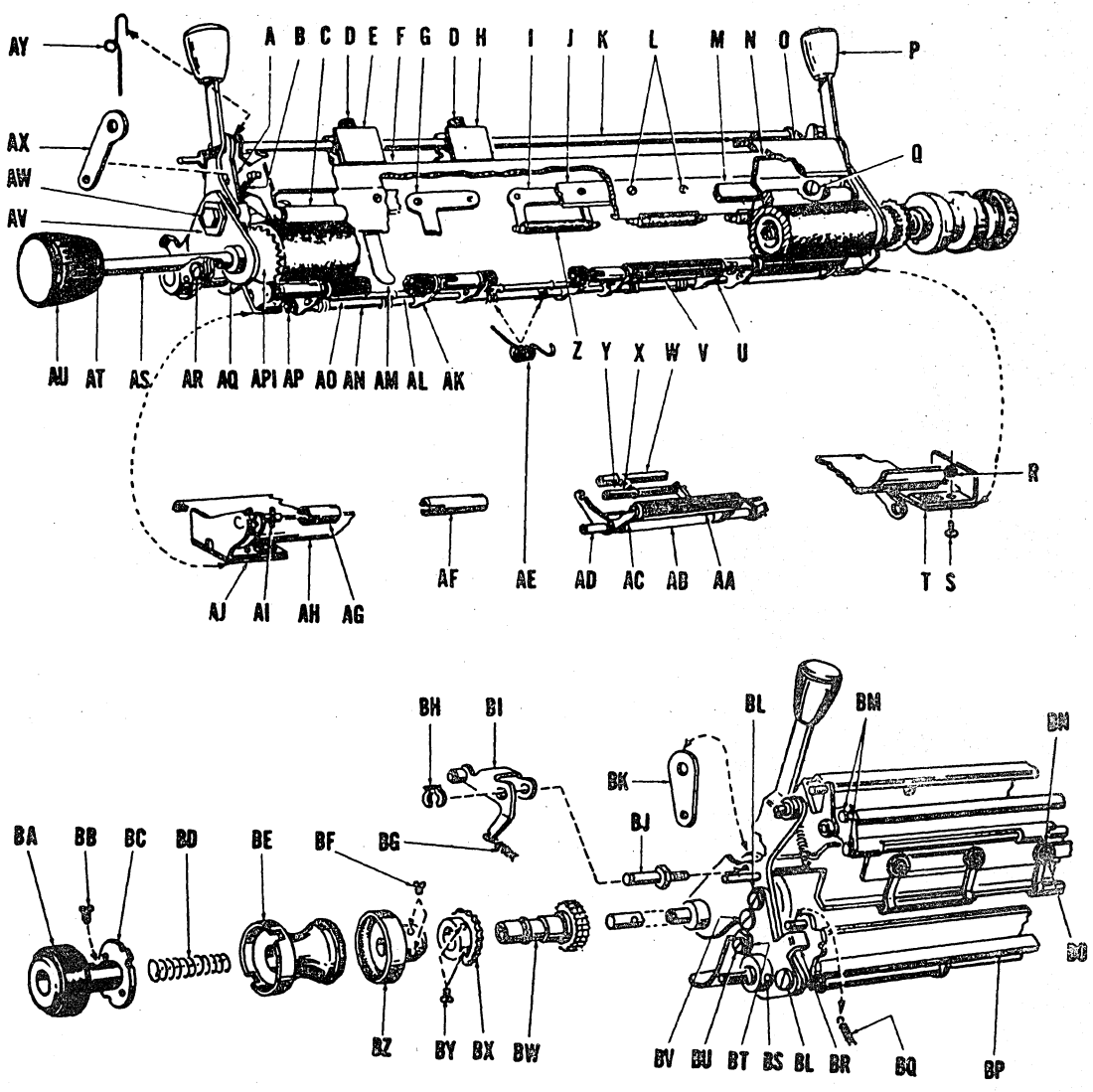
Carriage

PART NUMBERS (Plate I-41) - Continued

CD Use 1022 8278 hex post (right) 1022 7874 hex post (left), 1022 7536 bracket (right), 1034 0222 bracket (left), 1010 4354 lockwasher (4), 1017 2534 screws (2) on machines before P312085D and P141441S
1022 8278 hex post (right) on machines before P312084D and P141440S
CE **1010 0337** nut
CF Use consistency for CD on machines before P312085D and P141441S
1022 7536 bracket (right) on machines after P312084D and P141440S
CG Use 1017 2534 screw and 1017 4902 washer
CH **1026 6922** detent
CI **1017 1288** screw
CJ **1010 0360** nut, use 1010 4552 washer
CK **1044 8397** interlock arm, use 1027 3209 spring, 1026 6252 clip
CL **1012 0335** spring
CM **1016 6478** eccentric roll
CN **1012 0335** spring
CO **1026 6252** spring anchor
CP **1301 2570** washer
CQ Use 1033 2617 latch, 1020 6258 bellcrank, 1021 0698 bellcrank, 1021 0672 eccentric stud, 1026 6963 spring anchor, 1027 1732 spring, 1017 1460 spring on machines before P361815D and P141441S
1033 2617 latch, on machines after P361814D and P141440S
CR **1025 4977** shoulder nut
CS **1030 0820** shouldered spacer
CT **1010 0238** clip
CU **1030 4608** screw
CV Control detent
1044 7183 for regular C carriage
1044 7233 right side, for split platen C carriage
1044 7225 left side, for split platen C carriage
CW Spacing pawl
1016 4457 for regular C carriage
1016 4416 right side, for split platen C carriage
1016 4408 left side, for split platen C carriage
CX **1017 2963** screw
CY **1020 6506** spacing shutter
CZ **1026 9348** spring
DB **1044 9015** aligning table latch
DC **1027 6590** spring

Carriage

C CARRIAGE (15"), FRONT FEED, MANUAL OPEN, TABULATING - INNER CARRIAGE (Plate I-42)



PART NUMBERS (Plate I-42)

Note : This carriage is no longer available as a complete assembly. There will also be non-availability of individual parts as stocks are run down.

A Use 1033 2914 journal release bail and 1226 6698 journal chute on machines before P271277D
1033 2914 journal release bail, on machines after P271276D

B **1027 2755** spring
C **1016 3921** upper journal pressure roll
D **1017 2062** screw
E Journal guide, left
1044 7787 (shown), on machines before P376130D

Part Numbers Continued On Next Page

Carriage

PART NUMBERS (Plate I-42) - Continued

E **1020 5847** on machines after P376129D
1044 7761 auxiliary journal guide
F Journal table
1044 8181 on machines before P155567D
1016 5710 on machines after P155566D
G Use 1020 5862 journal band
H Journal guide, right
1044 7795 on machines before P376130D
1020 5821 on machines after P376129D
I **1044 8363** lower journal pressure roll hanger
J Mounting strip
1227 9949 on machines before P155567D
1020 6050 on machines after P155566D
K **1016 3947** journal guide shaft
L **1010 5708** screw
M **1016 4069** support shaft
N Use 1044 8298 bracket (right), 1044 8306 bracket (left), 1010 8991 screws (2), 1033 2658 guide, 1044 7787 guide (left), 1044 7795 guide (right), on machines before P230919D and P101398S
Use 1020 6084 journal chute on machines after P230918D and P101397S
Use 1226 6698 journal chute assembly and 1033 2914 journal release bail on machines before P230919D and P101397S
Use 1226 6698 journal chute assembly on machines after P203918D and P101397S
O Upper pressure roll frame
1044 8744 on machines before P155567D
1044 8769 on machines between P155566D and P230919D; before P119463S
1016 6106 on machines between P230918D and P376130D; after P119462S
Use 1020 6381 pan, 1020 8940 arm (right), 1020 8957 arm (left), 1020 7249 pressure roll and 1017 4290 clips (2), after P376129D
P **1016 7278** knob
Q **1028 9445** screw
R **1010 0378** nut
S **1025 6162** screw
T Pressure roll bracket
1016 5017 for regular carriage
1020 5813 for split platen carriage
U **1016 4051** pressure roll shaft
V **1020 7215** pressure roll only
1020 7223 pressure roll assembly
W **1227 9956** spring anchor shaft
X **1027 3183** spring
Y **1044 6748** spring anchor shaft
Z **1029 4270** lower journal pressure roll
AA **1044 9387** pressure roll
AB **1025 4951** sleeve
AC **1044 7571** pressure roll hanger
AD **1044 6763** pressure roll shaft
AE **1018 0842** torsion spring
AF **1016 6577** pressure roll link
AG **1016 6569** pressure roll link
AH Platen shield
1044 7597 before P155567D
1044 7621 after P155566D
AI **1020 8387** pin
AJ **1016 5033** bracket
AK **1020 5532** pressure roll hanger
AL **1016 4002** shaft, use 1010 0170 clips
AM Use 1020 5862 journal bands
AN **1017 5305** sleeve
AO **1020 7215** pressure roll only
1020 7223 pressure roll assembly
AP **1010 0170** clip
AP1 **1016 5298** pressure roll drive gear
AQ Use 1033 2104 adjusting plate and 1229 5101 spacer (2), before P155567D
1033 2104 adjusting plate after P155566D
AR **1010 5229** screw
AS Use 1044 6706 platen assembly and 1044 6896 washer (left side) before P155567D
1044 6706 platen assembly after P155566D
1033 1791 split platen 3 3/4" x 11", use 1044 6706 end shaft
1033 1809 split platen, 7 1/2" x 7 1/2", use 1044 6706 end shaft
AT **1010 5971** screw
AU **1016 6676** twirler, includes AT
AV **1017 6329** eccentric
AW **1017 1726** screw
AX **1020 6167** arm
AY Torsion spring
1044 9312 left
1044 9304 right
BA **1020 9278** rubber grip
BB **1010 4602** screw
BC **1020 6795** twirler, includes BA and BB
BD **1035 0684** spring
BE **1016 6783** variable clutch
BF **1010 9809** screw
BG **1044 3158** spring
BH **1010 0238** clip
BI Use 1016 6163 detent, 1025 5073 post and 1017 2070 screws (2)
BJ **1025 5073** post
BK **1033 2799** arm
BL **1010 3737** screw
BM **1015 2213** screw
BN **1010 0378** nut
BO **1010 4164** washer
BP **1044 6839** inner carriage support shaft
1033 2377 complete assembled carriage closing and opening lever assembly
BQ **1023 7527** spring

Part Numbers Continued On Next Page

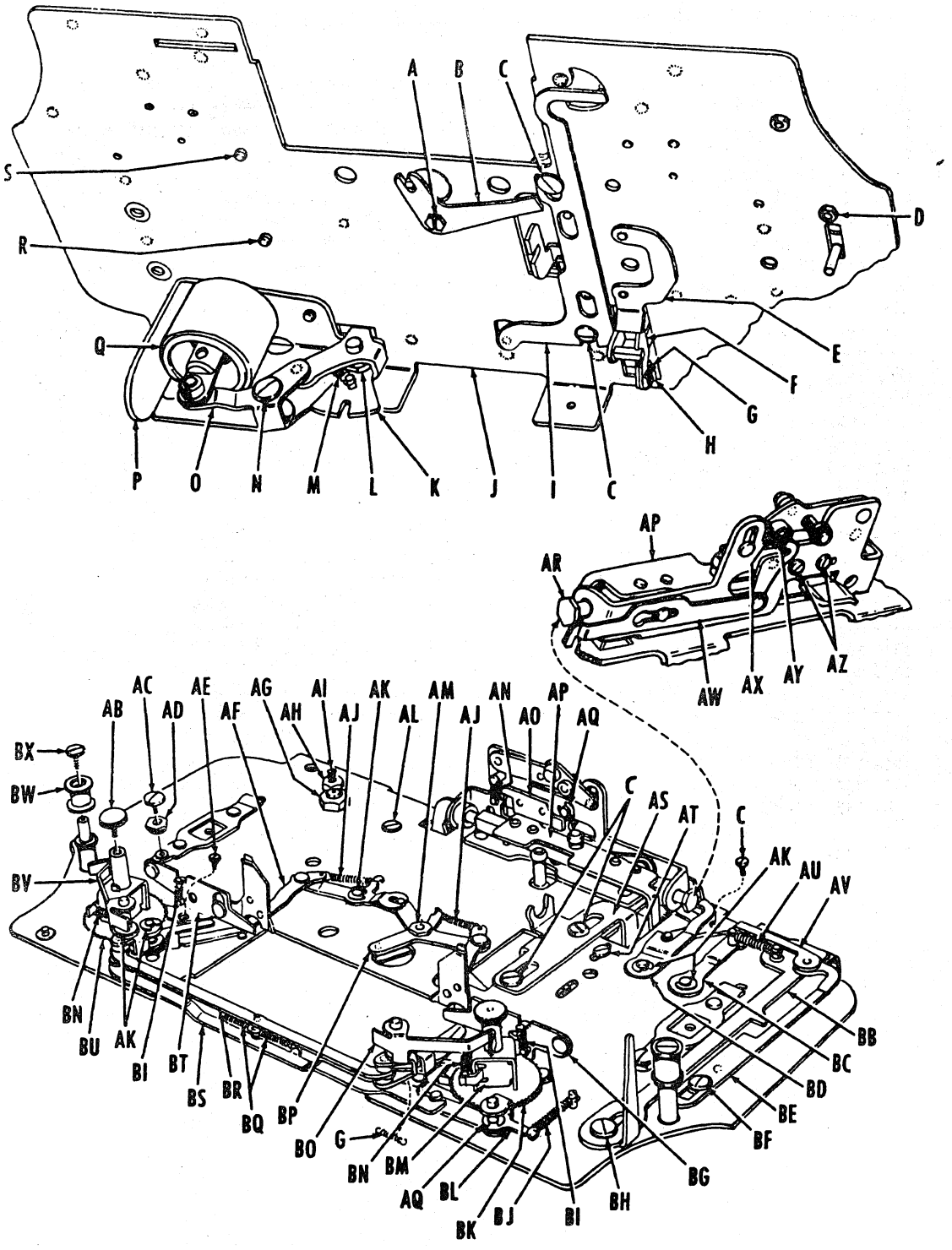
Carriage

PART NUMBERS (Plate I-42) - Continued

BR	**1044 7951**	interlock plate
BS	**1034 8753**	pin
BT	**1017 4316**	eccentric
BU	**1300 6788**	screw
BV	**1010 4248**	screw
BW	**1016 6759**	assembled variable, includes BX and BZ
BX	**1016 6619**	detent wheel, use BY set screws
BY	**1017 2070**	screw
BZ	**1025 5024**	variable only

Carriage

C CARRIAGE (15") FRONT FEED, MANUAL OPEN, TABULATING - BASE PLATE, RIBBON AND TABULATING MECHANISM (Plate I-43)



Part Numbers Continued On Next Page

Carriage

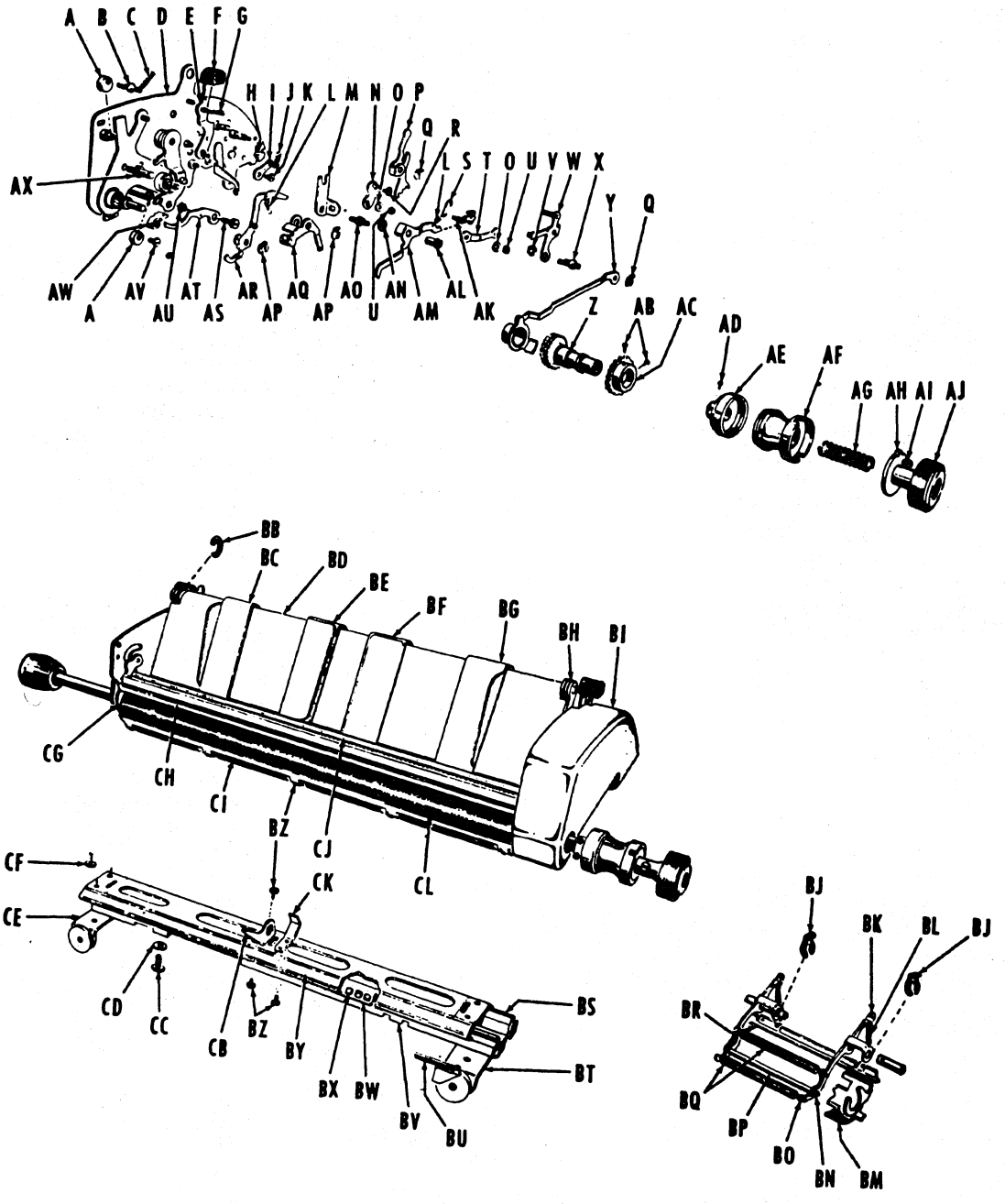
PART NUMBERS (Plate I-43)

Note : Parts subject to availability

A 1018 0032 screw
B 1016 4333 bellcrank
C 1017 1320 screw
D 1010 0386 nut
E 1020 6647 adjustable plate
F 1016 5355 pawl
G 1053 2158 spring
H 1010 0212 clip
I 1044 8793 slide
J 1044 7100 carriage base plate
K 1016 6254 lever
L 1010 0089 clip
M 1026 9793 clip
N 1030 1703 bushing, use 1013 1753 screw
O 1016 6247 lever
P 1020 6597 bracket
Q 1016 6270 air cushion
R 1013 1753 carriage fixing screw
S 1013 2041 carriage fixing screw, use 1017 4159 washer
AB 1016 7062 knurled ribbon spool screw
AC and AD-Parts for eccentric adjustment of carriage rail no longer available
AE 1018 0289 screw
AF 1044 6938 ribbon feed arm
AG 1010 3604 nut
AH 1010 0402 nut
AI 1017 1874 screw
AJ 1027 2045 spring
AK 1010 0147 clip
AL 1013 1753 screw
AM 1010 9742 nut
AN 1044 1939 spring
AO 1016 5249 adjustable limit plate
AP 1033 3235 tab bail
AQ 1010 0220 clip
AR 1018 0339 shoulder screw
AS 1016 5348 slide, use 1017 9919 screws
AT 1015 2205 screw
AU 1027 6426 spring
AV 1044 8694 bellcrank
AW 1016 5215 slide
AX 1017 4696 eccentric
AY 1013 9053 screw
AZ 1010 5476 screw
BB 1044 9064 tab control slide
BC 1044 8603 detent
BD 1016 6064 arm
BE 1016 5199 slide
BF 1017 3029 screw
BG Use 1020 5219 ribbon guide right, and 1020 5235 ribbon guide left
BH 1017 2328 screw
BI 1343 0681 spring
BJ 1011 3074 spring
BK 1012 4634 ribbon ratchet, right
BL 1016 4986 detent
BM 1012 5532 friction plate
BO 1016 6296 ribbon reverse sensing finger
BP 1016 4200 ribbon feed arm
BQ 1027 1989 spring
BR 1044 7472 ribbon reverse link
BS 1044 7159 ribbon reverse control link
BT Use 1020 5235 ribbon guide left and 1020 5219 ribbon guide right
BU 1012 4618 ribbon ratchet, left
BV 1016 6288 ribbon reverse sensing finger
BW 1016 6692 guide roll
BX 1010 4248 screw

Carriage

D CARRIAGE (15"), REAR FEED, TABULATING - FRONT VIEW (Plate I-44)



Part Numbers On Next Page

Carriage

PART NUMBERS (Plate I-44)

Note : This carriage is no longer available as a complete assembly. There will also be non-availability of individual parts as stocks are run down.

A **1016 6478** eccentric roll
B **1010 0592** spring stud screw
C **1027 3373** spring
D **1020 4105** carriage side frame. right, nickel plate
E **1044 8355** manual tab lever
F **1016 7260** plastic knob
G **1035 2136** spring
H **1056 3773** screw, use 1010 0386 nut
I **1026 6922** detent
J **1027 3209** spring
K **1017 1288** screw
L **1012 0335** spring
M Use 1022 7536 bracket (right), 1034 0222 bracket (left), 1022 8278 hex post (right), 1022 7874 hex post (left), 1010 4354 lockwasher (4) , 1017 2534 screw (2), on machines before P312085D
1022 7536 bracket only, on machines after P312084D
N **1044 9106** adjusting plate
O **1010 4552** washer
P **1044 8314** spacing control lever
Q **1010 0220** clip
R **1303 1315** screw
S **1026 6252** clip
T **1044 8389** arm
U **1010 0360** nut
V **1010 0337** nut
W **1033 2880** bellcrank
X **1025 5164** eccentric screw stud
Y **1033 3094** spacing shutter
Z **1016 6759** complete assembled variable
AB **1017 2070** screw
AC **1016 6619** detent wheel
AD **1010 9809** screw
AE **1025 5024** variable only
AF **1016 6783** variable clutch
AG **1035 0684** spring
AH **1020 6795** twirler, includes AI and AJ
AI **1010 4602** screw
AJ **1020 9278** rubber grip
AK **1027 2045** spring
AL **1025 4977** bushing
AM Use 1033 2617 latch, 1020 6258 bellcrank. 1021 0698 bellcrank, 1021 0672 eccentric screw stud, 1026 6963 spring anchor, 1027 1732 spring, 1017 1460 spring, before P361815D
1033 2617 carriage control spacing latch, single or double spacing, after P361814D
AN **1301 2570** spacer
AO Use 1017 2534 screw and 1017 4902 washer
AP **1010 0238** clip
AQ **1016 6163** platen detent
AR Platen overthrow control detent
1044 7183 right
1020 5474 left
AS **1030 4608** screw
AT **1016 4457** feed pawl
AU **1030 0820** bushing
AV **1010 8991** screw
AW **1016 3954** spacing bail
AX **1025 5073** hex. post
BB **1030 0358** clip, 2 required
BC **1016 5876** form guide, left
BD **1016 5850** carriage back plate
BE **1016 5884** roll paper guide, left
BF **1016 5918** roll paper guide, right
BG **1016 5900** form guide, right
BH **1017 4225** washer (2 required)
BI Carriage end cover, right
1044 9254 before P311511D
1020 7025 after P311510D
BJ **1300 1425** clip
BK **1016 4895** pressure roll hanger
BL **1026 9793** spring
BM Pressure roll pan
1044 7613 before P362921D
1020 5557 after P362920D
BN **1010 0170** clip (2 required)
BO **1012 5920** hanger
BP **1012 3537** shaft only
1016 3996 pressure roll assembly
BQ **1013 3569** pressure roll
BR Spring anchor strip
1044 7977 before P311511D
1020 5938 after P311510D
BS **1020 7173** carriage rail, front
BT **1016 6189** bracket
BU **1018 0685** tabulating spring
BV **1020 7181** carriage rail rear
BW **1016 4762** retainer for BX
BX **1013 0409** rollers
BY Upper raceway
1033 2294 between P311510D and P384919D, before P150680S
1020 4451 after P384918D and P150679D

Part Numbers Continued On Next Page

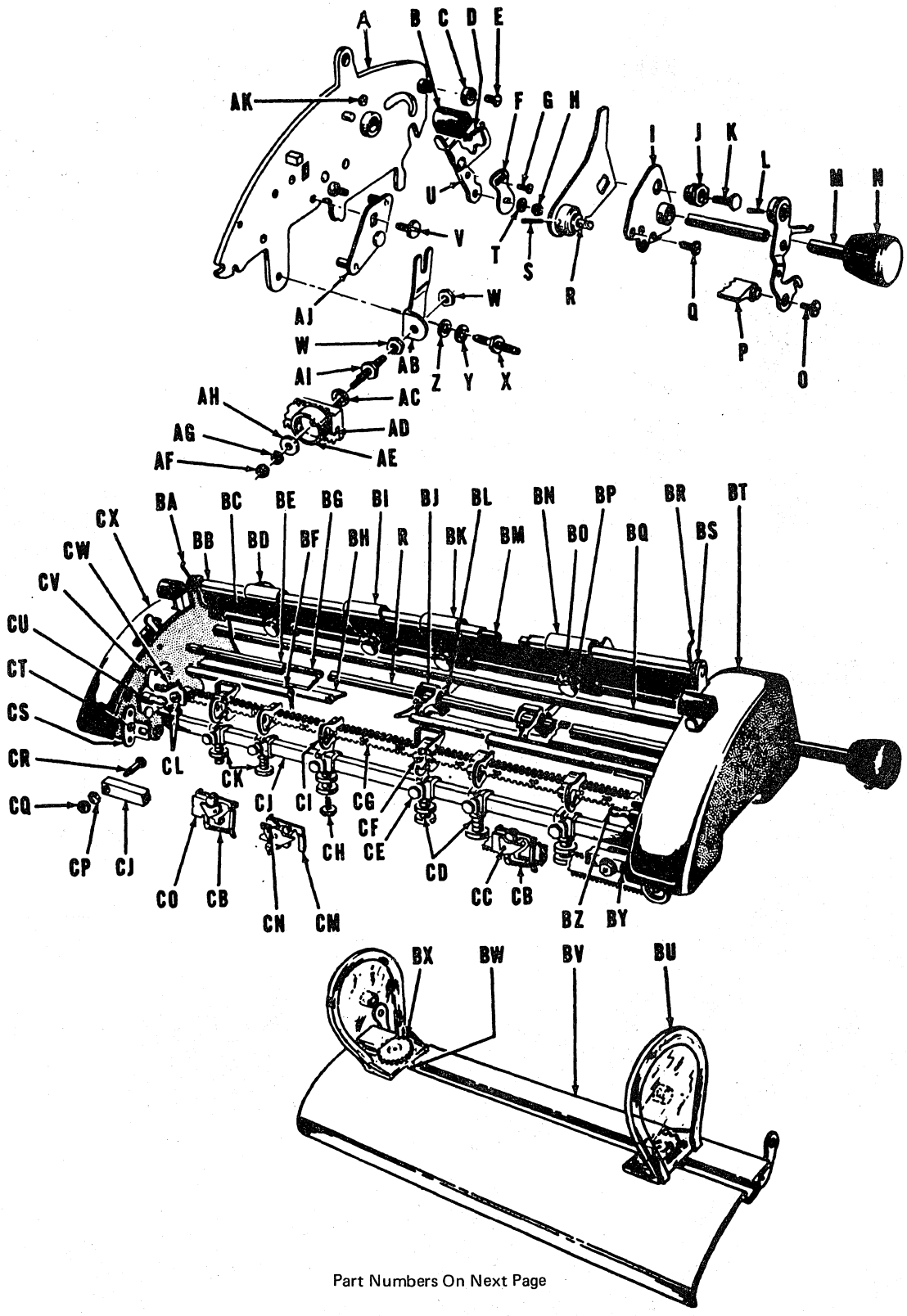
Carriage

PART NUMBERS (Plate I-44) - Continued

BZ	**1010 6821**	screw
CB	**1016 5264**	brace
CC	**1014 0354**	screw
CD	**1014 5357**	washer
CE	**1016 6197**	bracket
CF	**1010 5682**	screw
CG	**1016 4143**	washer (2 required)
CH	**1016 5082**	tear-off blade
CI	Form guide	
	1044 6920	fixed guide
	1020 5342	flexible guide, use
	1024 7732	compression springs and
	1010 7292	screws
CJ	**1016 4077**	shaft
CK	**1016 5272**	brace
CL	**1044 6706**	platen assembly

Carriage

D CARRIAGE (15"), REAR FEED, TABULATING - REAR VIEW (Plate I-45)



Part Numbers On Next Page

Carriage

PART NUMBERS (Plate I-45)

Note : This carriage is no longer available as a complete assembly. There will also be non-availability of individual parts as stocks are run down.

A **1020 4139** carriage side frame, left
B **1016 7260** plastic knob
C **1016 6478** eccentric roll
D **1026 9751** spring
E **1010 8991** screw
F **1016 6361** adjusting plate
G **1303 1315** screw
H **1010 0360** nut
I Adjusting plate
1044 7308 before P311511D
1020 4063 after P311510D
J **1033 3458** eccentric
K **1017 1726** screw
L **1026 7185** pin
M **1044 6706** platen assembly, use 1016 4143 washer (2 required)
N **1016 6676** twirler, use 1010 5971 set screw
O **1010 5682** screw
P **1016 3954** space bail
Q **1010 5229** screw
R Complete assembled carriage support shaft
1044 6805 before P311511D
1020 5110 after P311510D
S **1034 8753** pin
T **1010 4552** washer
U **1016 4879** pressure roll release lever
V **1010 9569** screw
W **1010 0337** nut
X Use 1017 2534 screw and 1017 4902 washer
Y **1010 4362** lockwasher
Z **1017 4902** washer
AB Use 1034 0222 bracket (left), 1022 7536 bracket (right), 1022 7874 hex. post (left), 1022 7278 hex. post (right), 1010 4354 lockwasher (4), and 1017 2534 screw (2), on machines before P312085D
1034 0222 bracket (left) on machines after P312084D
AC **1010 4354** lockwasher
AD **1015 5281** rack bar
AE **1017 9760** eccentric roll
AF **1010 0378** nut
AG **1256 7442** lockwasher
AH **1010 4552** washer
AI Use 1022 7874 hex. post (left), 1034 0222 bracket (left), 1022 7536 bracket (right), 1022 8278 hex. post (right), 1010 4354 lockwasher (4) and 1017 2534 screw (2) on machines before P312085D
1022 7874 hex. post (left), on machines after P312084D
AJ **1044 8876** adjusting plate
AK **1010 4198** screw (2 required)
BA **1030 5209** torsion spring
BB **1016 5850** carriage back plate
BC **1016 3913** shaft
BD **1016 5900** form guide, right
BE **1016 3905** shaft
BF **1044 6847** manual tab bail
BG **1044 6870** carriage control space bail
BH **1016 4135** pressure roll release bail
BI **1016 5918** paper guide, right
BJ **1016 4896** pressure rollhanger, use 1026 9793 spring
BK **1016 5884** paper guide, left
BL **1300 1425** clip
BM **1016 4119** shaft
BN **1016 5876** form guide, left
BO **1011 0047** screw, use 1012 9161 retaining clamps
BP **1018 0016** knurled screw, use 1256 7715 lockwasher
BQ **1016 4036** spacing bail assembly
BR **1018 0867** torsion spring
BS **1017 4225** washer
BT Carriage end cover, left
1044 9239 before P311511D
1020 7082 after P311510D
BU **1021 1423** roll paper holder
BV Rear carriage cover
1044 9338 before P311511D
1020 7165 after P311510D
BW **1217 4405** clamp
BX **1217 4470** finger nut
BY **1018 0974** rubber sleeve, (cushion limit for BV) use 1017 6758 screw stud
BZ Bracket for stop and control bar
1044 6987 left side, before P378998D and P141420S
1020 5383 left side, after P378998D and P141419S
1020 5375 right side
CB **1035 0817** spring
CC **1022 7585** return indexing cam
CD **1017 5214** spacer
CE **1017 1726** screw
CF **1027 6525** screw
CG **1020 5045** stop bar
CH **1010 8991** screw
CI See Plate I-76 for carriage stop details
CJ **1016 3939** rail
CK Carriage control rolls
1017 5206 No. 1 roll 19/32" diam.
1017 5222 No. 2 roll 1/2" diam.
1017 5230 No. 3 roll 3/8" diam.
CL **1010 0402** nut, use 1256 7459 lockwasher and 1018 0396 screw

Part Numbers Continued On Next Page

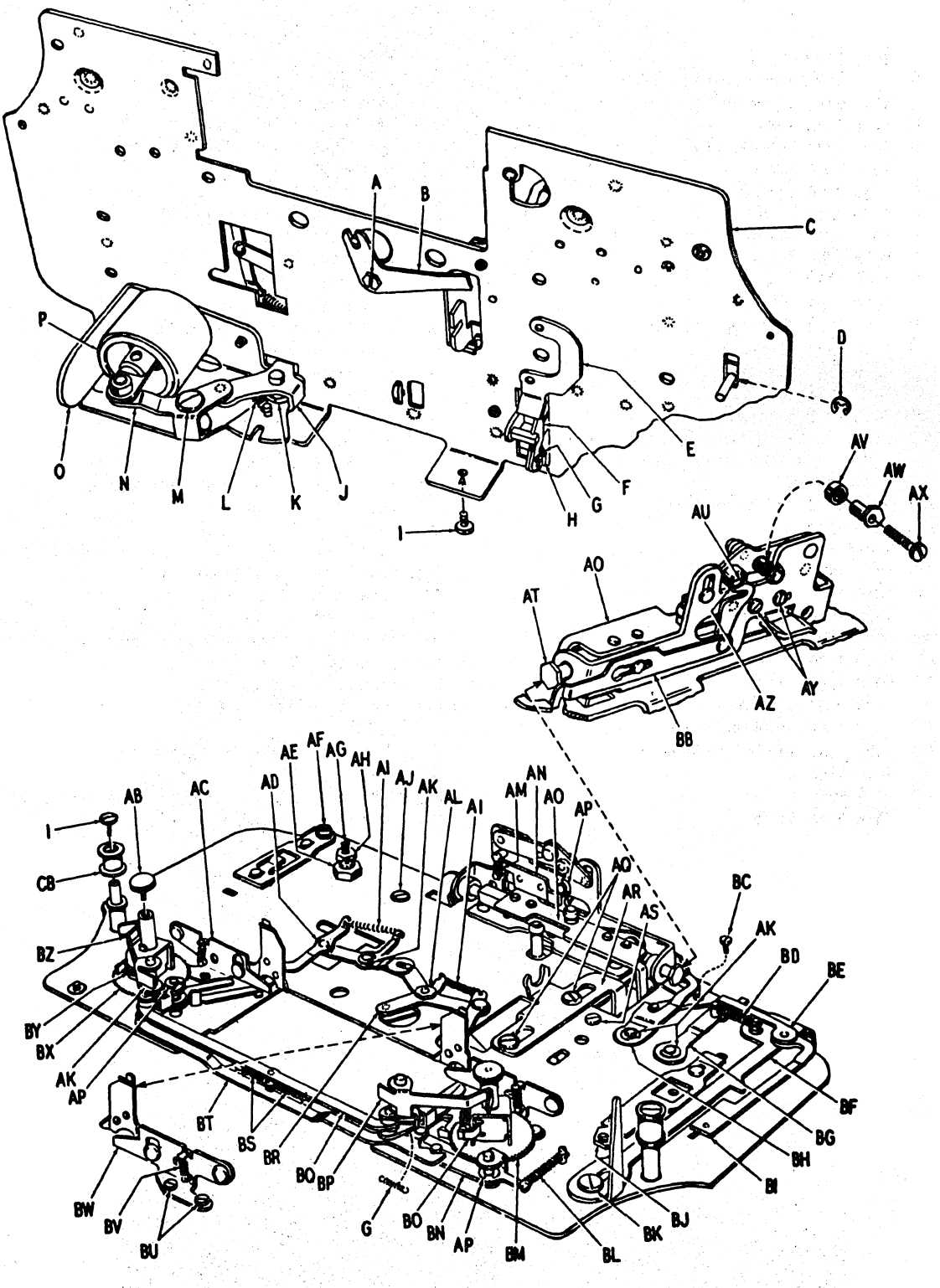
Carriage

PART NUMBERS (Plate I-45) - Continued

CM Use 1022 7551 normalising cam (this includes 1022 8518 torsion spring and 1027 7762 spring)
CN See CM
CO **1022 7577** return indexing and normalising cam
CP **1010 4362** lockwasher
CQ **1010 0436** nut
CR **1018 0396** screw
CS Bracket for rail CJ
1016 4226 right side, use 1056 3773 screw
1016 4218 left side, use 1017 1833 eccentric screw
CT **1010 0386** nut
CU **1020 5375** bracket for stop and control bar
CV **1016 6148** latch, right
1016 6130 latch, left
CW **1027 5840** spring
CX **1044 9254** carriage end cover, right

Carriage

D CARRIAGE (15"), REAR FEED, TABULATING - BASE PLATE, RIBBON AND TABULATING MECHANISM (Plate I-46)



Part Numbers On Next Page

Carriage

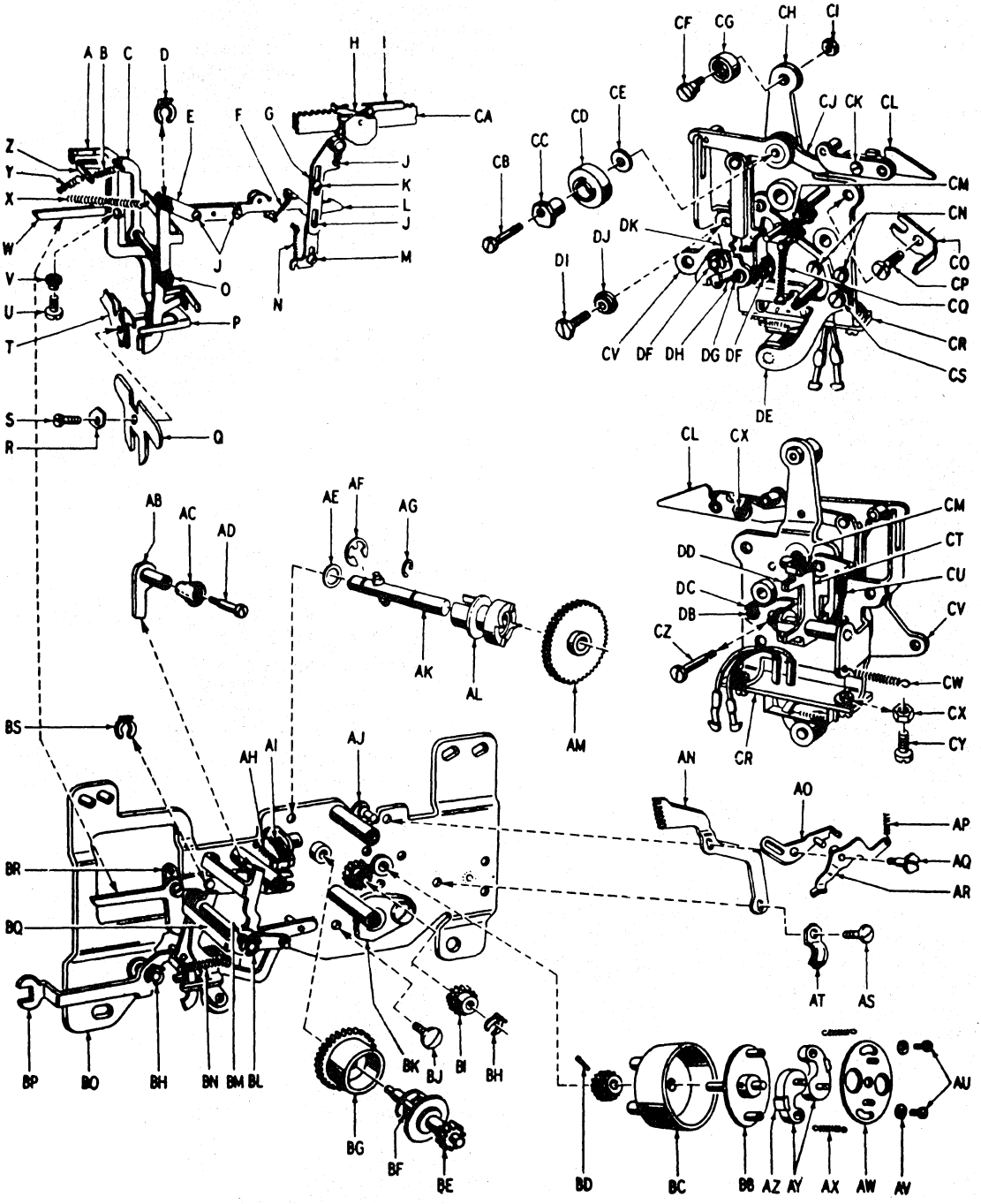
PART NUMBERS (Plate I-46)

Note : Parts are subject to availability

A **1018 0032** screw
B **1016 4333** ribbon feed bellcrank
C **1044 7100** carriage base plate
D **1255 3145** clip
E **1020 6647** release plate
F **1016 5355** pawl
G **1053 2158** spring
H **1010 0212** clip
I **1010 4248** screw
J **1016 6254** lever
K **1300 1417** clip
L **1026 9793** spring
M **1030 1703** bushing, use 1013 1753 screw
N **1016 6247** lever
O **1020 6597** bracket
P **1016 6270** air cushion
AB **1016 7062** knurledscrew
AC Use 1020 5235 (left), 1020 5219 (right) ribbon guide and lifter (instead of the lifter shown)
AD **1016 4184** ribbon feed arm
AE **1010 6870** nut
AF No longer required
AG **1017 1874** screw
AH **1010 0402** nut
AI **1027 2045** spring
AJ **1013 1753** screw
AK **1010 0220** clip
AL **1010 9742** nut
AM **1044 1939** spring
AN **1016 5249** adjustable limit plate
AO **1033 3235** tab bail assembly
AP **1010 0220** clip
AQ **1017 9919** screw
AR **1016 5348** slide
AS **1015 2205** screw
AT **1018 0339** screw
AU **1013 9053** screw
AV **1017 4894** space collar
AW **1017 0868** eccentric collar
AX **1010 9627** screw
AY **1010 5476** screw
AZ **1017 4696** eccentric collar
BB **1016 5215** slide
BC **1017 1320** screw
BD **1027 6426** spring
BE **1044 8694** bellcrank
BF **1044 9064** tab control lever
BG **1044 8603** detent
BH **1016 6064** arm
BI **1016 5199** slide
BJ No longer required
BK **1017 2328** screw
BL **1026 9900** spring
BM **1012 4634** ribbon feed wheel (right)
BN **1016 4986** detent
BO **1012 5532** friction plate
BP **1016 6296** (right) ribbon reverse sensing finger
BQ **1016 4754** ribbon reverse link
BR **1016 4200** ribbon feed arm
BS **1027 1989** spring
BT **1016 4390** ribbon reverse control link
BU **1018 0289** screw
BV **1343 0681** spring
BW See AC for Right and Left ribbon guide and lifters
BX **1012 4618** ribbon feed wheel (left)
BY **1028 7787** spring
BZ **1016 6288** ribbon reverse sensing finger
CB **1016 6692** guide roll

Carriage

C AND D CARRIAGES (15"), MOTOR RETURN CARRIAGE UNIT - OUTER VIEW (Plate I-47)



Part Numbers On Next Page

Carriage

PART NUMBERS (Plate I-47)

Note : Complete assembled M.R.C. unit no longer available.

A Auxiliary clutch trip arm
1045 0302 without space and return motor bar
1022 7718 with space and return motor bar
B **1044 2622** spring
C Return key index bail
1045 0351 without space and return motor bar
1022 7742 with space and return motor bar
D **1010 0220** clip
E **1045 0427** connecting link
F **1028 8629** spring
G **1015 5448** knockout link
H Use 1022 7551 trip cam
I Use 1022 7551 trip cam
J **1027 7010** screw
K **1010 4784** shoulder screw, use 1017 4118 washer
L Disengagement slide
1045 0328 without space and return motor bar
1022 7734 with space and return motor bar
M **1013 2918** screw
N **1027 7549** spring
O **1010 0238** clip
P **1015 5471** bracket, after P155566D use 1010 6466 screw
1015 5463 bracket, before P155567D use 1010 6466screw
Q **1015 5455** adjustable blank
R **1017 2575** eccentric
S **1010 9163** screw
T M.R.C. clutch trip link
1016 8482 after P155566D
1045 0070 before P155567D
U **1010 8421** screw
V **1017 4761** bushing
W **1016 8508** clutch trip arm
X **1026 9504** spring
Y **1010 7902** spring
Z Return key clutch trip arm
1045 0112 without space and return motor bar
1022 7528 with space and return motor bar
AB **1022 7791** return disabling arm
AC **1010 8363** knob
AD **1010 8413** screw
AE **1010 4149** washer
AF **1017 4290** clip
AG **1030 0358** clip
AH **1027 7176** spring
AI **1027 3381** spring
AJ **1015 5364** sliding link
AK Drive shaft
1016 8409 after P177345D
1044 9940 before P177346D
AL Clutch member
1015 5596 regular
Use 1215 3144 and 1215 3169 gear for machines equipped with carriage return delay mechanism
AM Carriage return gear
1015 5273 before P420982D
1022 7650 after P420981D
Use 1215 3169 and 1215 3144 clutch member for machines equipped with carriage return delay mechanism
AN **1045 7695** control lever guide
AO No longer used
AP See AR
AQ **1010 5682** screw
AR No longer used
AS **1010 5682** screw
AT No longer used
AU **1010 9163** screw
AV **1010 9403** washer
AW **1061 7793** adjusting plate
AX **1027 6426** spring
AY **1046 7215** weights
AZ **1010 7324** brake shoes
BB **1016 8433** brake plate
BC **1015 5620** brake drum only
1029 4353 complete assembled governor
BD **1010 5625** pin
BE **1016 8425** clutch roller assembly
BF **1015 5653** spring
BG **1015 5604** clutch drum
BH **1010 0220** clip
BI **1015 5612** gear
BJ **1017 3110** screw
BK **1016 8524** adjustable pulley mount
BL **1010 0238** clip
BM **1304 0456** spacer
BN **1027 6590** spring for P601
1026 9348 spring for P602
BO No longer available
BP **1045 0229** interlock lever
BQ **1015 5224** bail
BR Auxiliary clutch trip arm
1016 8490 after P155566D
1045 0096 before P155567D
BS **1300 1417** clip
CA **1016 7187** rack bar
CB **1010 7100** screw
CC **1017 4357** eccentric
CD **1017 4779** roller
CE **1010 8736** washer

Part Numbers Continued On Next Page

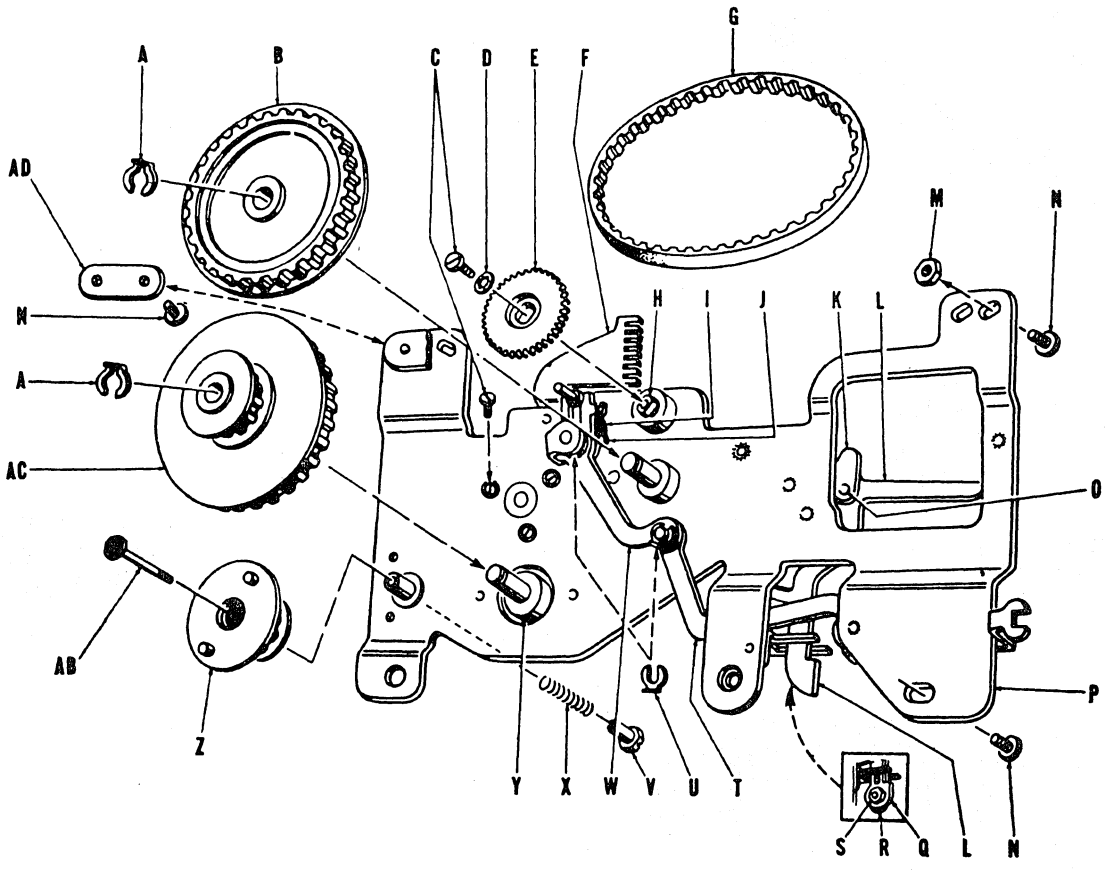
Carriage

PART NUMBERS (Plate I-47) - Continued

CF **1018 0404** eccentric screw
CG **1017 4753** roller
CH Rear plate
1044 9999 without space and return motor bar, after P155566D
1044 9973 without space and return motor bar, before P155567D
1022 7494 with space and return motor bar
CI **1010 0402** nut
CJ Normalizing arm
1045 0013 without space and return motor bar
1022 7494 with space and return motor bar
CK **1017 9786** eccentric screw
CL **1015 5554** safety release cam
CM **1013 3098** spring
CN **1027 6533** screw
CO **1045 0401** latch
CP **1013 1753** screw, use 1010 8744 washer and 1022 7957 guide
CQ **1027 6897** spring
CR Use 1216 1865 micro switch, 1216 1790 switch bracket, 1216 1816 insulator, 1216 1808 lever, 1216 1824 double ended bushing, 1216 1832 screw, 1010 0212 clip (2), 1034 8720 crimp type terminals, 1027 2755 spring, 1010 9601 screws (2). 1010 6201 stud, 1013 3387 spring
CS **1017 9992** screw
CT **1016 8466** auxiliary clutch arm
CU **1027 6400** spring
CV **1016 8441** brace
CW **1013 3387** spring
CX **1010 0360** nut
CY **1010 9197** screw
CZ **1027 6681** screw
DB **1010 0378** nut
DC **1015 5513** brace
DD **1015 5299** clutch arm
DE No longer available see CR
DF **1010 0220** clip
DG **1011 0120** spring anchor screw
DH **1027 6947** spring
DI **1013 8238** screw
DJ **1307 2665** shoulder collar
DK **1015 5521** detent

Carriage

C AND D CARRIAGES (15"), MOTOR RETURN CARRIAGE UNIT — INNER VIEW (Plate I-48)

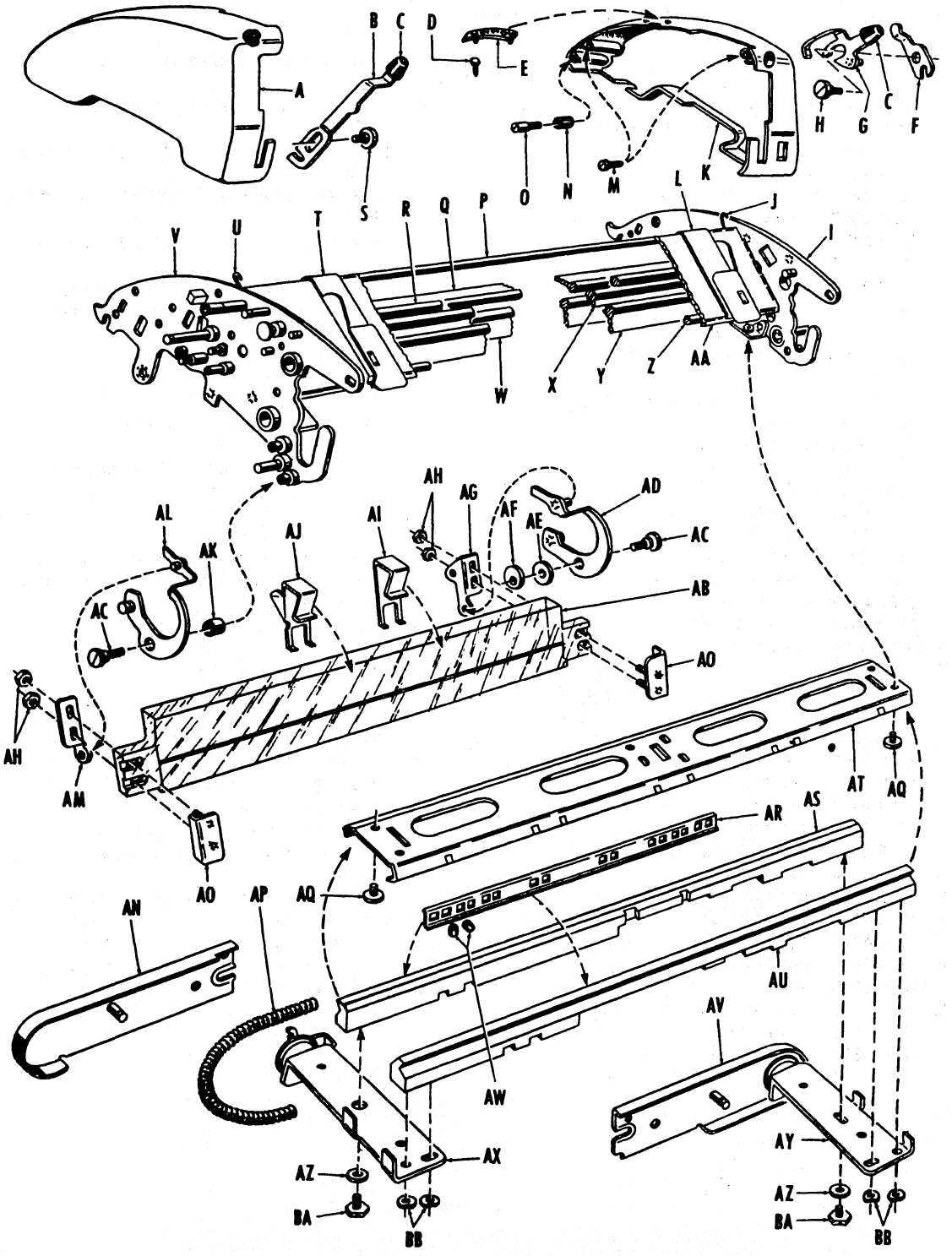


PART NUMBERS (Plate I-48)

A	1010 0089	clip
B	1015 5315	pulley
C	1010 5229	screw
D	1256 7715	lockwasher
E	1015 5323	gear
F	1045 7695	guide
G	1015 5661	toothed belt
H	1044 9940	drive shaft
I	1027 7077	spring
J	1015 5364	sliding link
K	1016 8490	actuating arm
L	1016 8508	indexing lever
M	1010 0402	nut
N	1010 3851	screw
O	1010 8421	screw, use 1017 4761 bushing
P	No longer available	
Q	1045 0369	adjusting link, before P155567D
R	1045 0096	actuating arm, before P155567D
S	1010 0360	nut, use 1013 9020 eccentric screw
T	1045 0229	interlock lever
U	1010 0220	clip
V	1017 6469	hexagon bushing
W	1015 5356	lever
X	1035 0858	spring
Y	1016 8524	adjustable pulley mount
Z	1015 5349	pulley
AB	1015 5638	screw
AC	1015 5331	pulley
AD	1015 5489	plate

Carriage

C2 CARRIAGE (15" AND 20") FRONT FEED, TABULATING WITH AUTOMATIC OPENING — OUTER CARRIAGE — FRONT VIEW (Plate I-49)



Part Numbers On Next Page

Carriage

PART NUMBERS (Plate I-49)

Note : See Plate I-1 for complete assembled carriages

A Carriage end cover, left
- **1020 7058** metal, grey
- **1020 6985** metal, grey - for split platen constr.
- **1218 5427** plastic, blue - with holes for manual return lever
- **1218 4222** plastic, blue
- **1044 7258** manual return lever

B **1033 2807** pressure roll release slide without button
- **1020 6175** slide with brown button
- **1218 6409** slide with blue button

C **1020 7256** button, brown
- **1218 6391** button, blue

D **1300 1532** rivet

E **1016 5025** spacing position plate for metal cover only
- Plastic cover has moulded space marks

F **1020 6191** latch

G Aligning table release lever
- **1020 6209** with brown button
- **1218 6417** with blue button

H **1010 6474** screw for metal end cover
- **1218 4180** screw for plastic end cover

I Carriage sideframe, right
- **1033 2120** before P350664D and P138477S
- **1020 4147** after P350663D and P138476S
- **1218 4016** for carriages with plastic end covers

J **1018 0800** torsion spring, right

K Carriage end cover, right
- **1020 7009** metal, grey - includes D(2), E, F, G and H
- **1218 4255** plastic, blue - includes F, G and H

L Form guide, right
- **1016 5967** grey 203
- **1218 6136** grey 227

M **1010 4198** screw for metal end covers
- **1256 4043** screw for plastic end cover

N **1018 0974** rubber sleeve

O **1017 6758** screw for N (metal end cover)
- **1218 4123** clip for N (plastic end cover - left)
- **1218 4271** clip for N (plastic end cover - right)

P **1016 4085** shaft for 15" carriage
- **1216 0305** shaft for 20" carriage

Q Spacing bail, carriage controlled
- **1020 5185** for 15" carriage
- **1216 0305** for 20" carriage
- **1020 5144** platen split 11" x 3¾" (controls right)
- **1020 5151** platen split 7.4" x 7.4" (controls right)
- **1216 0560** platen split 16" x 3¾" (controls right)
- **1216 0719** platen split 9.9" x 9.9" (controls right)
- **1219 2639** platen split 14" x 6" (controls right)
- **1020 5607** platen split 11" x 3¾" (controls left)
- **1020 5615** platen split 7.4" x 7.4" (controls left)
- **1216 0636** platen split 16" x 3¾" (controls left)
- **1216 0644** platen split 9.9" x 9.9" (controls left)
- **1219 2647** platen split 14" x 6" (controls left)

R **1016 3905** support shaft, 15" carriage
- **1215 9919** support shaft, 20" carriage

S **1010 6128** shoulder screw

T Form guide, left
- **1016 5934** grey 203
- **1218 6144** grey 227

U **1018 0818** torsion spring, left

V Carriage side frame, left
- Use 1033 2187 and 1022 7544 bracket before P339865D and P116988S
- **1033 2187** between P339864D and P350664D, P116987S and P138477S
- **1020 4162** after P350663D and P138476S
- **1218 3992** for carriages fitted with plastic end covers

W Carriage controlled opening bail
- **1020 5193** for 15" carriage
- **1216 0313** for 20" carriage

X Pressure roll opening bail
- **1020 5177** for 15" carriage
- **1216 0297** for 20" carriage

Y Interlock bail
- **1020 5169** for 15" carriage
- **1216 0289** for 20" carriage

Z **1016 3905** shaft for 15" carriage
- **1215 9919** shaft for 20" carriage

AA Carriage back
- **1020 6076** grey 202 for 15" carriage
- **1216 0370** grey 202 for 20" carriage
- **1218 6334** grey 227 for 15" carriage
- **1218 6508** grey 227 for 20" carriage

AB Wedge shaped plastic line finder (as shown) no longer available
- Use 1020 7157 line finder for all 15" carriages
- Use 1216 3788 line finder (complete with metal top edge stiffener) for all 20" carriages
- See AI and AJ for the form guides required for these line finders

AC **1020 6936** shoulder screw

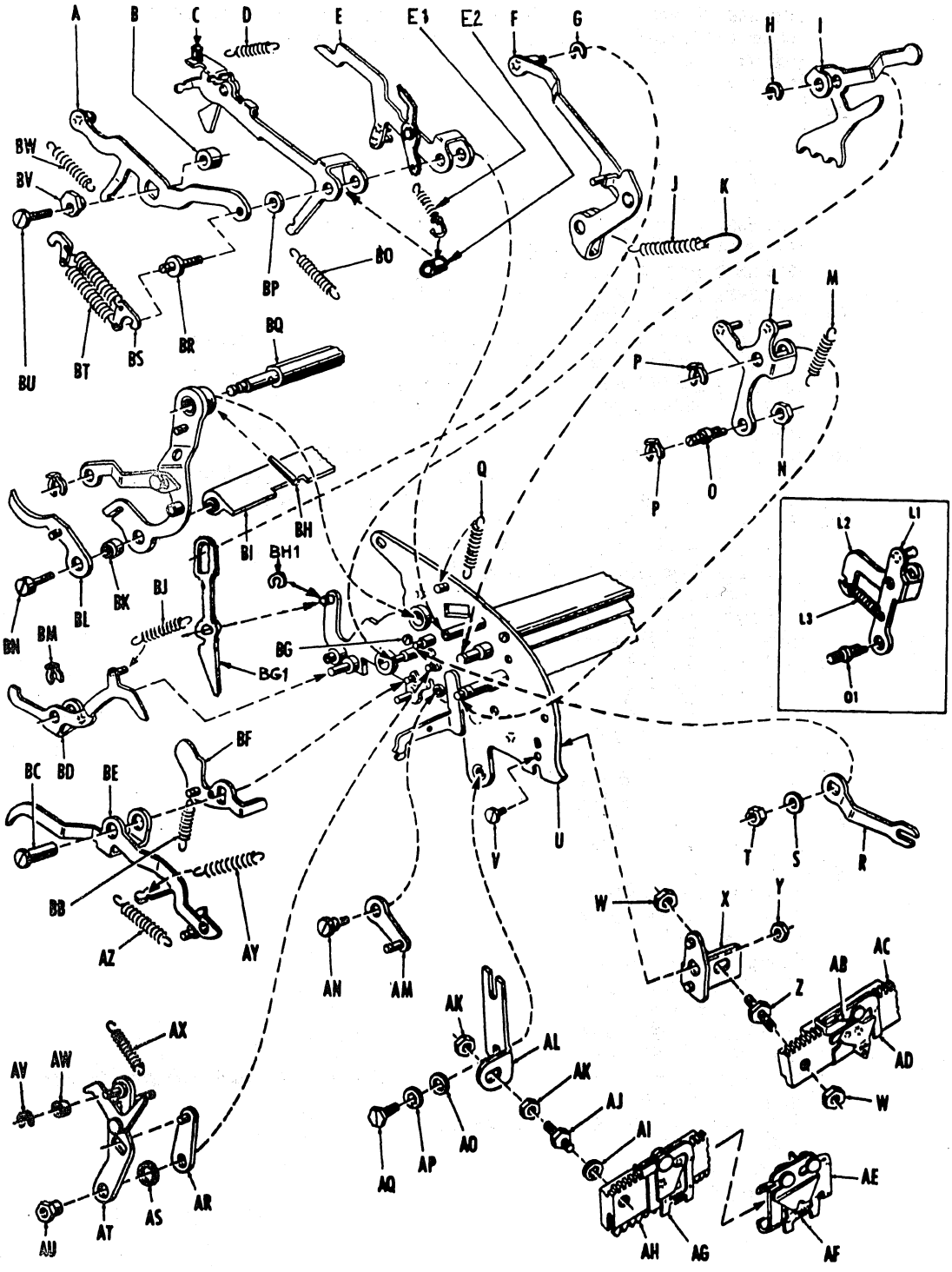
Part Numbers Continued On Next Page

Carriage

PART NUMBERS (Plate I-49) - Continued

AD **1033 2690** bellcrank, right, before P350664D and P138477S
1020 5953 bellcrank, right, after P350663D and P138476S. This bellcrank is not offset and is used with 1020 9294 line finder closing lever
AE **1023 7410** collar
AF **1016 6478** eccentric roll
AG Bracket, right, for line finder
1033 2864 before P350664D and P138477S
1020 6225 after P350663D and P138476S
AH **1010 0378** nut
AI Form guide, right, for line finder
1033 3391 metal, used only on wedge shaped plastic line finder AB
1020 7124 plastic, grey 212, for 15"
1218 6375 plastic, grey 228, for 15"
1216 3739 plastic, grey 212, for 20" line finder
AJ Form guide, left, for line finder
1033 3417 metal, used only on wedge shaped plastic line finder AB
1020 7116 plastic, grey 212 for 15" line finder
1218 6383 plastic, grey 228 for 15" line finder
1216 3747 plastic, grey 212, for 20" line finder
AK **1015 1454** spacer
AL **1033 2724** bellcrank, left, before P350664D and P138477S
1020 5961 bellcrank, left, after P350663D and P138476S. This bellcrank is not offset and is used with 1020 9294 line finder closing lever
AM Bracket, left, for line finder
1033 2864 before P350664D and P138477S
1020 6233 after P350663D and P138476S
AN Spring cover, left
1020 5797 for 15" carriage
1216 0586 for 20" carriage
AO Line finder, bracket
1020 8569 grey 203
1218 6425 grey 227
AP **1018 0685** tabulating spring
AQ **1010 5682** screw
AR **1016 4762** retaining strip (15")
1215 9950 retaining strip (20")
AS **1020 7181** rear rail (15")
1216 0404 rear rail (20")
AT Upper raceway
1016 5124 before P378898D (15")
1020 4444 after P378897D (15")
1216 0198 (20")
AU **1020 7173** front rail (15")
1216 0396 front rail (20")
AV Spring cover, left
1020 5789 for 15" carriage
1216 0735 for 20" carriage
AW **1013 0409** roller bearing; 32 required for 15" carriage; 36 required for 20" carriage
AX **1016 6189** carriage rail end bracket, left
AY **1016 6197** carriage rail end bracket, right
AZ **1010 4966** screw
BA **1018 0354** screw
BB **1014 5357** lockwasher

C2 CARRIAGE (15" AND 20") FRONT FEED, TABULATING WITH AUTOMATIC OPENING - RIGHT SIDE FRAME (Plate I-50)



Part Numbers On Next Page

Carriage

PART NUMBERS (Plate I-50)

Note : C2 Carriages (15" and 20") are available in two distinctive styles, as follows :-

1. For Series P600 - Metal carriage end covers - basic colour (Grey 203).
2. For Series P9000 - Plastic end covers (Blue 711), other painted fitments (Grey 227).

A Adjustable arm
1016 4424 used on left
1016 4440 used on right

B Spacer, as shown, not used
Use 1024 4150 post on right
Use 1023 7410 collar and 1023 8178 bushing on left

C Latching arm assembly for line finder
1033 3177 before P350664D and P138477S
1020 6571 after P350663D and P138476S

D **1027 6590** spring

E Detent for inner carriage assembly
Use 1020 6290 detent, 1027 3027 spring (Q, hooked on detent stud to stud in side frame), 10489995 spring (E1), 1026 6252 spring anchor (E1) 1017 3052 collar (E2), 1029 2464 spring plus 1026 6203 spring anchor (see BT), or use 1216 3895 detent in place of 1020 6290 when the roller in the carriage opening lever is 0.3" diam. (approx.), machines before P376070D and P155195S
1020 6290 detent on machines after P376069D and P155194S

E1 **1048 9995** spring, use 1026 6252 spring anchor

E2 **1017 3052** collar

F Line finder control arm and link
1033 2963 before P350664D and P138477S
1020 6332 after P350663D abd P138476S. This control arm is used with 1020 9294 line finder closing lever (BG1)

G **1255 3129** clip
Use 1026 7094 clip when line finder closing lever BG1 is attached to F.

H **1010 0147** clip

J **1027 7739** spring

K **1026 6252** clip

L **1033 2880** bellcrank, shown
For split platen construction, left, spring joint construction use 1020 5631 spacing control arm (BE); 1020 6241 bellcrank; 1021 0672 bellcrank, required with and nesting in 1020 6241; 1021 0672 eccentric stud for 1020 6241; 1027 1732 spring for joint between 1020 6241 and 1021 0706; 1027 6301 spring for 1020 5631; 1027 3050 spring for 1020 6241 to clip 1026 6393 (on left side frame)
For split platen construction, right, spring joint constuction use 1020 5623 spacing control arm; 1020 6258 bellcrank; 1021 0698 bellcrank required with and nesting in 1020 6258; 1021 0672 eccentric stud for 1020 6258; 1027 1732 spring for joint between 1020 6258 and 1021 0698; 1027 3050 spring for 1020 6258 to clip 1026 6393 (on right side frame); 1021 1423 screw for normal limit of 1020 6258 (tapped hole in right side frame).

L1 Bellcrank for spring joint construction
1020 6258 right
1020 6241 left

L2 **1021 0698** bellcrank

L3 **1027 1732** spring

M **1027 6897** spring, used only on bellcrank L as shown.
1027 3050 spring, between L and clip 1026 6393 for split platen construction on right side frame

N **1010 0337** nut

O **1025 5164** eccentric screw stud for L as shown

O1 **1021 0672** eccentric screw stud, for spring joint construction

P **1010 0220** clip

Q **1027 3027** spring

R **1020 6142** arm

S **1010 4552** washer

T **1010 0360** nut

U Carriage side frame, right
1033 2120 before P350664D and P138477S
1020 4147 after P350663D and P138476S
1218 4016 for carriage with plastic end cover

V **1056 3773** screw

W **1010 0337** nut

X **1016 4226** bracket, right

Y **1010 0386** nut

Z **1016 7013** adjustable screw

AB Use 1022 7551 control cam, includes 1022 8518 torsion spring and 1027 7762 spring

AC **1016 7187** for 15" carriage, third rail, with notched rack for AC
1016 3939 for 15" carriage, third rail only
1216 0073 for 20" carriage, third rail, with notched rack for AC
1216 0404 for 20" carriage, third rail only

AD See AB

AE **1022 7593** control cam

Part Numbers Continued On Next Page

Carriage

PART NUMBERS (Plate I-50) - Continued

AF **1035 0817** compression spring
AG **1022 7585** control cam
AH M.R.C. rack bar
1015 5281 for 15" carriage
1216 0149 for 20" carriage
AI **1010 4354** lockwasher
AJ **1022 8278** screw post
AK **1010 0337** nut
AL **1022 7536** bracket, right
AM **1026 6930** detent
AN **1017 1288** screw
AO **1010 4966** washer
AP **1010 4362** lockwasher
AQ **1018 0354** hex. screw
AR **1020 8635** power link
AS **1301 2570** collar
AT **1020 8601** locking arm
AU **1020 8452** shoulder nut
AV **1010 0154** clip
AW **1017 2344** roller
AX **1026 9355** spring
AY **1027 6301** spring
AZ **1012 0335** spring
BB **1013 9327** spring, use 1026 6252 clip
BC **1020 6753** bushing
BD Control detent
1020 5482 for right
1020 5490 for left
BE Spacing control arm
1033 2583 right, as shown, with pawl
1020 5623 right, notched for 01
1020 5631 left, notched for 01
BF **1020 6159** interlock arm
BG **1010 4198** screw
BG1 **1020 9294** line finder closing lever
BH **1010 0519** pin, right end only, use 1010 0501 (.093") or 1026 7185 (.096") pin, left end only
BH1 **1300 1490** clip
BI **1016 3954** spacing bail (15")
1215 9935 spacing bail (20")
BJ **1011 3074** spring
BK **1023 8178** bushing
BL **1016 4416** spacing pawl for right
1016 4408 spacing pawl for left
BM **1010 0238** clip
BN **1023 8228** screw
BO **1027 6301** spring
BP **1010 4982** washer
BQ Spacing shaft assembly
1033 2351 before P350664D and P138477S, 15" carriage
1020 5052 after P350663D and P138476S, 15" carriage; **1216 0222** for 20" carriage
BR **1020 8718** spring anchor screw
BS See BT

Part Numbers Continued On Next Page

PART NUMBERS (Plate 1-50) - Continued

BT Spring as shown no longer used.
Use 1029 2464 spring and 1026 6203 spring anchor for 15" carriage with regular platen
Use 1061 5110 spring and 1026 6203 spring anchor for 15" carriage with split platen
Use 1029 2472 spring and 1026 6203 spring anchor for 20" carriage with regular and split platen

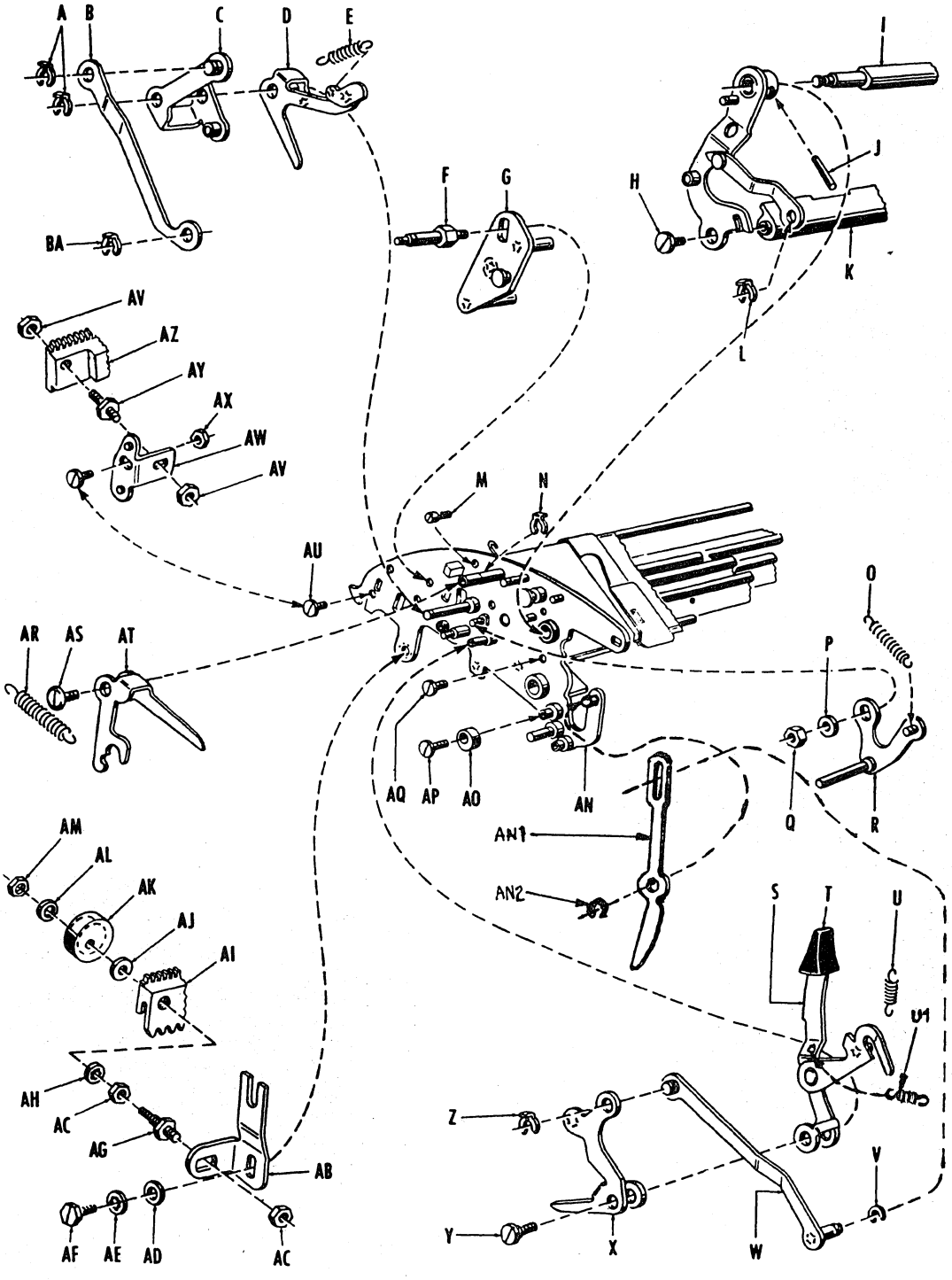
BU **1343 0293** screw on right
1010 8439 screw on left

BV **1010 9932** eccentric

BW **1026 9355** spring for spacing pawl BL

Carriage

C2 CARRIAGE (15" AND 20") FRONT FEED, TABULATING WITH AUTOMATIC OPENING - LEFT SIDE FRAME (Plate I-51)



Part Numbers On Next Page

Carriage

PART NUMBERS (Plate I-51)

Note : C2 Carriages (15" and 20") are available in two distinctive styles, as follows :-

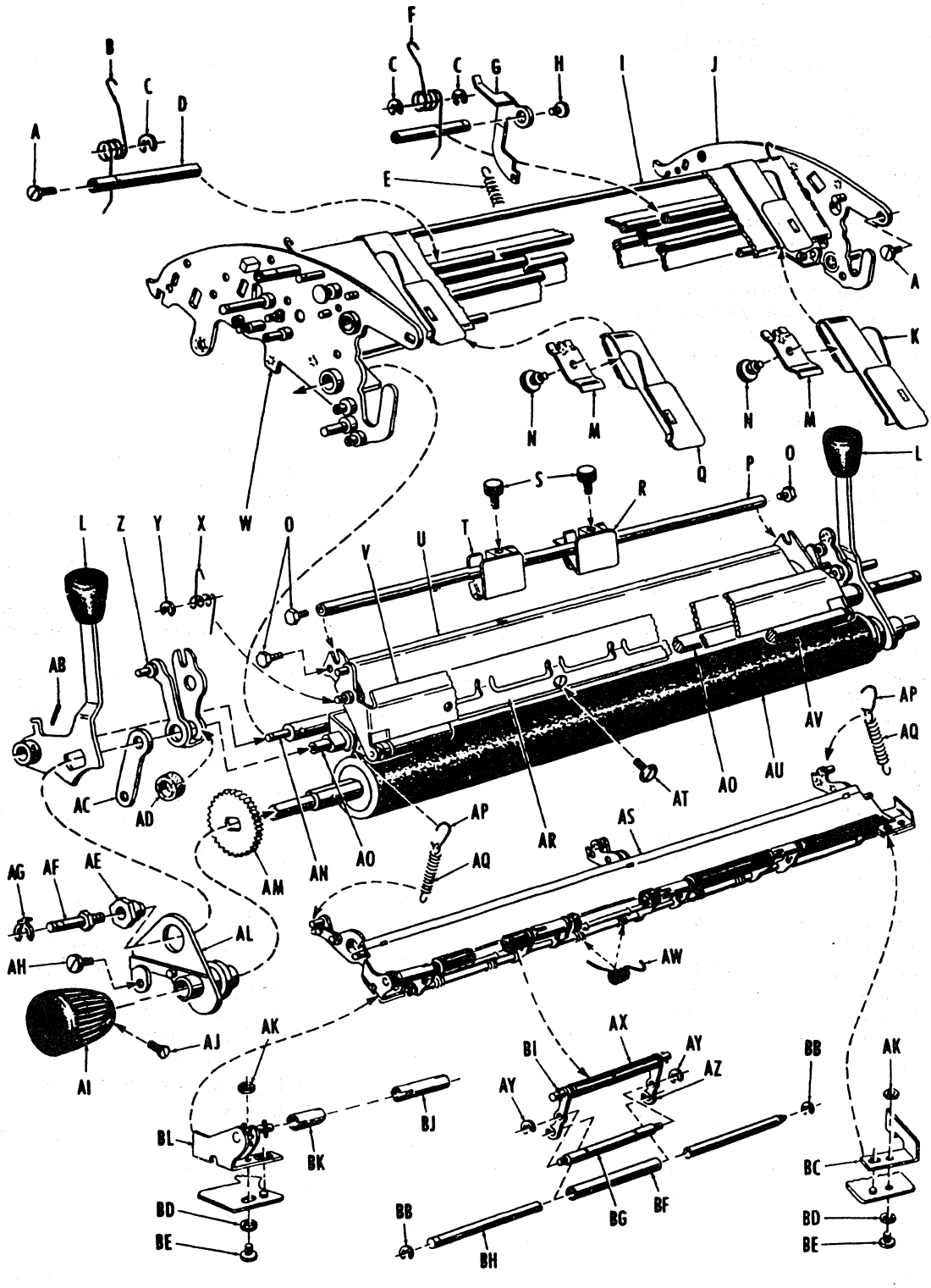
1. For Series P600 - Metal carriage end covers - basic colour (Grey 203)
2. For Series P9000 - Plastic end covers (Blue 711), other painted fitments (Grey 227)

A **1010 0220** clip
B **1033 3847** link
C **1033 3821** bellcrank
D **1020 8684** bellcrank
E **1027 6202** spring
F **1020 7272** threaded post
G **1044 8876** adjusting plate
H **1010 5682** screw
I Spacing shaft assembly
1033 2351 before P350664D and P138477S 15" cage.
1020 5052 after P350663D and P138476S 15" cge.
1216 0222 for 20" carriage
J **1010 0501** (.093") or 1026 7185 (.096") pin, left end only
1010 0519 pin, right end only
K Spacing bail
1016 3954 for 15" carriage
1215 9935 for 20" carriage
L **1010 0220** clip
M **1010 6110** screw
N **1010 0220** clip
O **1026 9298** spring
P **1010 4552** washer
Q **1010 0360** nut
R **1020 6365** arm
S Journal chute lever
1020 5599 includes brown knob T
1218 4883 includes blue knob T
Use 1020 5599 lever, 1021 0656 spring stud and 1026 9819 spring before P350644D and P117800S
T **1016 7286** button, brown
1218 6219 button, blue
U **1011 3074** spring, used on lever S shown
1053 2158 spring, used on improved lever S, hooked from stud in S to upper stud in side frame
U1 **1026 9819** spring, used on improved lever S, hooked from hole in S to 1021 0656 screw stud
V **1225 3129** clip
1026 7094 clip, when W is attached to AN_1 lever
W **1033 2823** link, before P350664D and P138477S
1020 6183 link, after P350663D and P138476S, requires lever AN1
X **1020 8429** bellcrank
Y **1018 0024** shoulder screw
Z **1010 0220** clip

AB **1034 0222** bracket, before P339865D and P121904S
1022 7544 bracket, after P339864D and P121903S
AC **1010 0337** nut
AD **1010 4966** washer
AE **1010 4362** lockwasher
AF **1018 0354** hex screw
AG **1022 7874** post
AH **1010 4354** lockwasher
AI M.R.C. rack bar
1015 5281 for 15" carriage
1216 0149 for 20" carriage
AJ **1010 4982** washer
AK **1017 9760** eccentric roll
AL **1256 7467** lockwasher
AM **1010 0378** nut
AN Carriage side frame, left
Use 1033 2187 and 1022 7544 bracket, before P339865D and P116988S
1033 2187 between P339864D and P350664D and P116987S and P138477S
1020 4162 after P350663D and P138476S
1218 3992 for carriages with plastic end end cover
AN1 **1020 9294** line finder closing lever
AN2 **1026 7094** clip
AO **1016 6478** eccentric roll
AP **1010 8991** screw
AQ **1010 4719** screw
AR **1044 3158** spring
AS **1010 5682** screw
AT **1033 3862** brake arm
AU **1017 1841** eccentric screw
AV **1010 0337** nut
AW **1016 4218** bracket, left
AX **1010 0386** nut
AY **1016 7013** adjusting screw
AZ **1016 7187** for 15" carriage third rail, with notched rack
1016 3939 for 15" third rail only
1216 0073 for 20" carriage third rail with notched rack
1216 0404 for 20" carriage third rail only
BA **1010 0147** clip

Carriage

C2 CARRIAGE (15" AND 20"), FRONT FEED, TABULATING WITH AUTOMATIC OPENING - INNER CARRIAGE, FRONT VIEW (Plate I-52)



Part Numbers On Next Page

Carriage

PART NUMBERS (Plate I-52)

A **1010 4198** screw
B **1018 0818** torsion spring, left
C **1010 0147** clip
D Spacing shaft
1016 3905 (15")
1215 9919 (20")
E This spring removed from machine construction
F **1018 0800** torsion spring, right
G This part removed from machine construction
H **1010 4719** screw
I Shaft, supports ledger table and rear carriage cover
1016 4085 (15")
1216 0453 (20")
J Carriage side frame, right
1033 2120 before P350664D and P138477S
1020 4147 after P350663D and P138476S
1218 4016 for carriages with plastic end covers
K Form guide, right
1016 5967 grey 203
1218 6136 grey 227
L **1016 7278** plastic knob, brown
1218 6201 plastic knob, blue
M **1020 6217** clamp
N **1020 8882** knurled screw
O **1015 2213** hex. head screw
P **1016 3947** shaft, (15")
1215 9976 shaft, (20")
Q Form guide, left
1016 5934 grey 203
1218 6144 grey 227
R Journal guide, right
1020 5821 grey 203
1218 6300 grey 227
S **1017 2062** knurled screw
T Journal guide, left
1020 5847 grey 203
1218 6318 grey 227
U Journal table
1016 5710 grey 203 (15")
1215 9984 grey 203, (20")
1218 6094 grey 227, (15")
1218 6474 grey 227, (20")
Complete journal chute assembly, includes U, V and AS
1645 0629 grey 203, (15")
1215 9968 grey 203, (20")
1226 6698 grey 203, (15") with split platen
1216 0461 grey 203, (20") with split platen
1218 5914 grey, 227, (15")
1218 5922 grey 227, (20")
1218 5948 grey, 227 (15") with split platen
1218 5930 grey 227, (20") with split platen
V Pivotal guide and journal tear off blade
1020 6381 grey 203, (15")
1016 6106 grey 203, (15") used on machines before P376130D and P142624S (as shown)
After P376129D and P142623S (15" carriage) grey 203, use 1020 6381 guide, 1020 8940 pivot arm (right), 1020 8957 pivot arm (left), 1020 7249 pressure roll and 1017 4290 clips (2).
1216 0081 grey 203, (20")
1216 0487 grey 203, (20") with split platen
1218 6359 grey 227, (15")
1218 6516 grey 227, (20") with split platen
W Carriage side frame, left
Use 1033 2187 side frame and 1022 7544 bracket before P339864D and P116988S
1033 2187 between P339864D and P350664D, P116987S and P138477S
1020 4162 after P350663D and P138476S
1218 3992 for carriages with plastic end covers
X **1044 9312** torsion spring (shown)
1027 6947 spring, required for later construction (15" and 20" carriages)
1027 1997 spring, required for 20" carriage with split platen
Y **1255 3129** clip
Z **1020 6308** journal release bail
AB **1034 8753** pin (.096")
AC **1020 6167** arm
AD **1020 8726** plastic collar
AE **1017 6329** eccentric
AF **1020 6910** hex. post
AG **1010 0220** clip
AH **1010 8983** screw
AI Plastic twirler, includes AJ
1016 6676 brown
1224 5767 blue
AJ **1010 5971** screw
AK **1010 0378** nut
AL Platen adjusting plate
1033 2161 early (shown)
1020 4154 present construction
AM **1016 5298** gear for driving pressure and journal rolls
AN Complete shaft assembly with opening and closing levers
1033 2385 after P376129D and P138476S
1033 2401 between P350663D and P376130D; P138477S and P142624S
1020 5136 after P376129D and P142623S
1216 0248 for 20" carriages

Part Numbers Continued On Next Page

Carriage

PART NUMBERS (Plate I-52) - Continued

AO Support shaft
- **1016 4069** early (15") construction
- **1020 5078** present (15") construction
- **1216 0271** for 20" construction

AP **1026 6252** wire clip

AQ **1013 3312** spring

AR Journal chute pan
- **1020 6084** plated (15" carriage) used when upper journal roll AV is gear driven. Use the following parts when journal roll AV is not gear driven, 1044 8306 and 1044 8298 brackets, 1025 8200 screws for brackets (2), 1044 7795 guide (right) 1044 7787 guide (left), 1033 2658 guide, 1020 5862 journal bands (3) 1010 5708 screws (6), 1010 0378 nuts (6), 1010 4982 washers (6).
- **1216 0065** grey 203 (20")
- **1218 6482** grey 227 (20")

AS Pressure roll pan, only
- **1020 5540** 15" carriage, regular and for platen split 11" x 3¾", 7.4" x 7.4"
- **1216 0339** 20" carriage, regular, and for platen split 9.9" x 9.9", 14" x 6", 16" x 3¾"
- **1020 5565** 15" pass book carriage, two slots 7/16" wide, 7 5/64" and 10 7/8" from left
- **1020 5573** 15" passbook carriage, two slots 7/16" wide, 3 9/32" and 7 5/64" from left

Pressure roll pan, complete with pressure rolls, etc.
- **1226 5732** (15")
- **1226 5740** for platen split 11" x 3¾"
- **1226 5757** for platen split, 7.4" x 7.4"
- **1216 0321** (20")
- **1216 0578** for platen split 16" x 3¾" and 14" x 6"
- **1216 0727** for platen split 9.9" x 9.9"

AT **1010 8991** screw

AU Platen assembly
- **1020 3206** (15")
- **1020 3180** platen split 11" x 3¾"
- **1020 3172** platen split 7.4" x 7.4"
- **1216 0156** (20")
- **1216 0511** platen split 16" x 3¾"
- **1216 0651** platen split 9.9" x 9.9"
- **1219 2563** platen split 14" x 6"
- **1020 2885** platen locking mechanism, right, for platen split construction

AV Journal pressure roll
- **1016 3921** for 15" carriage, not gear driven
- **1020 7231** for 15" carriage, gear driven, roll only
- **1020 7249** for 15" carriage, gear driven, includes 1020 6787 gear, 1255 7500 set screws (2)
- **1216 0107** for 20" carriage, gear driven, roll only
- **1216 0099** for 20" carriage, gear driven, includes 1020 6787 gear, 1255 7500 set screws (2)

For split platen carriages use 1020 5037 pressure rolls (4 req'd)

AW **1018 0842** torsion spring

AX **1020 7215** pressure roll only
- **1020 7249** complete pressure roll assembly

AY **1010 0170** clip

AZ **1020 5532** pressure roll hanger

BB **1255 3129** clip

BC **1016 5017** bracket

Part Numbers Continued On Next Page

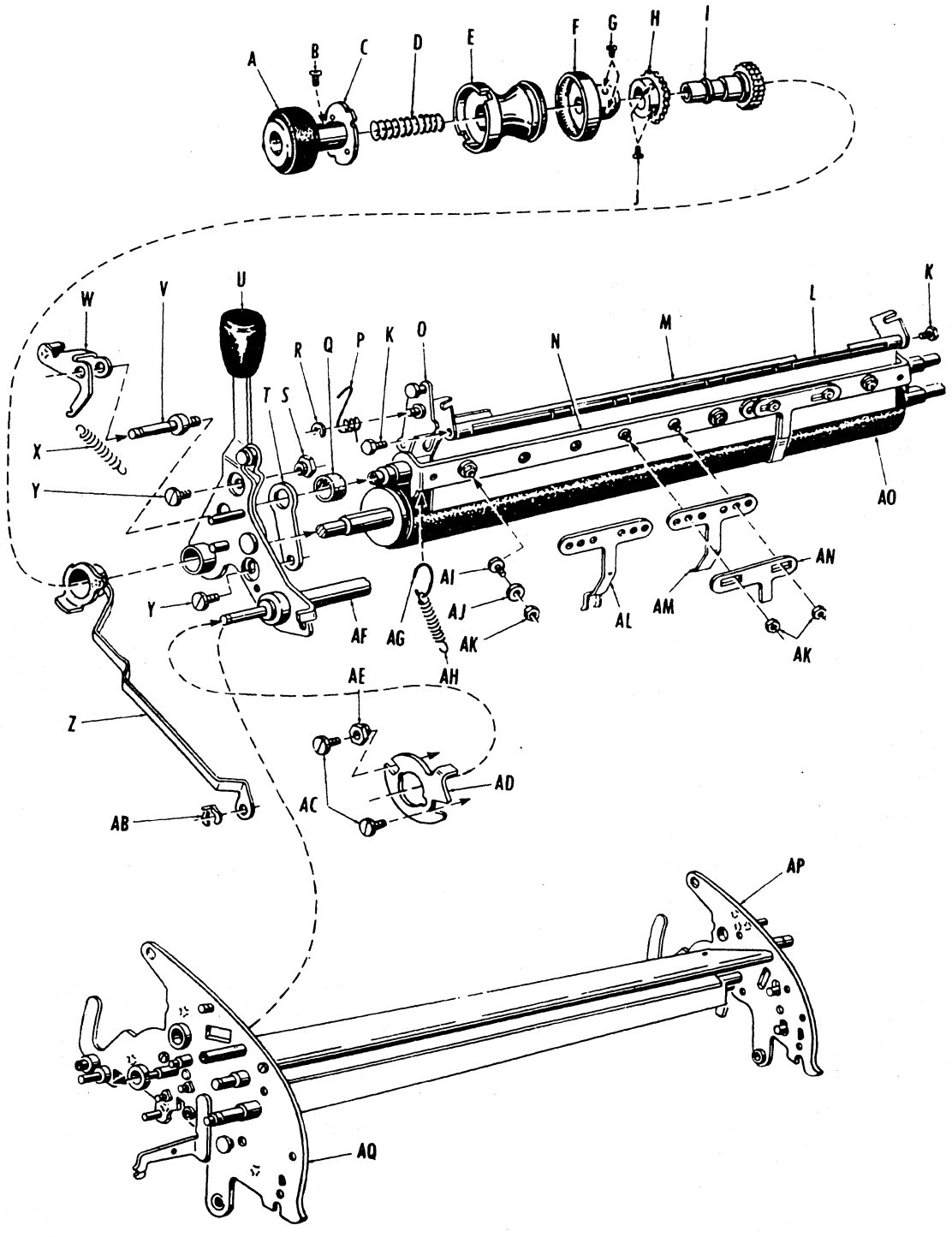
Carriage

PART NUMBERS (Plate I-52) - Continued

BD	**1256 7715**	lockwasher
BE	**1025 6162**	screw
BF	**1017 5305**	sleeve
BG	**1016 4002**	anchor shaft
BH	Pressure roll shaft	
	1016 4051	(15")
	1216 0347	(20")
BI	**1020 8387**	pin
BJ	**1016 6577**	pressure roll link
BK	**1016 6569**	pressure roll link
BL	**1016 5033**	bracket with gear

Carriage

C2 CARRIAGE (15" AND 20"), FRONT FEED, TABULATING WITH AUTOMATIC OPENING - INNER CARRIAGE, REAR VIEW (Plate I-53)



Part Numbers On Next Page

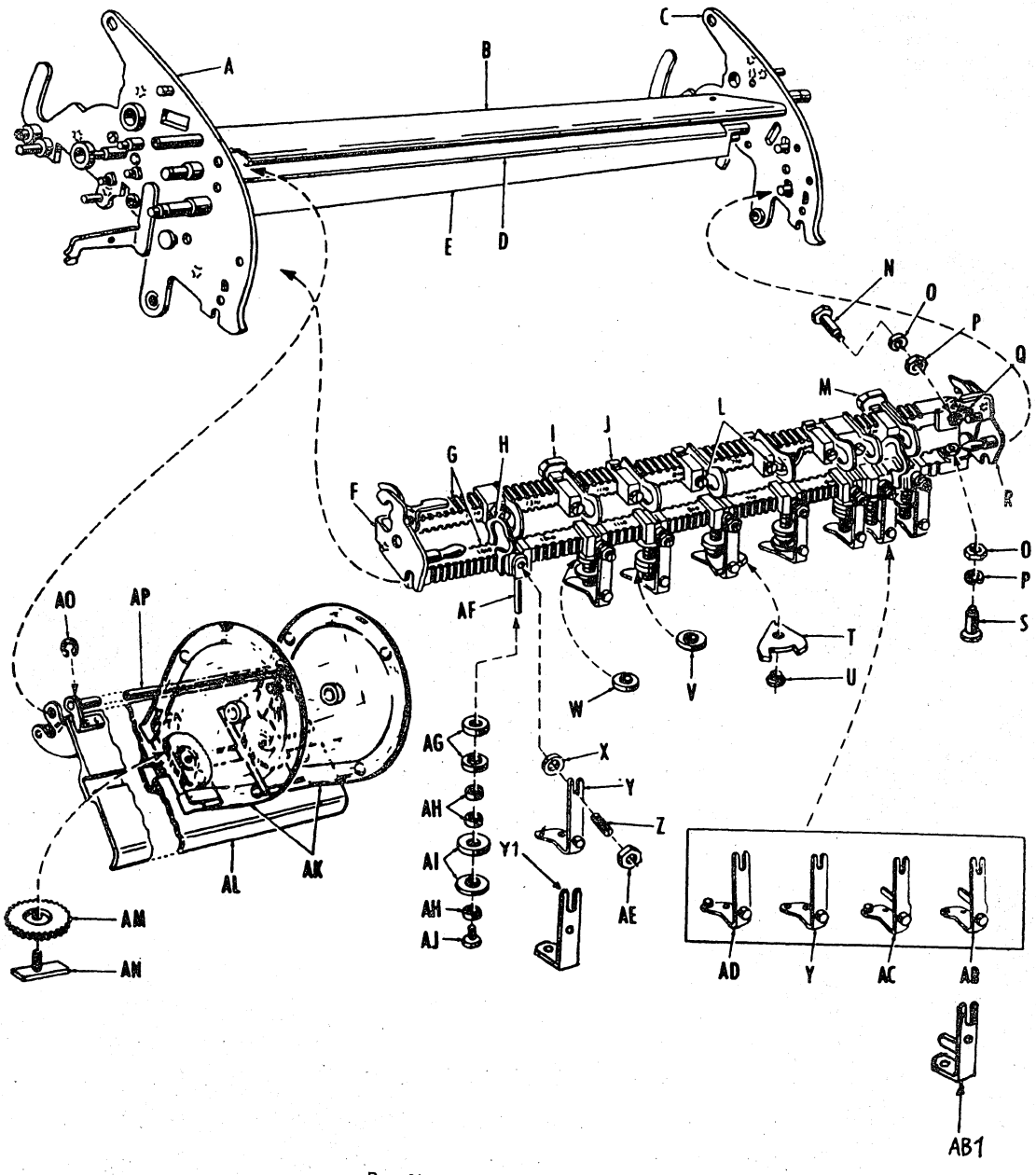
Carriage

PART NUMBERS (Plate I-53)

A Rubber grip
1020 9278 brown
1224 5791 blue
B **1010 4602** set screw
C Platen twirler, includes A and B
1020 6795 with brown A
1224 5809 with blue A
Use same twirler, both sides, for split platen construction
D **1035 0684** compression spring, used on left or right
E Variable clutch
1016 6783 regular
1016 6791 for left, split platen
F Mating clutch for E
1016 6718 for left and right
G **1010 9809** screw
H Detent wheel, includes J
1016 6619 for left and right
I Gear assembly, only
1016 6387 for left
1016 6379 for right
Assembled variable, includes H and J
1016 6734 for left
1016 6759 for right
J **1017 2070** screw
K **1015 2213** hex. headed screw
L **1016 3947** shaft (15")
1215 9976 shaft (20")
M Journal table
1016 5710 grey 203 (15")
1215 9984 grey 203 (20")
1218 6094 grey 227 (15")
1218 6474 grey 227 (20")
N Support strip
1020 6050 (15")
1215 9992 (20")
O For pivotal guide and tear off blade, see V, Plate I-52
P **1044 9304** torsion spring, right
1027 6947 spring, required for later 15" and 20" carriages
1027 1997 spring, required for 20" split platen carriage
Q **1020 8726** plastic collar
R **1255 3129** clip
S **1020 8551** eccentric
T **1033 2799** link
U **1016 7278** plastic knob, brown
1218 6201 plastic knob, blue
V **1020 6860** post
W Platen detent
1016 6163 right
1020 6480 left
X **1044 3158** spring
Y **1010 4248** screw
Z Spacing shutter
1020 6506 right
1020 6498 left
AB **1010 0220** clip
AC **1010 3737** rear screw, see AE for front screw
AD **1020 5912** adjusting plate
AE **1017 4316** eccentric, use 1300 6788 screw
AF For complete shaft assembly with opening and closing levers see AN, Plate I-52
AG **1026 6252** wire clip
AH **1013 3312** spring
AI **1035 0700** screw
AJ **1010 4982** washer
AK **1010 0360** nut
AL **1020 8841** combination journal band and form limit, 7/8" printing line
AM **1020 5862** journal band, 5 required for 15" carriage, 7 required for 20" carriage
AN Part shown no longer used. Journal bands AM are now held between journal table M and support strip N
AO Platen assembly, see AU, Plate I-52
AP Carriage side frame, left, see W, Plate I-52
AQ Carriage side frame, right, see J, Plate I-52

Carriage

C2 CARRIAGE (15" AND 20"), FRONT FEED, TABULATING WITH AUTOMATIC OPENING - OUTER CARRIAGE, REAR VIEW (Plate I-54)



Part Numbers On Next Page

Carriage

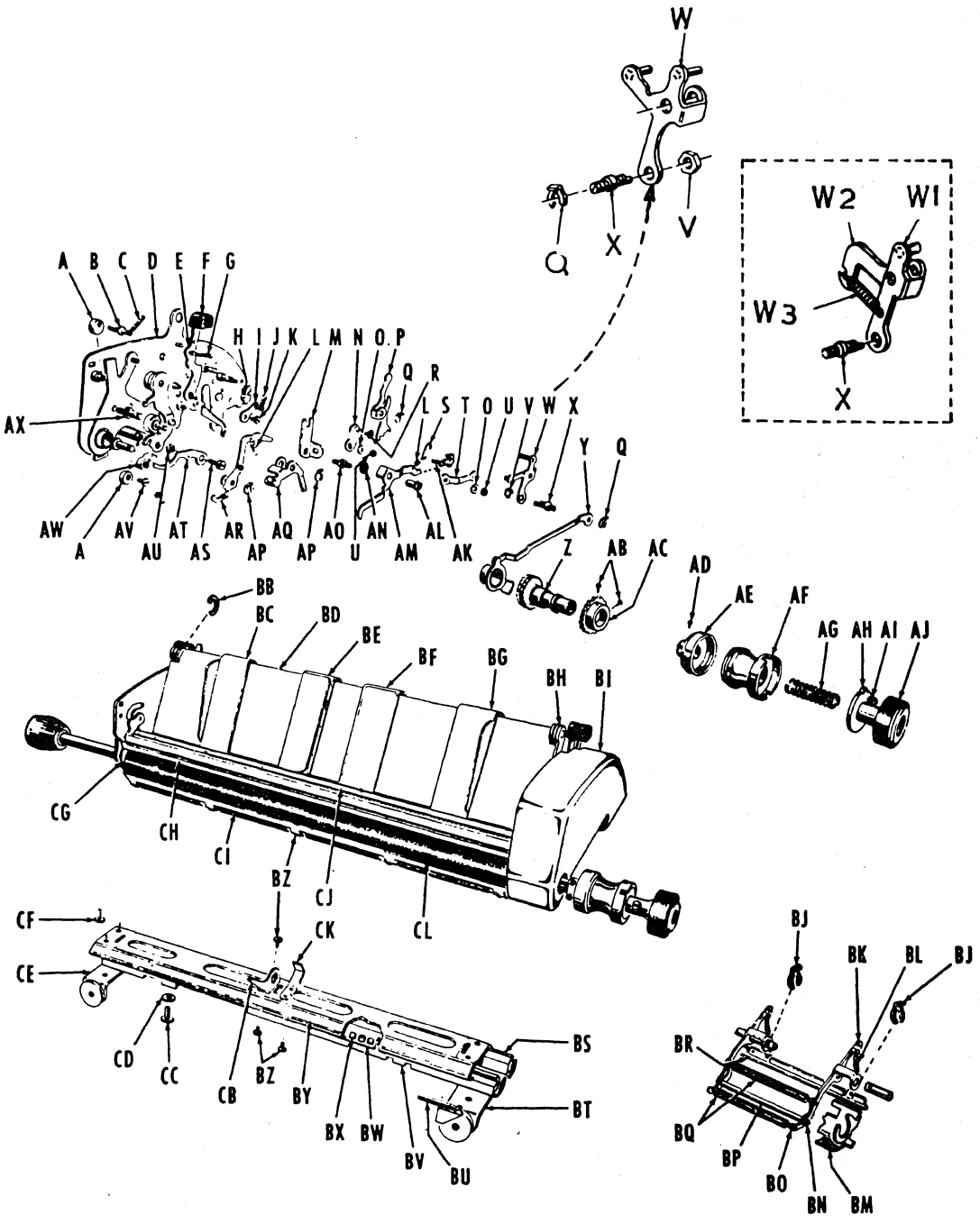
PART NUMBERS (Plate I-54)

Note : See G for stop and control bar consistency detail.

A Carriage side frame, right, see J, Plate I-52
B Carriage back and support for ledger form guides
1020 6076 grey 203 (15")
1216 0370 grey 203 (20")
1218 6334 grey 227 (15")
1218 6508 grey 227 (15")
C Carriage side frame, left, see W, Plate I-52
D Carriage controlled spacing bail
1020 5185 (15")
1216 0305 (20")
See Plate I-49 for other styles
E Carriage controlled opening bail
1020 5193 (15")
1216 0313 (20")
F **1020 5375** bracket, right
G Stop and control bars only
1020 5045 (15")
1216 0214 (20")
Stop and control bar (blank) includes F,G(2) and R
1045 8537 (15")
1216 0206 (20")
Stop and control bar consistency (includes sufficient of all components to enable build up of stop and control bar to Form Layout requirements).
1045 8545 (15")
1216 3838 (20")
H **1020 4501** carriage opening indexing key
I **1016 5579** double space, tabulating carriage stop
See Plate I-76 for other stops
J **1013 3023** stop brace, includes L
See Plate I-76 for other braces
L **1023 7972** screw
M **1016 5637** double space, hand tabulating stop
See Plate I-76 for other stops
N **1018 0396** hex. head screw
O **1256 7459** lockwasher
P **1010 0402** nut
Q **1027 5840** spring
R **1020 5383** bracket
S **1018 0396** hex. head screw
T **1020 9245** cam for lanes 6 and 7
U Part shown is now integrated into T
V **1017 5230** carriage control roll No. 3
W **1017 5222** carriage control roll No. 2
X **1011 5772** washer
Y **1020 8239** support bracket, used only for floating stop bar construction
Y1 **1020 8254** support bracket, present construction, serves as limit for cam T
Z **1024 8813** screw
AB **1033 3730** support bracket, indexing finger for auto-subtotal, used only for floating stop bar construction
AB1 **1020 8247** support bracket, present construction indexing finger for auto-subtotal and serves as limit for cam T
AC **1020 8221** support bracket, indexing finger for auto-subtotal and roll for skip release, used only for floating stop bar construction.
AD **1033 3706** support bracket, roll for skip release, used only for floating stop bar construction
AE **1010 0428** nut
AF **1020 6951** control roll hanger for seven lanes of control, includes Z. This part used for earlier machines with only five lanes of control
AG **1020 8288** carriage control No. 2½, copper plated for identification
AH **1017 5214** spacing collar for one lane only
1023 7931 spacing collar for two lanes
AI **1017 5206** carriage control roll No. 1
AJ **1010 8983** screw
AK Journal roll holder, plastic
1327 8551 beige
1021 1423 grey
1218 6433 blue
AL Rear carriage cover
1016 7237 grey (15")
1216 0123 grey (20")
1218 4099 blue (15")
1218 4925 blue (20")
AM **1217 4470** knurled nut
AN **1217 4405** clamp
AO **1300 1474** clip
AP **1045 8545** shaft (15")
1216 3838 shaft (20")

Carriage

D2 CARRIAGE (15"), REAR FEED, TABULATING - FRONT VIEW (Plate I-55)



Part Numbers On Next Page

Carriage

PART NUMBERS (Plate I-55)

Note : See Plate I-1 for complete carriage part numbers. For Series P600 the carriages have metal end covers and the basic colour is Grey 203. For Series P5000 and P9000 the carriages have blue plastic end covers, blue rear cover, and the carriage back and paper guides are painted Grey 227.

A **1016 6478** eccentric roll
B **1010 0592** spring stud
C **1027 3373** spring
D Carriage side frame, right
1020 4105 for Series P600
1218 4057 for Series P5000, P9000
E, F & G Not used in present construction
H **1010 3406** screw, use 1010 0386 nut
I **1026 6930** detent
J **1026 9355** spring
K **1017 1288** screw
L **1011 3074** spring for AR
1027 6301 spring for AM
M **1022 7536** bracket, right
N **1016 6361** adjusting plate for pressure roll release lever
O **1010 4552** washer
P Spacing control lever
1020 6118 for Series P600
1218 4065 for Series P5000, P9000
Q **1010 0220** clip
R **1303 1315** screw
S Clip not used in present construction
T **1020 6142** arm
U **1010 0360** nut
V **1010 0337** nut
W Not used in present construction, see W1
W1 Bellcrank for spring joint construction
1020 6258 right
1020 6241 left
W2 Bellcrank for nesting in W1
1021 0698 right
1021 0706 left
W3 **1027 1732** spring, used left and right
X **1021 0672** eccentric stud, used left and right
Y Spacing control shutter
1020 6506 right
1020 6498 left
Z Complete assembled variable, includes AC and AD
1016 6759 right
1016 6734 left
AB **1017 2070** screw
AC Detent wheel
1016 6619 right
1016 6387 left
AD **1010 9809** screw
AE Variable only, used left and right
1025 5024 with screws AD
1016 6718 without screws AD
AF Variable clutch
1016 6783 for right
1016 6791 for left
AG **1035 0684** compression spring
AH Platen twirler, includes AI
1020 6795 with brown AJ
1224 5809 with blue AJ
Use same twirler, both sides, for split platen construction
AI **1010 4602** screw
AJ Rubber grip
1020 9278 brown
1224 5791 blue
AK Not used in present construction
AL **1020 6811** bushing for AM
AM Spacing control arm with pawl (shown) not used in present construction
Use 1020 5623 on right, and 1020 5631 on left, spring 1027 6301
AN Not required
AO Use 1018 0354 hex. headed screw and 1010 4966 washer
AP **1010 0238** clip
AQ Platen detent
1016 6163 right
1020 6480 left
AR Platen overthrow control pawl
1020 5482 right
1020 5474 left
Use spring 1011 3074
AS **1023 8228** screw
AT **1016 4457** spacing pawl, right, use 1026 9868 spring
1016 4408 spacing pawl, left, use 1026 9355 spring
AU **1023 8178** bushing for AT
AV **1010 8991** screw
AW **1016 3954** spacing bail
AX **1020 6860** hex. post
BB **1030 0358** clip
BC Form guide, left
1016 5876 grey 203
1224 5718 grey 227
BD Carriage back and form guide support
1016 5850 grey 203
1218 6102 grey 227
BE Paper guide, left
1016 5884 grey 203
1224 5734 grey 227

Part Numbers Continued On Next Page

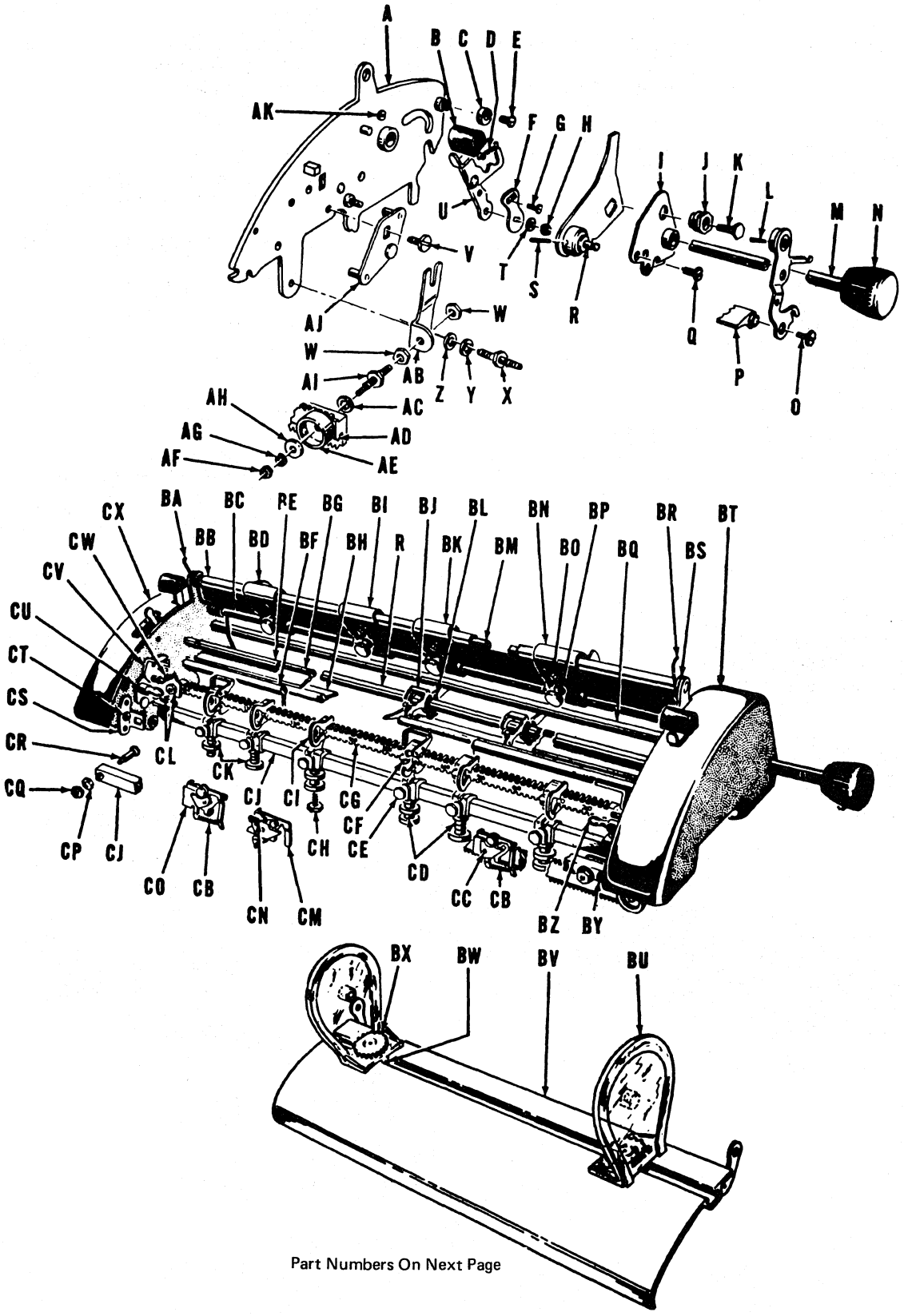
Carriage

PART NUMBERS (Plate I-55) - Continued

BF Paper guide, right
1016 5918 grey 203
1224 5726 grey 227
BG Form guide, right
1016 5900 grey 203
1224 5700 grey 227
BH 1017 4225 washers (2)
BI Carriage end cover, right
1020 7025 grey, metal
1218 4248 blue, plastic
Carriage end cover, left
1020 7082 grey, metal
1218 4230 blue, plastic
BJ 1300 1425 clip (9)
BK 1016 4895 hanger
BL 1026 9793 spring
BM 1020 5557 pressure roll pan and form deflector
BN 1010 0170 clip
BO 1039 7628 hanger
BP 1012 3537 shaft only
1016 3996 complete pressure roll assembly
BQ 1013 3569 pressure roll
BR Spring anchor strip now spot welded to upper raceway BY
BS 1020 7173 front rail
BT 1016 6189 bracket, left
BU 1018 0685 tabulating spring
BV 1020 7181 rear rail
BW 1016 4762 roller retainer
BX 1013 0409 steel rollers (32)
1813 4015 plastic rollers (32)
BY 1020 4451 upper raceway with welded spring anchor strip
BZ 1010 6821 screw
CB 1016 5264 brace
CC 1018 0354 hex. headed screw
CD 1014 5357 lockwasher
CE 1016 6197 bracket, right
CF 1010 5682 screw, (4)
CG 1016 4143 washer, each end of platen
CH 1016 5082 tear-off blade
CI Use 1020 5342 flexible guide, 1024 7732 compression springs (5)
1010 7290 screws (5)
CJ 1020 5110 complete shaft assembly, side frames etc., for support of platen
1016 4077 shaft only
CK 1016 5272 brace
CL 1020 3206 platen assembly

Carriage

D2 CARRIAGE (15"), REAR FEED, TABULATING - REAR VIEW (Plate I-56)



Part Numbers On Next Page

Carriage

PART NUMBERS (Plate I-56)

Note : See Plate I-1 for complete carriage part numbers. For Series P600 the carriages have metal end covers and the basic colour is Grey 203. For Series P5000 and P9000 the carriages have blue plastic end covers, blue rear cover, and the carriage back and paper guides are painted Grey 227.

A Carriage side frame, left
1020 4139 for Series P600
1218 4032 for Series P5000 and P9000
B Plastic knob
1016 7260 brown
1224 5783 blue
C **1016 6478** eccentric for limiting platen side frame arm
D **1026 9751** spring
E **1010 8991** screw
F **1016 6361** adjusting plate
G **1303 1315** screw
H **1010 0360** nut
I **1020 4063** adjusting plate
J **1017 6329** eccentric
K Present construction, screw (shown) is replaced by hexagon post 1020 6910
L **1026 7185** pin (.096")
M **1020 3206** platen assembly, use one 1016 4143 washer at each end of platen
N Plastic twirler, left
1016 6676 brown
1224 5767 blue
Use 1010 5971 set screw
O **1010 5682** screw
P **1016 3954** spacing bail
Q **1023 8657** screw
R **1020 5110** shaft assembly for support of platen
S **1034 8753** pin (.096")
T **1010 4966** washer
U Pressure roll release lever
1016 4879 with brown knob
1218 4313 with blue knob
V Not used in present construction
W **1010 0337** nut
X Present construction, part shown, is replaced by 1018 0354 screw
Y **1010 4362** lockwasher
Z **1010 4966** washer
AB Bracket for rack bar
1022 7536 right
1022 7544 left
AC **1010 4354** lockwasher
AD **1015 5281** M.R.C. rack bar
AE **1017 9760** eccentric roll
AF **1010 0378** nut
AG **1256 7715** lockwasher
AH **1010 4966** washer
AI **1022 7874** hex. post, left
1022 8278 hex. post, right
AJ Not used in present construction
AK **1010 4198** screw
BA **1018 0867** torsion spring, used at both end of shaft
BB Carriage back and form guide support
1016 5876 grey 203
1224 5718 grey 227
BC **1016 3913** shaft
BD Form guide, right
1016 5900 grey 203
1224 5700 grey 227
BE **1016 3905** shaft
BF Not used in present construction
BG **1020 5185** carriage controlled spacing bail
BH **1016 4135** pressure roll release bail
BI Paper guide, right
1016 5918 grey 203
1224 5726 grey 227
BJ **1016 4895** hanger
BK Paper guide, left
1016 5884 grey 203
1224 5734 grey 227
BL **1300 1425** clip(9)
BM **1016 4119** shaft
BN Form guide, left
1016 5876 grey 203
1224 5718 grey 227
BO **1011 0047** screw for 1012 9161 retaining clamps
BP **1018 0016** knurled screw, use 1256 7715 lockwasher
BQ **1016 4036** spacing bail assembly with side arms
BR See BA
BS **1017 4225** washer
BT Carriage end cover, left
1020 7082 grey 203, metal
1218 4230 blue plastic, use 1256 4043 screws (2) for fixing to side frame
BU Journal roll holder, plastic
1021 1423 grey
1218 6433 blue
BV Rear carriage, cover
1020 7165 grey 203
1218 5054 blue
BW **1217 4495** clamp
BX **1217 4470** knurled nut

Part Numbers Continued On Next Page

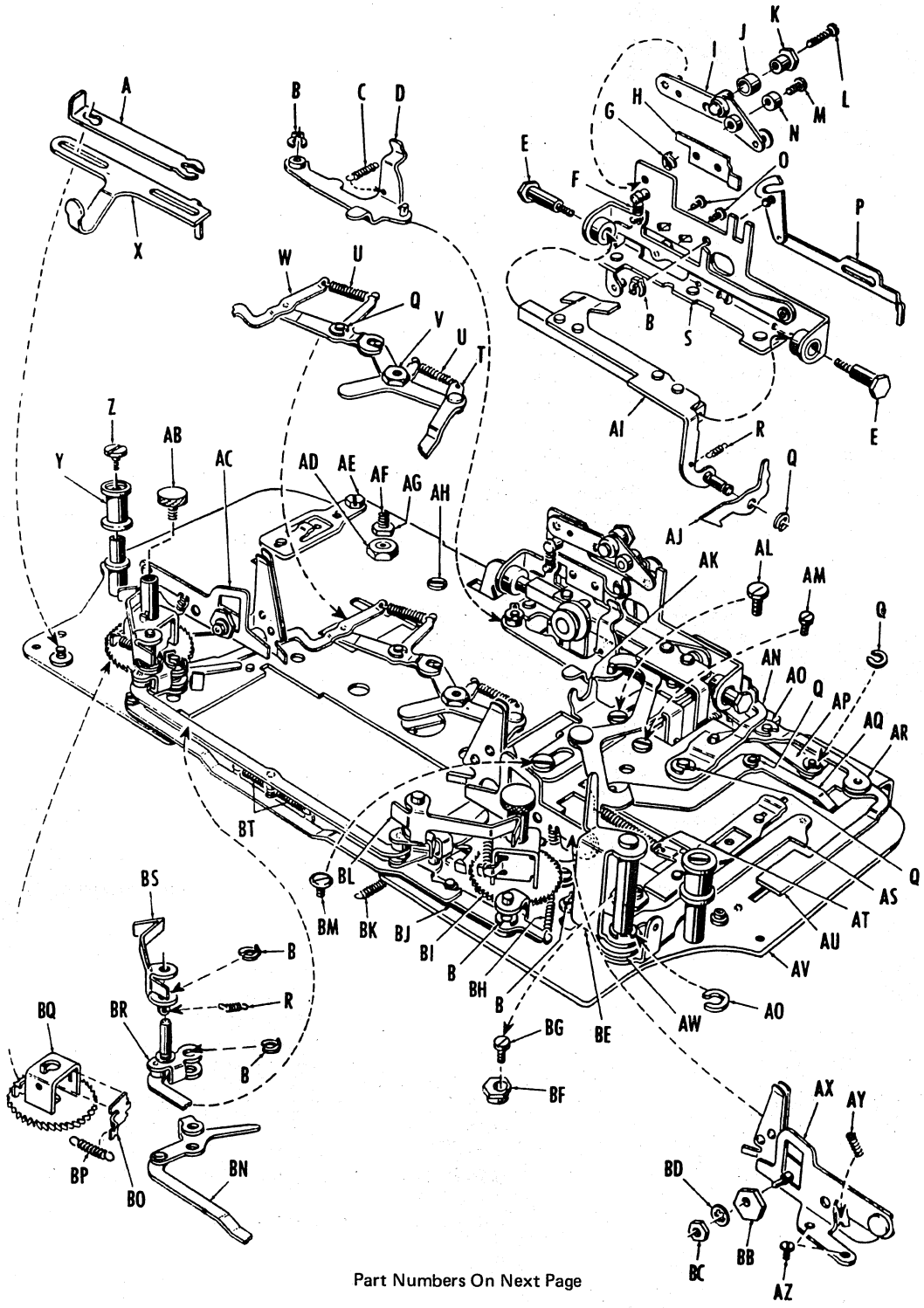
Carriage

PART NUMBERS (Plate I-56) - Continued

BY **1018 0974** rubber sleeve
Use 1017 6758 screw stud for metal end cover
BZ **1020 5383** bracket for stop and control bars
CB **1035 0817** compression spring
CC **1022 7585** cam
CD **1017 5214** spacer for one lane only
1023 7931 spacer for two lanes
CE See Z and AE Plate I-54, use suitable support bracket
CF **1023 7972** screw
CG See G, Plate I-54, for stop bar consistency detail
CH **1010 8983** screw used with support bracket
1010 8991 screw (shown)
CI **1012 8346** tabulating stop, see Plate I-74 for other styles
CJ Use 1020 5193 stop bar for the control roll hangers
Use 1016 3939 bar in the rear rail position
CK Carriage control rolls
1017 5206 19/32" diam. No. 1
1017 5222 1/2" diam. No. 2
1020 8288 7/16" diam. No. 2½ (copper plated)
1017 5230 3/8" diam. No. 3
CL Use 1018 0396 hex. headed screw, 1010 0402 nut and 1256 7459 lockwasher
CM **1022 7551** trip cam (includes 1022 8518 torsion spring and 1027 7762 spring)
CN See CM
CO **1022 7577** cam
CP **1010 4362** lockwasher
CQ **1010 0436** nut
CR **1018 0396** hex. headed screw
CS **1016 4226** bracket, right, use 1010 3406 screw
1016 4218 bracket, left, use 1017 1841 eccentric screw
CT **1010 0386** nut
CU **1020 5375** bracket, right
1020 5383 bracket, left
CV Present construction, latch is part of bracket CU
CW **1027 5840** spring
CX Carriage end cover right
1044 9254 grey 203, metal
1218 4248 blue plastic, use 1256 4043 screws (2) for fixing to side frame

Carriage

. C2 AND D2 CARRIAGES (15" AND 20") - BASE PLATE AND RIBBON MECHANISM - TOP VIEW (Plate I-57)



Part Numbers On Next Page

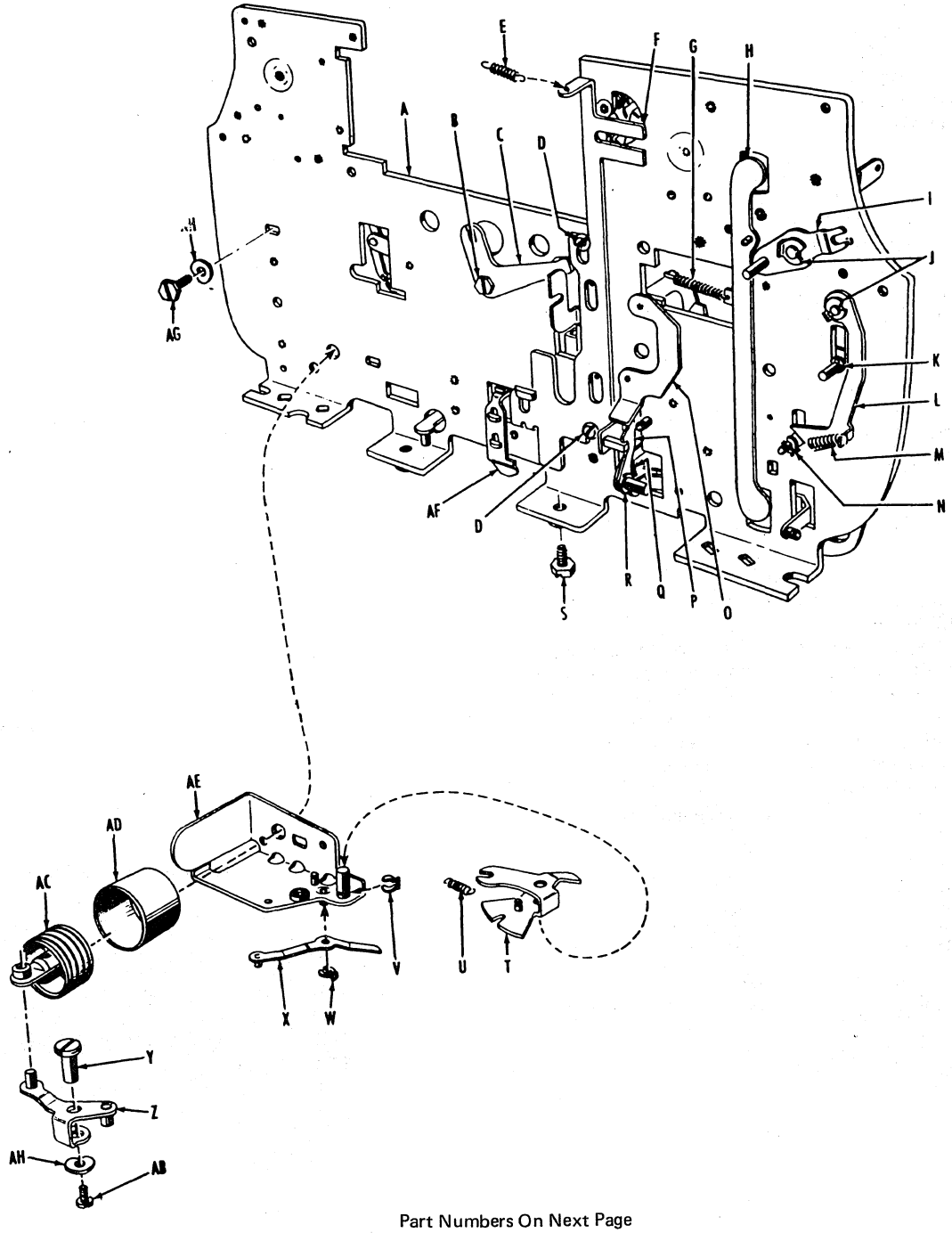
Carriage

PART NUMBERS (Plate I-57)

A **1019 5337** clip
B **1010 0220** clip
C **1017 1437** spring
D **1020 8445** carriage opening arm
E **1018 0339** hex. headed screw
F **1044 1939** spring
G **1010 0154** clip
H **1016 5249** adjustable plate
I **1020 6316** spacing control arm
J **1017 4894** roller
K **1017 0869** eccentric
L **1010 9627** screw
M **1013 9053** screw
N **1017 4696** eccentric
O **1010 5476** screw
P **1016 5215** slide
Q **1010 0147** clip
R **1053 2158** spring
S Bracket, part of carriage base plate
T **1016 4200** ribbon feed arm
U **1027 2045** spring
V **1010 9742** shoulder nut
W **1016 4184** ribbon feed arm
X **1016 0687** control lever
Y **1020 6811** ribbon guide roll
AB **1016 7062** knurled screw
AC **1020 5235** ribbon guide, left, includes AY, BB, BD and BC
1020 5268 ribbon guide for Passbook Carriage; requires 1020 8866 anchor bar; 1020 8833 form guide, left; 1017 2880 (2) for fixing anchor bar to base; 1010 9163 and 1011 0195 screws hold 1020 5268 and 1020 8833 to anchor bar; 1061 3677 spacer between 1020 8833 and 1020 5268
AD **1010 6870** nut
AE Slide and screw not used in present construction
AF **1017 1874** screw
AG **1010 0402** nut
AH **1013 1753** screw
AI **1020 6688** tab bail assembly
AJ **1020 6035** tab pawl
AK Carriage feed slide
1016 5348 for D2 carriage
1020 6019 for C2 carriage, includes the opening hook
AL **1023 8202** screw
AM **1015 2205** screw
AN **1016 6064** arm
AO **1026 7060** clip
AP **1020 8338** bellcrank
AQ **1020 8403** bellcrank for C2 carriage
AR **1020 6357** bellcrank
AS **1020 6621** non-tab lever
AT **1027 6301** spring
AU **1016 5199** slide
AV Carriage base plate
1033 1999 for Series P600
1218 4768 for Series P5000 and P9000
See Plate I-59 for base plates for Three Register machines
AW **1023 8467** washer
AX **1020 5219** ribbon guide, right; includes AY, BB, BD and BC
1020 5250 ribbon guide for Passbook Carriage; requires 1020 8858 anchor bar; 1020 8825 form guide, right; 1017 2880 screw for fixing anchor bar to base; 1010 9163 and 1011 0195 screws hold 1020 5250 and 1020 8858 to anchor bar; 1061 3677 spacer between 1020 8825 and 1020 5250
AY **1023 8509** compression spring
AZ **1018 0289** screw
BB **1020 8361** eccentric
BC **1010 0378** nut
BD **1256 7715** lockwasher
BE **1020 6134** manual tab lever
BF and BG Eccentric, screw and slide not used in present construction
BH **1011 3074** spring
BI **1020 3784** ribbon feed wheel, right
BJ **1016 4986** detent
BK **1027 6798** spring
BL **1016 6296** ribbon reverse sensing finger
BM **1017 9919** screw
BN **1016 4390** ribbon reverse control link
BO **1020 3842** friction plate
BP **1028 7787** spring
BQ **1020 3792** ribbon feed wheel, left
BR **1016 4754** ribbon reverse link
BS **1016 6288** ribbon reverse sensing finger
BT **1027 1989** spring

Carriage

C2 AND D2 CARRIAGES (15" AND 20") - BASE PLATE AND RIBBON MECHANISM - BOTTOM VIEW (Plate I-58)



Part Numbers On Next Page

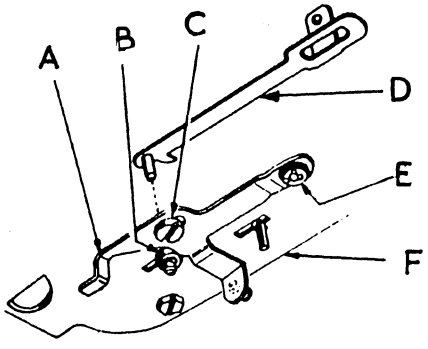
Carriage

PART NUMBERS (Plate I-58)

A		Carriage base plate
	1033 1999	for Series P600
	1218 4768	for Series P5000 and P9000
B	1018 0032	shoulder screw
C	1016 4333	ribbon feed bellcrank
D	1017 1320	screw
E	1027 6798	spring
F	1020 6415	interlock slide for C2 carriage
G	1027 6301	spring
H	1020 8346	tab lever link
I	1020 8312	lever
J	1010 0220	clip
K	1255 3129	clip
L	1020 6266	detent
M	1013 3098	spring
N	1010 0154	clip
O	1020 6647	adjustable limit
P	1020 6035	tab pawl
Q	1053 2158	spring
R	1010 0147	clip
S	1017 3201	hex. headed screw
T	1016 6254	bellcrank
U	1026 9793	spring
V	1300 1417	clip
W	1010 0220	clip
X	1020 8262	lever
Y	1030 1703	bushing
Z	1016 6247	lever
AB	1013 1753	screw
AC	Included in AD	
AD	1016 6270	pot and plunger only
	1226 6706	complete air cushion pot and bracket assembly
AE	1220 6330	bracket only
AF	1020 8650	opening indexing slide for C2 carriage
AG	1018 0354	hex. headed screw
AH	1014 5357	washer

Carriage

C2 AND D2 CARRIAGES (15" AND 20") - BASE PLATE PARTS FOR CARRIAGE CONTROLLED SELECTION OF "A" AND "B" POSITIONS OF O.C.L.60 - PROVIDES FOR AUTOMATIC TOTALS OF REGISTER "B" (Plate I-59)

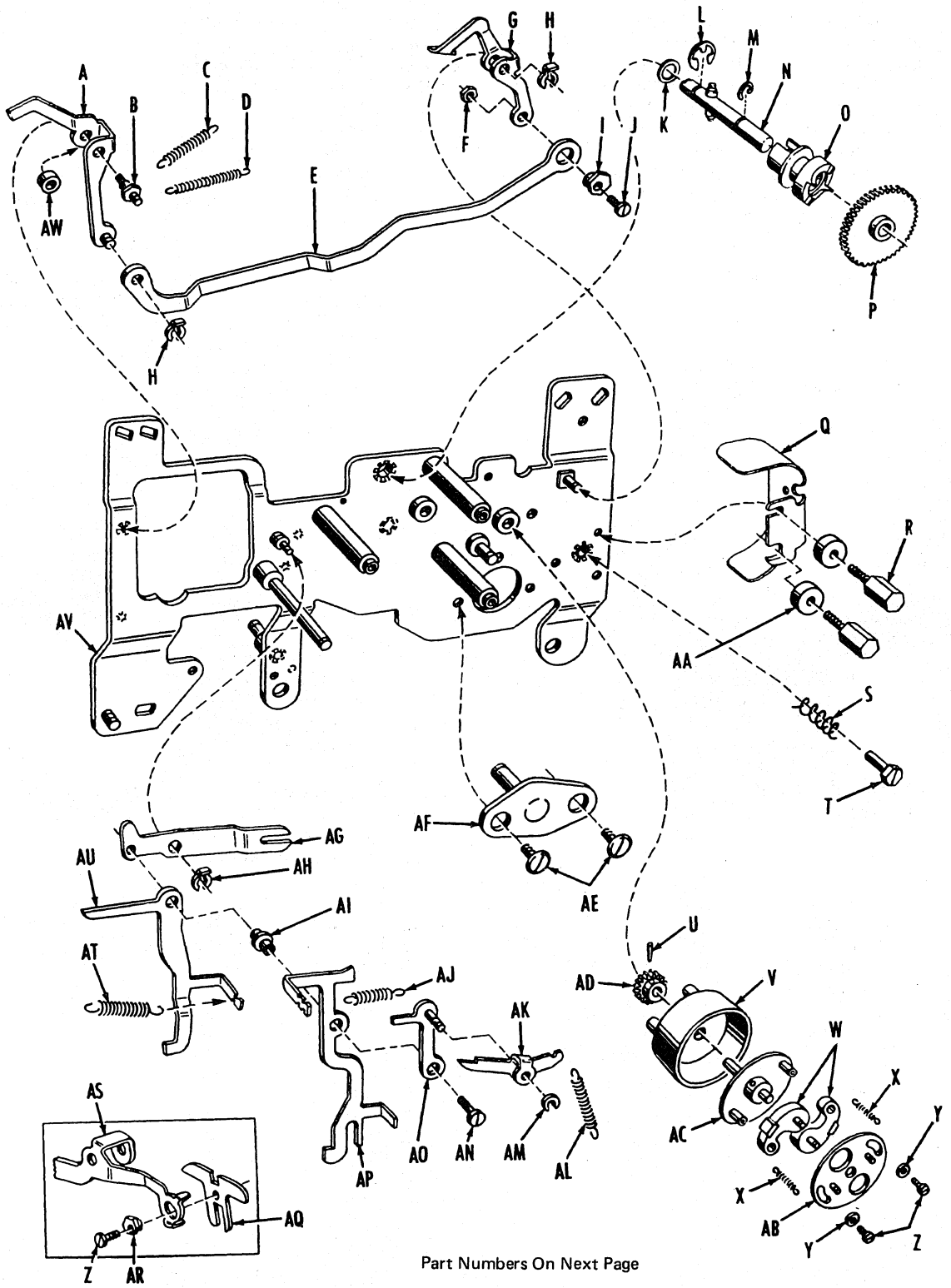


PART NUMBERS (Plate I-59)

A **1215 8283** slide
B **1017 1973** roller, use 1010 4552 washer and 1010 0212 clip
C **1215 8440** screw
D **1020 6621** non-tab lever
E **1255 3152** clip, use 1010 4446 washer
F Carriage base plate
1215 8366 for Series P600 machines
1218 6573 for Series P9000 machines

Carriage

C2 AND D2 CARRIAGES - M.R.C. UNIT, OUTER VIEW (Plate I-60)



Part Numbers On Next Page

Carriage

PART NUMBERS (Plate I-60)

Complete Assembled M.R.C. Units

1052 3454 - Series P621, P9064-1; P643, P5525-03; P644, P5528-04
1052 3462 - Series P622, P9064-2; P623, P9067-3; P625, P9064-5; P662, P9044-2
1645 0827 - Series P661, P9044-1; P663, P9047-3; P665, P9044-5
1052 3470 - Series P12, P9074-1; P613, P9077-3; P615, P9074-5
1215 3185 - Series P612, P9454-2; P673, P9457-3; P675, P9454-5
1216 1659 - Series P681, P9444-1; P645, P5725-05; P646, P5728-06
1216 1667 - Series P682, P9444-2; P683, P9447-3; P685, P9444-5

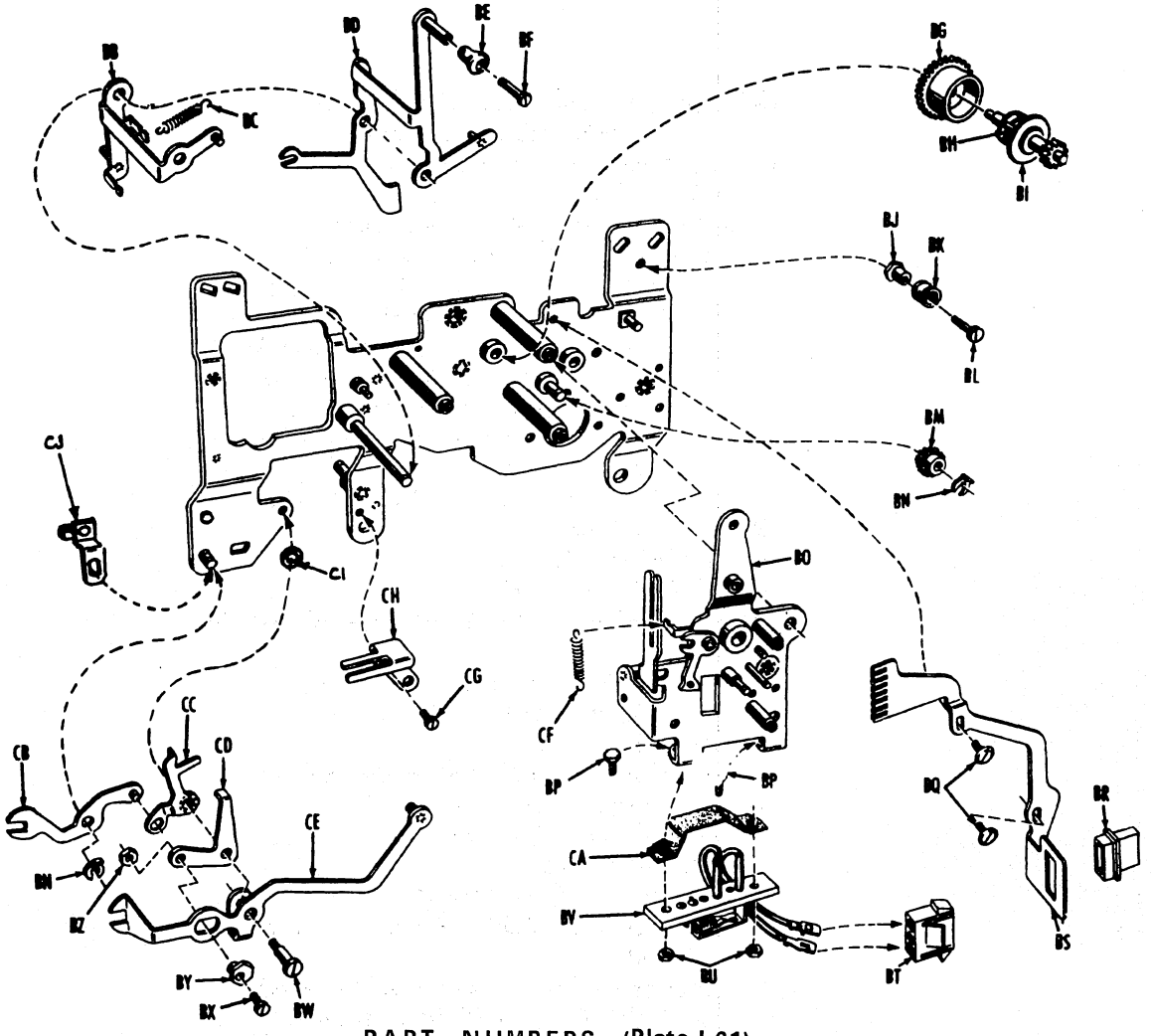
NOTE: These M.R.C. units also apply to their respective "Tape punch styles" which have a "P" suffix. M.R.C. units for P600R styles no longer available.

A **1022 8203** bellcrank
B **1023 8475** spring anchor screw
C **1026 9363** spring
D **1026 9504** spring
E **1022 8237** link
F **1010 0378** nut, later style of G with threaded hub eliminates this nut
G **1022 8229** bellcrank (with threaded hub for screw J)
H **1010 0220** clip
I **1022 8252** eccentric
J **1010 9601** screw
K **1010 4149** washer
L **1017 4290** clip
M **1030 0358** clip
N **1016 8409** shaft
O Sliding clutch dog
1015 5596 regular (4 teeth at 90° angles)
1215 3144 used for Three Register styles and machines with register "B" auto-totals construction (4 teeth not equally spaced but paired at 60° angle)
P Gear and clutch member
1022 7650 regular (4 teeth at 90° angles)
1215 3169 used for Three Register styles and machines with register "B" auto-totals construction (4 teeth not equally spaced, paired at 60° angle)
Q **1015 5547** clutch cover
R Screw shown, not used in present construction, use 1017 1320 screw (2)
S **1035 0858** compression spring
T **1017 6469** threaded bushing
U **1010 5625** pin
V **1015 5620** brake drum, includes U, AC, and AD
1029 4353 complete assembled governor assy., includes U, V, W, X, Y, Z, AB, AC and AD
W **1046 7215** brake weight
1010 7324 plastic brake pad
X **1027 6426** spring
Y **1010 9403** washer
Z **1010 9163** screw
AA Spacer, not used in present construction (see R for screw)
AB **1061 7793** adjusting disc
AC **1016 8433** disc gear assembly
AD Gear part of AC
AE **1017 3110** screw
AF **1016 8524** adjustable pulley mount
AG **1016 8490** auxiliary clutch trip arm
AH **1300 1417** clip
AI **1017 4761** bushing
AJ **1027 7135** spring
AK **1022 7940** latch
AL **1010 7902** spring
AM **1010 0154** clip
AN **1010 8421** screw
AO **1022 7718** intermediate clutch trip arm
AP **1022 7528** clutch trip arm
AQ **1015 5455** adjusting blank
AR **1017 2575** eccentric
AS **1016 8482** driver arm
AT **1026 9348** spring
AU **1016 8508** clutch trip arm
AV **1022 7452** M.R.C. unit plate
AW **1017 4480** spacer

Part Numbers Continued On Next Page

Carriage

C2 AND D2 CARRIAGES - M.R.C. UNIT, OUTER VIEW (Plate I-61)



PART NUMBERS (Plate I-61)

BB **1015 5224** bail
BC **1013 3387** spring
BD **1022 7791** normalising lever
BE **1010 8363** knob
BF **1010 8413** screw
BG **1015 5604** clutch drum; groove around outside identifies the part which functions with BI (without clutch slip)
BH **1015 5653** compression spring
BI **1016 8425** roller clutch assembly
BJ **1022 8211** eccentric hub
BK **1022 8245** roller
BL **1035 1021** screw
BM **1015 5612** gear
BN **1010 0220** clip
BO **1022 7478** rear plate
BP **1017 2096** screw, used only with open type micro-switch BV (as shown)
BQ **1010 5682** screw
BR **1023 8541** receptacle, not used in present construction

Carriage

PART NUMBERS (Plate I-61) - Continued

BS **1023 3245** guide comb, use 1026 9074 grommet for closed type switch BV

BT **1023 8533** mating receptacle for BQ

BU **1010 0378** nut

BV Part shown, no longer available, use the following closed type micro-switch consistency:- 1216 1865 micro-switch, 1216 1790 bracket, 1216 1816 insulating paper, 1010 0212 clips (2), 1216 1808 lever, 1216 1824 double ended bushing, 1027 2755 spring, 1216 1832 screw, 1034 8720 crimp type terminal (2), 1010 9601 screws (2), 1010 6201 spring anchor screw, 1013 3387 spring.
See Plate I-64 for illustration of these parts

BW **1010 9841** screw

BX **1010 8983** screw

BY **1022 8252** eccentric

BZ **1010 0378** nut, not required for CD with threaded hub

CA Not used in present construction, see BV

CB **1022 8104** bellcrank

CC **1022 8161** bellcrank

CD **1034 0347** bellcrank with threaded hub

CE **1022 7684** interlock lever

CF **1027 6400** spring for inner latch

CG **1010 6466** screw

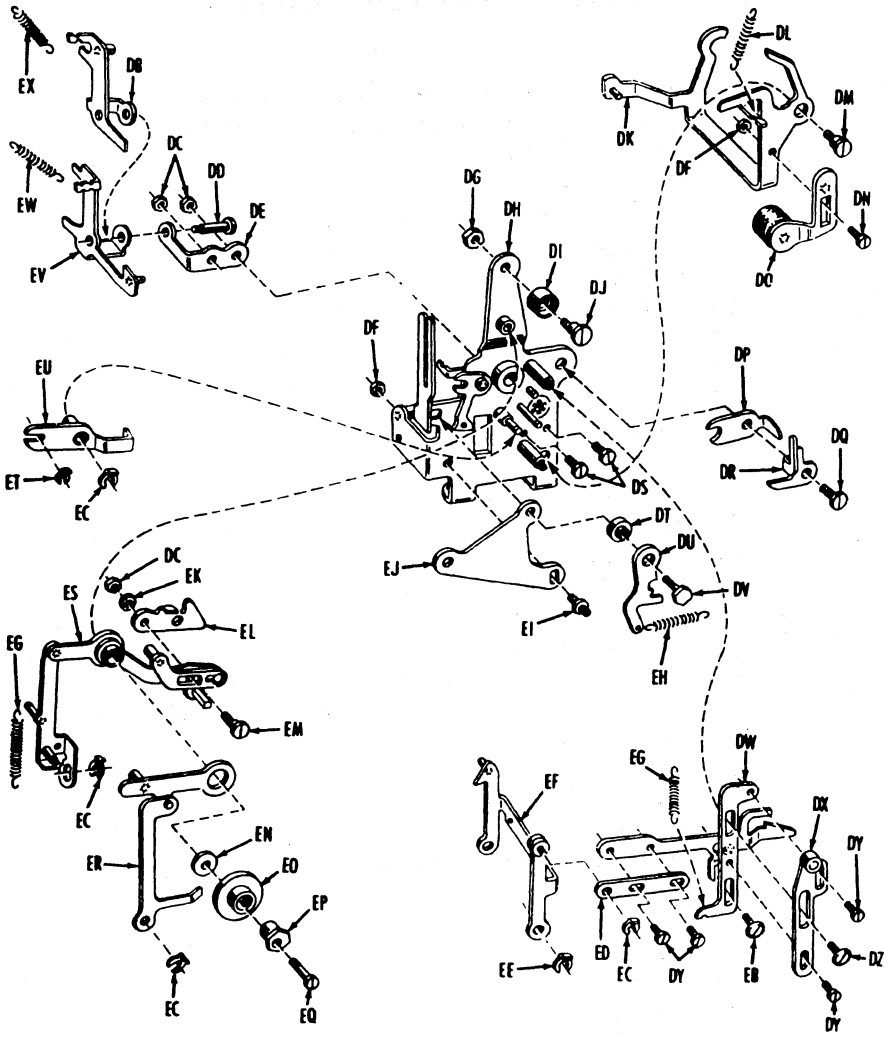
CH **1015 5471** bracket and guide
1220 7726 bracket and guide for return delay mechanism

CI **1011 1193** washer, used between CE and M.R.C. plate to reduce play of levers CD and CC on screw BW

CJ Limit bracket for auto-total mechanism
1022 8302, use 1017 9778 eccentric and 1025 9554 screw

Carriage

C2 AND D2 CARRIAGES - M.R.C. UNIT, OUTER VIEW (Plate I-62)



PART NUMBERS (Plate I-62)

DB **1015 5299** clutch arm
DC **1010 0378** nut
DD **1027 6681** screw
DE **1015 5513** brace
DF **1010 0360** nut
DG **1010 0360** nut
DH **1022 7478** rear plate
DI **1017 4753** roller
DJ **1018 0404** eccentric screw
DK **1022 7767** switch control bail

DL **1027 6897** spring, for open type micro-switch construction only. See Plate I-64 for spring required for present construction.
DM **1017 9992** shoulder screw, for open type micro-switch construction only. See Plate I-64 for present construction.
DN **1010 8983** screw, for open type micro-switch construction only
DO Part shown not used in present construction, See BV, Plate I-61 for consistency

Part Numbers Continued On Next Page

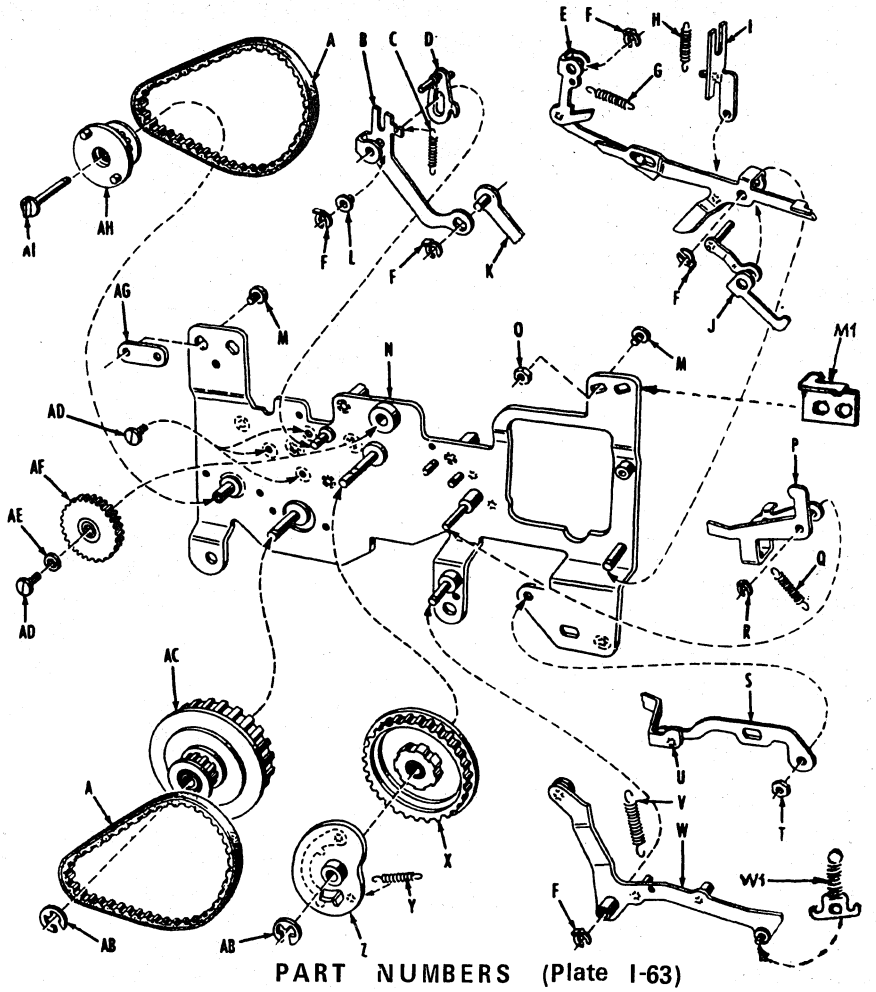
Carriage

PART NUMBERS (Plate I-62) - Continued

DP	**1022 7809**	latch only, see A, Plate I-64 for latch and switch bracket (present construction)
DQ	**1013 1753**	screw
DR	**1022 7957**	guide
DS	**1010 9601**	screw
DT	**1307 2665**	shouldered spacer
DU	**1015 5521**	detent
DV	**1017 1726**	screw
DW	**1022 7734**	disengagement slide
DX	**1015 5430**	knock-out link
DY	**1025 7871**	screw
DZ	**1025 8002**	screw
EB	**1013 2918**	screw
EC	**1010 0220**	clip
ED	**1022 7817**	adjustable link
EE	**1010 0238**	clip
EF	**1022 7742**	return bar index bail
EG	**1026 9363**	spring
EH	**1027 6947**	spring
EI	**1011 0120**	spring anchor screw, use 1230 0612 screw and 1256 7715 lockwasher for carriage return delay mechanism, see Plate I-66
EJ	**1016 8441**	brace
EK	**1256 7715**	lockwasher
EL	**1015 5554**	safety release cam
EM	**1017 9786**	eccentric screw
EN	**1010 8736**	washer
EO	**1017 4779**	roller
EP	**1017 4357**	eccentric
EQ	**1010 7100**	screw
ER	**1022 7627**	return driver arm
ES	**1022 7494**	auxiliary clutch arm
ET	**1300 1433**	clip
EU	**1022 7932**	lever
EV	**1016 8466**	auxiliary clutch arm
EW	**1027 3381**	spring
EX	**1013 3098**	spring

Carriage

C2 AND D2 CARRIAGES - M.R.C. UNIT. INNER VIEW (Plate I-63)



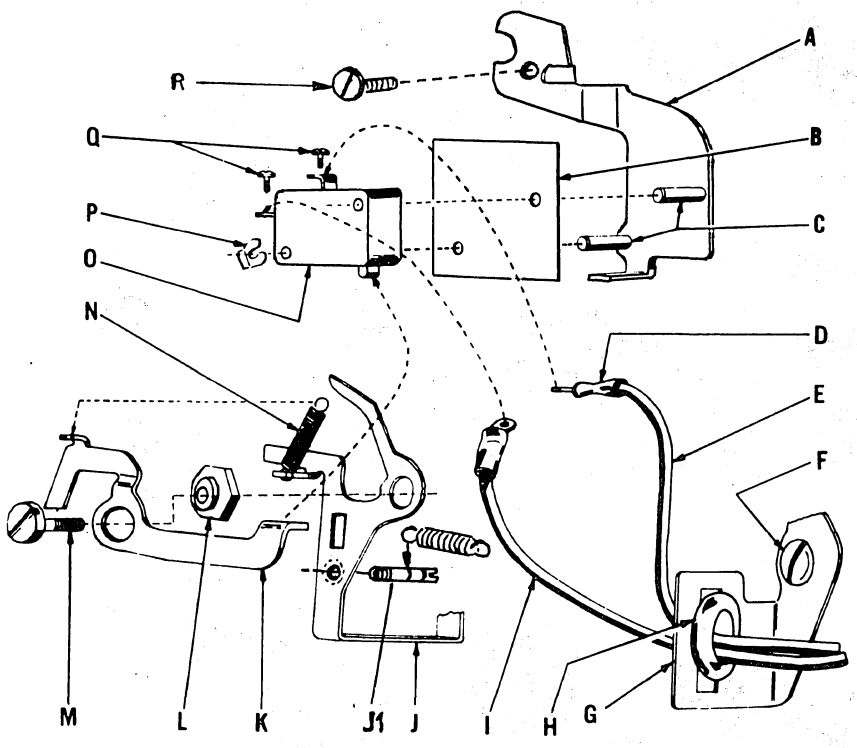
PART NUMBERS (Plate I-63)

A	1015 5661	driving belt
B	1015 5356	lever
C	1027 7077	spring
D	1015 5364	yielding link
E	1022 8138	trip release assembly
F	1010 0220	clip
G	1027 7135	spring
H	1027 7549	spring
I	1022 8294	link
J	1022 8088	auxiliary lever
K	1022 7684	interlock arm
L	1010 3323	shoulder spacer
M	1010 3851	screws (2) used on left
	1013 8758	hex. headed screws (2) used on right for M1
M1	1022 8492	adjustable limit for hand tab mechanism
N	1022 7452	M.R.C. plate
O	1010 0402	nut
P	1643 2908	release bail for small diameter post
P	1022 8039	release bail for present construction
Q	1027 2847	spring
R	1010 0212	clip
S	1022 8179	switch control arm
T	1010 9742	shoulder arm
U	1022 7767	switch control arm
V	1028 8421	spring
W	1022 8054	power arm
W1	1020 1127	connecting spring for power drive arms
X	1022 7676	secondary pulley
Y	1028 6573	spring
Z	1022 8021	power cam
AB	1017 4290	clip
AC	1015 5331	pulley
AD	1010 5229	screw
AE	1256 7715	lockwasher
AF	1015 5323	gear
AG	1015 5489	plate
AH	1015 5349	pulley
AI	1015 5638	screw

Carriage

C2 AND D2 CARRIAGES - M.R.C. UNIT, SWITCH OPERATING MECHANISM

(Plate I-64)



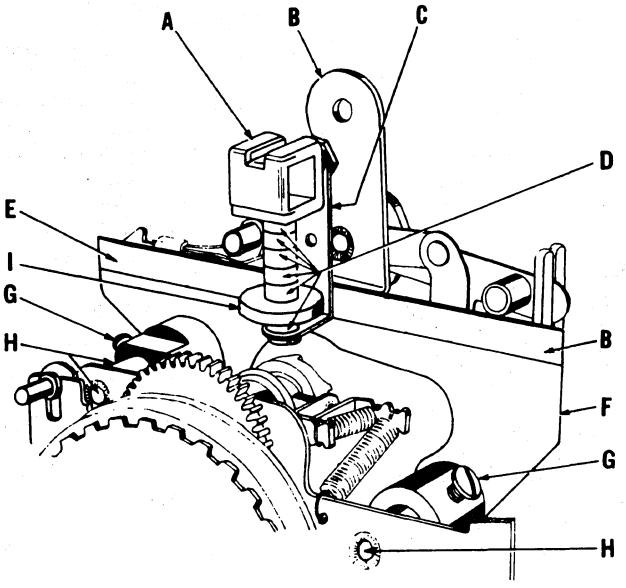
PART NUMBERS (Plate I-64)

Note : This mechanism supercedes all earlier type of switch operating mechanism

A **1216 1790** switch bracket
B **1216 1816** insulator
C Studs, part of A
D **1034 8720** terminal
E **1216 1840** leadwire, includes D
F **1010 5682** screw
G **1023 3245** guide comb
H **1026 9074** grommet
I **1216 1857** lead wire, includes D
J **1022 7767** bail
J1 **1010 6201** spring anchor screw, use 1013 3387 spring
K **1216 1808** lever
L **1216 1824** double ended shoulder bush (1 end ecc.)
M **1216 1832** screw
N **1028 7787** spring
O **1216 1865** micro-switch
P **1010 0212** clip
Q Micro-switch terminal screws are part of O
R **1013 1753** screw

Carriage

C2 AND D2 CARRIAGES - BRACE WHICH PREVENTS SAG OF CONTROL BAR (Plate I-65)

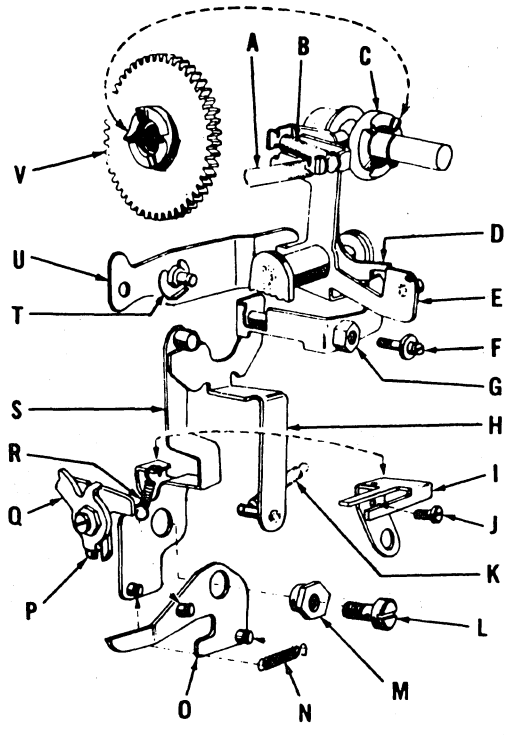


PART NUMBERS (Plate I-65)

A **1020 6951** control roll hanger, includes 1024 8813 screw
B **1022 7478** rear plate
C **1020 8254** support bracket
1020 8247 support bracket with finger for subtotal
D Spacing collar
1017 5214 for one lane
1023 7931 for two lanes
E Plastic strip, cemented to and part of F
F **1216 3754** brace
G **1010 8694** hex. headed screws
H Part of unit back plate
I Control rolls
1017 5206 19/32". diam. No. 1
1017 5222 1/2" diam. No. 2
1020 8288 7/16" diam. No. 2½ (copper plated)
1017 5230 3/8" diam. No. 3

Carriage

C2 AND D2 CARRIAGES - M.R.C. UNIT - CARRIAGE RETURN DELAY MECHANISM (Plate I-66)



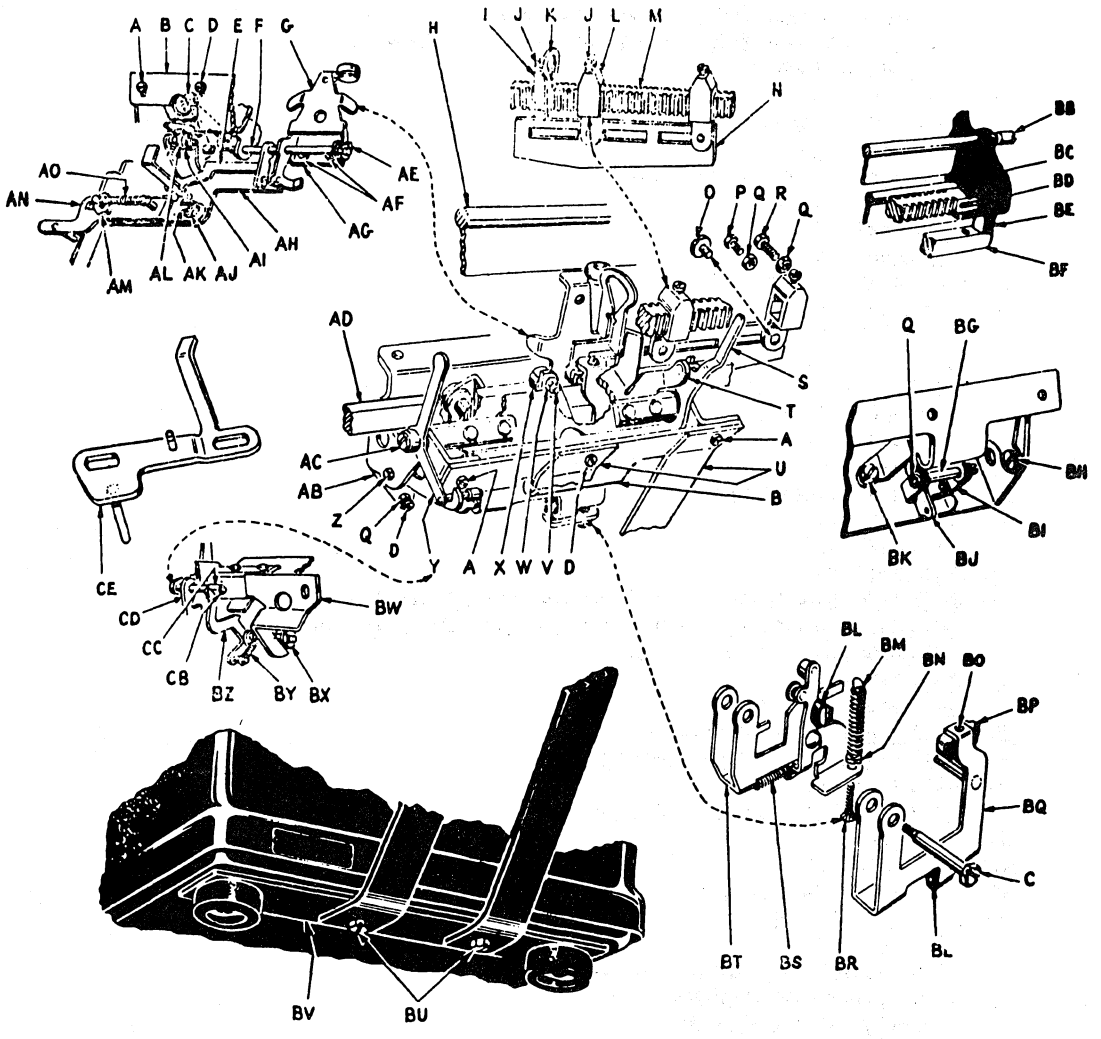
PART NUMBERS (Plate I-66)

Note : This mechanism is required for Series P600, P9000 machines (Three Register Styles) and for the feature (Register B Auto-totals carriage controlled)

A **1027 3381** spring
B **1013 3098** spring
C **1215 3144** clutch dog (clutch dog teeth paired at 60° angle as shown)
Do not use the regular part (which has 4 equally spaced teeth) with this delay mechansim
D **1015 5299** clutch arm (illustration shows cut away tip which is just to expose mating part of H
E **1016 8466** auxiliary clutch arm
F **1230 0612** screw, use 1256 7434 lockwasher
G **1220 8229** pivot post for H
H **1220 8211** delay arm
I **1220 7726** guide and anchor for spring R
J **1010 6466** screw
K **1011 3082** spring
L **1027 7036** screw
M **1026 0248** eccentric
N **1027 6798** spring
O **1215 6469** auxiliary control arm
P **1015 5455** adjusting blank
Q **1016 8482** driver arm
R **1027 1997** spring
S **1215 6477** control arm
T **1300 1417** clip
U **1016 8490** auxiliary clutch trip arm
V **1215 3169** carriage return gear and mating clutch member for C.
Do not use the regular part (which has 4 equally spaced clutch dog teeth) with this delay mechanism

Carriage

12¼" CARRIAGES - TABULATING BRAKE AND NON-TABULATING MECHANISM (Plate I-67)



PART NUMBERS (Plate I-67)

A **1011 0179** screw, use 1010 0360 nut
B **1012 9948** bracket
C **1013 1555** screw
D **1011 0021** screw
E **1012 7918** slide
F **1012 3776** shaft
G Spacing control lever
1013 0078 for "S" carriage only
1013 0060 for 12¼" carriages equipped with tabulating mechanism
H **1012 3669** space control bail
I **1013 3023** carriage stop brace
K **1012 8346** carriage stop, tabulating
See Plate I-76 for other styles
L **1013 3007** stop brace
M See Plate I-76 for stop bars
N Brake actuating plate
1012 7967 used for 1½" to 3½" skip tabulation
1012 7975 used for 3½" to 6" skip tabulation
O **1010 4248** screw
P **1013 2454** screw
Q **1010 0378** nut
R **1013 2462** screw
S **1012 9963** tabulating lever
T **1013 0011** tabulating stop bail
U Carriage brace
1012 7348 grey 215
1216 1428 tan 140
1012 7355 grey 215 - Style 13

Part Numbers Continued On Next Page

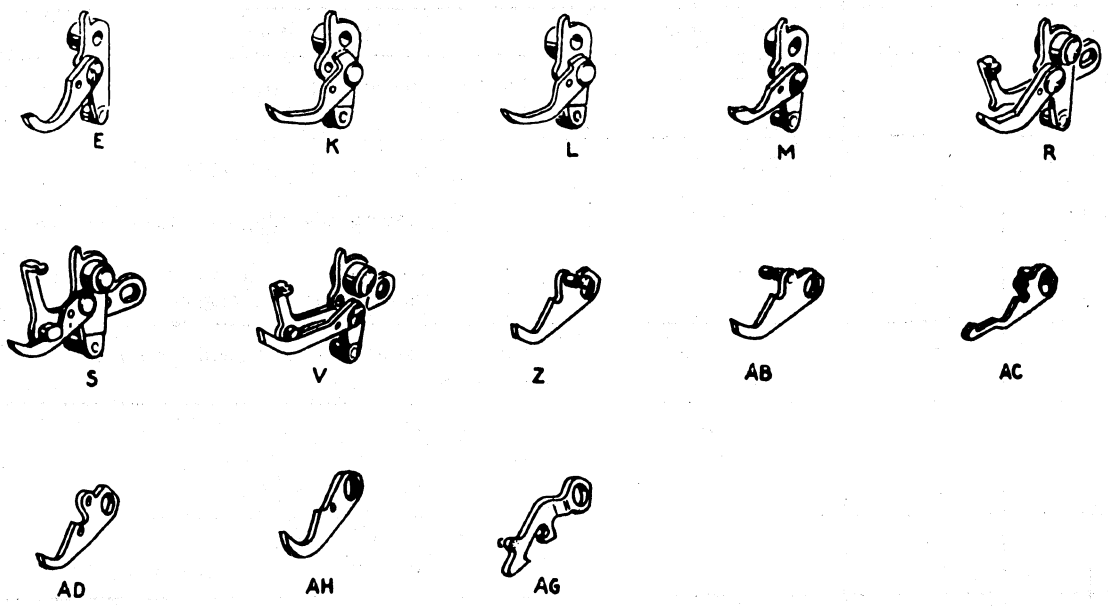
Carriage

PART NUMBERS (Plate I-67) - Continued

V	1013 2884	screw
W	1010 0410	nut
X	1013 1522	roller (upper and lower)
Y	1012 7355	carriage tabulation disabling lever
Z	1010 0360	nut, use 1010 4164 washer and 1015 3724 screw
AB	1012 7900	bracket
AC	1013 1795	screw
AD	1039 3312	support rail
AE	1010 0220	clip
AF	1010 9197	screw, use 1010 0378 nut
AG	1013 0037	bracket
AH	1012 7884	bracket
AI	1013 0870	roller
AJ	1017 2484	shoulder nut
AK	1010 9023	screw
AL	1010 4586	roller
AM	1013 2025	spring anchor screw
AN	1012 7942	control slide
AO	1026 9363	spring
BB	1013 1480	nut
BC	1010 5468	knurled screw for stop bar
BD	1044 2762	screw for rail
BE	1013 1407	spacer
BF	1026 8571	rail
BG	1013 2512	shaft
BH	1015 3724	screw, use 1010 4164 washer and 1010 0360 nut
BI	1013 0029	bracket, use 1010 9197 screws and 1010 0378 nuts
BJ	1013 0060	spacing control lever
BK	1013 1753	screw
BL	1013 3437	rubber limit
BM	1013 3353	spring, includes BN
BN	1040 5454	nut type end for spring
BO	1013 1571	screw
BP	1012 8007	brake pad, includes screw BO
BQ	1012 7983	bracket
BR	1013 1845	screw
BS	1013 3379	spring, includes 1026 5981 clip
BT	1012 7991	bracket
BU	1010 4024	screws
BV		Strap is welded to base (present construction).
		Machine base part numbers
	1053 3495	10 col. Class 10
	1216 1139	10 col. Class 910108 restyled
	1013 6067	13 col. Class 9
BW	1012 9955	bracket
BX	1010 0212	clip
BY	1035 2136	spring
BZ	1012 8114	tabulating pawl, use 1010 5450 shoulder screw and 1010 0378 nut
CB	1010 0170	wire clip
CC	1010 4511	roller
CD	1012 9989	detent
CE	1012 7934	control slide

Carriage

CARRIAGE FEED PAWL CHART (Plate I-68)



PART NUMBERS (Plate I-68)

Carriage	Ref.	Part Number	Description
N	E	1012 4527	For 1/6" spacing, use 1012 4873 feed pawl limit plate
	M	1012 4493	For 1/4" spacing, use 1012 4881 feed pawl limit plate
	L	1039 5200	For 1/6" and 1/3" spacing, with adjustable lever, use 1012 4881 feed pawl limit plate
	L	1039 5200	For 1/3" spacing, use 1039 5416 feed pawl limit plate
	K	1012 4535	For 1/2" spacing, use 1013 1431 eccentric bush, 1013 1449 spacer and 1010 3869 screw
NA	E	1012 4527	For 1/6" spacing, use 1012 4873 feed pawl limit plate
and	M	1012 4493	For 1/4" spacing, use 1012 4881 feedpawl limit plate
NA-R	L	1039 5200	For 1/6" and 1/3" spacing, with adjustable lever, use 1039 5416 feed pawl limit plate (not applicable to NA carriage, Series P1000)
	L	1039 5200	For 1/3" spacing, use 1039 5416 feed pawl
	K	1012 4535	For 1/2" spacing, use 1013 1431 eccentric bush, 1013 1449 spacer and 1010 3869 screw
NA-2 and A-2		1020 5417	Form spacing adjustable 1/6" to 5/6" (see W, Plate I-6 for illustration)

Carriage

PART NUMBERS (Plate I-68) - Continued

Carriage	Ref.	Part Number	Description
NS	E	1012 4527	For 1/6" spacing, use 1012 4873 feed pawl limit plate
R, RA, RB, RC, RD, RE and RF	E	1012 4527	For 1/6" spacing, use 1012 4873 feed pawl limit plate
	L	1039 5200	For 1/3" spacing, use 1039 5416 feed pawl limit plate
	K	1012 4535	For 1/2" spacing, use 1013 1431 eccentric bush, 1013 1449 spacer and 1010 3869 screw
F	R	1012 4550	For 1/6" spacing, non-print and non-space from O.C.K.'s
FE	S	1012 4568	For 1/6" spacing
	V	1029 1201	For 1/3" spacing
	V	1029 1201	For 1/6" and 1/3" spacing
RG	AB	1012 4857	For 1/6" spacing,on left
	Z	1012 4840	For 1/6" spacing, on right
S and SA	Z	1012 4840	For 1/6" spacing, on right
	AB	1012 4857	For 0", 1/6" and 1/3" spacing, on left
T and TA	Z	1012 4840	For 0", 1/6" and 1/3" spacing
	Z	1012 4840	For 0" and 1/4" spacing
W	Z	1012 4840	For 0", 1/6" and 1/3" spacing
	Z	1012 4840	For 0" and 1/4" spacing
			For 1/6" spacing, reciprocating progressive
	AD	1039 5481	Push pawl for forward ratchet
	AC	1039 5531	Pull pawl for backward ratchet
			For 0", 1/6", 1/3" and 1/2" spacing
	AH	1046 1689	Push pawl
	AG	1039 5523	Pull pawl
W2	Z	1012 4840	For 0", 1/6" and 1/3" spacing
			For 0", 1/6", 1/3" and 1/2" spacing
	AH	1046 1689	Push pawl
	AG	1039 5523	Pull pawl
W2-S	Z	1012 4840	For 0", 1/6" and 1/3" spacing
X, XA and XC	AB	1012 4857	For 0", 1/6" and 1/3" spacing
Y and YA	Z	1012 4840	For 0", 1/6" and 1/3" spacing, right and left For right
	AB	1012 4857	For left

Continued On Next Page

Carriages

PART NUMBERS (Plate I-68) - Continued

Carriage	Ref.	Part Number	Description
B	Z	1012 4840	For 0", 1/6" and 1/3" spacing
and			For Platen split
B(S)	Z	1012 4840	For right
		1012 4857	For left
C		1016 4457	Regular (see CW, Plate I-41)
and			For Platen Split
D		1016 4416	For right
		1016 4408	For left
C2		1016 4416	Regular (see BL, Plate I-50)
and			For Platen Split
C3		1016 4416	For right
		1016 4408	For left
D2		1016 4457	Regular (see AT, Plate I-45)
			For Platen Split
		1016 4416	For right
		1016 4408	For left

Carriage

PLATEN AND CARRIAGE SIDE FRAME CHARTS (Plate I-69) - Page 1

Note : For carriage code descriptions see Plate I-1.

CARRIAGES 3 7/8" – One only platen hardness or density is available				
Carriage Code	**Machine Styles**	**Platen Assembly With Right Hand Side Frame**	**Right Hand Side Frame**	**Left Hand Side Frame**
N	Classes 8-9-10; steel case, steel base	1012 2943	1216 1915	1012 5292
NA	Classes 8-9-10; steel case, steel base	1039 1944	1012 5425	1012 5292
NA, NA-R	Series P1000, P3000; plastic case, steel base	1216 1899	1216 1915	1012 5292
NA	Series P2300, P3200, P3400, P3600; plastic case, plastic base	1216 1899	1216 1915	1012 5292
N-2 (S)	Series P7415, P7615; plastic case, plastic base	1216 6435	1216 6450	1216 6674
NS	Classes 8-9-10; steel case, steel base	1020 2869	1012 5284	1039 6265
NA-2	Series P100, P2100, P200, P2200, P300, P2300; die cast case, die cast base	1012 2877	1012 5425	1016 4531
	Series P2200, P2300, P2400; plastic case, plastic base	1224 6500	1012 5425	1016 4531
R, RA, RB, RC RD	Classes 8-9-10; steel case, steel base	1216 6435	1216 6450	1216 6674
	Series P2300, P3200, P3400, P3600, P7400, P7600; plastic case, plastic base	1216 6435	1216 6450	1216 6674
RE	Classes 8-9-10; steel case, steel base	1012 2984	1012 5284	1020 4097
	Series P3000; plastic case, steel base	1216 1204	1216 1741	1216 1311
RF	Class 10; steel case, steel base	1012 2984	1012 5284	1020 4097
A-2	Series P400; die cast case, die cast base	1016 3889	1016 4580	1016 4531
	Series P5000; plastic case, plastic base	1228 2869	1016 4580	1016 4531

Part Numbers continued on next page

Carriage

PART NUMBERS (Plate I-69) – Continued – Page 2

CARRIAGES 6"		
Carriage Code	Machine Styles	Platen Assembly
F and FE	Classes 8-9-10; steel case, steel base	1020 3123

See Plate I-14 for side frame detail, Ref. Q

CARRIAGES 7½"				
Carriage Code	Machine Styles	Platen Assembly With Right Hand Side Frame	Right Hand Side Frame	Left Hand Side Frame
RG	Class 1010383, 1010384; steel case, steel base	1020 2844	1012 5433	1012 5391
RG; with chain drive twirler	Series P7615-83, P7615-84; plastic case, plastic base	1812 9387	1812 9312	1012 5391

CARRIAGES 12¼"

Note : 12¼" platens are available in only one degree of density or hardness and in one standard diameter 1.115" which accommodates forms up to .006" thick.

Any deviation in platen diameter to accommodate thicker forms will require a special order and standard price will not apply.

Carriage Code	Machine Styles	Platen Assembly	Right Hand Side Frame	Left Hand Side Frame
S, SA platen split 9 7/8"x2 3/8"	Classes 8-9-10; steel base, steel case Series P1000, P8325-08; plastic case, steel base Series P2328, P2338, P2328-08,-12; plastic case, plastic base	1223 5685 includes right hand side frame	1219 9089	1219 7315
T, TA	Classes 8-9-10; steel case, steel base Series P1000, P2325-08; plastic case, steel base Series P2328, P2338, P2328-08,-12; plastic case and plastic base	1020 3008	1219 9089	1223 5677

Carriage

PART NUMBERS (Plate I-69) - Continued - Page 3

CARRIAGES 12¼" - Continued				
Carriage Code	Machine Styles	Platen Assembly	Right Hand Side Frame	Left Hand Side Frame
W	Classes 8-9-10; steel case, steel base Series P1000; plastic case, steel base Series P2328, P2338, P3200, P3400, P3600; plastic case, plastic base	1020 3008	1216 6880	1216 6906
W2, W2-S	Series P100, P200, P300, P110, P210, P310; die cast base, die cast base	1020 3008	1016 4556	1016 4507
	Series P2100, P2200, P2300, P2110, P2210, P2310; die cast case, die cast base Series P2200, P2300, P2415, regular and shuttle carriage styles; plastic case, plastic base	1020 3008	1221 4821	1016 4507
X, XA, XC, XD; platen split in middle	Classes 8-9-10; steel case, steel base Series P1000; plastic case, steel base Series P2328, P2338, P8328-08,-12 and P8325-26; plastic case, plastic base	1228 2794 includes left hand frame	1219 9089	1219 7315
Y, YA; platen split in middle	Classes 8-9-10; steel case, steel base Series P1000, P8325-08; plastic case, steel base Series P2328, P2338, P2328-08,-12; plastic case, plastic base	1020 9617 (2 req'd.) Use 1020 5599 tubular platen support	1219 9089	1219 7315
B, B(S); regular platen	Series P400 regular and shuttle carriage styles; die, cast case, die cast base	1020 3008	1016 4549	1016 4507
	Series P5000 regular and shuttle carriage styles; plastic case, plastic base	1020 3008	1218 4982	1218 4966
B; platen split 9 7/8" x 2 3/8"	Series P400; die cast case, die cast base	1020 2901 includes right hand side frame	1016 4556	1016 4515
	Series P5000; plastic case, plastic base	1219 1094 includes right hand side frame	1218 4982	1219 1011

Carriage

PART NUMBERS (Plate I-69) – Continued – Page 4

CARRIAGE 15"

Note : Parts for C and D carriages available for only as long as stocks last

Carriage Code	Machine Styles	Platen Assembly	Right Hand Side Frame	Left Hand Side Frame
C, regular platen	Series P600; die cast case and base	1044 6706	1044 7399	1044 7332
C, platen split 11" x 3¾"	Series P600; die cast case and base	1033 1791	1044 7399	1044 7332
C, platen split 7½" x 7½"	Series P600; die cast case and base	1033 1809	1044 7399	1044 7332
D, regular	Series P600; die cast case and base	1044 6706	1020 4105	1020 4139
D, platen split 11" x 3¾"	Series P600; die cast case and base	1033 1791	1020 4105	1020 4139
D, platen split 7½" x 7½"	Series P600; die cast case and base	1033 1809	1020 4105	1020 4139
C2, C3 regular platen	Series P600; die cast case and base	1020 3206	1020 4147	1020 4162
	Series P5000, P9000; plastic case, plastic base	1020 3206	1218 4016	1218 3992
C2, platen split 11" x 3¾"	Series P600; die cast case and base	1020 3180	1020 4147	1020 4162
	Series P5000, P9000; plastic case, plastic base	1020 3180	1218 4016	1218 3992
C2, platen split 7½" x 7½"	Series P600; die cast case and base	1020 3172	1020 4147	1020 4162
	Series P5000, P9000; plastic case, plastic base	1020 3172	1218 4016	1218 3992
D2, regular platen	Series P600; die cast case and base	1020 3206	1020 4105	1020 4139
	Series P5000, P9000; plastic case, plastic base	1020 3206	1218 4057	1218 4032
D2, platen split 11" x 3¾"	Series P600; die cast case and base	1020 3180	1020 4105	1020 4139
	Series P5000, P9000; plastic case, plastic base	1020 3180	1218 4057	1218 4032

Carriage

PART NUMBERS (Plate I-69) – Continued – Page 5

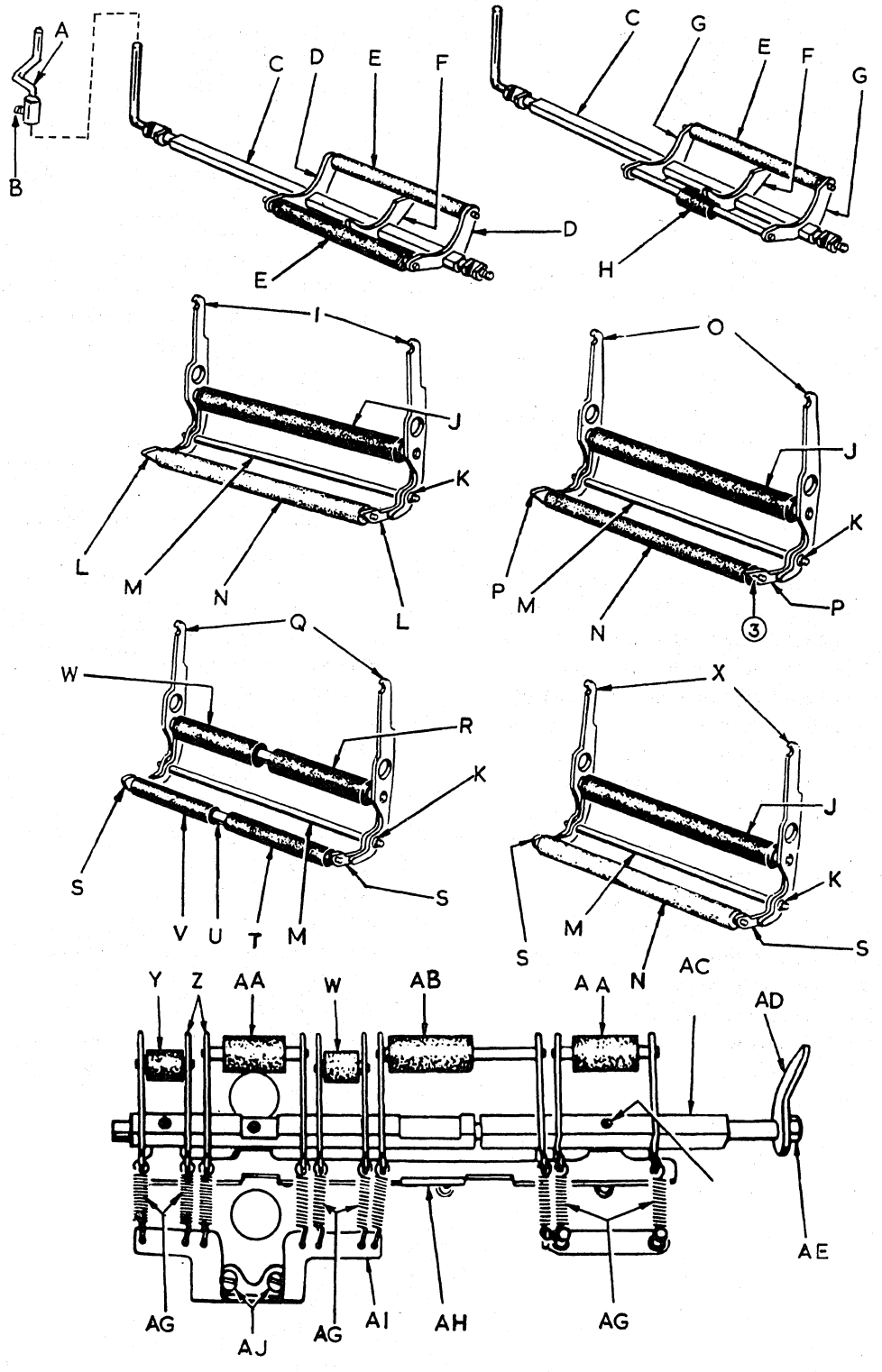
CARRIAGE 15" – Continued				
Carriage Code	Machine Styles	Platen Assembly	Right Hand Side Frame	Left Hand Side Frame
D2, platen split 7½" x 7½"	Series P600; die cast case and base	1020 3172	1020 4105	1020 4139
	Series P5000, P9000; plastic case, plastic base	1020 3172	1218 4057	1218 4032

CARRIAGE 20"				
Carriage Code	Machine Styles	Platen Assembly	Right Hand Side Frame	Left Hand Side Frame
C2, regular platen	Series P600; die cast case and base	1216 0156	1020 4147	1020 4162
	Series P9000; plastic case, plastic base	1216 0156	1218 4016	1218 3992
C2, platen split 16" x 3¾"	Series P600; die cast case and base	1216 0511	1020 4147	1020 4162
	Series P9000; plastic case, plastic base	1216 0511	1218 4016	1218 3992
C2, platen split 9.9" x 9.9"	Series P600; die cast case and base	1216 0651	1020 4147	1020 4162
	Series P9000; plastic base, plastic case	1216 0651	1218 4016	1218 3992

Carriage

PRESSURE ROLL CHART FOR 37/8", 6", 7½", 12¼" CARRIAGES

(Plate I-70)



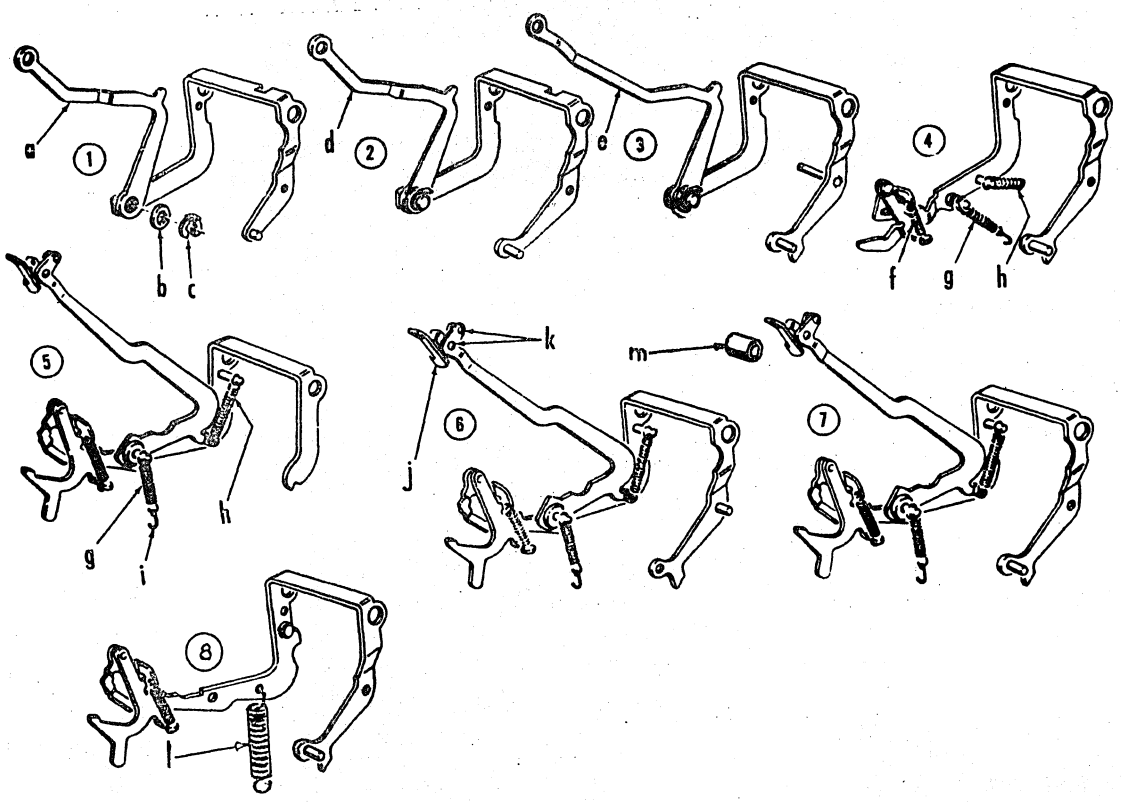
Carriage

PART NUMBERS (Plate I-70)

✓A	---- ----	extension lever for shaft C, used on Series P3200, P3400, P3600, P7400, P7600 machines, plastic case and plastic base, when the rear case section is fitted with a plastic, hinged, rewind and carriage cover
	1218 3901	for 10 col. styling, extends to left, approx. 5/8"
	1224 5031	for 13 col. styling, extends to left, approx. 1 1/8"
	1219 1177	for 13 col. styling, extends to left, approx. 2", part pivots on shaft C
✓B	---- ----	screw for A
	1010 5203	for fixed lever A, when C is dimpled for set screw
	1017 2369	for pivoted lever A, when C is grooved for screw, use 1017 4803 spacer
✓C	---- ----	pressure roll release shaft for 37/8" carriages
	1012 3289	part shown, does not require extension lever A
	1012 3297	for illustration, see ref. J, Plate I-4, used with lever ref. C, Plate I-4; does not require extension lever A
	1218 3976	trimmed for extension lever A, and dimpled to receive set screw 1010 5203 ref. B
	1853 0279	trimmed and grooved for pivotal extension lever, see ref. A; for screw and spacer see ref. B
D	**1012 4428**	pressure roll hanger
E	**1012 3321**	pressure roll
F	**1012 5540**	shaft support
G	**1012 4436**	pressure roll hanger
H	**1012 3339**	pressure roll
I	**1012 3545**	complete assembled pressure roll hanger
J	**1013 3593**	pressure roll, rear
K	**1010 0170**	wire retainer
L	**1012 5904**	pressure roll hanger
M	**1012 3537**	shaft
N	**1013 3569**	pressure roll, front
O	**1012 3552**	complete assembled pressure roll hanger
P	**1012 5920**	pressure roll hanger
Q	**1012 3578**	complete assembled pressure roll hanger
R	**1013 3601**	pressure roll, rear, for operating with W across split
S	**1012 5938**	pressure roll bearing arm
T	**1013 3577**	pressure roll, front, for operating with V across split
U	**1013 1498**	shaft
V	**1013 3585**	pressure roll, front, for operating with T across split
W	**1013 3619**	pressure roll, rear, for operating with R across split
X	**1012 3560**	complete assembled pressure roll hanger
Y	---- ----	no longer available
Z	---- ----	bearing arm
	1012 4410	part shown
	1012 4451	for NB roll
	1012 4444	for food control machine
AA	---- ----	pressure roll
	1012 3388	length of roll 41/64"
	1012 3347	for food control machine
AB	---- ----	pressure roll
	1012 3354	length of roll 1"
	1039 3197	for BB roll
AC	**1012 3305**	shaft
AD	**1012 5862**	arm
AE	**1010 0360**	nut, use 1010 4552 washer
AF	**1010 5708**	screw
AG	**1027 6798**	spring
AH	**1012 9385**	anchor plate for AC
AI	**1012 7421**	spring anchor plate
AJ	**1017 2013**	screw

Carriage

SPACING CONTROL BAILS – 3 7/8" AND 6" CARRIAGES (Plate I-71)



PART NUMBERS (Plate I-71)

Ref.	Part Number	Description
1	1012 6134	Class 10 with 6" FF cge. to non-space from OCK 6-0 in combination with carriage opening controls
2	1039 7784	Class 10 with 6" FF cge. to disable form space from OCK 6-0
3	1012 6068	Class 10 with 3 7/8" cge. 5/6" form space disabled from OCK 6-0
4 and 5	No Longer Available	
6	1039 7768	Class 8,10 Series P3000, form space 5/6" from each machine operation
7	1012 6118	Class 8,10 Series P3000, with 5/6" spacing from OCK's
8	1012 6126	Series P100,P300,P2100,P2300,P2400 with 5/6" form space from OCK 6-0
a	1012 6043	link, used with bail ref. 1
b	1010 4289	washer
c	1010 0220	clip
d	1039 7685	link, used with bail, ref. 2
e	1012 6035	link, used with bail, ref. 3
f	1026 9728	spring
g	1027 7408	spring
h	1014 7619	spring
i	1026 6252	clip
j	1012 6027	finger
k	1025 7400	rivets for finger j
l	1027 3050	spring
m	1013 0375	limit roller for feed arm, refs. 6 and 7, also serves as spacer on platen shaft

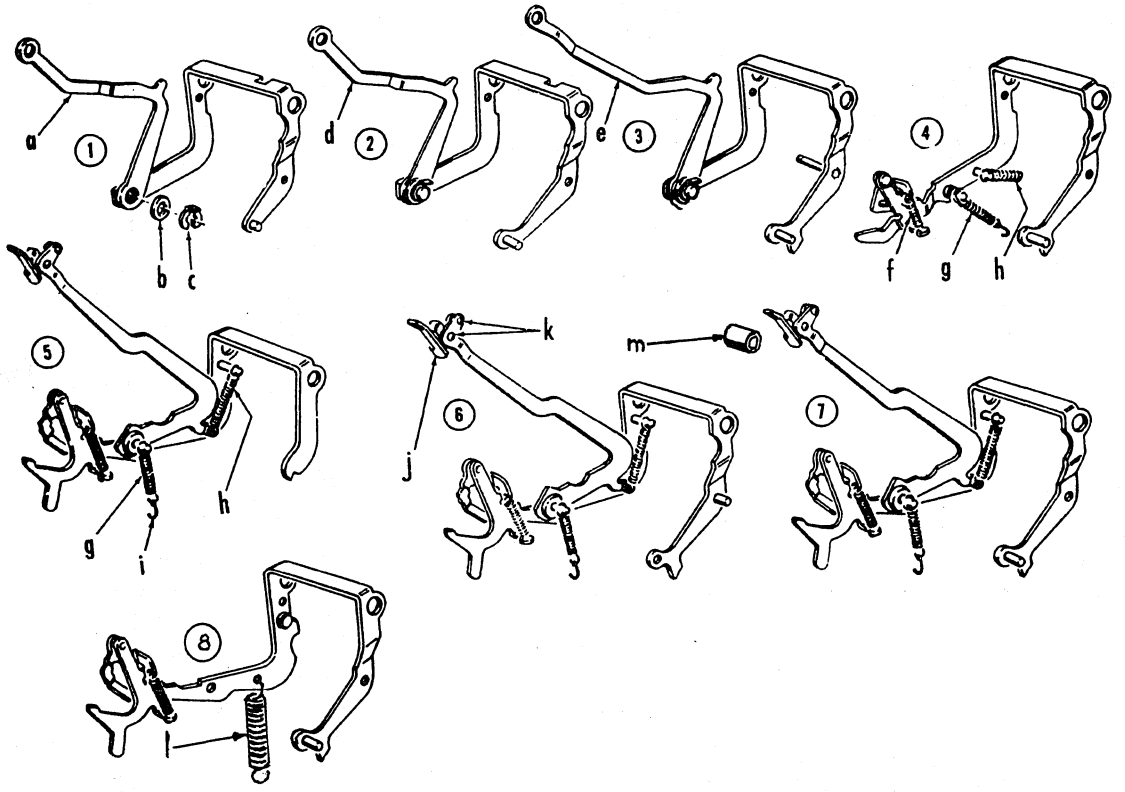
Carriage

PART NUMBERS (Plate I-70)

A	---- ----	extension lever for pressure roll release shaft
		Note : These parts required for carriages fitted to Series P2300, P2400,P3200,P3400,P3600,P7400, P7600, plastic case and plastic base machines
	1218 3901	for 10 column styling, extends to left approx. 5/8"
	1224 5031	for 13 column styling, extends to left approx. 1 1/8"
	1219 1177	for 13 column styling, pivotal part, extends to left approx. 2"
B	---- ----	set screw for A
	1010 5203	for fixed arms, where C is dimpled to receive screw
	1017 2369	used with spacer 1017 4803, for pivoted extension lever
C	---- ----	pressure roll release shaft
	1012 3289	for 3 7/8" carriages, Class 8-9-10 machines, steel case and steel base. Also for Series P1000,P3000 machines, plastic case, steel base
	1218 3976	for 3 7/8" carriages, Series P3200, P3400,P3600,P7400,P7600 machines, plastic case, and plastic base. Part dimpled for set screw
	1853 0279	for 3 7/8" carriages, Series P3200, P3400,P3600,P7400,P7600 machines, plastic case and plastic base. Part slotted for pivotal part A
D	**1012 4428**	pressure roll hanger
E	**1012 3321**	pressure roll
F	**1012 5540**	shaft support
G	**1012 4436**	pressure roll hanger
H	**1012 3339**	pressure roll
I	**1012 3545**	complete assembled pressure roll hanger
J	**1013 3593**	pressure roll, rear
K	**1010 0170**	wire retainer
L	**1012 5904**	pressure roll hanger
M	**1012 3537**	shaft
N	**1013 3569**	pressure roll, front
O	**1012 3552**	complete assembled pressure roll hanger
P	**1012 5920**	pressure roll hanger
Q	**1012 3578**	complete assembled pressure roll hanger
R	**1013 3601**	pressure roll, rear, for operating with W across split
S	**1012 5938**	pressure roll bearing arm
T	**1013 3577**	pressure roll, front, for operating with V across split
U	**1013 1498**	shaft
V	**1013 3585**	pressure roll, front, for operating with T across split
W	**1013 3619**	pressure roll, rear, for operating with R across split
X	**1012 3560**	complete assembled pressure roll hanger
Y	---- ----	no longer available
Z	---- ----	bearing arm
	1012 4410	part shown
	1012 4451	for NB roll
	1012 4444	for food control machine
AA	---- ----	pressure roll
	1012 3388	length of roll 41/64"
	1012 3347	for food control machine
AB	---- ----	pressure roll
	1012 3354	length of roll 1"
	1039 3197	for BB roll
AC	**1012 3305**	shaft
AD	**1012 5862**	arm
AE	**1010 0360**	nut, use 1010 4552 washer
AF	**1010 5708**	screw
AG	**1027 6798**	springs
AH	**1012 9385**	anchor plate for AC
AI	**1012 7421**	spring anchor plate
AJ	**1017 2013**	screw

Carriage

SPACING CONTROL BAILS – 3 7/8" AND 6" CARRIAGES (Plate I-71)

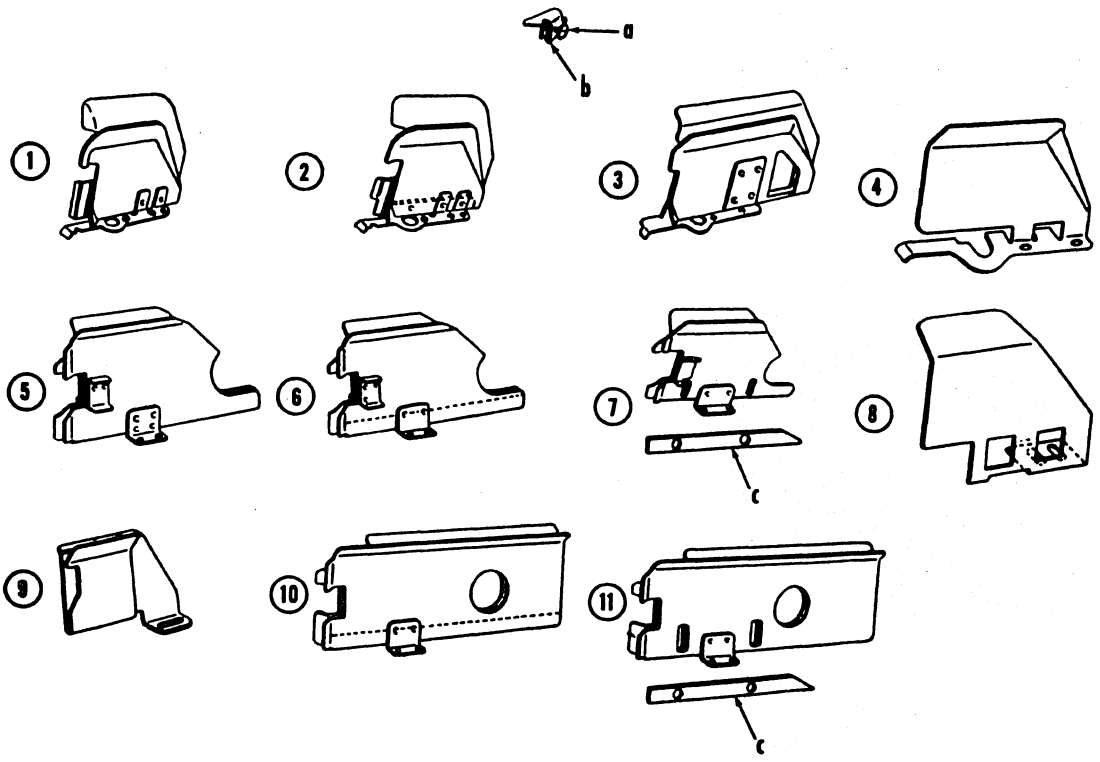


PART NUMBERS (Plate I-71)

Ref.	Part Number	Description
1	1012 6134	Class 10 with 6" FF cge. to non-space from OCK 6-0 in combination with carriage opening controls
2	1039 7784	Class 10 with 6" FF cge. to disable form space from OCK 6-0
3	1012 6068	Class 10 with 3 7/8" cge. 5/6" form space disabled from OCK 6-0
4 and 5	No Longer Available	
6	1039 7768	Class 8,10 Series P3000, form space 5/6" from each machine operation
7	1012 6118	Class 8,10 Series P3000, with 5/6" spacing from OCK's
8	1012 6126	Series P100,P300,P2100,P2300,P2400 with 5/6" form space from OCK 6-0
a	1012 6043	link, used with bail ref. 1
b	1010 4289	washer
c	1010 0220	clip
d	1039 7685	link, used with bail, ref. 2
e	1012 6035	link, used with bail, ref. 3
f	1026 9728	spring
g	1027 7408	spring
h	1014 7619	spring
i	1026 6252	clip
j	1012 6027	finger
k	1025 7400	rivets for finger j
l	1027 3050	spring
m	1013 0375	limit roller for feed arm, refs. 6 and 7, also serves as spacer on platen shaft

Carriage

FORM CHUTES, RIGHT INSERTION (Plate I-72)



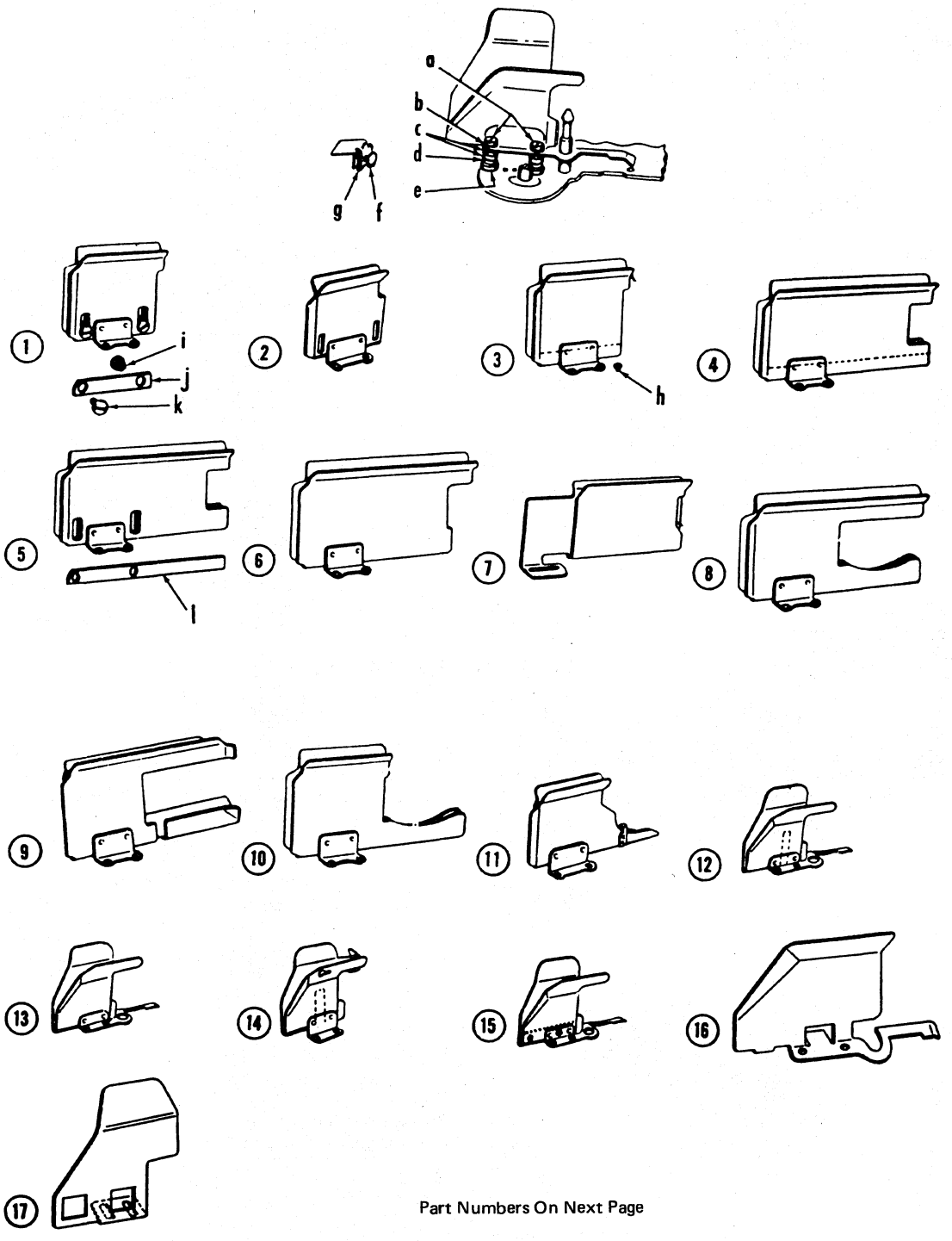
PART NUMBERS (Plate I-72)

Note : The printing line is measured from the bottom of the form to the bottom of the print.

Ref.	Part Number	Colour	Description
1	1012 6449	Grey 203	For 3 7/8" carriage, with single ribbon and rewind device, RC carriage
	1215 0637	Tan 140	
	1216 6823	Grey 222	
2	No Longer Available		
3	1012 6464	Grey 203	For 3 7/8" carriage, double ribbon with or without rewind device, R and RD carriage
	1215 0645	Tan 140	
	1216 6559	Grey 222	
4	1012 6514	Grey 203	For 7 1/2" RG carriage, rear part of chute
	1215 0694	Tan 140	
5 and 6	No Longer Available		
7	1012 6480	Grey	For 6" carriage
8	1012 6506	Grey 203	For 7 1/2" RG carriage, front part of chute
9, 10 and 11	No Longer Available		
a	1047 2769		screw
b	1012 6696	Nickel plated	Form limit on right form chute
c	1012 6589		Printing line strip

Carriage

FORM CHUTES, LEFT INSERTION (Plate I-73)



Part Numbers On Next Page

Carriage

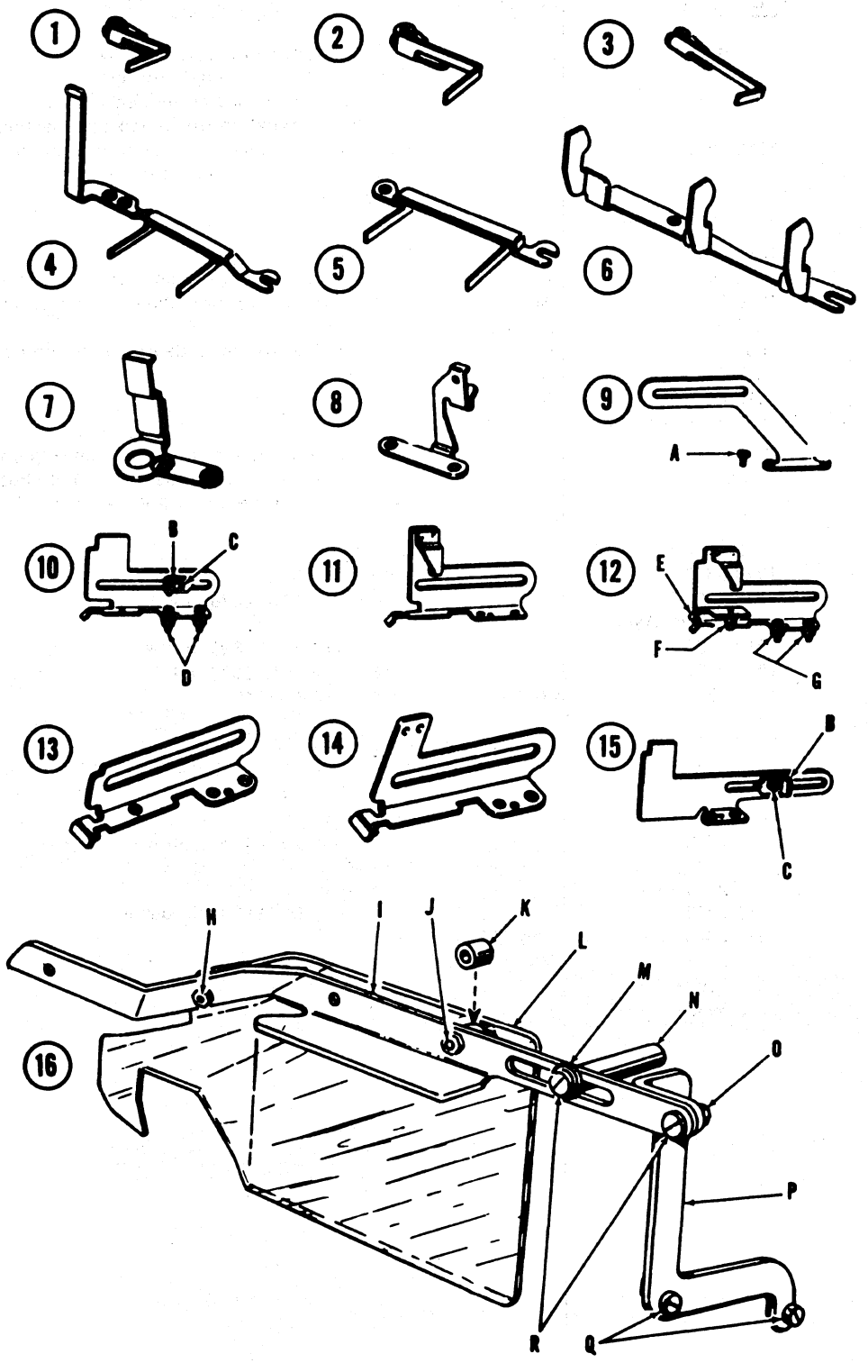
PART NUMBERS (Plate I-73)

Note : The printing line is measured from the bottom of the form to the bottom of the print.

Ref.	Part Number	Colour	Description
1	No Longer Available		
2	1012 6399	Grey 203	For 6" front feed carriage
3 through 11	No Longer Available		
12	1012 6381	Grey 203	For 3 7/8" carriage, with double ribbon, with
	1215 0652	Tan 140	or without rewind device, R, RA and RD carriages
	1216 6575	Grey 222	
13	1012 6373	Grey 203	For 3 7/8" carriage, with single ribbon, and
	1215 0629	Tan 140	rewind device, RC carriage
	1216 6807	Grey 222	
14	1012 6415	Grey 203	For utility V and R machines
	1219 4114	Grey 222	
	1215 0686	Tan 140	
15	No Longer Available		
16	1012 6423	Grey 203	For 7 1/2" RG carriage, front part of chute
	1215 0728	Tan 140	
17	1020 4048	Grey 203	For 7 1/2" RG carriage, front part of chute
	1215 0702	Tan 140	
a	1035 1963		Screw for 1/2" printing line
	1010 3380		Screw for 13/16" printing line
b	1256 7442		Lockwasher
c	1010 9734		Collar
d	1013 1514		Collar
e	1010 9148		Collar
f	1047 2769		Screw
g	1012 6704	Nickel plated	Form limit on left form chute
h	1010 5195		Screw
i	1013 1464		Shoulder nut
j	1012 6571		printing line strip
k	1010 6821		screw
l	1034 9900		printing line strip

Carriage

FORM SUPPORTS, FORM GUIDES AND RIBBON GUIDES (Plate I-74)



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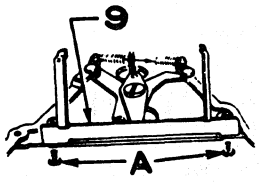
Carriage

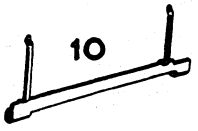
PART NUMBERS (Plate I-74)

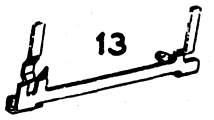
Ref.	Part Number	Colour	Description
1	1012 6621		Form support, short projection for supporting short forms, for 3 7/8" rewind carriages (8 col. machines)
2	1012 6639		Form support, formed projection for supporting forms for 3 7/8" rewind carriages (10 col. machines)
3	1012 6647		Form support, formed projection has shortened end to clear 3 char. type bar, for 3 7/8" rewind carriages (8 col. machines)
4 and 5	No Longer Available		
6	1012 6365		Form support
7	1012 6654	Grey 203	Ribbon guide, for right side of 3 7/8" carriage with double ribbon, with or without rewind device
	1215 0751	Tan 140	
	1216 6633	Grey 222	
8	1039 8188	Grey 203	Ribbon guide, for left side of 3 7/8" carriage with double ribbon
	1215 0769	Tan 140	
	1216 6617	Grey 222	
9 through 15	No Longer Available		
16	Use parts 'H' through R		Form guard and guide, for 3 7/8" carriage, with rewind device and left insertion ticket chute, utility V and R machines (F.E. carriage)
a	1010 4214		screw
b	1040 3616		side limit stop
c	1010 4214		screw, use 1010 0378 nut
e	No Longer Available		
g	1010 4586		collar, use 1017 2880 screw
h	1013 9087		screw, use 1010 0378 nut
i	1012 6357	Grey 203	form guard support
	1215 0611	tan 140	
	1219 4122	Grey 222	
j	1303 1760		screw, use 1010 5575 washer, 1017 4738 spacer and 1010 0378 nut
k	1017 4738		spacer
l	1012 6332		plastic form guard and guide
m	1010 5575		washer
n	1013 2249		stop stud
o	1010 0378		nut, use 1256 7442 lockwasher
p	1012 6340	Grey 203	brace
	1215 0603	Tan 140	
q	1010 9197		screw
r	1010 8983		screw

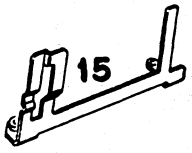
Carriage

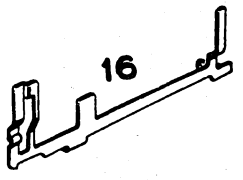
FORM FINGERS (Plate I-75)









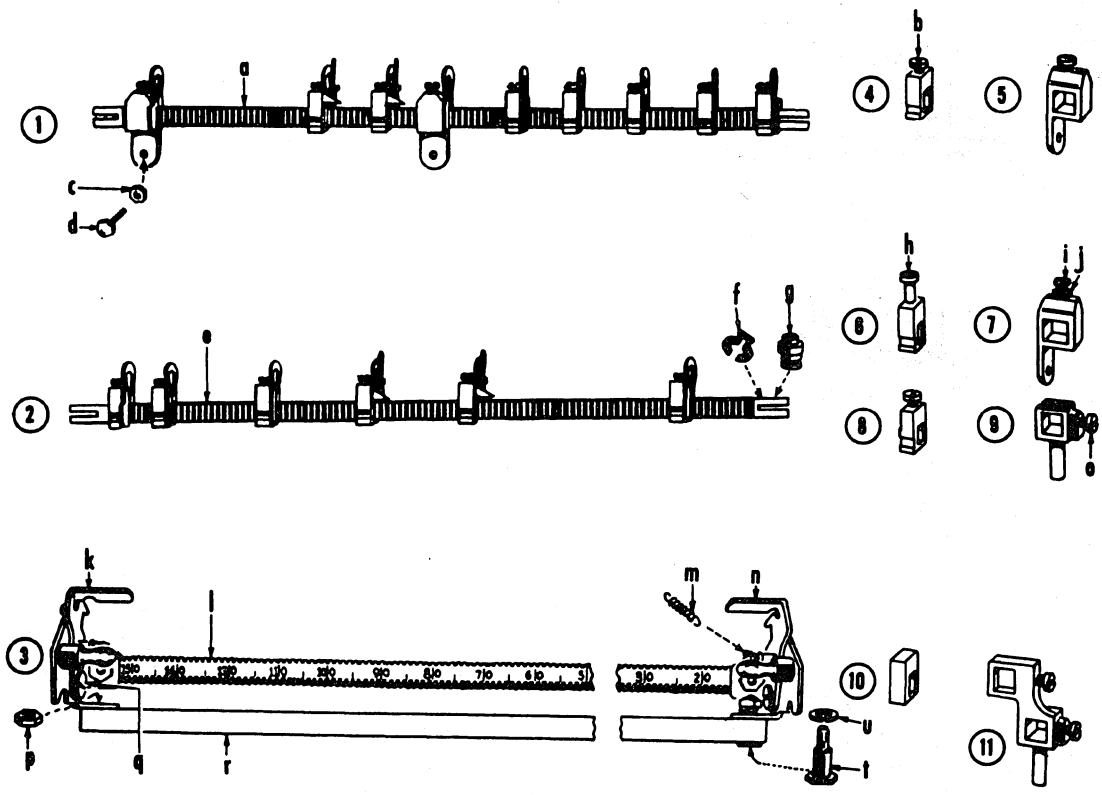


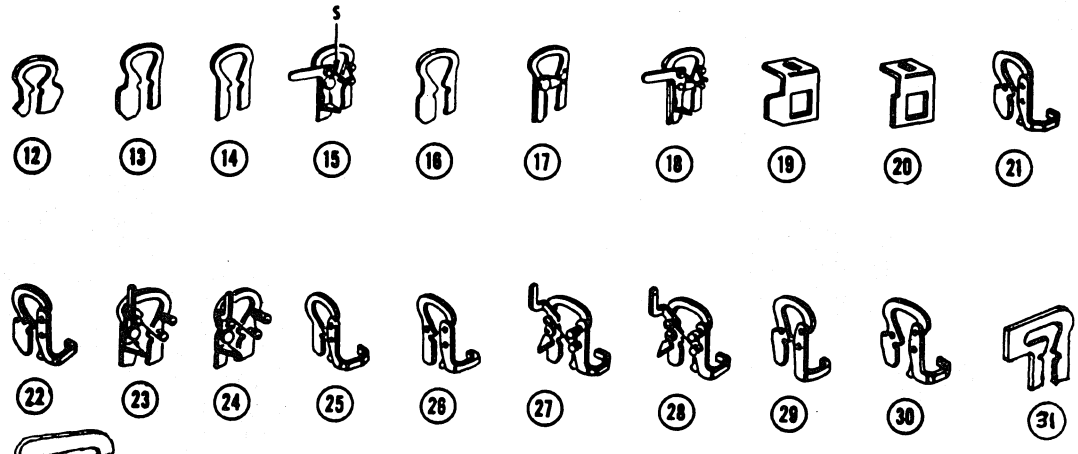
PART NUMBERS (Plate I-75)

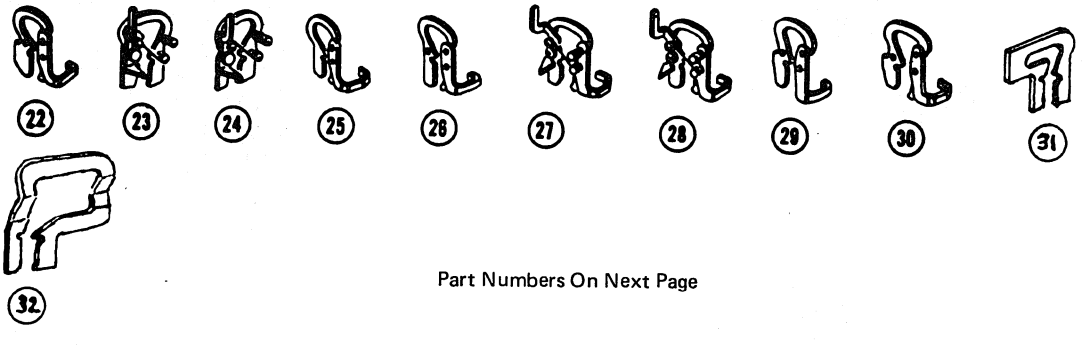
Ref.	Part Number	Colour	Description
9	1039 9012	nickel plate	For N carriage
10	1012 6837	nickel plate	For NA, NA-2 or N carriage
13	1012 6795	nickel plate	For rewind carriages, with NB roll; machines without RCND or RCF
15	1012 6787	nickel plate	For rewind carriages, with NB roll and without ticket chute; machines without RCND
16	1012 6811	nickel plate	For rewind carriages, with BB roll and without ticket chute
(A)	1010 5294		Screw for form fingers

Carriage

STO P BAR AND CARRIAGE STOP CHART (Plate I-76)







Part Numbers On Next Page

Carriage

PART NUMBERS (Plate I-76)

Ref.	Part Number	Description
1	1039 3304	Assembled stop bar (shown), for 12 1/4" (Y or YA) tab. carriage, with platen split 6 1/8" x 6 1/8", variable form spacer R. and L; carriage controlled form spacing on right side only.
	1012 3453	Assembled stop bar, for 12 1/4" (W) tab. carriage, with variable form spacer
	1039 3288	Assembled stop bar, for 12 1/4" (T or TA) tabulating carriage, with variable form spacer
	1039 3296	Assembled stop bar, for 12 1/4" (S or SA) tabulating carriage; platen split 9 7/8" x 2 3/8"; variable form spacer on left
2		Assembled stop bar for 12 1/4" (B or B(S)) carriages not available - order parts as required
3	1045 8537	Stop and control bar assembly (blank, as shown) for 15" C2 and D2 carriages
	1216 0206	Stop and control bar assembly (blank, as shown) for 20" C2 carriage
	1045 8545	Stop and control bar consistency (includes sufficient of all components to enable build up of stop and control bar to Form Layout requirements) for 15" C2 and D2 carriages
	1216 3838	Stop and control bar consistency, for 20" C2 carriage
4	1013 3023	Stop brace for 12 1/4", 15" and 20" carriages
5	1013 3007	Stop brace for 12 1/4" tabulating carriages
6	1013 3031	Stop brace for 12 1/4" passbook and X carriages
7	No Longer Available, use Ref. 5	
8	1040 6643	Stop brace for 12 1/4" tab. carriages with .400" tab. (selective debit and credit stop)
9	1020 6951	Control roll hanger for C2 and D2 carriages (for seven lanes of control but may be used for early machines with five lanes of control by use of suitable lane spacers)
10	1040 6650	Stop brace, 12 1/4" tab. carriages
11	No Longer Available, use Ref. 31 brace and Ref. 9 control hanger	
12	1012 8312	Carriage stop, for W carriage
13	1012 8320	Carriage stop, non-tabulating used in the last position only (since it is not possible to tabulate from this stop, not even by use of manual tab. mechanism)
14	1012 8346	Carriage stop, tabulating
15	1012 8361	Carriage stop, selective (stops carriage or skips through position)
16	1012 8395	Carriage stop, tabulates manually only, not via machine operation
17	1012 8387	Carriage half stop, tabulating
18	1012 8379	Carriage half stop, selective
19	1012 8403	Carriage stop, non-tabulating, 7 1/2 RG carriage
20	1012 8411	Carriage stop, tabulating, 7 1/2" RG carriage
21	1016 5538	Carriage stop, double space, non-tabulating C2 and D2 carriages
22	1016 5520	Carriage stop, single space, non-tabulating C2 and D2 carriages
23	1016 5553	Carriage stop selective (stops carriage or skips through position) 12 1/4" B carriage

Part Numbers Continued On Next Page

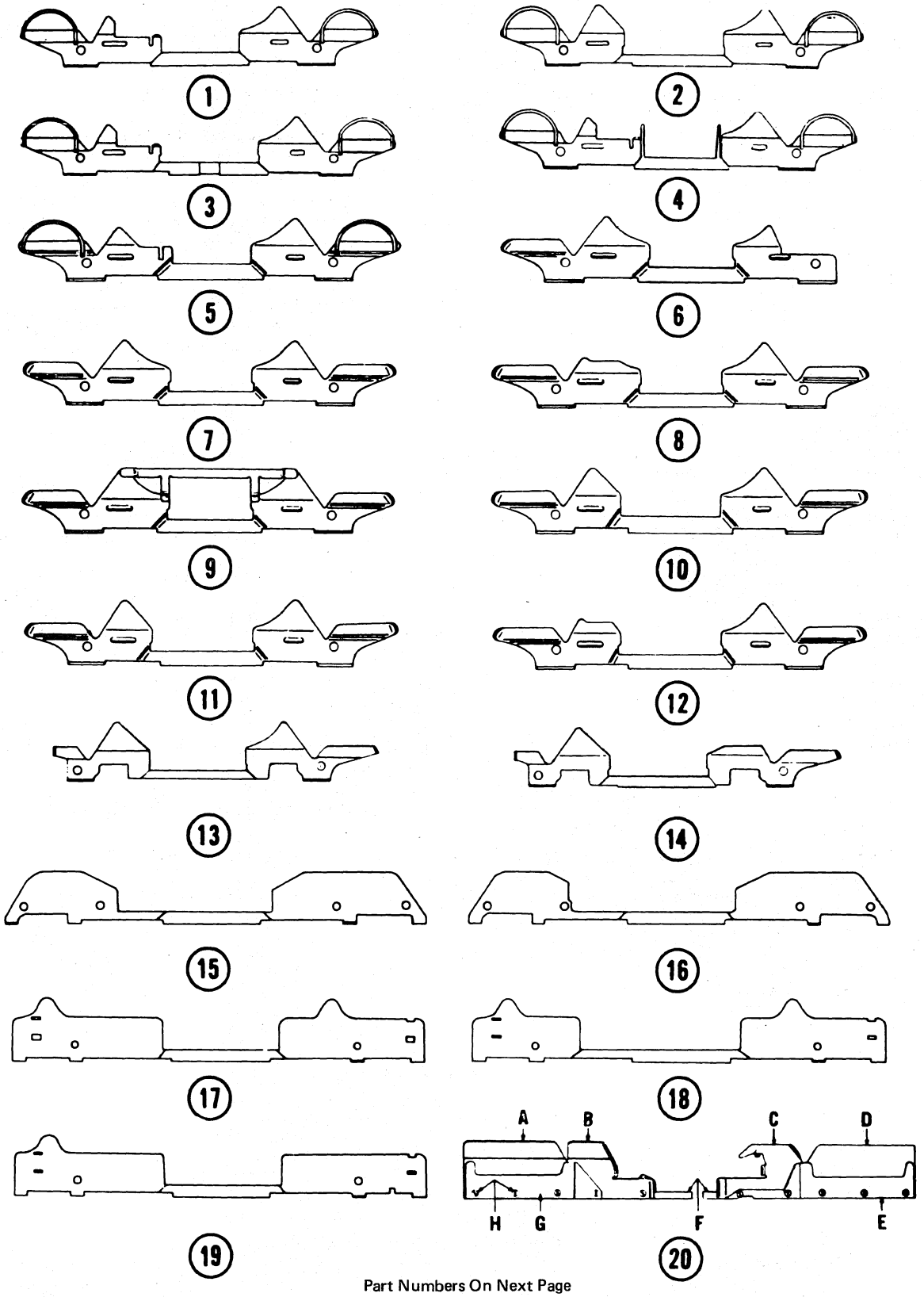
Carriage

PART NUMBERS (Plate I-76) - Continued

Ref.	Part Number	Description
24	1016 5561	Carriage stop, selective (stops carriage or skips through position), C2 and D2 carriages
25	1016 5579	Carriage stop, double space, tabulating, C2 and D2 carriages
26	1016 5587	Carriage stop, single space, tabulating, C2 and D2 carriages
27	1016 5595	Carriage stop, selective (stops carriage or skips through position), double space, C2 and D2 carriages
28	1016 5603	Carriage stop, selective (stops carriage or skips through position), single space, C2 and D2 carriages
29	1016 5629	Carriage stop, single space and hand tabulating, C2 and D2 carriages
30	1016 5637	Carriage stop, double space and hand tabulating, C2 and D2 carriages
31	1020 6969	Stop bar brace, C2 and D2 carriages
32	1020 4501	Carriage opening key, C2 carriage
a	1027 2771	Stop bar only, for 12 1/4" carriages except W2 and B
b	1023 7972	Screw for Refs. 4, 5 and 8
c	1010 0378	Nut
d	1013 2454	Screw
e	1016 3988	Stop bar only, for B and W2 carriages
f	1010 0089	Clip
g	1016 6544	Bushing
h	1010 3398	Screw
i	1304 2056	Screw
j	1010 0436	Nut
k	1020 5375	Bracket, includes latch
l	1020 5045	Stop bar 15"
	1216 0214	Stop bar 20"
m	1027 5840	Spring
n	1020 5383	Bracket, includes latch
o	1017 1726	Screw for Refs. 9 and 11
p	1016 6130	Nut
q	1030 4665	Screw, only required when latch is not part of bracket
r	Use ref. l	
s	1013 3296	Torsion spring, for selective tops
t	1018 0396	Screw
u	1256 7459	Lockwasher

Carriage

LINE FINDER CHART (Plate I-77)



Part Numbers On Next Page

Carriage

PART NUMBERS (Plate I-77)

Ref.	Part Number	Colour	Description
1	1012 3834	Nickel plated	For 12 1/4" carriages S, SA, T, TA, W, Y and YA with rotary calendar feature
2	1012 3826	Nickel plated	For 12 1/4" carriages S, SA, T, TA, W, Y and YA without rotary calendar feature
3	1215 3441	Nickel plated	For 12 1/4" carriages SA, TA, used on Style 910108 machines
4	1215 1684	Nickel plated	For 12 1/4" carriage SA, TA, use on Style 910108 machines for Brazil
5, 6 and 7	No Longer Available		
8	1026 8555	Nickel plated	For 12 1/4" carriages, 10 col. construction with variable and without RCF or RCND
9	1039 4138	Nickel plated	For 12 1/4" carriages, 10 col. construction, specify for tag. board form
10	No Longer Available		
11	See Refs. 17 or 18		
12	No Longer Available		
13	1012 3859	Nickel plated	For 12 1/4" W2 carriage
14	1220 4871	Grey 203	For 12 1/4" W2(S) carriage
	1220 4863	Grey 222	
15	1016 4150	Grey 205	For 15" D2 carriage
	1218 6086	Grey 227	
16	1216 1980	Grey 203	For 15" D2 carriage, with rotary printing device
	1219 1066	Grey 227	
17	1020 8189	Nickel plated	For 12 1/4" B carriage without rotary printing device
18	1020 8213	Nickel plated	For 12 1/4" B carriage with rotary printing device
19	1215 5438	Nickel plated	For 12 1/4" B(S) shuttle carriage
20	1020 4923		For 12 1/4" X, XA and XC carriages
	1216 7813		For 12 1/4" X carriage for Style 913108 machine
A	1013 3411		Transparent plastic line finder
B	1020 3404	Nickel plated	Form guide
C	1020 3396	Nickel plated	Form guide
D	1013 3429		Transparent plastic line finder
E	1020 3446	Nickel plated	Support
F	1013 3445	Nickel plated	Support for line finder assembly, X, XA and XC carriage
	1216 7813	Nickel plated	Support for X carriage, Style 913108 machine
G	1020 3453	Nickel plated	Support
H	1010 9072		Screws

SERIES P
ADDING, BOOKEEPING, TELLERS, VALIDATING & RECEIPTING MACHINES

SECTION
11

KEYBOARD

Burroughs

FIELD ENGINEERING

PARTS CATALOG

Printed in U.S. America Sept. 1969

For Form 1037629

Keyboard

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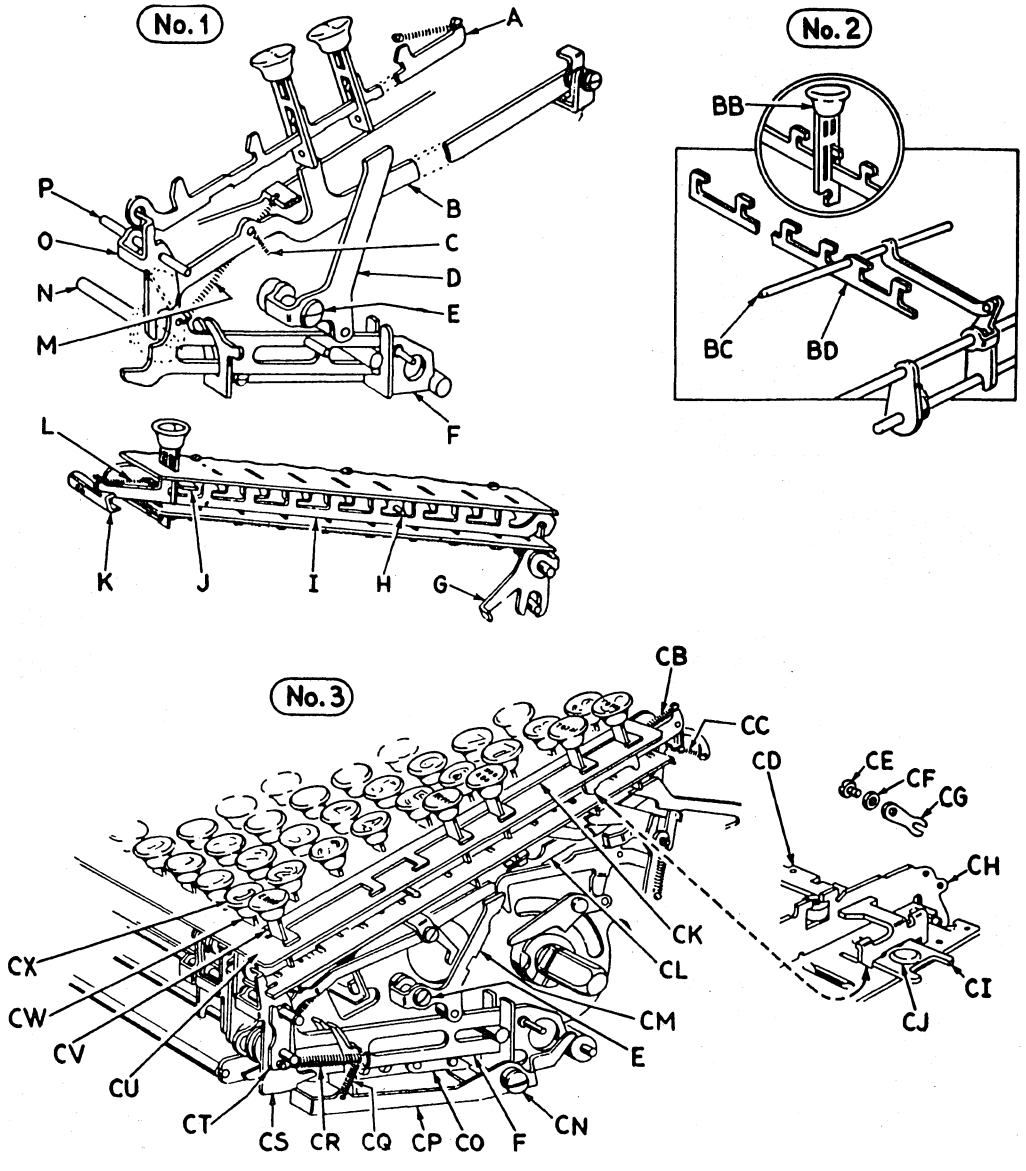
OCK 5-0 to Repeat Items, Non-Print, Non-Space and Restore	35
Permanent Repeat of Characters, Column 1	37
Rocker Arm Chart	18
Touch Bar Chart	8
"T" Strip Chart	14
Void Key Mechanism	36

KEYBOARD ASSEMBLIES NOS. 1-2-3 (Plate II-1)



PART NUMBERS (Plate II-1)

A **1035 3381** keyboard strip column 0
See Plate II-10 for other styles

B **1035 6244** error arm, Key in position 4-0
1640 1606 error arm, Key in position 1-0

C **1021 0335** spring

D **1019 5790** repeat arm
See Side Frames **Section for other styles**

E **1013 8170** short shoulder screw, use 1013 7552 washer, 1010 0311 nut
1013 8188 long shoulder screw

F **1019 5899** key release slide
See Side Frame **Section for other styles**

G See Plate II-17, for cipher stop detail

H **1011 3462** shaft
See Plate II-23 for other styles

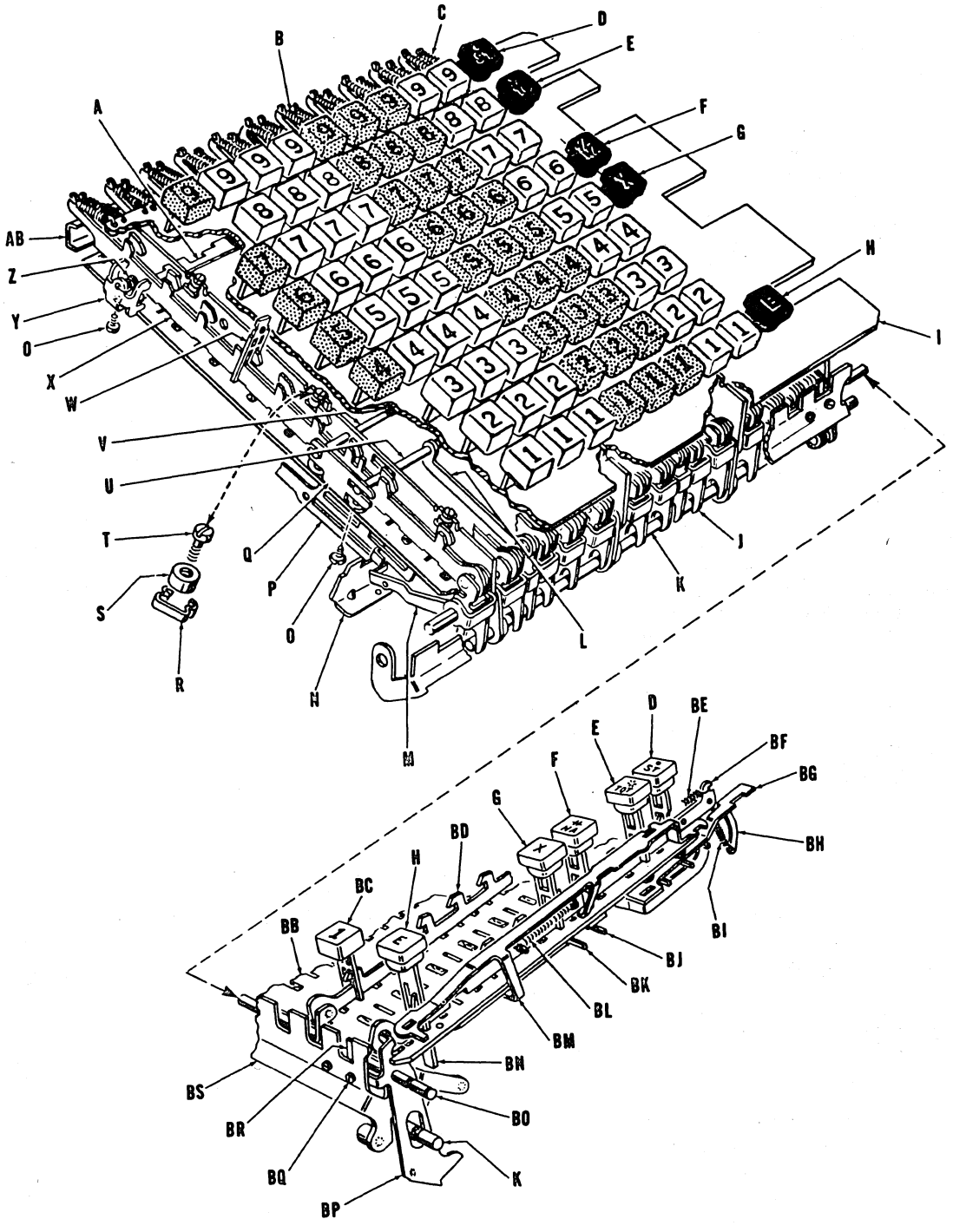
Part Numbers Continued On Next Page

PART NUMBERS (Plate II-1) - Continued

I **1011 4007** locking strip
See Plate II-12 for other styles
J **1035 5949** "T" strip
See Plate II-14 for other styles
K **1011 4809** channel bail
See Plate II-15 for other styles
L **1027 2045** spring
M **1013 9376** spring
N **1022 8625** bail, 10 col.
1011 3348 bail, 13 col.
O **1035 4488** rocker arm
See Plate II-18 for other styles
P **1011 3314** shaft, 10 col.
1011 3322 shaft, 13 col.
BB See Keytop Chart, Plate II-7
BC **1011 3462** shaft
See Plate II-23 for other styles
BD Not available
CB **1026 9868** spring
CC **1027 6848** spring
CD **1035 6103** "T" strip
See Plate II-14 for other styles
CE **1012 0212** screw
CF **1256 7699** lockwasher
CG **1011 3520** clip
CH Keyboard bottom plate, includes keyboard plate separating strips 1Z-82112, specify exact machine style and serial number
CI **1011 6168** bellcrank
CJ **1010 6227** rivet
CK **1220 8336** keystem guide
See Plate II-24 for other styles
CL **1011 5210** error arm
CN **1017 2781** screw (old construction)
1010 0147 clip (new construction)
CM See D
CO **1013 4641** guide
CP **1014 5677** for multiple cash drawer
1013 7321 Cl. 8-9 hand and Cl. 10 electric } interlock arm
1013 7339 for sterling machines
CQ **1014 7650** spring
CR **1026 9777** spring
CS **1011 4908** rocker arm
See Plate II-18 for other styles
CT **1015 2569** lock plate
CU See Keyboard Top Plate Replacement Chart, Plate II-41
CV **1012 0178** screw
CW **1011 6440** keystem (regular)
See Plate II-9 for other styles
CX See Keytop Chart, Plate II-7

Keyboard

KEYBOARD ASSEMBLY NO. 4 (Plate II-2)



Part Numbers On Next Page

Keyboard

PART NUMBERS (Plate II-2)

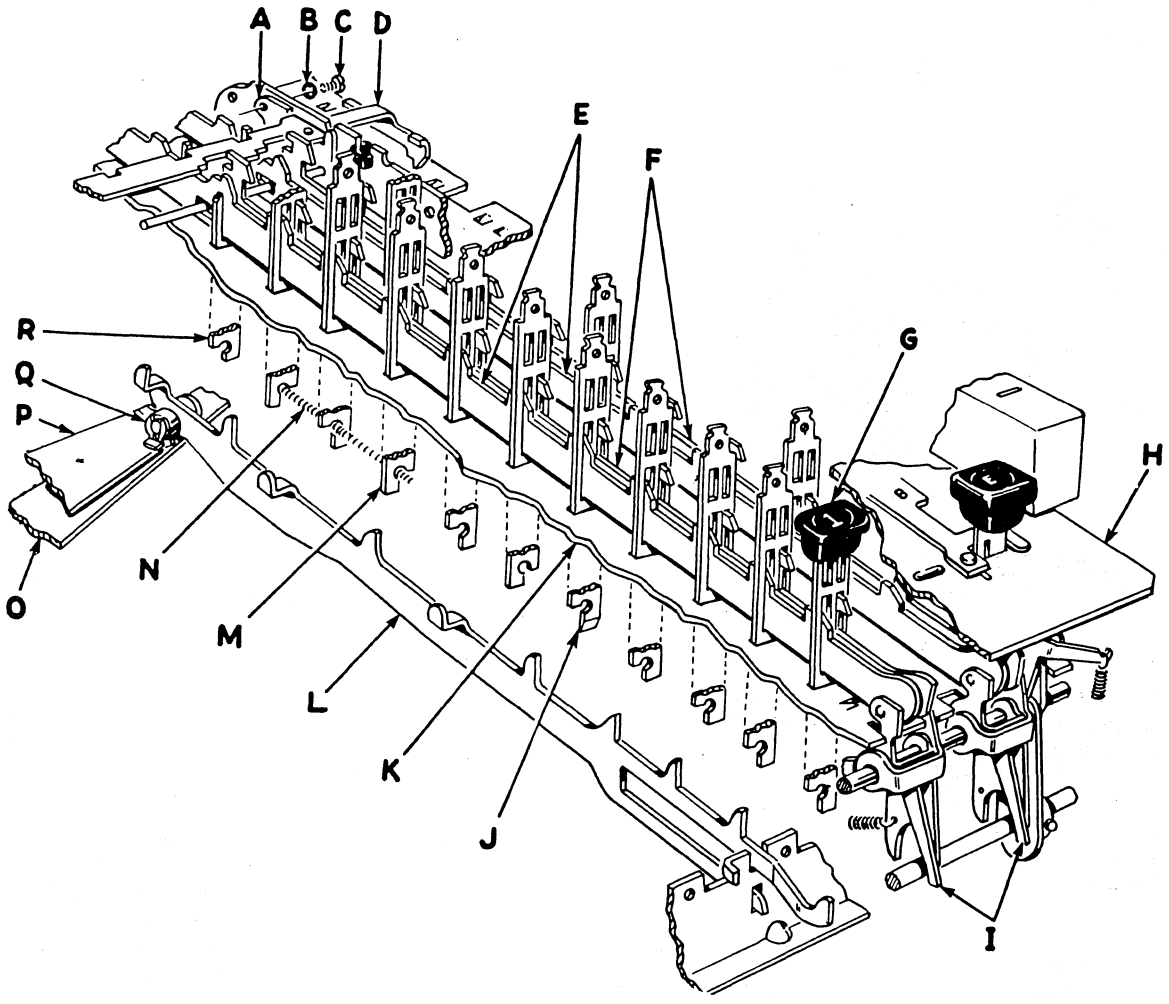
Note : For complete assembled keyboards, see Plate II-41

A **1035 6145** "T" strip
See Plate II-14 for other styles
B **1027 6848** spring
C **1027 6848** spring
D See Keytop Chart, Plate II-7
E See Keytop Chart, Plate II-7
F See Keytop Chart, Plate II-7
G See Keytop Chart, Plate II-7
H See Keytop Chart, Plate II-7
I See Keyboard Top Plate Replacement Chart, Plate II-41
J **1011 5038** rocker arm
See Plate II-18 for other styles
K **1022 8625** key restoring bail
L **1011 5137** rocker arm
M **1011 4940** cipher stop
See Plate II-17 for other styles
N **1013 4229** support guide
See Side Frames **Section for other styles**
O **1012 0210** screw
P **1013 9822** indexing strip
See Accumulating **Section for other styles**
Q **1011 6424** guide
R **1011 3538** retaining clip
S **1011 9824** locking nut
T **1012 0178** screw
U **1011 3421** shaft
V **1011 3462** shaft
W **1011 6440** keystem
See Plate II-9 for other styles
X **1011 4296** indexing strip
See Plate II-11 for other styles
Y **1011 6416** spring anchor
Z **1034 6922** spring
AB **1011 4809** channel bail
See Plate II-15 for other styles

BB Keyboard bottom plate, includes keyboard plate separating strips.1Z-82112, specify exact machine style and serial number
BC See Keytop Chart, Plate II-7
BD **1011 4122** locking strip
See Plate II-12 for other styles
BE **1026 9868** spring
BF **1011 4635** strip column "0"
See Plate II-10 for other styles
BG **1015 2619** slide
BH **1011 4700** O.C.K. interlock link
See Plate II-16 for other styles
BI **1027 6848** spring
BJ **1011 9600** keystem
See Plate II-9 for other styles
BK **1011 9659** keystem
See Plate II-9 for other styles
BL **1028 9460** spring
BM Use 1029 9022 timing slide, 1255 3111 clip, 1229 9030 arm, 1029 9048 bellcrank, 1027 2045 spring, 1044 1657 spacer, 1029 9089 shoulder screw, 1029 9071 arm, 1014 7650 spring before P453029D.
1029 9022 timing slide after P453028D
BN **1011 9717** keystem
See Plate II-9 for other styles
BO **1011 3314** shown, for 10 col. construction
1011 3322 for 13 col. construction
1011 2220 for series P400-600
} shaft
BP **1011 4908** rocker arm column "0"
See Plate II-18 for other styles
BQ **1023 8418** screw
BR **1023 0142** adjusting plate
BS **1022 9367** key release bail
See Plate II-19 for other styles

Keyboard

KEYBOARD ASSEMBLY NO. 4 STERLING (Plate II-3)



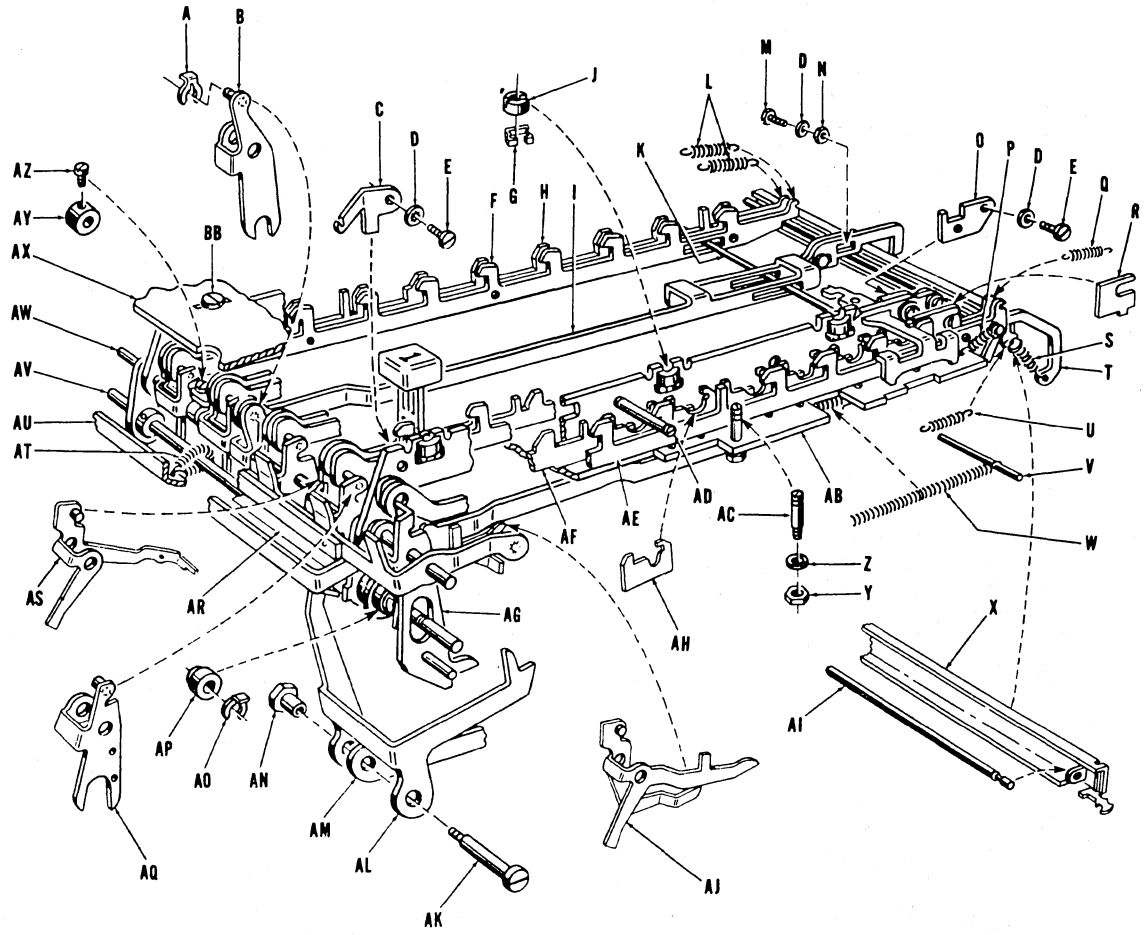
PART NUMBERS (Plate II-3)

Note : See Plate II-2 for parts not shown on this plate

A **1016 2410** guide, right side
1016 2402 guide, left side
B **1256 7699** lockwasher
C **1012 0210** screw
D **1016 2808** "T" strip
See Plate II-14 for other styles
E **1016 6118** indexing strip
See Plate II-11 for other styles
F **1016 2600** locking strip
See Plate II-12 for other styles
G See Keytop Chart, Plate II-7
H **1016 2501** for L.S.D. machines } Top Plate,
1016 2519 L.S.D. and F machines } Gray 201
See Plate II-41 for other styles and colours
I **1022 9094** cipher stop
See Plate II-17 for other styles
J **1016 3335** keystem
See Plate II-9 for other styles
K Keyboard lower plate, complete with separating strips
1062 0755 without cal.fte. } LSD machines
1226 6433 with cal.fte. }
1226 6425 without cal.fte. } LSD and F machines
1266 6441 with cal.fte. }
L **1015 5778** index bar
See Accumulation **Section for other styles**
M **1011 6440** keystem, see Plate II-9 for other styles
N **1012 0301** spring
O **1023 5364** adding sector, col. 1, 12 pitch
See Accumulation **Section for other styles**
P **1023 5372** adding sector, col. 2, 12 pitch
See Accumulation **Section for other styles**
Q **1010 0147** clip
R **1023 1090** keystem see Plate II-9 for other styles

Keyboard

KEYBOARD ASSEMBLY NO. 5 (Plate II-4)



PART NUMBERS (Plate II-4)

Note : See Plate II-41 for complete assembled keyboards

A **1010 0212** clip
B **1016 2790** rocker arm
See Plate II-18 for other styles
C **1016 2394** spring anchor
D **1256 7699** lockwasher
E **1012 0210** screw
F **1011 4122** locking strip
See Plate II-12 for other styles
G **1011 3538** retaining clip
H **1011 4296** indexing strip
See Plate II-11 for other styles
I **1016 2592** interlock slide
J **1011 9824** locking nut
K **1011 3389** 13 col. construction
1011 3439 10 col. construction
shaft
See Plate II-23 for other styles
L **1027 6848** spring
M **1301 9583** screw
N **1010 0485** nut
O **1016 2410** guide
P **1026 9868** spring
Q **1014 7650** spring
R **1011 5111** rear limit plate
See Plate II-13 for other styles
S **1012 0327** spring
T **1016 2725** interlock shown, before P415252S
1219 8180 interlock, after P415253S, notched for new style keystem O.C.K. 8-0
U **1026 9298** spring
V **1015 2304** shaft
W **1012 0301** spring
X Use 1022 9037 bail and 1019 5048 lever, before P362954D

Part Numbers Continued On Next Page

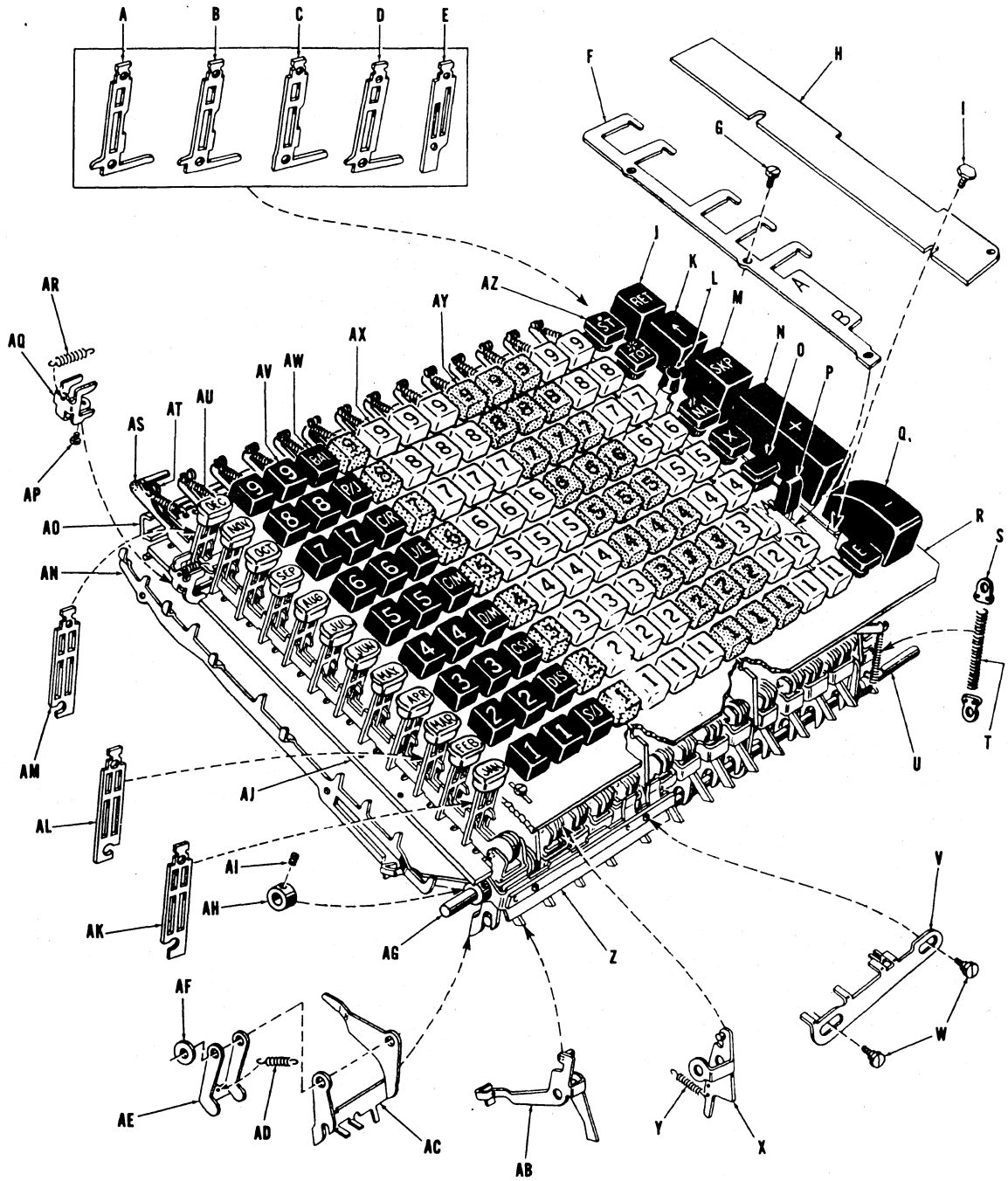
Keyboard

PART NUMBERS (Plate II-4) - Continued

	1022 9037	bail, after P362953D
Y	**1010 0469**	nut
Z	**1307 2251**	washer
AB		Lower keyboard plate, complete with separating strips
	1053 7181	regular, with cal. fte.
	1226 6433	L.S.D. with cal. fte.
	1226 6441	L.S.D. and F, with cal. fte.
	1052 8347	regular, without cal. fte.
AC	**1010 9288**	spring anchor screw
AD	**1027 6483**	screw stud
AE	**1016 2642**	keyboard strip, col. 0
		See Plate II-10 for other styles
AF	**1022 8849**	index strip col. 0
		See Plate II-10 for other styles
AG	**1016 2758**	rocker arm
		See Plate II-18 for other styles
AH	**1011 3983**	interlock
		See Plate II-13 for other styles
AI	**1011 3470**	channel bail shaft
AJ	**1016 2774**	cipher stop
		See Plate II-17 for other styles
AK	**1010 6516**	shoulder screw
AL	**1017 3874**	normalising bail
AM	**1017 3417**	bracket
AN	**1017 2500**	bushing
AO	**1010 0220**	clip
AP	**1022 9474**	roller
AQ	**1011 5038**	rocker arm
		See Plate II-18 for other styles
AR	**1022 9334**	key release bail
		See Plate II-19 for other styles
AS	**1022 9094**	cipher stop
		See Plate II-17 for other styles
AT	**1027 6921**	spring
AU	**1023 0043**	closed account bail
		see Plate II-19 for other styles
AV	**1016 2246**	key restoring bail
AW	**1016 2220**	cipher stop shaft
AX		See Keyboard Top Plate Replacement Chart (Plate II-41)
AY	**1015 4912**	collar
AZ	**1010 4610**	screw
BB	**1012 0178**	screw

Keyboard

KEYBOARD ASSEMBLY NO.5 WITH CALENDAR FEATURE (Plate II-5)



Part Numbers On Next Page

Keyboard

PART NUMBERS (Plate II-5)

Note : See Plate II-41 for complete assembled keyboards

A **1216 9793** subtotal keystem (may be used with interlock links 1016 2725 and 1219 8180
See Plate II-9 for Keystem Chart and Plate II-16 for interlock links

B **1216 9785** total keystem, use only with interlock link 1219 8180
See Plate II-9 for Keystem Chart and Plate II-16 for interlock links

C **1011 9600** Non-add and subtract keystem
See Plate II-9 for other styles

D **1011 9659** Repeat keystem
See Plate II-9 for other styles

E **1016 3475** error keystem
See Plate II-9 for other styles

F See Plate II-24 for keystem guides for column O

G **1012 0178** screw

H See Plate II-26 for keyboard shield chart

I **1023 0159** screw

J **1044 9916** touch bar
See Plate II-8 for other styles

K **1016 8383** touch bar
See Plate II-8 for other styles

L Keytop for OCK 7-0 (Shuttle master normalising)
1010 8249 brown 100
1218 5864 brown 108
1052 8438 grey 225
1225 2433 grey 220
1224 5981 grey 242

M **1019 9149** touch bar
See Plate II-8 for other styles

N **1019 9156** touch bar
See Plate II-8 for other styles

O Blank Keytop for Position 4/0
1301 9757 brown 108
1812 5377 grey 242
1301 9781 ivory 301
1301 0773 red 401

P Blank Keytop for Register Selection Lever
1016 1966 brown 100
1224 5999 grey 242
1218 1277 grey 207
1218 5693 brown 108

Q **1016 8318** touch bar
See Plate II-8 for other styles

R **1016 2550** keyboard top plate
See Plate II-41 for other styles

S **1026 5957** spring eyelet

T **1027 7697** spring includes S

U **1016 2246** key restoring bail

V **1023 0027** slide

W **1017 9976** shoulder screw

X **1011 5087** rocker arm
See Plate II-18 for other styles

Y **1026 9355** spring

Z **1022 9334** bail
See Plate II-19 for other styles

AB **1022 9094** cipher stop
See Plate II-17 for other styles

AC **1016 2923** repeat bail

AD **1027 6947** spring

AE **1011 6143** auxiliary repeat bail

AF **1010 8744** space collar

AG **1016 2220** shaft

AH **1011 9915** set collar includes AI

AI **1011 0070** set screw

AJ Keyboard bottom plate complete with keyboard plate separating strips. 1Z-902112 style 13 No. 2, specify machine style and serial number

AK **1011 6440** keystem
see Plate II-9 for other styles

AL **1011 3434** keystem
See Plate 11-9 for other styles

AM **1023 1090** keystem
See Plate II-9 for other styles

AN **1015 5760** index strip
See Accumulation **Section for other styles**

AO Use 1022 9037 and 1019 5048 on machines before P362954D
1022 9037 channel bail on machines after P362953D

AP **1012 0129** screw

AQ **1011 6416** spring anchor

AR **1034 6922** spring

AS **1016 2683** indexing strip
See Plate II-11 for other styles

AT **1016 2667** locking strip
See Plate II-12 for other styles

AU See Keytop Chart, Plate II-7

AV See Keytop Chart, Plate II-7

AW See Keytop Chart, Plate II-7

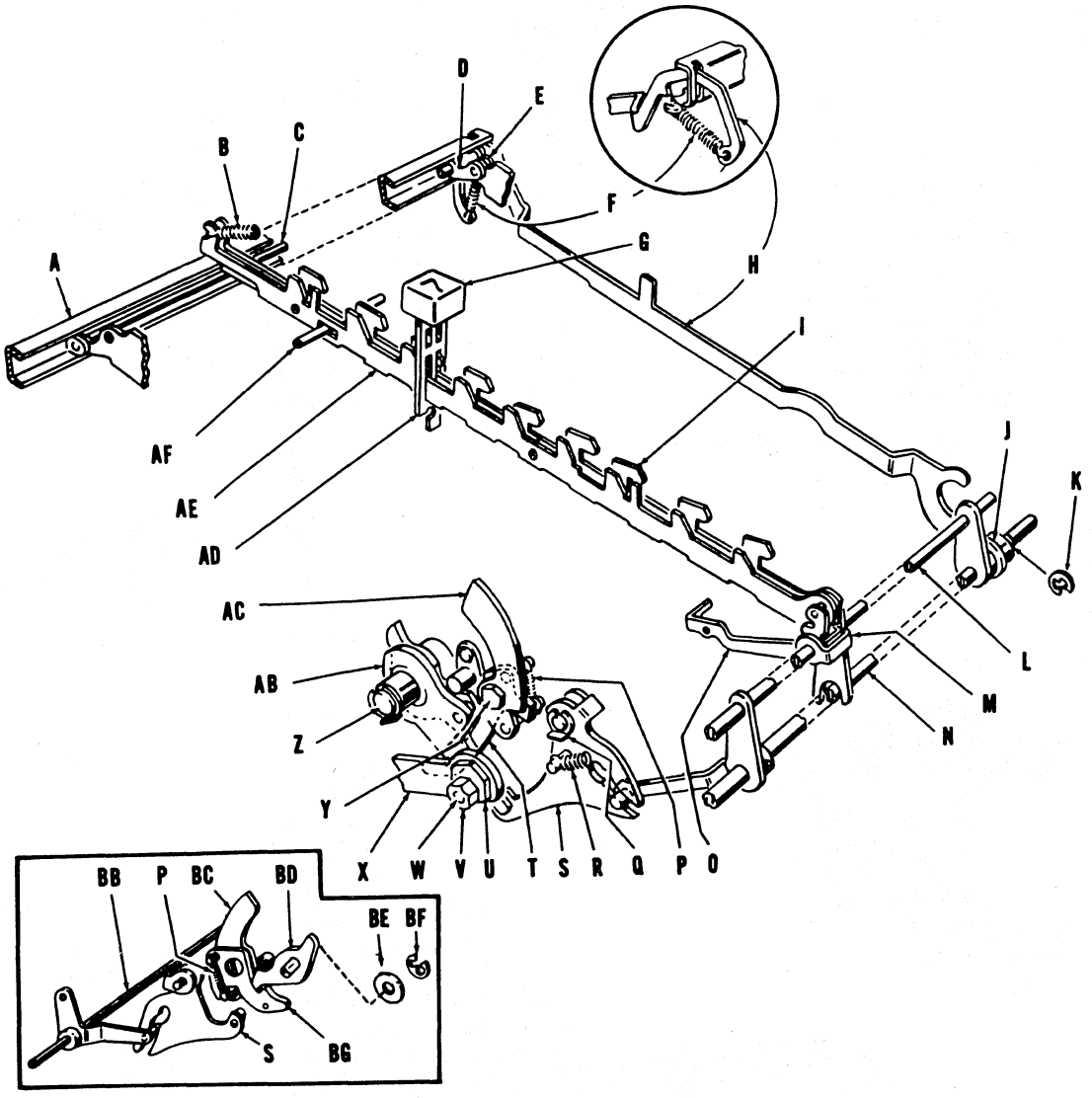
AX See Keytop Chart, Plate II-7

AY See Keytop Chart, Plate II-7

AZ See Keytop Chart, Plate II-7

Keyboard

KEYBOARD SAFEGUARD MECHANISM (Plate II-6)



PART NUMBERS (Plate II-6)

A **1011 4775** channel bail
See Plate II-15 for other styles

B **1027 6848** spring

C **1022 8708** 10 col. construction } channel bail
1028 2275 13 col. construction } shaft

D **1011 3520** clip

E **1012 0210** screw, use 1256 7699 lockwasher

F **1012 0327** spring

G See Keytop Chart, Plate II-7

H **1016 2725** interlock (shown), is used only with early keystems for O.C.K. 8-0 and 9-0
1219 8180 interlock, after P415253S, notched for new style keystem O.C.K. 8-0
See Plate II-16 for other styles

I **1011 4122** locking strip
See Plate II-12 for other styles

J **1022 9474** roller

K **1300 1474** clip

L Shaft
1044 4057 series P400,600,5000 and P9000
1011 3322 13 col.const. } Classes 8-9-10, Series
1011 3314 10 col. const } P100,200,300,1000, P2000 and P3000

Part Numbers Continued On Next Page

PART NUMBERS (Plate II-6) - Continued

M **1011 5038** rocker
See Plate II-18 for other styles
N Key Restoring Rack Assembly
1011 2246 Series P400, P600, P5000 and P9000
1011 3348 13 col. construction } Classes 8-9-10, Series P100, P200
1022 8625 10 col. construction } P300, P1000, P2000 and P3000
O **1022 9094** cipher stop
See Plate II-17 for other styles
P **1011 3041** spring
Q **1010 0220** clip
R **1011 3074** spring
S **1013 4179** break hook, Series P400, P600, P5000 and P9000
1013 4187 break hook, Classes 8-9-10, Series P100, P200, P300, P1000, P2000 and P3000
T **1016 2071** latch, Series P400, P600, P5000 and P9000
U **1028 0824** eccentric
V **1010 0337** nut, use 1010 4354 lockwasher
W **1011 2647** screw
X Pitman Arm
1016 2212 Series P400, P600, P5000 and P9000
1011 1730 Classes 8-9-10, Series P100, P200, P300, P1000, P2000 and P3000
Y **1010 8702** screw
Z **1010 0089** clip
AB Motor Operating Latch
1011 1052 machines 13 col. construction
1011 1045 machines 10 col. construction
AC **1016 2089** anchor plate, Series P400, P600 and P5000, P9000
AD **1011 6440** keystem
See Plate II-7 for other styles
AE **1011 4296** indexing strip
See Plate II-11 for other styles
AF **1011 3389** shaft
See Plate II-23 for other styles
BB **1022 8625** keyboard rack, see N for other styles
BC **1011 1060** anchor plate, Classes 8-9-10, Series P100, P200, P300 P1000, P2000 and P3000
1027 8430 for style 10 10 55 machine
1021 1647 Class 8 signature printer machine
BD **1011 1029** operating latche, handle operated machines
BE **1010 6615** washer
BF **1026 7060** clip, present construction
1010 4701 screw, early construction
BG **1011 1011** latch, Classes 8-9-10, Series P100, P200, P300, P1000, P2000 and P3000

Keyboard

KEYTOP CHART (Plate II-7)

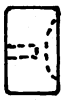
PART NUMBERS (Plate II-7)

ALPHABET KEYTOPS

Letter	Brown 107 on Ivory 301	Ivory 302 on Brown 108	Letter	Brown 107 on Ivory 301	Ivory 303 on Brown 108
A	1037 8354	1012 0624	N	1037 8529	1012 0715
B	1037 8362	1012 0632	O	1037 8537	1037 8545
C	1037 8370	1012 0640	P	1037 8552	1037 8560
D	1037 8388	1012 0657	Q	1037 8578	1037 8586
E	1037 8396	1012 0665	R	1037 8594	1037 8602
F	1037 8404	1037 8412	S	1037 8610	1037 8628
G	1037 8420	1037 8438	T	1037 8644	1037 8651
H	1037 8446	1012 0673	U	1037 8669	1037 8677
I	1037 8453	1037 8461	V	1037 8685	1037 8693
J	1037 8479	1037 8487	W	1037 8701	1037 8719
K	1037 8495	1012 0681	X	1037 8727	1012 0723
L	1037 8503	1012 0699	Y	1037 8735	1012 0731
M	1037 8511	1012 0707	Z	1037 8743	1037 8750

BLANK KEYTOPS

Brown 100	Brown 108	Grey 200	Grey 207	Grey 212	Grey 225
1038 2927	1038 2935	1038 2950	1038 2943	1221 0779	1221 0787
Grey 241	**Grey 242**	**Ivory 301**	**Tan 102**		
1812 5195	1227 2944	1038 2968	1038 2976		



CHARACTER KEYTOPS

Note: For non standard character keytops order as: - 82991A Char. Specify Character & Colour. (for example) 82991 Char (AA) 303/108

Part Numbers Continued On Next Page

Keyboard

PART NUMBERS (Plate II-7) - Continued Page 1

Character	Ivory 303 on Brown 108	Grey 241 on Grey 242	White 900 on Grey 207	Character	Ivory 303 on Brown 108	Grey 241 on Grey 242	White 900 on Grey 207
ACC	1037 8768	1812 0006		DIS	1012 0855	1812 0477	
ADJ	1037 8776	1812 0014		DIV	1012 0863	1812 0485	
A1	1037 8784	1812 0022		DP	1037 9139	1812 0493	
AL	1037 8792	1812 0030		DRA	1037 9147	1812 0501	
ALT	1037 8800	1812 0046		DRG	1037 9154	1812 0519	
ALW	1037 8818	1812 0055		DS	1037 9162	1812 0527	
AP	1037 8826	1812 0063		DUE	1037 9170	1812 0535	
AT	1037 8834	1812 0071		DUP	1012 0871	1812 0543	
B-B	1037 8842	1812 0089		D4	1037 9188	1812 0530	
BAL	1012 0749	1812 0097		EC	1037 9196	1812 0568	
BCO	1037 8859	1812 0105		ELE	1037 9204	1812 0576	
BFW	1037 8867	1812 0113		ES	1012 0889	1812 0584	
BLK	1037 8875	1812 0121		EX	1037 9212	1812 0592	
BLL	1037 8883	1812 0139		EXP	1012 0897	1812 0600	
BLT	1037 8891	1812 0147		E5	1037 9220	1812 0618	
BLU	1037 8909	1812 0154		FT	1037 9238	1812 0626	
BRW	1037 8917	1812 0162		FAC	1037 9246	1812 0634	
B2	1037 8925	1812 0170		FAN	1037 9253	1812 0642	
C-D	1037 8933	1812 0188		FC	1037 9261	1812 0659	
C/D	1012 0764	1812 0196		FD	1037 9279	1812 0667	
C/M	1012 0772	1812 0204		FEE	1037 9287	1812 0675	
C/N	1037 8941	1812 0212		FER	1037 9295	1812 0683	
C/R	1012 0780	1812 0220		FHA	1012 0905	1812 0691	
CAJ	1037 8958	1812 0238		FP	1037 9303	1812 0709	
CB	1037 8966	1812 0246		FRT	1012 0913	1812 0717	
CBK	1037 8974	1812 0253		FUR	1037 9311	1812 0725	
CH	1012 0798	1812 0261		F6	1037 9329	1812 0733	
CHE	1037 8982	1812 0279		GAS	1037 9337	1812 0741	
CHG	1037 8990	1812 0287		GDS	1012 0921	1812 0758	
CHK	1012 0806	1812 0295		GEN	1037 9345	1812 0766	
CHS	1037 9006	1812 0303		GLV	1037 9352	1812 0774	
CHV	1037 9014	1812 0311		GRA	1037 9360	1812 0782	
CIG	1037 90 22	1812 0329		GRM	1037 9378	1812 0790	
CM	1037 9030	1812 0337		GRN	1037 9386	1812 0808	
COM	1037 9048	1812 0345		GRS	1037 9394	1812 0816	
COR	1037 9055	1812 0352		G7	1037 9402	1812 0824	1037 9410
CQS	1037 9063	1812 0360		HAT	1037 9428	1812 0832	
CR	1012 0814	1812 0378		HAY	1037 9436	1812 0840	
CS	1012 0830	1812 0386		HKF	1037 9444	1812 0857	
CSE	1037 9071	1812 0394		HT	1037 9451	1812 0865	
CSH	1012 0822	1812 0402		H8	1037 9469	1812 0873	
CUR	1037 9089	1812 0410		INS	1012 0939	1812 0881	
C3	1037 9097	1812 0428		INT	1012 0947	1812 0899	
D/M	1012 0848	1812 0436		INV	1037 9477	1812 0907	
DC	1037 9105	1812 0444		I9	1037 9485	1812 0915	1037 9493
DES	1037 9113	1812 0451		J/E	1012 0945	1812 0923	
DEV	1037 9121	1812 0469		JR	1037 9501	1812 0931	

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PART NUMBERS (Plate II-7) - Continued Page 2

Character	Ivory 303 on Brown 108	Grey 241 on Grey 242	White 900 on Grey 207
J1	1037 9519	1812 0949	
KNT	1037 9527	1812 0956	
K2	1037 9535	1812 0904	
LBR	1037 9543	1812 0972	
LD	1037 9550	1812 0980	
LUB	1037 9568	1812 0998	1037 9576
L3	1037 9584	1812 1004	1037 9592
MAG	1037 9600	1812 1012	
MB	1037 9618	1812 1020	
MIS	1012 0962	1812 1038	
MS	1037 9626	1812 1046	
MTL	1037 9634	1812 1053	
N/B	1012 0988	1812 1061	1037 9642
N/C	1037 9659	1812 1079	1037 9667
N/D	1037 9675	1812 1087	1037 9683
N/S	1037 9691	1812 1085	1037 9709
NC	1037 9717	1812 1103	
NET	1012 0970	1812 1111	1037 9725
NR	1037 9733	1812 1129	
NUT	1037 9741	1812 1137	1037 9758
N1	1037 9766	1812 1145	
OIL	1037 9774	1812 1152	1037 9782
OP	1037 9790	1812 1160	
ORG	1226 4966	1812 1178	
OS	1037 9808	1812 1186	1037 9816
OV	1012 0996	1812 1194	1037 9824
P-Q	1051 9478	1812 1202	
P/J	1012 1002	1812 1210	1037 9832
PAJ	1037 9840	1812 1228	1037 9857
PEA	1037 9865	1812 1236	1037 9873
PGE	1037 9881	1812 1244	1037 9899
PLD	1037 9907	1812 1251	
PLT	1037 9915	1812 1269	
PNK	1037 9923	1812 1277	
PO	1037 9931	1812 1285	1037 9949
PRT	1037 9956	1812 1293	
PST	1037 9964	1812 1301	1037 9972
PT	1037 9980	1812 1319	1037 9998
PTS	1038 0004	1812 1327	1038 0012
QT	1038 0020	1812 1335	1038 0038
RA	1012 1044	1812 1343	1038 0046
RED	1038 0053	1812 1350	
REF	1038 0061	1812 1368	1038 0079
REP	1038 0087	1812 1376	1038 0095
RET	1012 1028	1812 1384	1038 0103
ROB	1038 0111	1812 1392	1038 0129
RUG	1038 0137	1812 1400	
RYE	1038 0145	1812 1418	1038 0152
S/J	1012 1036	1812 1426	
SC	1038 0160	1812 1434	1038 0178
SCF	1038 0186	1812 1442	
SDS	1038 0194	1812 1459	1038 0202
SE	1038 0210	1812 1467	
SHR	1038 0228	1812 1475	1038 0236
SLK	1038 0244	1812 1483	
SO	1038 0251	1812 1491	1038 0269
SP	1038 0277	1812 1509	1038 0285
SPC	1038 0293	1812 1517	
SPL	1038 0319	1812 1525	1038 0327
STO	1038 0335	1812 1533	1038 0343
SUP	1038 0350	1812 1541	1038 0368
T-T	1038 0376	1812 1558	1038 0384
TAN	1038 0392	1812 1566	
TAX	1012 1051	1812 1574	1038 0400
TOW	1038 0426	1812 1590	1038 0434
TR	1038 0442	1812 1608	1038 0459
TIE	1038 0467	1812 1616	1038 0475
US	1038 0483	1812 1624	1038 0491
WH1	1038 0509	1812 1632	
WL	1038 0517	1812 1640	
WSH	1038 0525	1812 1657	1038 0533
YEL	1038 0541	1812 1665	
1	1038 0558	1812 1673	1038 0566
1DA	1038 0574	1812 1681	1038 0582
1PC	1038 0590	1812 1699	
2DA	1038 0608	1812 1707	1038 0616
2PC	1038 0624	1812 1715	
3DA	1038 0632	1812 1723	1038 0640
3PC	1038 9657	1812 1731	
4PC	1038 0665	1812 1749	
5PC	1038 0673	1812 1756	
5TH	1038 0681	1812 1764	1038 0699
6PC	1038 0707	1812 1772	
7PC	1038 0715	1812 1780	
8PC	1038 0723	1812 1798	
9PC	1038 0731	1812 1806	

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COMPLEMENT KEYTOPS

Number	White 900 on Grey 207	Brown 101 on Grey 200	Brown 107 on Ivory 301	Number	Ivory 303 on Brown 108
8 1	1038 8023	1046 0640	1038 0756	10 1	1038 1291
7 2	1038 8031	1046 0632	1038 0772	9 2	1038 1374
6 3	1038 8049	1046 0624	1038 0798	8 3	1038 1366
5 4	1038 8056	1046 0616	1038 0814	7 4	1038 1325
4 5	1038 8064	1046 0608	1038 0830	6 5	1038 1333
3 6	1038 8072	1046 0590	1038 0855	5 6	1038 1341
2 7	1038 8080	1046 0582	1038 0871	4 7	1038 1358
1 8	1038 8098	1046 0574	1038 0897	3 8	1038 1366
0 9	1038 8106	1046 0566	1038 0913	2 9	1038 1374
				1 10	1038 1283
				0 11	1038 1275

FRACTION KEYTOPS

Fraction	Ivory 303 on Brown 108	Fraction	Ivory 303 on Brown 108	Fraction	Ivory 303 on Brown 108	Fraction	Ivory 303 on Brown 108
1/8	1012 1093	3/8	1012 1101	5/8	1012 1069	7/8	1012 1077
1/4	1012 1127	1/2	1012 1085	3/4	1012 1119		

Fraction	White 900 on Grey 207	Fraction	White 900 on Grey 207	Fraction	White 900 on Grey 207	Fraction	White 900 on Grey 207
1/8	1216 2525	3/8	1216 2541	5/8	1216 2566	7/8	1216 2582
1/4	1216 2533	1/2	1216 2558	3/4	1216 2574		

MONTHS KEYTOPS

Month	Brown 107 on Ivory 301	Brown 101 on Grey 200	Month	Brown 107 on Ivory 301	Brown 101 on Grey 200
ABR	1038 0947	1038 8114	NOV	1038 1168	1012 2653
AGO	1038 0954	1038 8122	OCT	1038 1176	1012 2664
APR	1038 0962	1012 2562	OKT	1038 1184	1038 8254
AUG	1038 0970	1012 2570	SEP	1038 1192	1012 2679

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Month	Brown 107 on Ivory 301	Brown 101 on Grey 200	Month	Brown 107 on Ivory 301	Brown 101 on Grey 200
AUT	1038 0988	1038 8130	SET	1038 1200	1038 8262
AVL	1038 0996	1038 8148	I		1038 8189
DEC	1038 1002	1012 2588	II	1038 1051	1038 8197
DIC	1038 1010	1038 8155	III	1038 1069	1038 8205
ENE	1038 1028	1038 8163	IV	1038 1077	1038 8213
FEB	1038 1036	1012 2596	V		1038 8288
JAN	1038 1093	1012 2604	VI	1038 1226	1038 8296
JUN	1038 1119	1012 2620	VII	1038 1234	1038 8304
JUL	1038 1101	1012 2612	VIII	1038 1242	1038 8312
MAI	1038 1127	1038 8239	IX	1038 1085	1038 8221
MAJ	1038 1135	1038 8247	X		1038 8320
MAR	1038 1143	1012 2646	XI	1038 1085	1038 8221
MAY	1038 1150	1012 2638	XII	1038 1259	1038 8338

NUMBER KEYTOPS

Number	Ivory 303 on Brown 108	Ivory 300 on Brown 100	Ivory 300 on Brown 130	Grey 241 on Blue 716	White 900 on Grey 207	Brown 101 on Grey 200	Grey 241 on Grey 242
1	1038 2893	1038 2877	1038 2885	1812 4743	1038 2919	1038 2851	1812 7456
2	1038 3446	1038 3420	1038 5438	1812 4750	1038 3461	1038 3404	1812 7464
3	1038 3610	1038 3594	1038 3602	1812 4768	1038 3636	1038 3578	1812 7472
4	1038 3818	1038 3792	1038 3800	1812 4776	1038 3834	1038 3776	1812 7480
5	1038 4204	1038 4188	1038 4196	1812 4784	1038 4220	1038 4162	1812 7498
6	1038 4972	1038 4956	1038 4964	1812 4792	1038 4998	1038 4931	1812 7506
7	1038 5748	1038 5722	1038 5730	1812 4800	1038 5763	1038 5706	1812 7514
8	1038 6514	1038 6498	1038 6506	1812 4818	1038 6530	1038 6472	1812 7522
9	1038 7280	1038 7264	1038 7272	1812 4826	1038 7306	1038 7249	1812 7530
10	1038 3024	1038 3008	1038 3016	1812 4834	1038 3040	1038 2984	1812 7548
11	1038 3099	1038 3073	1038 3081	1812 4842	1038 3115	1038 3057	1812 7555
12	1038 3164	1038 3149	1038 3156	1812 4859	1038 3180	1038 3123	1812 7563
13	1038 3230	1038 3214	1038 3222	1812 4867	1038 3255	1038 3198	1812 7571
14	1038 3305	1038 3289	1038 3297	1812 4875	1038 3321	1038 3267	1812 7589
15	1038 3370	1038 3354	1038 3362	1812 4883	1038 3396	1038 8339	1812 7597
20	1038 3545	1038 3529	1038 3537		1038 3560	1038 3503	
30	1038 3743	1038 3727	1038 3735		1038 3768	1038 3701	
40	1038 3925	1038 3909	1038 3917		1038 3941	1038 3883	
47	1038 3990	1038 3974	1038 3982		1038 4014	1038 3958	
48	1038 4063	1038 4048	1038 4055		1038 4089	1038 4022	
49	1038 4121	1038 4113	1038 4139		1038 4154	1038 4097	
50	1038 4279	1038 4253	1038 4261		1038 4295	1038 4238	

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Number	Ivory 303 on Brown 108	Ivory 300 on Brown 100	Ivory 300 on Brown 130	Grey 241 on Blue 716	White 900 on Grey 207	Brown 101 on Grey 200	Grey 241 on Grey 242
51	1038 4345	1038 4329	1038 4337		1038 4360	1038 4303	
52	1038 4410	1038 4394	1038 4402		1038 4436	1038 4378	
53	1038 4485	1038 4469	1038 4477		1038 4501	1038 4444	
54	1038 4550	1038 4535	1038 4543		1038 4576	1038 4519	
55	1038 4626	1038 4600	1038 4618		1038 4642	1038 4584	
56	1038 4691	1038 4675	1038 4683		1038 4717	1038 4659	
57	1038 4766	1038 4741	1038 4758		1038 4782	1038 4725	
58	1038 4832	1038 4816	1038 4824		1038 4857	1038 4790	
59	1038 4915	1038 4881	1038 4907		1038 4923	1038 4865	
60	1038 5052	1038 5029	1038 5045		1038 5060	1038 5003	
61	1038 5128	1038 5094	1038 5110		1038 5136	1038 5078	
62	1038 5185	1038 5169	1038 5177		1038 5201	1038 5144	
63	1038 5250	1038 5235	1038 5243		1038 5276	1038 5219	
64	1038 5326	1038 5300	1038 5318		1038 5342	1038 5284	
65	1038 5391	1038 5375	1038 5383		1038 5417	1038 5359	
66	1038 5466	1038 5441	1038 5458		1038 5482	1038 3425	
67	1038 5532	1038 5516	1038 5524		1038 5557	1038 5490	
68	1038 5607	1038 5587	1038 5599		1038 5623	1038 5565	
69	1038 5664	1038 5656	1038 5672		1038 5698	1038 5631	
70	1038 5813	1038 5797	1038 5805		1038 5839	1038 5771	
71	1038 5888	1038 5862	1038 5870		1038 5904	1038 5847	
72	1038 5953	1038 5938	1038 5946		1038 5979	1038 5912	
73	1038 6027	1038 6001	1038 6019		1038 6043	1038 5987	
74	1038 6092	1038 6076	1038 6084		1038 6118	1038 6050	
75	1038 6167	1038 6142	1038 6159		1038 6183	1038 6126	
76	1038 6233	1038 6217	1038 6225		1038 6258	1038 6191	
77	1038 6308	1038 6282	1038 6290		1038 6324	1038 6266	
78	1038 6373	1038 6357	1038 6365		1038 6399	1038 6332	
79	1038 6449	1038 6423	1038 6431		1038 6464	1038 6407	
80	1038 6589	1038 6563	1038 6571		1038 6605	1038 6548	
81	1038 6654	1038 6639	1038 6647		1038 6670	1038 6613	
82	1038 6720	1038 6704	1038 6712		1038 6746	1038 6688	
83	1038 6795	1038 6779	1038 6787		1038 6811	1038 6753	
84	1038 6860	1038 6845	1038 6852		1038 6886	1038 6829	
85	1038 6936	1038 6910	1038 6928		1038 6951	1038 6894	
86	1038 7009	1038 6985	1038 6993		1038 7025	1038 6969	
87	1038 7074	1038 7058	1038 7066		1038 7090	1038 7033	
88	1038 7140	1038 7124	1038 7132		1038 7165	1038 7108	
89	1038 7215	1038 7199	1038 7207		1038 7371	1038 7173	
90	1038 7355	1038 7330	1038 7348		1038 7371	1038 7314	
91	1038 7421	1038 7405	1038 7413		1038 7447	1038 7389	
92	1038 7496	1038 7470	1038 7488		1038 7512	1038 7454	
93	1038 7561	1038 7546	1038 7553		1038 7587	1038 7520	
94	1038 7637	1038 7611	1038 7629		1038 7652	1038 7595	
95	1038 7702	1038 7686	1038 7694		1038 7728	1038 7660	
96	1038 7777	1038 7751	1038 7769		1038 7793	1038 7736	
97	1038 7843	1038 7827	1038 7835		1038 7868	1038 7801	
98	1038 7918	1038 7892	1038 7900		1038 7934	1038 7876	
99	1038 7983	1038 7967	1038 7975		1038 8007	1038 7942	

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PART NUMBERS (Plate II-7) Continued Page 6

Number	White 900 on Grey 212	Grey 220 on Grey 225	Grey 242 on Grey 241	Brown 107 on Ivory 301	Ivory 300 on Tan 102	Ivory 300 on Red 401	Grey 241 on Red 426
1	1221 0803	1221 1488	1812 5047	1038 2869	1038 2901	1223 1189	1812 7142
2	1221 0811	1221 1496	1812 5054	1038 3412	1038 3453	1223 1197	1812 7159
3	1221 0829	1221 1504	1812 5062	1038 3586	1038 3628	1223 1205	1812 7167
4	1221 0837	1221 1512	1812 5070	1038 3784	1038 3826	1221 1213	1812 7175
5	1221 0845	1221 1520	1812 5088	1038 4170	1038 4212	1223 1221	1812 7183
6	1221 0852	1221 1538	1812 5096	1038 4949	1038 4980	1221 1239	1812 7191
7	1221 0860	1221 1546	1812 5104	1038 5714	1038 5755	1223 1247	1812 7209
8	1221 0878	1221 1553	1812 5112	1038 6480	1038 6522	1223 1254	1812 7217
9	1221 0886	1221 1561	1812 5120	1038 7256	1038 7298	1223 1262	1812 7225
10	1221 0894	1221 1579	1812 5138	1038 2992	1038 3082	1223 1270	1812 7233
11	1221 0902	1221 1587	1812 5146	1038 3065	1038 3107	1223 1288	1812 7241
12	1221 0910	1221 1595	1812 5153	1038 3131	1038 3172	1223 1296	1812 7258
13	1221 0928	1221 1603	1812 5161	1038 3206	1038 3248	1223 1304	1812 7266
14	1221 0936	1221 1611	1812 5179	1038 3271	1038 3313	1223 1312	1812 7274
15	1221 0944	1221 1629	1812 5187	1038 3347	1038 3388	1223 1320	1812 7282
20	1221 0951	1221 1637		1038 3511	1038 3552	1223 1338	
30	1221 0969	1221 1645		1038 3719	1038 3750	1223 1346	
40	1221 0977	1221 1652		1038 3891	1038 5933	1223 1353	
47				1038 3966	1038 4006	1223 1361	
48				1038 4030	1038 4071	1223 1379	
49				1038 4105	1038 4147	1223 1387	
50	1221 0985	1221 1660		1038 4246	1038 4287	1223 1395	
51	1221 0993	1221 1678		1038 4311	1038 4352	1223 1403	
52	1221 1009	1221 1686		1038 4386	1038 4428	1223 1411	
53	1221 1017	1221 1694		1038 4451	1038 4493	1223 1429	
54	1221 1025	1221 1702		1038 4527	1038 4568	1223 1437	
55	1221 1033	1221 1710		1038 4592	1038 4634	1223 1445	
56	1221 1041	1221 1728		1038 4667	1038 4709	1223 1452	
57	1221 1058	1221 1736		1038 4733	1038 4774	1223 1460	
58	1221 1066	1221 1744		1038 4808	1038 4840	1223 1478	
59	1221 1074	1221 1751		1038 4873	1038 4899	1223 1486	
60	1221 1082	1221 1769		1038 5011	1038 5037	1223 1494	
61	1221 1090	1221 1777		1038 5086	1038 5102	1223 1502	
62	1221 1108	1221 1785		1038 5151	1038 5193	1223 1510	
63	1221 1116	1221 1793		1038 5227	1038 5268	1223 1528	
64	1221 1124	1221 1801		1038 5292	1038 5334	1223 1536	
65	1221 1132	1221 1819		1038 5367	1038 5409	1223 1544	
66	1221 1140	1221 1827		1038 5433	1038 5474	1223 1551	
67	1221 1157	1221 1835		1038 5508	1038 5540	1223 1569	
68	1221 1165	1221 1843		1038 5573	1038 5615	1223 1577	
69	1221 1173	1221 1850		1038 5649	1038 5680	1223 1585	
70	1221 1181	1221 1868		1038 5789	1038 5821	1223 1593	
71	1221 1199	1221 1876		1038 5854	1038 5896	1223 1601	
72	1221 1207	1221 1884		1038 5920	1038 5961	1223 1619	
73	1221 1215	1221 1892		1038 5995	1038 6035	1221 1627	
74	1221 1223	1221 1900		1038 6068	1038 6100	1223 1635	
75	1221 1231	1221 1918		1038 6134	1038 6175	1223 1643	
76	1221 1249	1221 1926		1038 6209	1038 6241	1223 1650	
77	1221 1256	1221 1934		1038 6274	1038 6316	1223 1668	

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PART NUMBERS (Plate II-7) Continued Page 7

Number	White 900 on Grey 212	Grey 220 on Grey 225	Grey 242 on Grey 241	Brown 107 on Ivory 301	Ivory 300 on Tan 102	Ivory 300 on Red 401	Grey 241 on Red 426
78	1221 1264	1221 1942		1038 6340	1038 6381	1223 1076	
79	1221 1272	1221 1959		1038 6415	1038 6456	1223 1684	
80	1221 1280	1221 1967		1038 6555	1038 6597	1223 1692	
81	1221 1298	1221 1975		1038 6621	1038 6662	1223 1700	
82	1221 1306	1221 1983		1038 6696	1038 6738	1223 1718	
83	1221 1314	1221 1991		1038 6761	1038 6803	1223 1726	
84	1221 1322	1221 2007		1038 6837	1038 6878	1223 1734	
85	1221 1330	1221 2015		1038 6902	1038 6944	1223 1742	
86	1221 1348	1221 2023		1038 6977	1038 7017	1223 1759	
87	1221 1355	1221 2031		1038 7041	1038 7082	1223 1767	
88	1221 1363	1221 2049		1038 7116	1038 7157	1223 1775	
89	1221 1371	1221 2056		1038 7181	1038 7223	1223 1783	
90	1221 1389	1221 2064		1038 7322	1038 7363	1223 1791	
91	1221 1397	1221 2072		1038 7397	1038 7439	1223 1809	
92	1221 1405	1221 2080		1038 7462	1038 7504	1223 1817	
93	1221 1413	1221 2098		1038 7538	1038 7579	1223 1825	
94	1221 1421	1221 2106		1038 7603	1038 7645	1223 1833	
95	1221 1439	1221 2114		1038 7678	1038 7710	1223 1841	
96	1221 1447	1221 2122		1038 7744	1038 7785	1223 1858	
97	1221 1454	1221 2130		1038 7819	1038 7850	1223 1866	
98	1221 1462	1221 2148		1038 7884	1038 7926	1223 1874	
99	1221 1470	1221 2155		1038 7959	1038 7991	1223 1882	

DOLLAR KEYTOPS $1 THRU $9

Number	White 900 on Grey 207	Number	White 900 on Grey 207	Number	White 900 on Grey 207
$1	1023 1785	$4	1023 1934	$7	1023 1967
$2	1023 1900	$5	1023 1942	$8	1023 1975
$3	1023 1926	$6	1023 1959	$9	1023 1983

KEYTOPS 100 THRU 900

Number	White 900 on Grey 207	Number	White 900 on Grey 207	Number	White 900 on Grey 207
100	1023 1793	400	1023 1827	700	1023 1850
200	1023 1801	500	1023 1835	800	1023 4372
300	1023 1819	600	1023 1843	900	1023 1876

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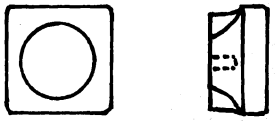
PART NUMBERS (Plate II-7) Continued Page 8



BLANK SYMBOL KEYTOPS

Brown 108	Brown 100	Grey 207	Grey 200	Grey 242	Grey212
1048 2271	1221 5158	1038 3487	1227 6762	1813 2647	1221 2163
Grey 225	**Red 402**	**Tan 102**	**Blue 716**	**Ivory 301**	
1221 2171	1227 6788	1227 6770	1813 2639	1038 3495	

SYMBOL KEYTOPS

Note : For non standard symbol keytops order as :- 82991 Symbol (X) 303/108 82991A Symbol Specify: symbol & colour. (for example)

Symbol	Ivory 303 on Brown 108	Ivory 300 on Brown 100	White 900 on Grey 207	Brown 101 on Grey 200	Grey 241 on Grey 242
⊬1	1223 0272	1038 1432	1038 1440	1038 1416	1812 4180
⊬2	1038 1473	1038 1457	1038 1465	1012 2364	1812 4198
A	1038 1499	1012 2083	1012 2091	1038 1507	1812 4206
B	1012 2117	1012 2109	1038 1523	1038 1531	1812 4214
D	1223 0280	1223 0769	1223 0975	1223 0496	1812 4537
E	1038 1986	1012 2174	1012 2182	1038 1994	1812 4321
M	1038 2109	1038 2133	1038 2091	1038 2117	1812 4354
W					
X	1038 2752	1012 2323	1012 2331	1038 2760	1812 4529
BAL	1012 2133	1038 1580	1038 1556	1038 1564	1812 4222
BK	1038 1598	1038 1622	1012 2125	1038 1606	1812 4230
BL	1038 1648	1223 0702	1038 1630	1038 1655	1812 4248
CAM	1038 1671	1038 1705	1038 1663	1038 1689	1812 4255
CER	1038 1713	1038 1747	1012 2141	1038 1721	1812 4263
CHG	1012 2158	1038 1788	1038 1754	1038 1762	1812 4271
CRE	1038 1804	1038 1838	1038 1796	1038 1812	1812 4289
CSH	1038 1846	1038 1879	1012 2166	1038 1853	1812 4297
CTO	1038 1903	1038 1929	1038 1887	1038 1895	1812 4305
DTE	1038 1945	1038 1978	1038 1937	1038 1952	1812 4313
GT	1012 2190	1038 2042	1038 2018	1038 2026	1812 4339
IN	1038 2059	1038 2083	1012 2208	1038 2067	1812 4347
N/P	1012 2216	1038 2174	1038 2141	1038 2158	1812 4362

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PART NUMBERS (Plate II-7) Continued Page 9

Symbol	Ivory 303 on Brown 108	Ivory 300 on Brown 100	White 900 on Grey 207	Brown 101 on Grey 200	Grey 241 on Grey 242
N/S	1038 2182	1038 2216	1012 2224	1038 2190	1812 4370
NQ.	1037 7737	1037 7760	1012 0574	1037 7745	1812 4560
OUT	1038 2232	1038 2265	1038 2224	1038 2240	1812 4388
P/O	1038 2273	1038 2307	1012 2232	1038 2281	1812 4396
PAG	1038 2323	1038 2356	1038 2315	1038 2331	1812 4404
R/A	1012 2265	1038 2398	1038 2364	1038 2372	1812 4412
REC	1012 2240	1223 0710	1038 2406	1012 2257	1812 4420
REG	1038 2414	1038 2448	1012 2273	1038 2422	1812 4438
REP	1038 2463	1223 0728	1038 2455	1038 2471	1812 4446
RF	1038 2489	1038 2513	1012 2281	1038 2497	1812 4453
SE	1038 2539	1223 0736	1038 2521	1038 2547	1812 4461
SPC	1038 2562	1223 0744	1038 2554	1038 2570	1812 4479
TAG	1038 2604	1223 0751	1038 2596	1038 2612	1812 4487
TAX	1012 2299	1038 2653	1038 2620	1038 2638	1812 4495
TOT	1012 2307	1038 2695	1038 2661	1038 2679	1812 4503
WT	1038 2711	1038 2745	1038 2703	1038 2729	1812 4511
BL S	1037 8255	1223 0868	1037 8248	1037 8263	1812 4636
BAL 1	1037 8115	1037 8149	1037 8107	1037 8123	1812 4628
CER	1012 0418	1037 7844	1037 7810	1037 7828	1812 4545
DEP	1223 0447	1223 0926	1223 1130	1037 8214	1812 4693
IN	1037 8065	1037 8099	1012 0442	1037 8073	1812 4644
LST	1223 0454	1223 0934	1223 1148	1012 0467	1812 4701
NA	1223 0306	1012 0491	1012 0525	1223 0512	1812 4552
OUT 1	1012 0434	1037 8057	1037 8024	1037 8032	1812 4578
PAY TOP	1012 0400	1037 7885	1037 7851	1037 7869	1812 4586
PAG TOT	1037 8198	1223 0827	1012 0541	1012 0533	1812 4594
REC 1	1012 0558	1223 0835	1037 8206	1012 0566	1812 4602
RA	1012 0590	1037 7661	1037 7547	1037 7646	1812 4610
ST A	1223 0413	1037 7943	1012 0384	1037 7927	1812 4669
ST A	1037 7679	1012 0509	1012 0608	1037 7687	1812 4719
TOT	1012 0616	1012 0517	1037 7703	1037 7711	1812 4677
TOT B	1012 0426	1012 0483	1037 7950	1037 7968	1812 4651
TOT	1037 7778	1037 7802	1012 0392	1037 7786	1812 4685
↑	1012 0582	1037 8180	1037 8156	1037 8164	1812 4727
▲	1037 7984	1037 8016	1012 0459	1037 7992	1812 4735

Part Numbers Continued On Next Page

Keyboard

PART NUMBERS (Plate II-7) Continued Page 10

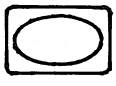
Symbol	Grey 220 on Grey 225	White 900 on Grey 212	Ivory 300 on Red 402	Grey 241 on Blue 716	Ivory 300 on Tan 102
⊣⊢1		1221 2502	1012 2349	1812 3620	1038 1424
⊣⊢2	1221 2668	1221 2510		1812 3638	1038 1481
A		1221 2221		1812 3646	1038 1515
B		1221 2262	1053 4329	1812 3653	1038 1549
D				1812 3976	1223 0082
E		1221 2361		1812 3760	1038 2000
M		1221 2601		1812 3794	1038 2125
W		1221 2619			
X		1221 2494		1812 3968	1038 2778
BAL		1221 2551		1812 2661	1038 1572
BK		1221 2593		1812 3679	1038 1614
BL				1812 3687	1223 0009
CAM		1221 2585		1812 3695	1038 1697
CER		1221 2312		1812 3703	1038 1739
CHG		1221 2338		1812 3711	1038 1770
CRE		1221 2353		1812 3729	1038 1820
CSH		1221 2288		1812 3737	1038 1861
CTO				1812 3745	1038 1911
DTE		1221 2205		1812 3752	1038 1960
GT		1221 2387		1812 3778	1038 2034
IN		1221 2296		1812 3786	1038 2075
N/P		1221 2411		1812 3802	1038 2166
N/S		1221 2403		1812 3810	1038 2208
No.		1221 2254		1812 4008	1037 7752
OUT				1812 3828	1038 2257
P/O		1221 2429		1812 3836	1038 2299
PAG		1221 2437		1812 3844	1038 2349
R/A		1221 2445		1812 3851	1038 2380
REC		1221 2635		1812 3869	1223 0017
REG		1221 2452		1812 3877	1038 2430
REP				1812 3885	1223 0025
RF		1221 2569		1812 3893	1038 2505
SE				1812 3901	1223 0033
SPC				1812 3919	1223 0041
TAG				1812 3927	1223 0058
TAX		1221 2478		1812 3935	1038 2646
TOT		1221 2213		1812 3943	1038 2687
WT				1812 3950	1038 2737
✲ BL S				1812 4073	1223 0165
BAL 1		1221 2577		1812 4065	1037 8131
CER ◇		1221 2320		1812 3984	1037 7836
DEP ✲	1221 2643			1812 4131	1223 0223
IN ◇		1221 2544		1812 4081	1037 8081
LST ⊣⊢	1221 2650			1812 4149	1223 0231
NA		1221 2395		1812 3992	1223 0082

Part Numbers Continued On Next Page

Keyboard

PART NUMBERS (Plate II-7) Continued Page 11

Symbol	Grey 220 on Grey 225	White 900 on Grey 212	Ivory 300 on Red 402	Grey 241 on Blue 716	Ivory 300 on Tan 102
OUT 1		1221 2536		1812 4016	1037 8040
PAY TOT		1221 2379		1812 4024	1037 7877
PAG TOT		1221 2304		1812 4032	1223 0124
REC 1		1221 2346		1812 4040	1223 0132
RA		1221 2197		1812 4057	1037 7653
ST A		1221 2460		1812 4107	1037 7935
ST A TOT		1221 2239		1812 4156	1037 7695
TOT B TOT		1221 2247		1812 4115	1037 7729
		1221 2486		1812 4099	1037 7976
		1221 2270		1812 4123	1037 7794
		1221 2627		1812 4164	1037 8172
		1221 2528		1812 4172	1037 8008



BLANK KEYTOPS

Brown 108	Grey 200	Grey 241	Grey 242	Ivory 301	Red 401	Blue 716
1301 9757	1301 9765	1813 0757	1812 5377	1301 9781	1301 9773	1813 2720

CHARACTER KEYTOPS

Note : For non-standard character keytops order as: - 902991 Char. Specify Character & Colour (for example) 902991 Char. (AAA) 303/108.

Character	Ivory 303 on Brown 108	Grey 241 on Grey 242	Character	Ivory 303 on Brown 108	Grey 241 on Grey 242
ALW	1016 3509	1812 7753	CAJ	1016 3541	1812 7845
B/A	1016 3533	1812 7761	CGS	1016 3558	1812 7852

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Keyboard

PART NUMBERS (Plate II-7) Continued Page 12

Character	Ivory 303 on Brown 108	Grey 241 on Grey 242	Character	Ivory 303 on Brown 108	Grey 241 on Grey 242
BAL	1016 3517	1812 7779	CHE	1016 3566	1812 7860
BCO	1016 3525	1812 7787	CSH	1016 3616	1812 7878
C-D	1016 6573	1812 7795	D/M	1016 3665	1812 7886
C/D	1016 3582	1812 7803	DES	1016 3624	1812 7894
C/M	1016 3590	1812 7811	DIS	1016 3640	1812 7902
C/N	1044 6581	1812 7829	EXP	1016 3673	1812 7910
C/R	1016 3608	1812 7837	FAC	1016 3681	1812 7928
FRT	1016 3699	1812 7936	OP	1016 3772	
GDS	1016 3707	1812 7944	P/J	1016 3780	1812 7993
INT	1016 3715	1812 7951	RET	1016 3798	1812 8009
J/E	1016 3723	1812 7969	S/J	1016 3814	1812 8017
MIS	1016 3731	1812 7977	SK	1016 3806	
NET	1016 3749	1812 7985			

MONTH KEYTOPS

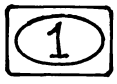
Month	Brown 101 on Grey 200	Grey 242 on Grey 241	Grey 220 on Grey 225	Month	Brown 101 on Grey 200	Grey 242 on Grey 241	Grey 220 on Grey 225
ABR	1301 9963	1812 5500	1202 9443	JUL	1302 0169	1812 5708	1202 2497
AGO	1301 9971	1812 5518	1202 9401	JUN	1302 0177	1812 5716	1202 2489
APR	1301 9989	1812 5526	1202 2463	KES	1302 0185	1812 5724	
AUG	1301 9997	1812 5534	1202 2505	LOK	1302 0193	1812 5732	
AUT	1302 0003	1812 5542	1202 9328	LUG	1302 0201	1812 5740	1202 9393
AVL	1302 0011	1812 5559	1202 9302	MAA	1302 0219	1812 5757	
DEC	1302 0029	1812 5567	1202 2547	MAG	1302 0227	1812 5765	1202 9377
DEZ	1302 0037	1812 5575	1202 9351	MAI	1302 0235	1812 5773	1202 9310
DIC	1302 0045	1812 5583	1202 9345	MAJ	1302 0243	1812 5781	1202 9476
ELO	1302 0052	1812 5591		MAR	1302 0250	1812 5799	1202 2455
ENE	1302 0060	1812 5609	1202 9468	MAY	1302 0268	1812 5807	1202 2471
FEB	1302 0078	1812 5617	1202 2448	MEI	1302 0276	1812 5815	1202 9286
FEV	1302 0086	1812 5625	1202 9294	MRT	1302 0284	1812 5823	1202 9278
GEN	1302 0094	1812 5633	1202 9369	MRZ	1302 0292	1812 5831	1202 9336
GIU	1302 0102	1812 5641	1202 9385	NOV	1302 0330	1812 5849	1202 2539
HEI	1302 0110	1812 5658		OCT	1302 0318	1812 5856	1202 2521
HEL	1302 0128	1812 5666		OKT	1302 0326	1812 5864	1202 9344
HUH	1302 0136	1812 5674		OTT	1302 0334	1812 5872	1202 9427
JAN	1302 0144	1812 5682	1202 2430	OUT	1302 0342	1812 5880	1202 9450
JOU	1302 0151	1812 5690		1	1301 9849	1812 6052	1202 9047
SEP	1302 0359	1812 5898	1202 2513	2	1301 9856	1812 6060	1202 9054
SET	1302 0367	1812 5906	1202 9419	3	1301 8864	1812 6078	1202 9062
SYY	1302 0375	1812 5914		4	1301 9872	1812 6086	1202 9070
TAM	1302 0383	1812 5922		5	1301 9880	1812 6094	1202 9088
TOU	1302 0391	1812 5930		6	1301 9898	1812 6102	1202 9069

Part Numbers Continued On Next Page

Keyboard

PART NUMBERS (Plate II-7) Continued Page 13

Month	Brown 101 on Grey 220	Grey 242 on Grey 241	Grey 220 on Grey 225	Month	Brown 101 on Grey 200	Grey 242 on Grey 241	Grey 220 on Grey 225
I	1302 0409	1812 5948	1202 9161	7	1301 9906	1812 6110	1202 9104
II	1302 0417	1812 5955	1202 9179	8	1301 9914	1812 6128	1202 9112
III	1302 0425	1812 5963	1202 9187	9	1301 9922	1812 6136	1202 9120
IV	1302 0433	1812 5971	1202 9195	10	1301 9930	1812 6144	1202 9138
V	1302 0441	1812 5989	1202 9203	11	1301 9948	1812 1651	1202 9146
VI	1302 0458	1812 5997	1202 9211	12	1301 9955	1812 6169	1202 9153
VII	1302 0466	1812 6003	1202 9229				
VIII	1302 0474	1812 6011	1202 9237				
IX	1302 0482	1812 6029	1202 9245				
X	1302 0490	1812 6037	1202 9252				
XII	1302 0508	1812 6040	1202 9260				



NUMBER KEYTOPS

Number	Ivory 303 on Brown 108	White 900 on Grey 207	Grey 241 on Blue 716	Number	Ivory 303 on Brown 108	White 900 on Grey 207	Grey 241 on Blue 716
1	1302 1324	1302 3650	1224 7292	7	1302 1381	1302 3718	1224 7359
2	1302 1332	1302 3668	1224 7300	8	1302 1399	1302 3726	1224 7367
3	1302 1340	1302 3676	1224 7318	9	1302 1407	1302 2724	1224 7375
4	1302 1357	1302 3684	1224 7326	10	1302 1415	1302 3742	1224 7383
5	1302 1365	1302 3692	1224 7334	11	1302 1423	1302 3759	1224 7391
6	1302 1373	1302 3700	1224 7342				

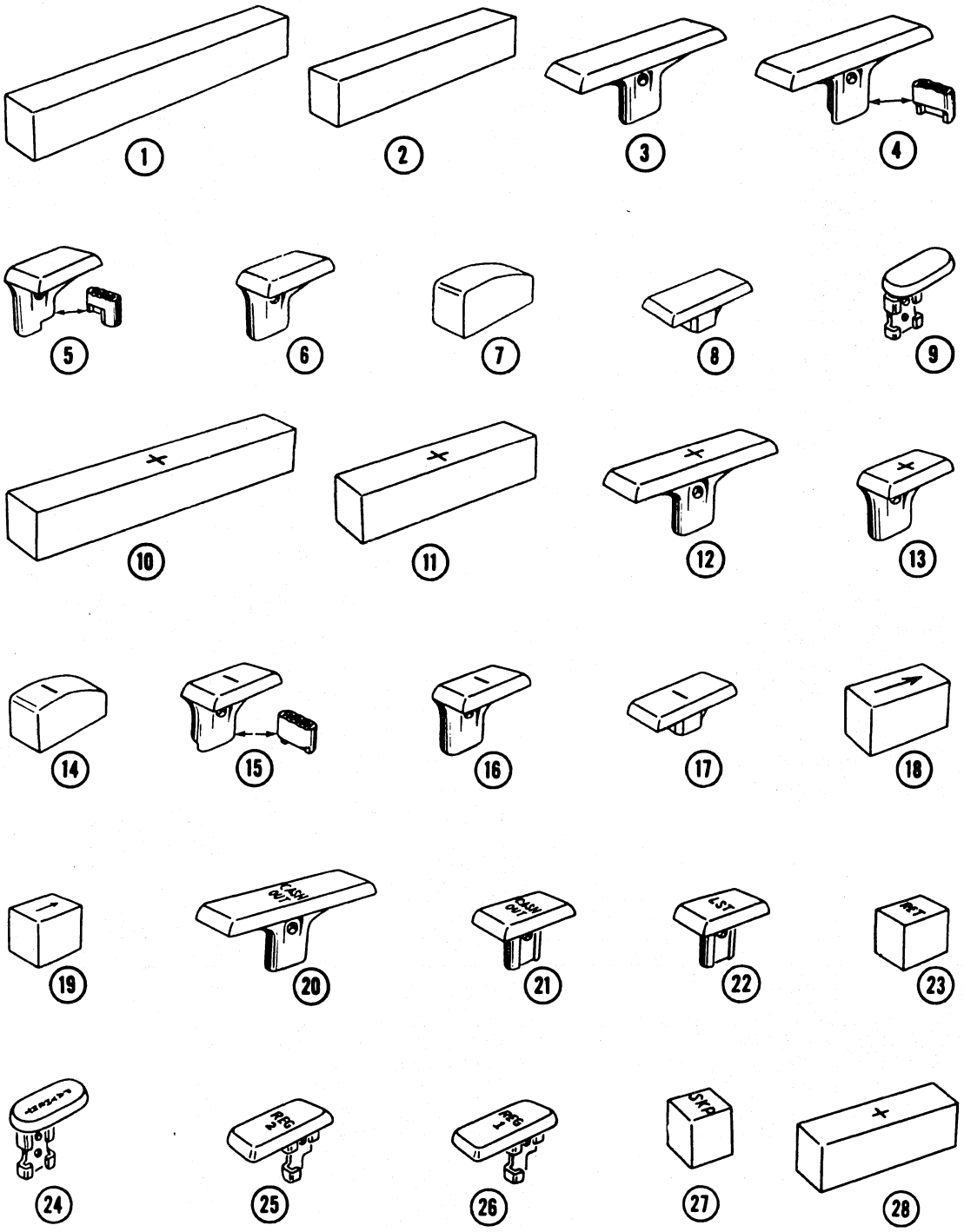
BRIDGED KEYTOPS

Part Number	No. of Cols.	Available Inscription	Colour
1035 9115 1035 9123	2 cols. 3 cols.	Bridge Keytops : Order on Form 2836 only. Specify, Engraving Required or Plain.	Ivory 303 on Brown 108
1035 9107	For OCK's 5-0 and 6-0	Bridge Keytop, used in column O marked 'Account No.'	Ivory 303 on Brown 108

Note : Bridged keytops can only be affixed to early round type keytop - use 1062 3262 blank keytops as required.

Keyboard

TOUCH BAR CHART (Plate II-8)



Part Numbers On Next Page

Keyboard

PART NUMBERS (Plate II-8)

Ref.	Part Number	Colour	Marked	Description	Screw
1	1016 8342	Brown 100	For special marking	Bar no. 2 - Series P400	
2	1016 8367	Brown 100	For special marking	Bar no. 2 - Series P600	
3	1028 2143 1028 2051	Beige Brown		Blank bar, pos. 100 or 101 - Classes 8-9-10, Series P100,200 & 300	1011 2753
4	1028 2135	Brown		Blank bar, pos. 100 - Class 10, V and R	1011 2753
5	1028 2127	Beige		Blank bar, pos. 102, clearance notch for 1035 7077 slide - Class 10	1011 2753
6	1028 2069	Brown		Blank bar, pos. 102 Class 10	1340 4389
7	1016 8326	Brown	For special marking	Bar. No. 1- Series P400 P600	
8	1021 2223 1011 3264	Beige Grey	For special marking	Blank bar; pos. 3-0, Class 9	
9	NOT AVAILABLE				
10	1016 8334 1218 6227 1224 6104	Brown 100 Grey 225 Grey 241	+	Bar no. 2 - Series P400 and P5000, length 4½"	
11	1016 8359 1218 6243 1224 6120	Brown 100 Grey 225 Grey 241	+	Bar no. 2 - Series P600, P5000 & P9000, length 3"	
12	1028 2036 1011 3223 1215 6311 1219 7695	Brown Beige Black 807 on Grey 225 Grey 220 on Grey 225	+	Bar pos. 101- Class 9 Elec. Series P200,1000,2000 Series P2000 Restyled - Plastic case	1011 2753
13	1028 2077 1028 2085	Brown Beige	+	Bar, pos. 101 - Class 10	1011 2753
14	1016 8318 1218 6235 1224 6112	Brown 100 Grey 225 Grey 241	−	Bar no. 1 - Series P400 P600,P5000 & P9000	
15	1028 2093	Brown	−	Bar pos. 102 - Class 9 Hand before B92715	1340 4389
16	1011 3231 1028 2044 1215 6295 1812 9684	Beige Brown Black 807 on Grey 225 Grey 220 on Grey 225	−	Bar pos. 102 - Class 9 Elec. Series P200, P1000 & P2000 Series P2000 - Re styled in plastic case	

Part Numbers Continued On Next Page

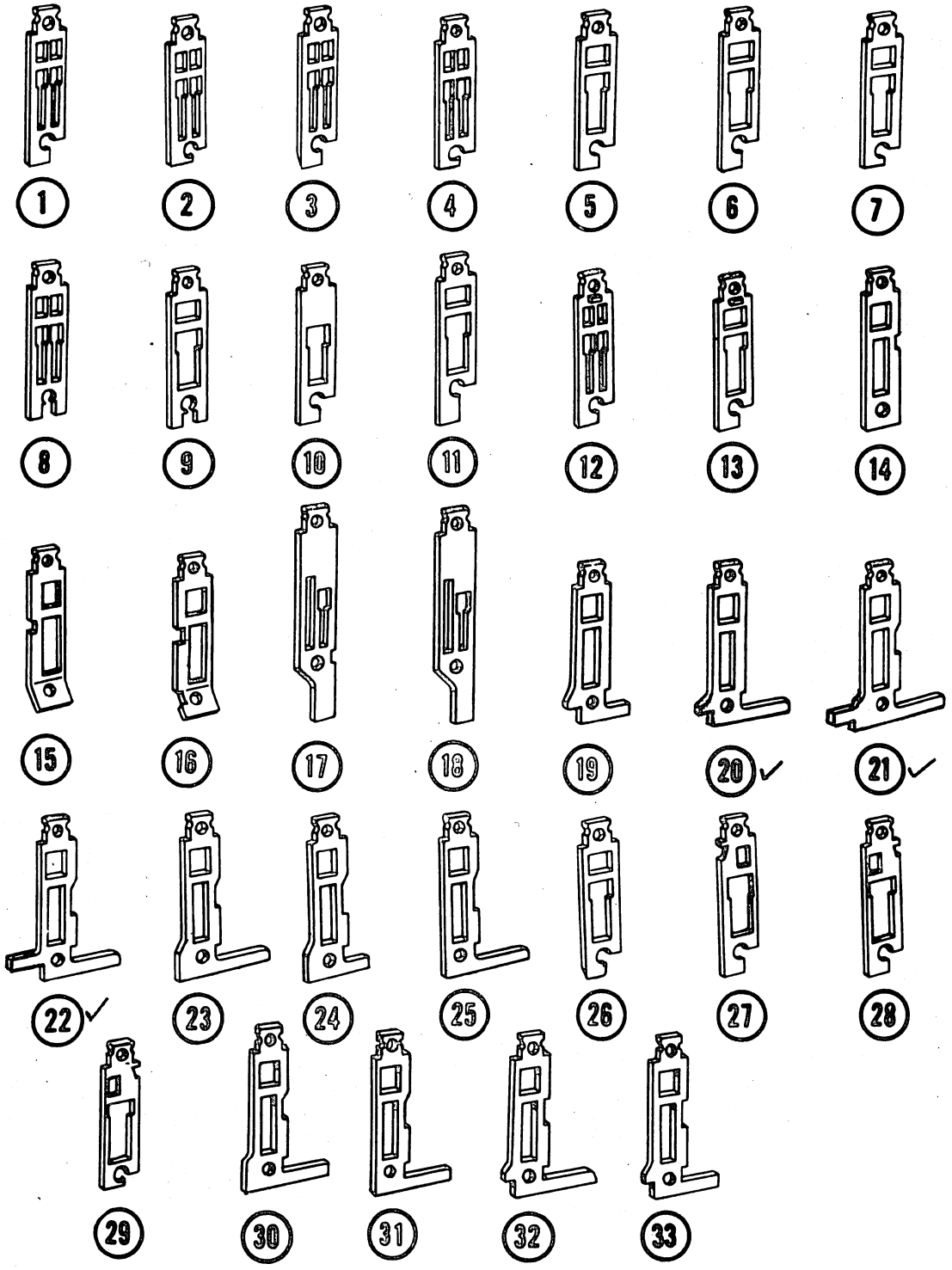
Keyboard

PART NUMBERS (Plate II-8) - Continued

Ref.	Part Number	Colour	Marked	Description	Screw
17	1011 3256 1011 3249 1215 6303 1224 4943	Grey Beige Black 807 on Grey 225 Grey 220 on Grey 225	—	Bar, OCK 3-0, Class 9 Series P200, P1000 and P2000 Series P2000 - Restyled in plastic case	
18	1044 9916	Brown 100	↑	Bar no. 3, vertical space, non-tab, Series P600, length 1 15/16"	
19	1016 8383 1218 6268 1224 6146	Brown 100 Grey 225 Grey 241	↑	Bar no. 3, vertical space, non-tab, Series P600 & P9000, length 23/32"	
20	1028 2101 1011 3280	Brown Beige	CASH OUT	Bar Pos. 101 - Class 10	1011 2753
21	1011 3181 1011 3199	Brown Brown (blank)	CASH OUT	Bar Pos. 101 - Class 10	1010 3836
22	1011 3207 1011 3215	Grey Grey (blank)	LST	Bar Pos. 101 - Class 10	1010 3836
23	1011 8375 1218 6250 1224 6138	Brown 100 Grey 225 Grey 241	RET	Bar No. 4 vertical space and return - Series P600 and P9000 length 23/32"	
24, 25 and 26 NOT AVAILABLE					
27	1019 9149 1218 6276 1224 6153	Brown 100 Grey 225 Grey 241	SKP	Bar no. 5 skip - Series P600 and P9000, length 23/32"	
28	1019 9156 1218 6284 1224 6161	Brown 100 Grey 225 Grey 241	+	Bar no. 2 - Series P600 and P9000, length 2 1/4"	

Keyboard

KEYSTEM CHART (Plate II-9)



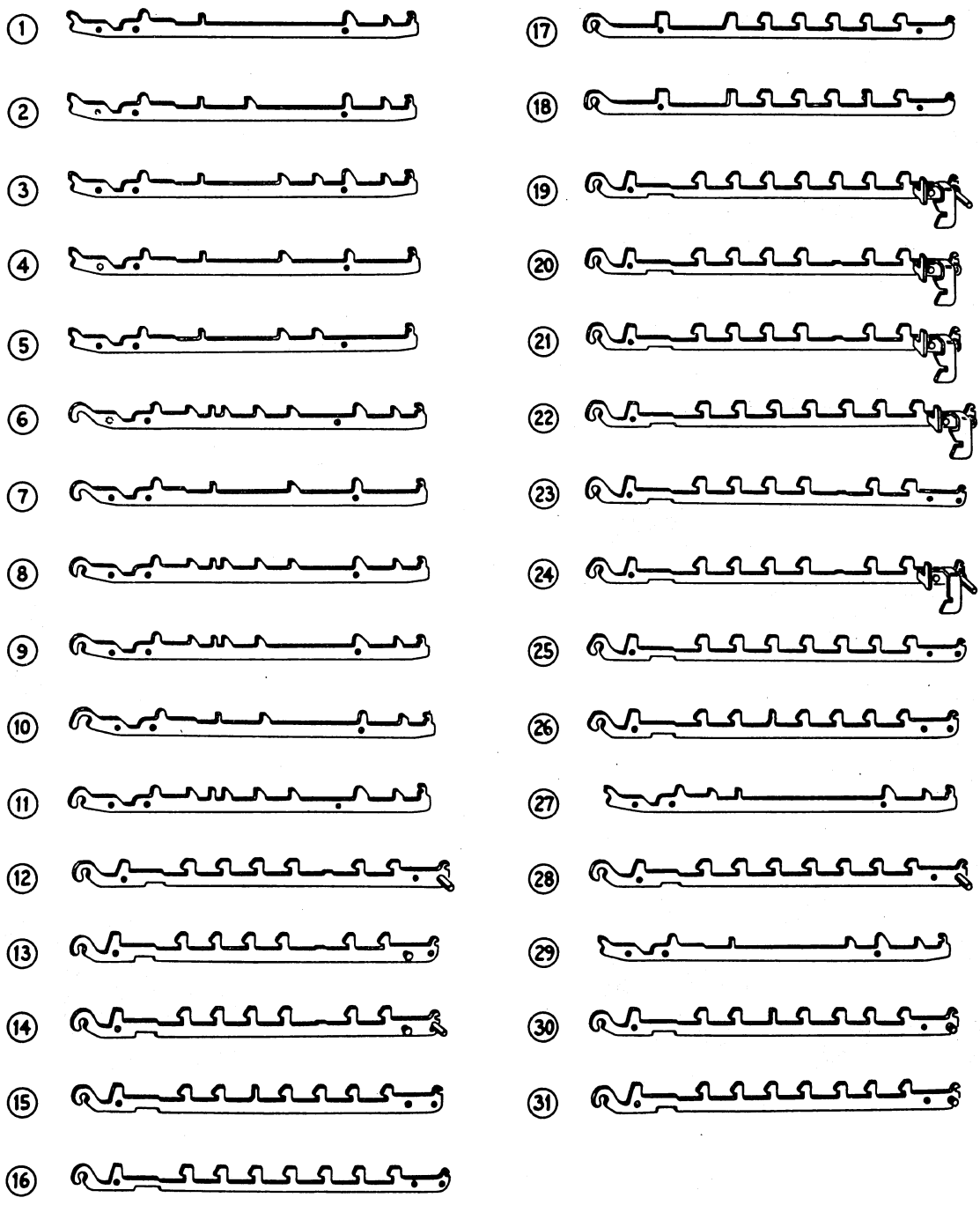
Part Numbers On Next Page

Keyboard

PART NUMBERS (Plate II-9)

Ref.	Part Number	Description	Overall Length
1	1011 6440	Keystem, regular	1.347"
2	1023 1090	Keystem pos. 11 (pence col. where all pence keys are in one column) and "DEC" pos. (where all months keys are in one column) - Series P400, P600 P5000 and P9000	1.272"
3	1016 3335	Keystem (12 pitch cols.) where all keys are in one column; except as for Ref.2 and for position 3 (March) months - Series P400, P600, P5000 and P9000	1.347"
4	1016 3434	Keystem for position 3 (March) where months keys are all in one column - Series P400, P600, P5000 and P9000	1.312"
5	1011 6473	Regular keystem - enforced designation and/or permanent repeat.	1.347"
6	1016 3426	Keystem, used as for Ref. 2 but with enforced designation	1.272"
7	1016 3442	Keystem, used as for Ref. 4, but with enforced designation	1.347"
8	1011 6515	Keystem, character key to control cipher split	1.347"
9	1011 6531	Keystem, positions 6-10, 8-10, Style 910173	1.347"
10	1011 6523	Keystem for releasing keys in permanent repeat column (less than nine keys in col.)	1.347"
11	1011 9568	Keystem, 16th fractions	1.472"
12	NOT AVAILABLE		
13	NOT AVAILABLE		
14	1011 9675	Keystem, error - pos. 4-0; minus balance key - pos. 7-0	1.417"
15	1011 9758	Keystem, pos. 7-0 (automatic one) class 9 minus balance machines	1.417"
16	1011 9741	Keystem, pos. 7-0, Class 9 minus balance machines with enforced subtotals	1.417"
17	1011 9717	Keystem, error, pos. 1-0	1.794"
18	✓ 1016 3475	Keystem, error, pos. 1-0, Series P400,P600,P5000 and P9000	1.593"
19	1011 9642	Keystem repeat pos. 3-0 or 4-0 Repeat Key to latch down not to operate machine, release from Error Key	1.417"
20	1011 9659	Keystem, positions 3-0, 5-0 and 6-0	1.417"
21	1216 9785	Keystem pos. 8-0, Series P400,P600,P5000 and P9000	1.417"
22	1216 9793	Keystem pos. 9-0, Series P400,P600,P5000 and P9000	1.417"
23	1011 9600	Keystem, positions 4-0, 6-0 and 9-0	1.417"
24	1011 9618	Keystem, multiple cash drawer machines	1.417"
25	1011 9626	Keystem pos. 9-0 Class 9 machines	1.417"
26	1044 4297	Keystem, 12 pitch construction, Series P400, P600 P5000 and P9000 with enforced designation feature; also with pence and/or months keys all in one column	1.347"
27	1016 3285	Keystem, positions 6 or 8, latched down - Series P400, P600, P5000 and P9000	1.347"
28	1016 3293	Keystem positons 1,2,3,4,5,7 and 9 latched down - Series P400, P600, P5000 and P9000	1.347"
29	1044 4305	Keystem pos. 8 & 9, latched down in col. 1 - Series P606	1.272"
30	1023 1082	Keystem, pos. 8-0	1.417"
31	1023 1132	Keystem, pos. 8-0, Class 9 machines	1.417"
32	1053 3487	Keystem pos. 3-0 and 4-0 Shuttle Carriage Machines	1.417"
33	1229 7560	Keystem, pos. 5-0, Shuttle Carriage Machines	1.417"

KEYBOARD STRIP CHART COLUMN "O" (Plate II-10)



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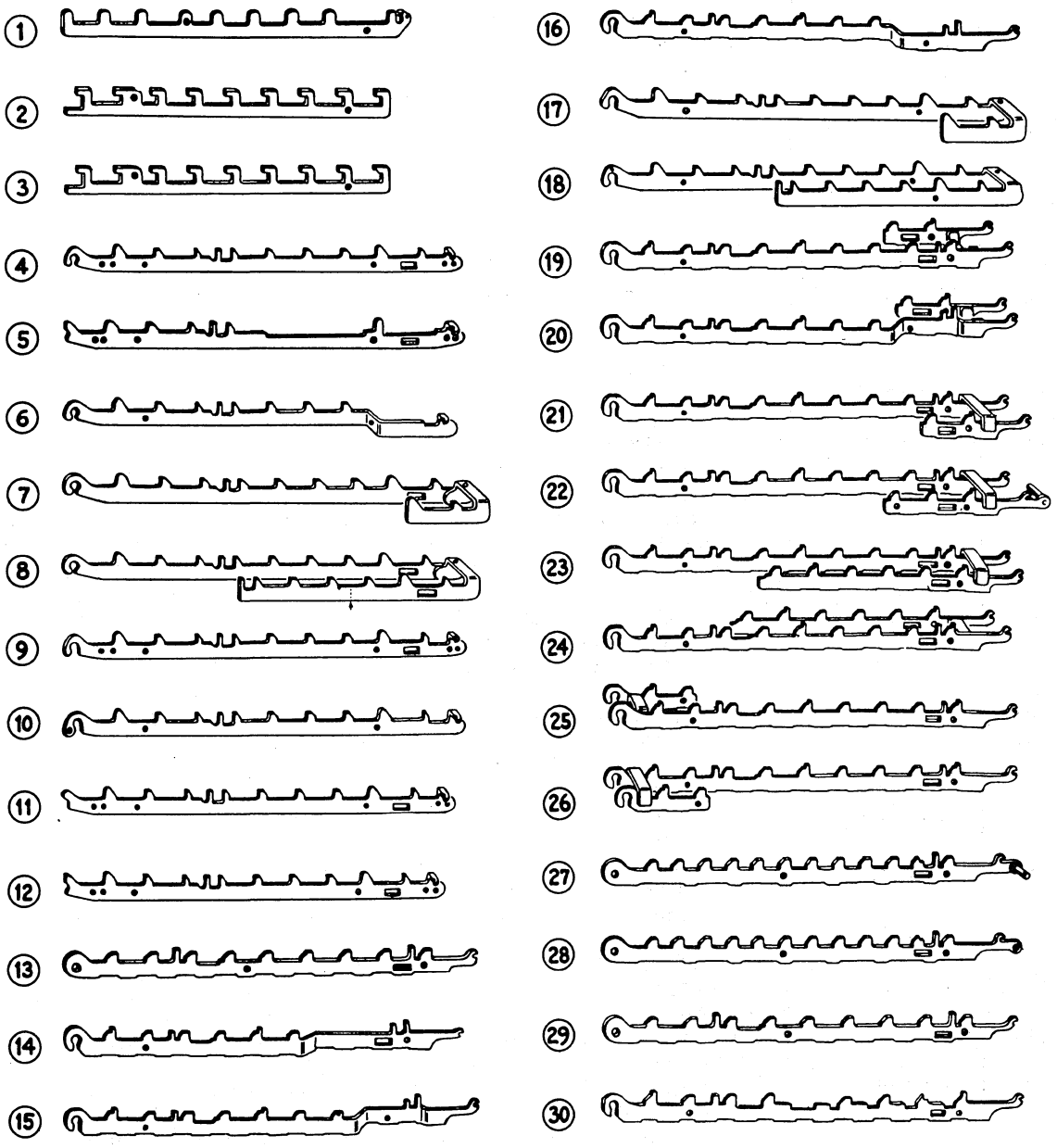
Keyboard

PART NUMBERS (Plate II-10)

Ref.	Part Number	Description
1	1011 4536	Class 10 Machines - enforced designation disabled from OCK's 8-0 and 9-0
2	1011 4577	Class 10 Machines - enforced designation disabled form OCK's 5-0 and 9-0
3	1011 4585	Class 9 Machines - enforced designation disabled from OCK 6-0
4	1011 4601	Class 8 Machines - enforced designation from OCK 6-0 and lock in pos. 7-0
5	1035 3746	Class 9 Machines - enforced designation disabled from OCK 6-0 and from Minus Balance Key
6	1035 3563	Classes 8-9-10 Machines - enforced designation and Error Key in pos. 1-0
7	1035 3720	Class 9, L.S.D. Machines - lock to prevent machine operation from OCK 6-0 with Keys in column 1 through 6 depressed
8	1011 4437	Classes 8-9 Machines - enforced designation disabled from depression of keys in column "O"
9	1035 3738	Class 10 Machines - enforced designation disabled from depression of keys in column "O"
10	1011 4619	Class 10 Machines - prevents operation of OCK 9-0 in any Carriage position other than Pass Book Position no. 2
11	1011 4379	Class 10 Machines - enforced designation disabled from OCK's 4-0 and 5-0, also from Error Key in pos. 1-0
12	1011 4569	Class 10 Machines - OCK 6-0 to repeat keyboard set-up and OCK 5-0 to operate machine with OCK 6-0 previously depressed
13	1011 4452	Class 10 Cash Receipter - with lock for Total Keys
14	1035 3670	Classes 8-10 Machines - OCK 6-0 to repeat items and Motor bar to lock keyboard
15	1011 4429	Classes 8-10 Machines - live repeat key OCK 5-0 Classes 8-10 Machines - live repeat key OCK 5-0 and lock in pos. 7-0. Trim lug in pos. 7-0
16	1011 4395	Classes 8-9, Series P200, P1300, P2200 Machines - without minus bar in pos. 3-0 and with locked repeat key in pos. 5-0
17	1035 3381	Classes 8-9-10 Machines - error key in pos. 4-0
18		NO LONGER AVAILABLE
19	1035 3621	Class 10 Machines - Motor Bar to lock keyboard
20	1011 4460	Class 10 Machines - OCK 6-0 to lock keys against depression and OCK's 4-0 or 5-0 to operate machine when OCK 6-0 is previously depressed
21	1011 4486	Class 10 Machines - OCL 51 and live OCK 5-0
22	1049 9127	Class 10 Machines - enforced designation and keys locked against depression, except OCK 5-0
23	1011 4478	Classes 8-10 Machines - locked repeat key pos. 7-0
24	1011 4494	Series P300 and P2300 machines
25	1011 4627	Series P100, P200, P2100 and P2200 machines - locked repeat key in pos. 5-0
26	1011 4635	Series P100, P200, P2100 and P2200 machines - line repeat key in pos. 5-0
27	1011 4643	Class 10 machines - enforced designation disabled from OCL 51, OCK's 3-0, 8-0, 9-0 and from lock in position 7-0
28	1011 4650	Class 10 Three Register Machines - lock in pos. 2-0 to lock OCK 9-0 (reg. "A" total)
29	1011 4668	Class 10 Three Register Machines - enforced designation disabled from OCK 7-0, 8-0 and 9-0
30	1016 2642	Series P400, P600, P5000 and P9000 machines - live Repeat Key in pos. 5-0
31	1044 4222	Series P400, P600, P5000 and P9000 Machines - locked Repeat Key in pos. 5-0

INDEXING AND PERMANENT STRIP CHART (Plate II-11)



Part Numbers On Next Page

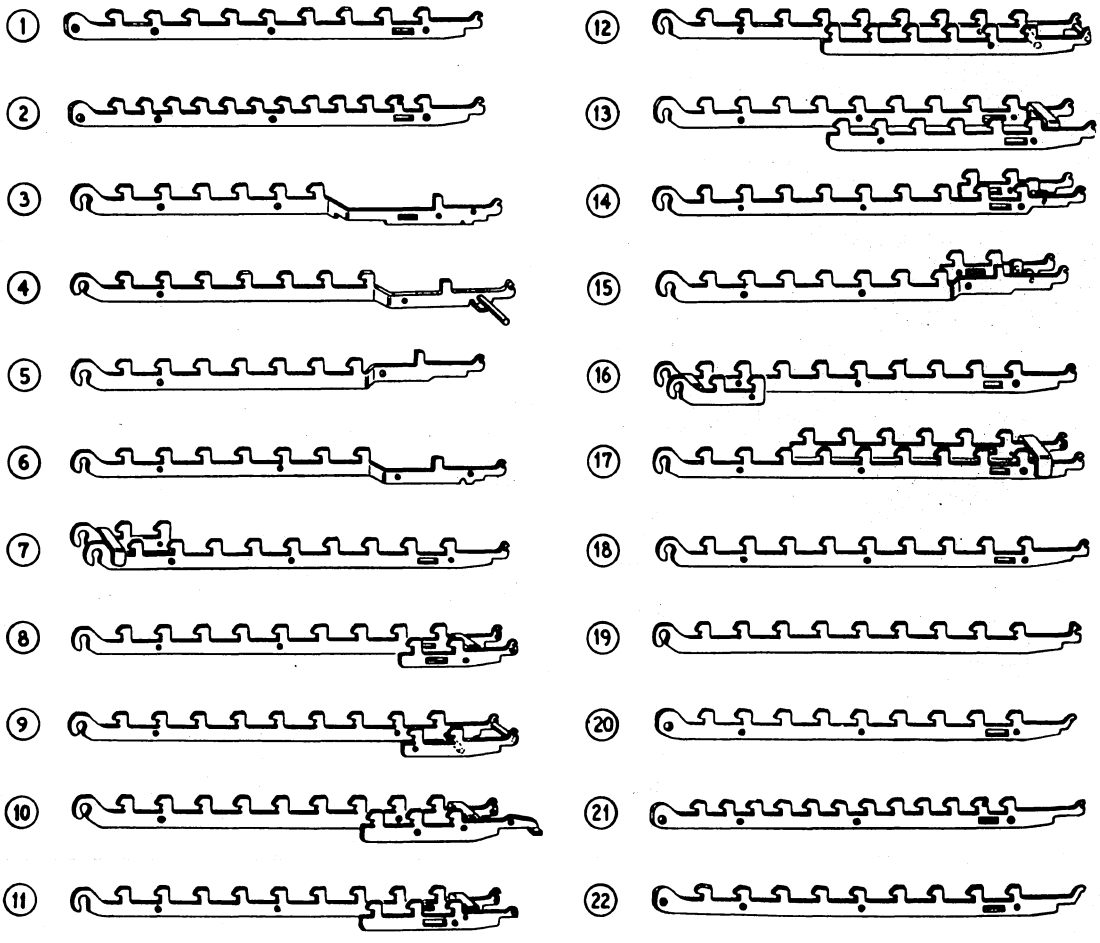
Keyboard

PART NUMBERS (Plate II-11)

Ref.	Part Number	Description
Ref. 1, 2 and 3 - NO LONGER AVAILABLE		
4	1035 3373	Enforced designation, single column - Keyboards nos. 1-3-4
5	1035 3712	Enforced designation, column 10, from OCK's 1 thru 4 - Class 9 machines
Ref. 6, 7 and 8 - NO LONGER AVAILABLE		
9	1011 4387	Enforced designation in two or more columns with key depressed in each column
10	1035 3548	Enforced designation in two or more column - Early Construction
11	1011 4502	Enforced disignation, double bail construction, for result key column "O"
12	1011 4510	Enforced, double bail construction, with one key in two or more columns depressed as desired
13	1011 4296	Standard construction for all styles of machines - Keyboard nos. 3, 4 and 5 - not used in col. O and months
14	1011 4288	Date column, calendar feature - Keyboard Nos. 3 and 4
15	1011 4262	Tens of shillings column - full capacity keyboard (L.S.D.)
16	1011 4189	Farthings column - Keyboards nos. 3 and 4 (L.S.D. and F.)
17	1035 3233	Enforced designation with 1/12 fractions - Keyboard nos. 3 and 4
18		NO LONGER AVAILABLE
19	1011 4213	Pence column - full capacity keyboard (L.S.D.)
20	1011 4270	Unit shillings column - full capacity keyboard (L.S.D.)
21	1011 4239	Pence column 1/12 fractions - Keyboard Nos. 3 and 4
22	1011 4221	Months column, calendar feature - Keyboard Nos. 3 and 4
23	1011 4247	Indian currency, columns 2 and 3 - Keyboard Nos. 3 and 4
24	1035 3274	Fractions 1/12 and 1/16 (Column 1, 1/16 fractions)
25	1011 4254	Indian currency, columns 1 and 2 - Keyboard Nos. 3 and 4
26	1035 3266	Fractions 1/12 and 1/16 (Column 3, 1/12 fractions)
27	1016 2683	Months column, calendar feature (keyboard) - Keyboard Nos. 4 and 5 - Series P400, P600, P5000 and P9000
28	1016 2667	Pence and farthings columns (Col. 1 for L.S.D., Cols. 1 and 2 for L.S.D. and F.) - Keyboard No. 4
29		See Ref. 13
30	1022 8849	Column O - Keyboard No. 5 - Used on machines after P362953D and P173915S - Series P600, P5000 and P9000 machines Use 1022 8849 strip (Col. O), 1023 4201 index bar (Col. OO) in machines before P362954D and P173914S

Keyboard

KEYBOARD LOCKING STRIP CHART (Plate II-12)



Part Numbers On Next Page

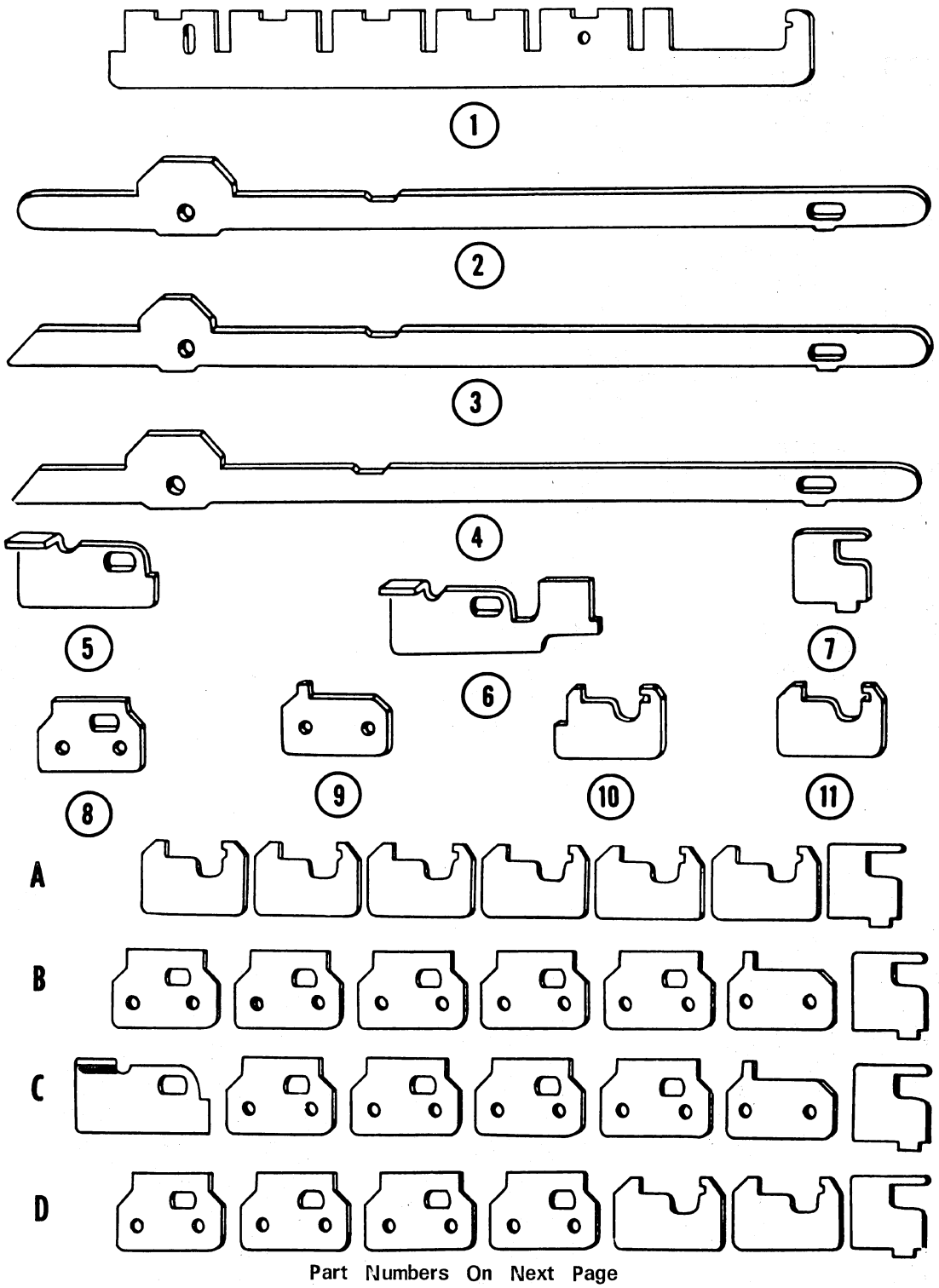
Keyboard

PART NUMBERS (Plate II-12)

Ref.	Part Number	Description
1	1011 4122	Standard construction for all regular columns, except col. 0 - all machine styles
2	1016 2600	Keyboard calendar feature, 12 keys in one column, col. 1 and/or 13 - keyboard no. 4 - Series P400 and P600
3	1011 4155	Keyboard calendar feature, for col. 9 - keyboard nos. 3 and 4 - Classes 8-9-10 machines
4		NO LONGER AVAILABLE
5	1011 4080	Ten shillings column (L.S.D.) - full capacity keyboard
6	1011 4064	Farthings column - keyboards 3 and 4
7	1011 4049	Indian currency, col. 1, 1/2 fractions - keyboards nos. 3 and 4
8	1011 4023	Fractions 1/12, col. 10 - keyboards nos. 3 and 4
Refs. 9 and 10 - NO LONGER AVAILABLE		
11	1011 4056	Calendar feature, col. 10 - keyboard nos. 3 and 4
12		NO LONGER AVAILABLE
13	1011 4031	Indian currency, for Col. 3, 1/16 fractions - keyboards nos. 3 and 4
14	1011 4114	Pence column (L.S.D.) - full capacity keyboard
15	1011 4106	Unit shillings column (L.S.D.) - full capacity keyboard
16	1035 3787	Fractions 1/12 and 1/16, 1/12 fraction in col. 1 - keyboard nos. 3 and 4
17	1035 3803	Fractions 1/12 and 1/16, 1/16 fractions in col. 1 - keyboard nos. 3 & 4
18	1011 4007	For keyboard nos. 1-2-3, Classes 8-9-10 machines
19		Use Ref. 18 and 1011 5038 rocker arm
20		See Ref. 1
21	1016 2659	Column 13; 12 characters in a single column - Series P600 and P9000 machines
22	1016 2717	Columns 12, 11 and 10; 9 characters in a single column - Series P600 and P9000 machines

Keyboard

CONTROL KEY INTERLOCKS (Plate II-13)



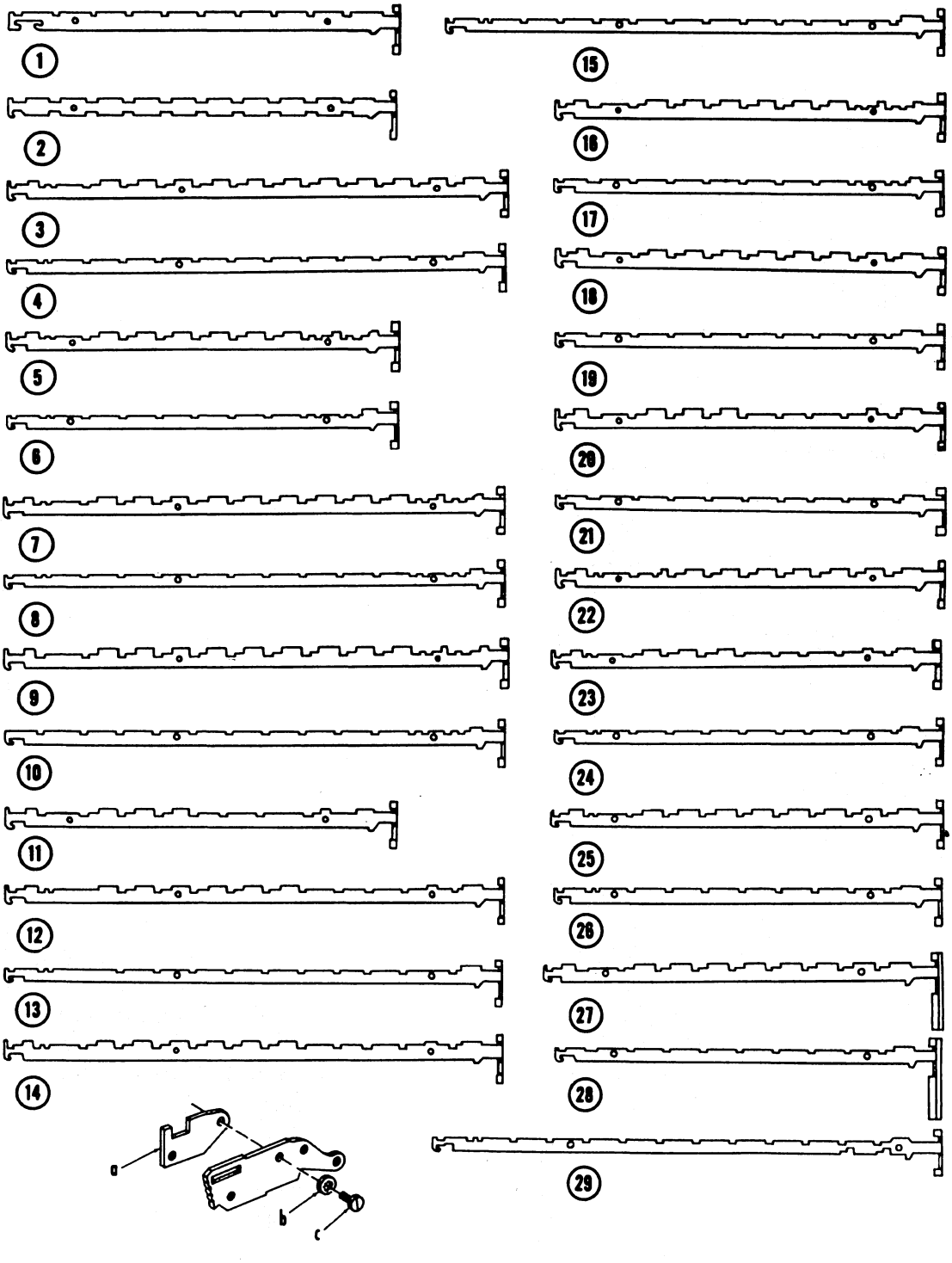
Part Numbers On Next Page

Keyboard

PART NUMBERS (Plate II-13)

Ref.	Part Number	Description
1	1011 3991	Spacing strip for column O
2	1011 3942	Interlock in permanent repeat column, prevents depression of more than one key at the same time- Class 10 machines
3	1016 2568	Sliding interlock in permanent repeat column, prevents depression of more than one key at the same time - Series P400,P5000 machines
4	1022 8781	Interlock used in columns with latched down keys - Series P600 and P9000 machines
Refs. 5 and 6 - NO LONGER AVAILABLE		
7	1011 5111	Rear limit plate, column O, before P437984D
	1029 6010	Rear limit plate, column O, after P437983D
8	1011 3975	Interlock, column O, blocks depression of other result keys when OCK 3-0 is indexed
9	1028 3927	Interlock, column O, Blocks depression of OCK's
10	1011 3967	Interlock, column O. Permits depression of two OCK's simultaneously
11	1011 3983	Interlock, column O. Prevents automatic printing of nines
A	With this interlock arrangement there is no flexibility in col. O. When a key is depressed by mistake in col. O it must be released by the error key.	
B	With this interlock arrangement any other control key in col. O can be indexed to release one already depressed.	
C	This arrangement is only for the single wheel Class 9 (a machine no longer manufactured).	
D	This interlock arrangement illustrates the combination used in machines with "Repeat of Keyboard Set-up".	

"T" STRIP CHART (Plate II-14)



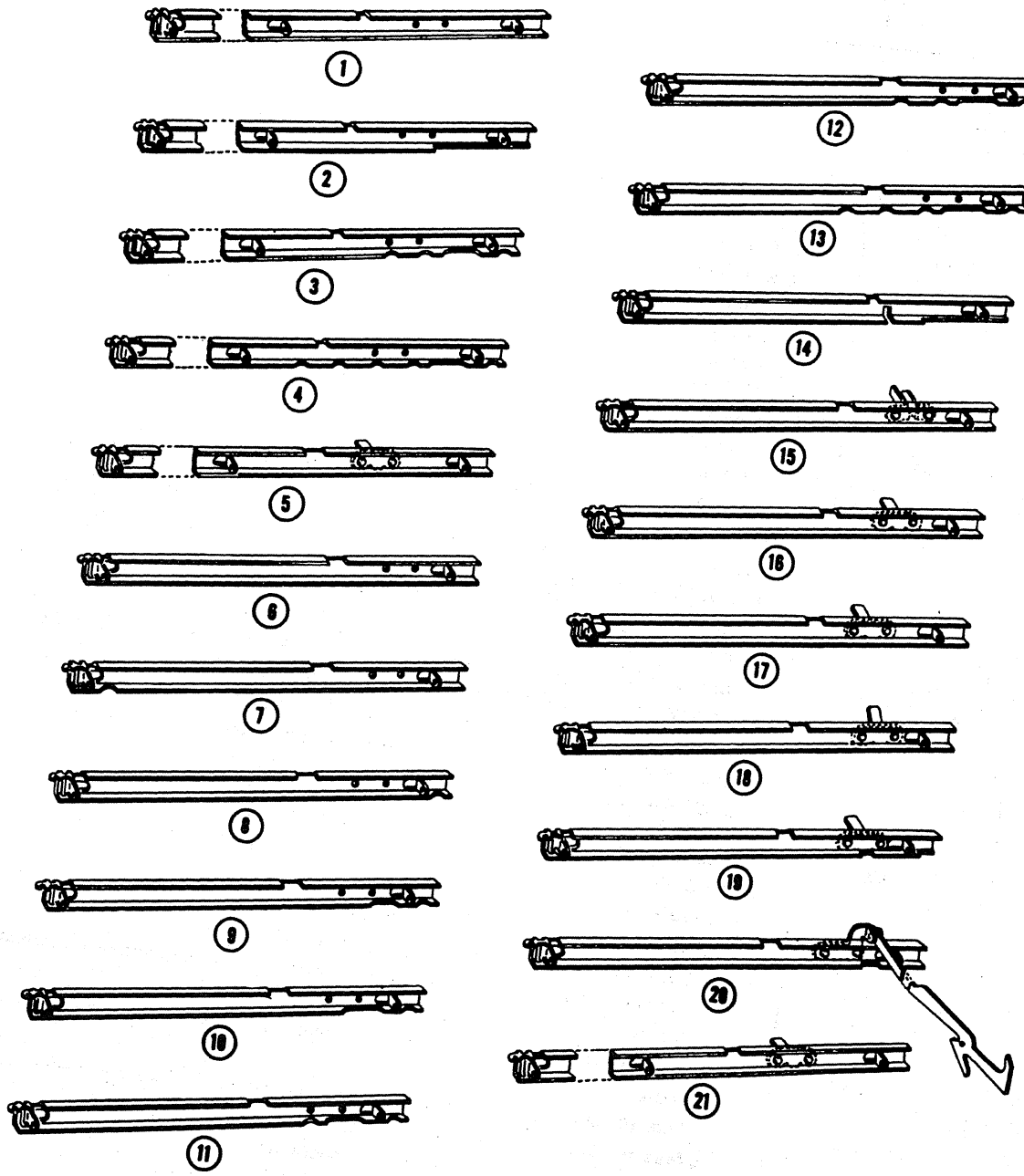
Part Numbers On Next Page

Keyboard

PART NUMBERS (Plate II-14)

Ref.	Part Number	Description
Refs. 1 and 2 - NO LONGER AVAILABLE		
3	1035 6079	13 Column construction, before machine P326497D and P105200S
4	1022 9144	13 Column construction, after machine P326496D and P105199S
5	1035 6129	L.S.D. and F., 10 Column construction - without references a, b and c
6	1022 9201	L.S.D. and F., 10 Column construction - with references a, b and c
7	1035 6095	L.S.D. and F., 13 Column construction - without references a, b and c
8	1022 9219	L.S.D. and F., 13 Column construction - with references a, b and c
9	1035 6087	L.S.D. and F., 13 Column construction with Calendar Feature - without references a, b and c
10	1022 9227	L.S.D. and F., 13 Column construction with Calendar Feature - with references a, b and c
11	1227 6820	L.S.D. and F., 10 Column construction with Calendar Feature and Characters in Column 1 - without references a, b and c
12	1227 6838	L.S.D. 13 Column construction with Calendar Feature - without references a, b and c
13	1022 9235	L.S.D. 13 Column construction with Calendar Feature - with references a, b and c
14	1227 6846	L.S.D. 13 Column construction - without references a, b and c
15	1022 9250	L.S.D. 13Column construction - with references a, b and c
16	1035 6152	L.S.D. and F., Class 10 machines with OCL 51 - without references a, b and c
17	1022 9276	L.S.D. and F., Class 10 machines with OCL 51 - with references a, b and c
18	1035 6145	10 Column construction, Classes 8-9-10 and Series P100,P200,P300,P1000, P2000 and P3000 machines - without references a, b and c
19	1022 9268	10 Column construction, Classes 8-9-10 and Series P100,P200,P300,P1000, P2000 and P3000 machines - with references a, b and c
20	1035 6046	L.S.D. 10 Column construction - without references a, b and c
21	1022 9243	L.S.D. 10 Column construction - with references a, b and c
22	1035 6111	10 Column construction, 12 pitch sector in extreme left column - without references a, b and c
23	1035 6160	L.S.D. Class 10 machines - without references a, b and c
24	1022 9169	L.S.D. Class 10 machines - with references a, b and c
25	1035 6103	10 Column construction with Keyboard calendar feature - without references a, b and c
26	1022 9128	10 Column construction with Keyboard calendar feature - with references a, b and c
27	1035 6186	Class 10, three register machine, before machines P326947D and P150517S
28	1022 9177	Class 10, three register machines, after P326496D and P150516S
29	1016 2808	Series P400, P600, P5000 and P9000 machines
(a)	1016 2402	Guide plate, used on left side of key board, Classes 8-9-10, Series P100, P200, P300, P1000, P2000, P3000, P400, P600, P5000 and P9000
	1016 2410	Guide plate, used on right side of keyboard, Series P400,P600,P5000 and P9000
(b)	1256 7699	Lock washer for screw c
(c)	1012 0210	Screw for guide plate a

CHANNEL BAIL CHART (Plate II-15)



Part Numbers On Next Page

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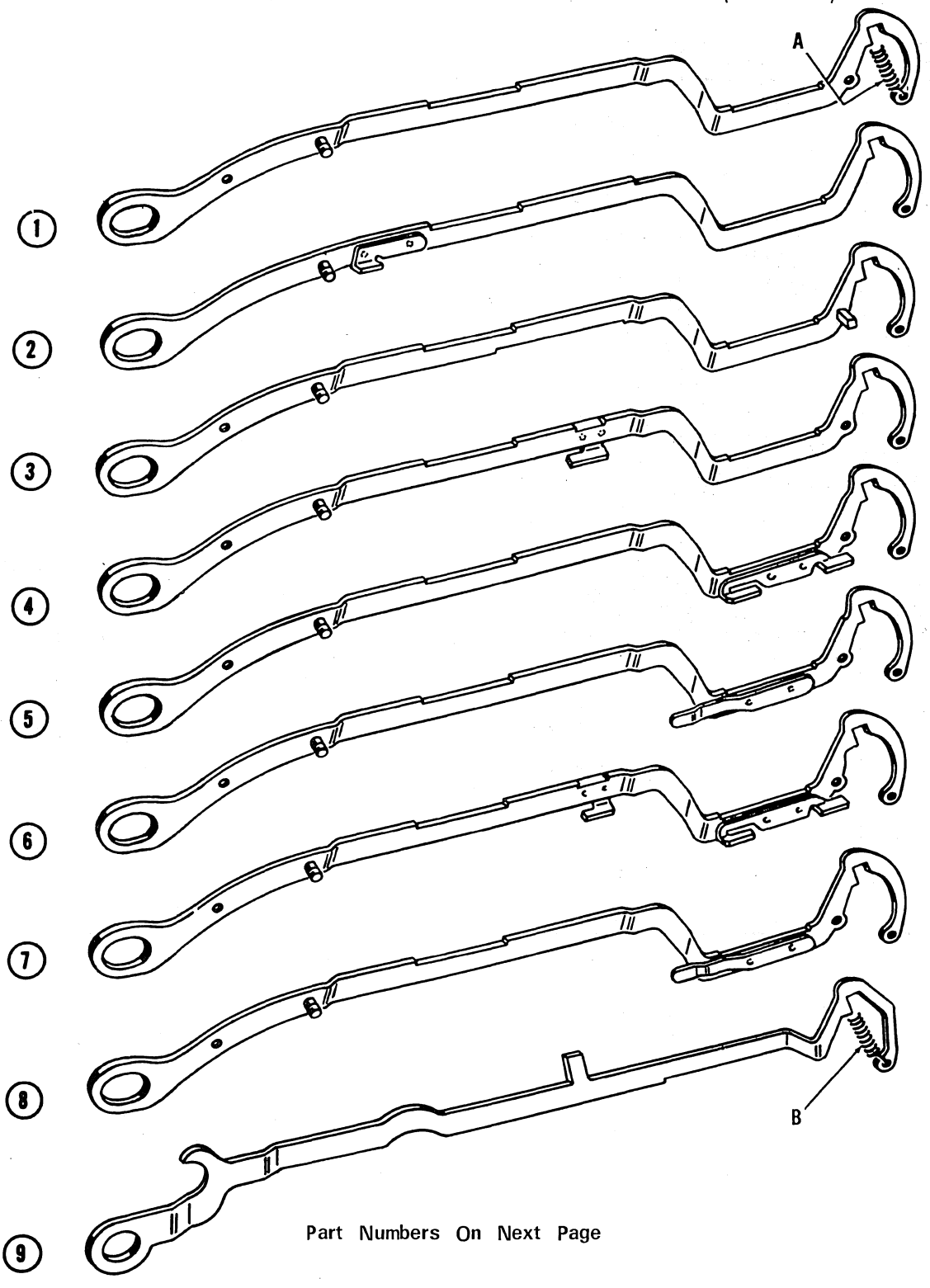
Keyboard

PART NUMBERS (Plate II-15)

Ref.	Part Number	Description
1	1011 4775	Class 9, 13 column; Series P400, P600, P5000 and P9000 machines - regular
2	1011 4866	Class 9, 13 column machines - Calendar feature to print with totals
3	1011 4791	Class 9, 13 column machines- Clearance cut for columns 13, 12 , 11 and 10; permits these columns to print with totals
4	1011 4783	Class 9, 13 column machines - Clearance cut for columns 13, 12, 11, 10, 9 and 8; permits these columns to print with totals
5	1030 0036	Class 9, 13 column machines - Extended totals and normal
6	1011 4809	Classes 8-9-10, Series P100, P200, P300, P1000, P2000 and P3000, 10 col. or less construction - regular
7	1011 4841	Class 10 machines - repeat of characters column 1
8	1011 4817	Class 9 machines - clearance cut for column 10; permits this column to print with totals
9	1011 4833	Class 10 machines - clearance cuts for columns 10 and 9; permits months to print with totals
10	1011 4874	Class 10 machines - clearance cuts for columns 10 and 9; permits these columns to print with totals
11	1011 4858	Classes 8-9-10 machines - clearance cuts for columns 10, 9, and 8; permits calendar feature to print with totals
12	1011 4825	Class 10 machines - clearance cuts for columns 10, 9, 8 and 7 permits these columns to print with totals
13	1011 4890	Classes 8-9-10 machines - clearance cuts for columns 10, 9, 8, 7 and 6, permits these cols. to print with totals
Refs. 14 and 15 - NO LONGER AVAILABLE		
16	1035 4058	Class 9 minus balance machines - rotary calendar feature and extend totals
17	1035 4066	Class 9 minus balance machines - without rotary calendar feature
Refs. 18 and 19 - NO LONGER AVAILABLE		
20	1035 4264	Class 10 machines - clearance cut column 9, permits characters col. 9 to print with totals
21	1022 9037	Series P400, P600, P5000 and P9000 machines - with repeat of Columns feature (such as Cal. Feature and Character columns) - after P362953D and P156268S Use 1022 9037 bail and 1019 5048 lever on machines before P362954D and P156269S

OPERATION CONTROL KEY INTERLOCK LINK CHART (Plate II-16)



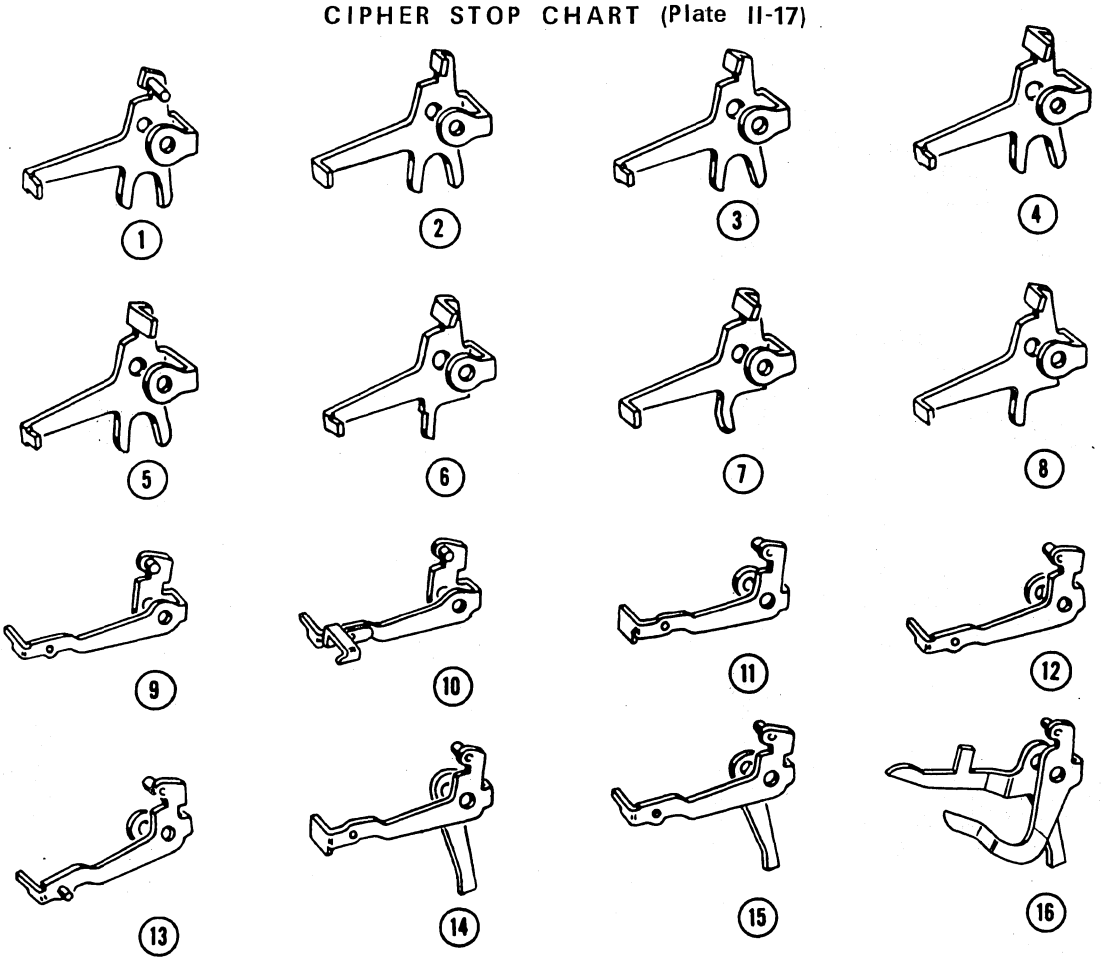
Part Numbers On Next Page

PART NUMBERS (Plate II-16)

Ref.	Part Number	Description
1	1011 4692	Class 8, Series P100 and P1200; Class 9, Series P200, P1300, P2200 without single stroke minus balance; Class 10 machine without OCL 51
2	NO LONGER AVAILABLE	
3	1011 4700	Class 9, Series P1300, P200, P2200, with single stroke minus balance
4	1011 4726	Classes 8-9-10, Series P1000, P2000 and P3000 With OCK 6-0 to non-operate with keys depressed.
5	1011 4734	Class 10, Series P300, P1400, P2300 and P3400, with OCL 51
6	1011 4742	Class 9 minus balance machines
7	1011 4759	Class 10 machines with OCL 51 and OCK 6-0 to non-operate with keys depressed
8	1011 4767	Class 10 machines - three register construction
9	1016 2725	Shown, Series P400 and P600 , before P415254S
	1219 8180	As shown but with one notch at OCK 8-0 position, after P415253S ; Series P400, P600, P5000 and P9000
A	1027 6848	Spring, used on Ref. 1 through 8
B	1012 0327	Spring, used on Ref. 9

Keyboard

CIPHER STOP CHART (Plate II-17)

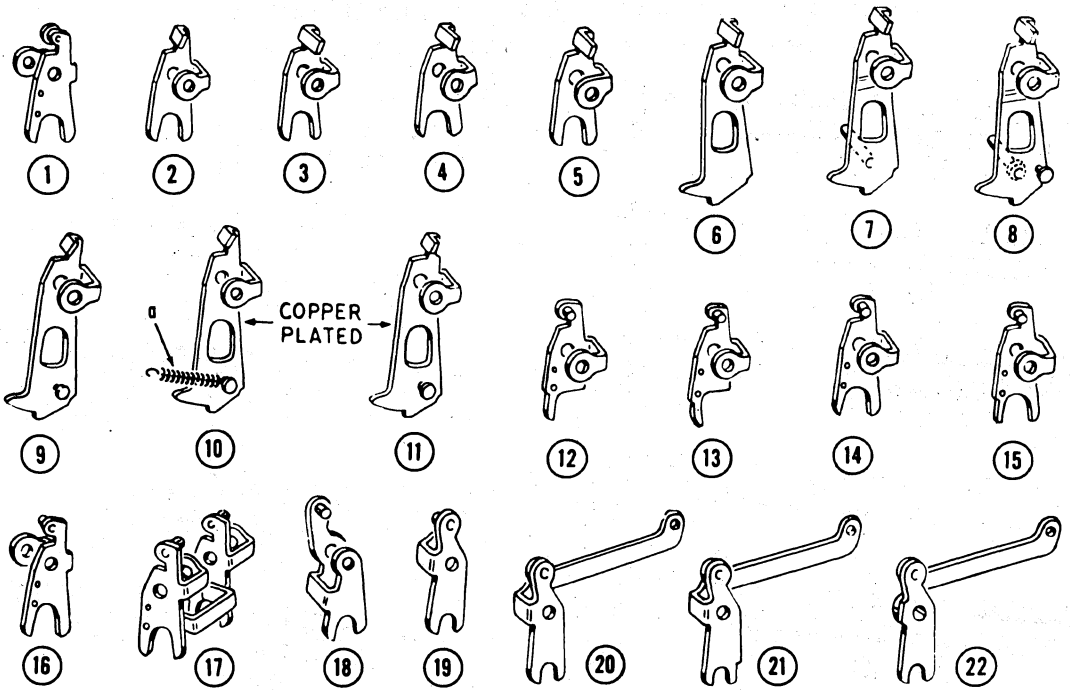


PART NUMBERS (Plate II-17)

Ref.	Part Number	Description
Refs. 1 thru 8 - NO LONGER AVAILABLE		
9	1011 4940	L.S.D. Classes 8-9-10, Shillings and pence columns - keyboards nos. 3 & 4
10	1011 4973	Plus 1 construction, Class 9, column 2 - keyboards nos. 3 & 4, Indian currency
11	1011 4999	Classes 8/9/10, Series P100, P200, P300, P1000, P2000 and P3000 - enforced designation of columns to non-print on totals
12	1011 4940	Keyboards nos. 3 & 4 - regular, except for P400, P600, P5000 and P9000
13	1011 4957	Keyboards nos. 3 & 4, extended totals in reg. B, class 10
14	1022 9110	Keyboard no. 5, Series P400, P600, P5000 and P9000 machines - columns such as calendar, characters, and those to non-print on totals
15	1022 9094	Keyboard no. 5, series P400, P600, P5000 and P9000 machines - regular columns
16	1016 2774	Keyboard No. 5, series P400, P600, P5000 and P9000 machines - column

Keyboard

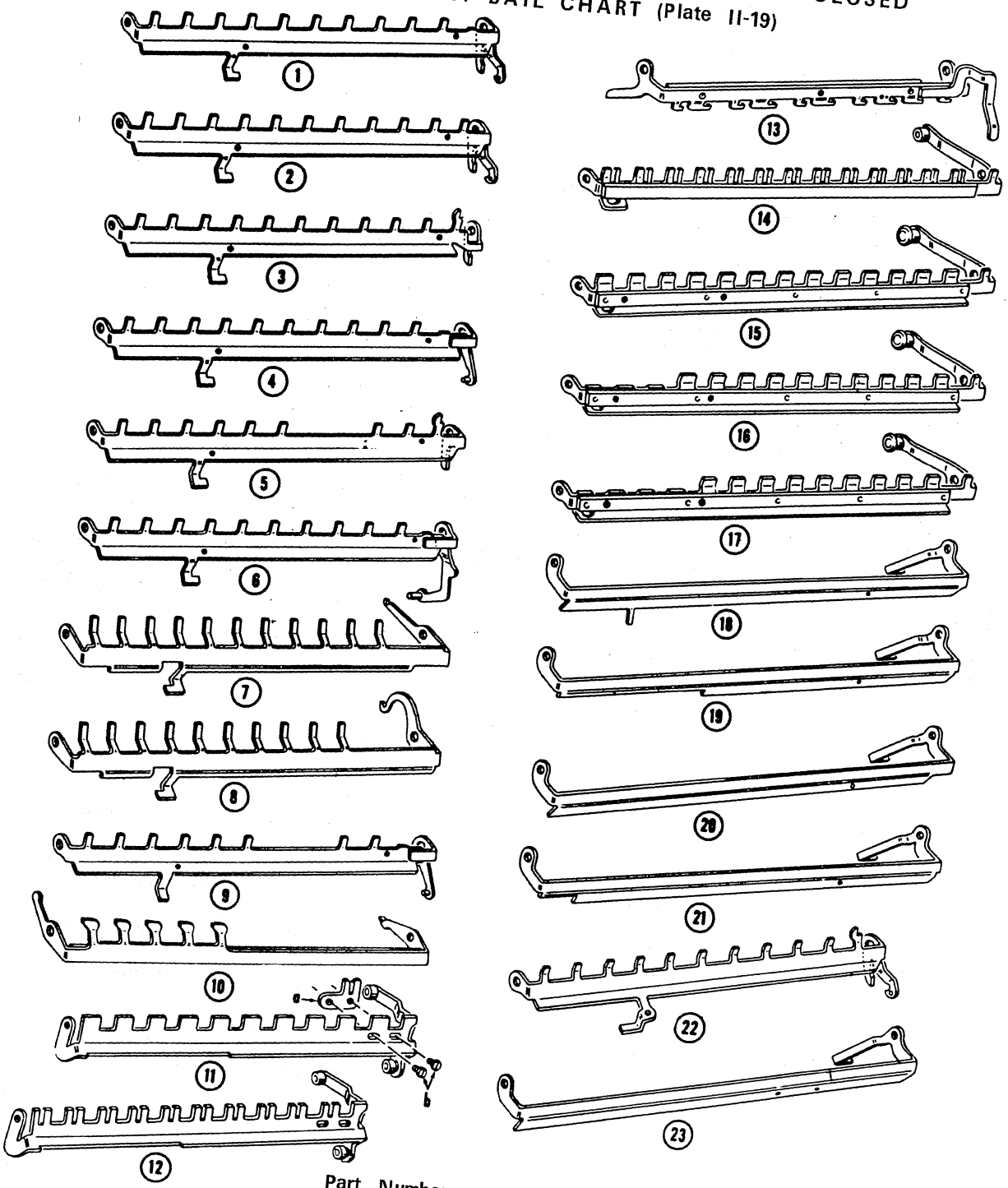
ROCKER ARM CHART (Plate II-18)



PART NUMBERS (Plate II-18)

Ref.	Part Number	Description
Refs. 1 thru 5 -	NO LONGER AVAILABLE	
6		Use Ref. no. 9
7	1016 2758	For col. "O"' - Series P400, P600, P5000 and P9000 machines
8	1016 2766	For col. "O", repeat key to lock down and not operate machine - Series P400, P600, P5000, P9000
9	1011 4908	For col. "O" Classes 8-9-10, Series P100, P200, P300, P1000, P2000 and P3000 machines
10	1011 4916	For col. "O" Keyboard nos. 3 & 4 - prevents wrong results when OCK5-0 is depressed and OCK 6-0 is not fully restored
11	1011 4924	For col. "O" keyboard nos. 3 & 4 - prevents machine operation from motor bar with key in no. 2 position partly turned
12	1011 5087	Cols. 1 through 13, repeat of columns - Keyboards nos. 3 & 4
13	1011 5004	Repeat of column 7 (in particular), leg bent to clear handle break arm of K, Plate II-2 - Keyboards Nos. 3 & 4
14	1011 5038	Regular for Classes 8-9-10, Series P100, P200, P300, P1000, P2000, P3000, P400, P600, P5000 and P9000 machines
15	1011 5095	Used in columns covered by a repeat bail but where keys are required to restore each machine operation - Keyboards nos. 3 & 4
16	1011 5061	Shillings and pence columns - Keyboards nos. 3 & 4
17	1011 5020	Cols. 2 & 3, plus "1" construction, Indian currency - Keyboards nos. 3 & 4
18	1016 2782	Actuating link for Series P400 with carriage controlled keyboard calendar fte.
19	1016 2790	Actuating link for Series P600, P5000 and P9000 machines with front feed cge.
20	1011 5137	Actuating link for Classes 8-9-10, Series P100, P200, P300, P1000, P2000 and P3000 machines
21		NOT AVAILABLE
22	1011 5152	Actuating link - used in Indian currency machines

ENFORCED DESIGNATION, KEY RELEASE AND CLOSED ACCOUNT BAIL CHART (Plate II-19)



Part Numbers On Next Page

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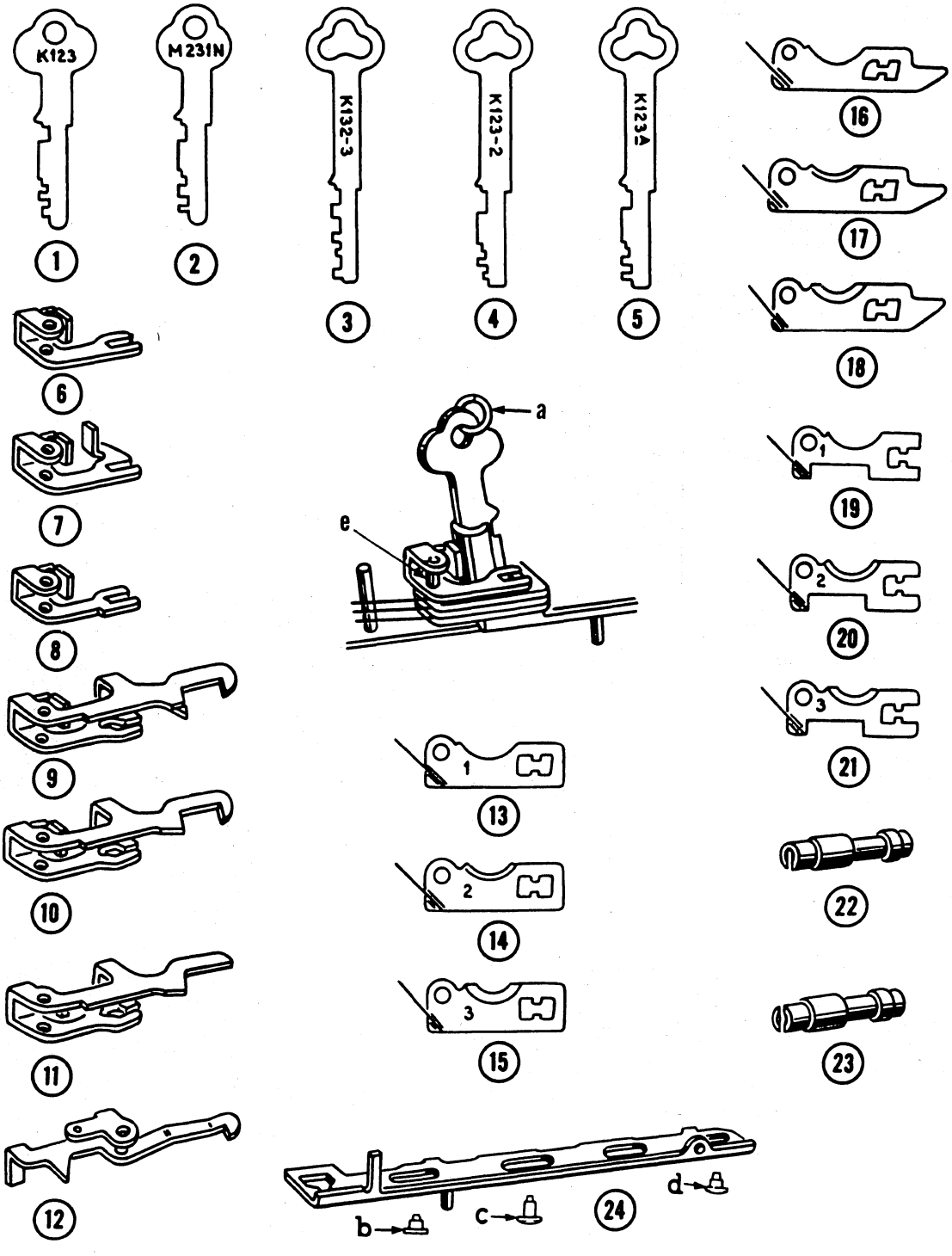
Keyboard

PART NUMBERS (Plate II-19)

Ref.	Part Number	Description
1	1035 6350	Bail for machines with enforced designation and with total keys to release keys in specific columns
2	1011 5244	Regular bail for Classes 8-9-10, Series P100-P200-P300 machines with enforced designation; before P333639D
3	1035 6368	Bail to control enforced designation on machines with 'Plus' and 'Minus' motor bars
Refs 4 and 5 - NOT AVAILABLE		
6	1035 6384	Bail for L.S.D. Machines with enforced designation
7	1011 5269	Bail used with Ref. 6 for group enforced designation
8	1067 8456	Bail for group enforced designation with lock in position 2-0 and 7-0, Class 10 machines
Ref. 9 - NOT AVAILABLE		
10	1011 5251	Bail for Class 8 and 10 machines with enforced designation and repeat of specified cols. of keys to restore from Reg. 1 or Reg. 2 Total Keys
11	1022 9367	Regular, Classes 8-9-10, Series P100, P200, P300, P1000, P2000 and P3000 machines
(a)	1022 3170	Adjusting plate for Ref. 11
(b)	1023 8418	Screws for (a)
Ref. 12 - NOT AVAILABLE, use ref. 11		
13	1023 0050	Cipher limit bail, Series P400 and P5000 with automatic count mechanism
14	1022 9359	Key release bail, Series P400 and P5000 with automatic count mechanism
15	1022 9326	Key release bail (cols. 13 thru 1) Series P400, P500, P5000 and P9000 with closed account mechanism and without keyboard calendar feature
16	1022 9334	Key release bail, Series P400 with Calendar Feature and repeat of cols. 13, 12 and 11 (not P461 or P600)
17	1022 9342	Key release bail, Series P461, P600 and P9000, repeat of columns 13, 12, 11 and 10
Refs. 18, 19, 20 and 21 - OBSOLETE - use ref. 23 and 1022 9110 cipher stop as required in repeat cols.		
22	1022 9318	Bail for Classes 8 and 10, Series P100, P300, P1000 and P3000 machines with enforced designation
23	1023 0043	Closed account bail for Series P400, P600, P5000 and P9000 machines

LOCK CHARTS, FOR POSITIONS 2-0 AND/OR 7-0 (Plate II-20)



Part Numbers On Next Page

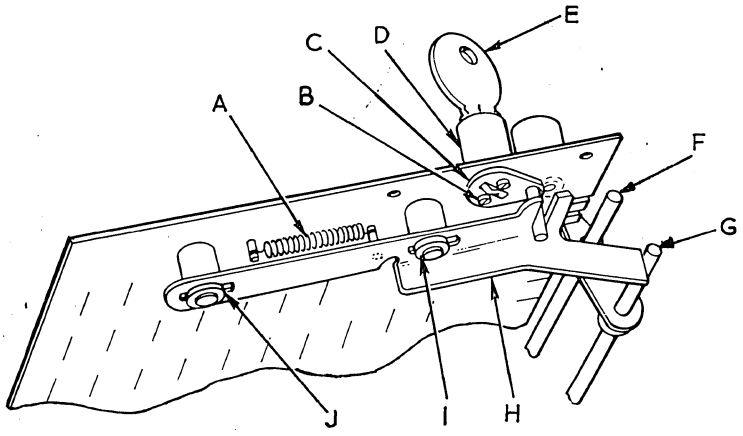
Keyboard

PART NUMBERS (Plate II-20)

Ref.	Part Number	Description
1	1046 1648	Stamped K123, Key for lock position 2-0 and /or 7-0 early construction. Class 10 with single motor bar
2		Keys for lock in position 2-0 to disable register B when in unlocked position
	1011 6275	Stamped M231N
	1035 7879	Stamped M232
	1011 6283	Stamped M231X, keystem with plastic knob
	1035 7598	Stamped M231X, keystem without plastic knob
	1016 1966	Plastic knob for keystem stamped M231X
3	1011 6325	Stamped K123-3 Key for lock in position 7-0 for locking OCK's 8-0, 9-0 and motor bar
4		Keys for lock in position 7-0 for locking and unlocking motor bar
	1011 8224	Stamped K123-2
	1035 8281	Stamped K223-2
	1035 8257	Stamped K123-2
	1035 8265	Stamped K132-5
5		Keys for lock in position 7-0 for locking OCK's 8-0 and 9-0
	1011 6317	Stamped K123A
	1011 6333	Stamped K223A
	1011 6291	Stamped K132A
6	1011 6366	Standard guide for lock in positions 2-0 and/or 7-0
7	1035 8307	Guide for lock in position 2-0 to prevent machine operation
8	1035 8315	Guide for lock in position 7-0 to lock OCK's 8-0 and 9-0 in combination with double motor bar
9	1035 8323	Guide for lock in position 7-0 to lock OCL 51
10	101 1 6374	Guide for lock in position 7-0 for locking and unlocking OCL 51 in combination with double motor bar
11	1011 6382	Guide for lock in position 7-0 to lock OCL 51 in reg. "B" position
12	1035 8349	Interlock for lock in position 2-0 to prevent machine operation
13	1011 6192	Tumbler
14	1011 6200	Tumbler } For lock in positions 2-0 and 7-0
15	1011 6218	Tumbler
16	1011 6226	Tumbler
17	1011 6234	Tumbler } For lock in position 2-0, three register construction
18	1011 6242	Tumbler
19	1035 7507	Tumbler
20	1035 7523	Tumbler } For lock in position 7-0, double motor bar construction
21	1035 7549	Tumbler
22	1012 0285	Cylinder to retain key in unlock position
23	1012 0277	Cylinder to permit key removal in unlocked position
24	1035 7119	Slide to lock motor bar from lock in position 2-0- See Plate II-21 for other styles
(a)	1026 9553	Key ring
(b)	1012 0020	Shoulder stud for 1011 5889 slide. See Plate II-21
(c)	1015 2734	Shoulder stud for double slide
(d)	1012 0004	Shoulder stud for single slide
(e)	1012 0038	Tumbler pivot stud

Keyboard

LOCKS AND KEYS FOR POSITION 2–11, SERIES P7415 AND P7615 VALIDATING AND RECEIPTING MACHINES (Plate II-20A)



PART NUMBERS (Plate II-20A)

A	**1027 6574**	spring
B	**1256 0124**	screw
C	**1217 3175**	lock arm
D	---- ----	see following chart
E	---------	see following chart
F	**1853 1384**	shaft, used with support F, Plate VII-8-4
G	**1814 5144**	key restoring rack
H	**1217 3167**	interlock slide
I	**1255 3145**	clip, use 1307 0255 washer between clip and slide
J	---- ----	see ref. I

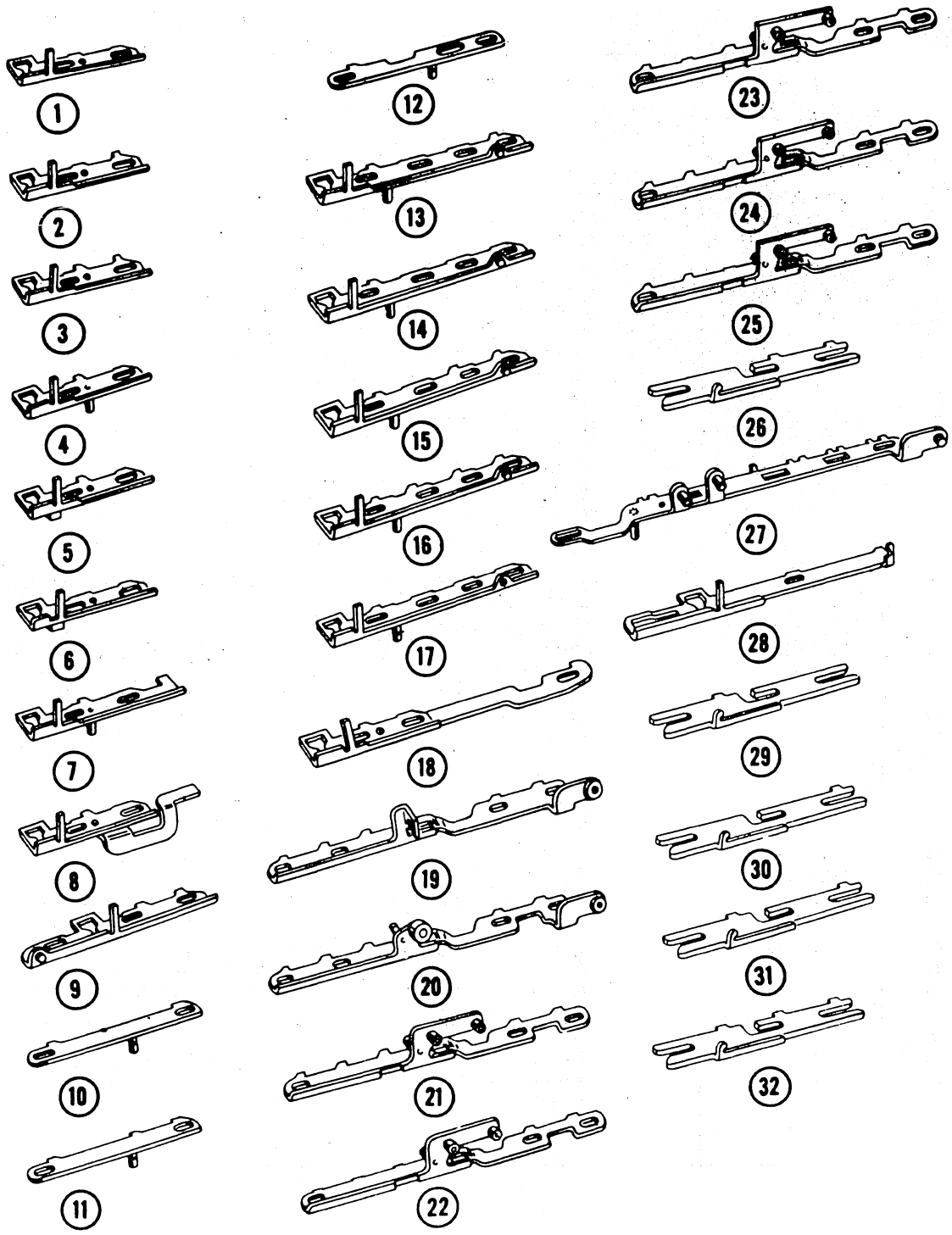
KEY AND LOCK ASSEMBLY CHART

Note : SB series locks are only supplied as an assembly of cylinder D and two keys E
BC series locks and keys are supplied as separate items, subject to availability.

Combination Number	Lock and Keys Assembly No.	Key Number
SB57	1853 0774	1853 3083
SB58	1853 0782	1853 3091
SB59	1853 0790	1853 3109
SB60	1853 0808	1853 3117
SB61	1853 0816	1853 3125
SB62	1853 0824	1853 3133
SB63	1853 0832	1853 3141
SB64	1853 0840	1853 3158
SB65	1853 0857	1853 3166
SB66	1853 0865	1853 3174
SB67	1853 0873	1853 3182
SB68	1853 0881	1853 3190
*S2BC4	1853 4305	1853 4321
2BC4	1023 0563	1023 0829
2BC5	1023 0670	1023 0936
2BC6	1023 0753	1023 1017
2BC7	1023 0761	1023 1025
2BC8	1023 0779	1023 1033
2BC9	1023 0787	1023 1041
3BC0	1023 0795	1023 1058
3BC1	1023 0803	1023 1066
3BC2	1023 0811	1023 1074
3BC3	1023 0571	1023 0837
3BC4	1023 0589	1023 0845
3BC5	1023 0597	1023 0852
3BC6	1023 0605	1028 0860

* **Note** : Lock and Keys of BC(S-BC) combinations which are manufactured by the STREBOR company may be identified by the bright nickel finish and "STREBOR" embossed on the key.

INTERMEDIATE LOCK SLIDE CHART (Plate II-21)



Part Numbers On Next Page

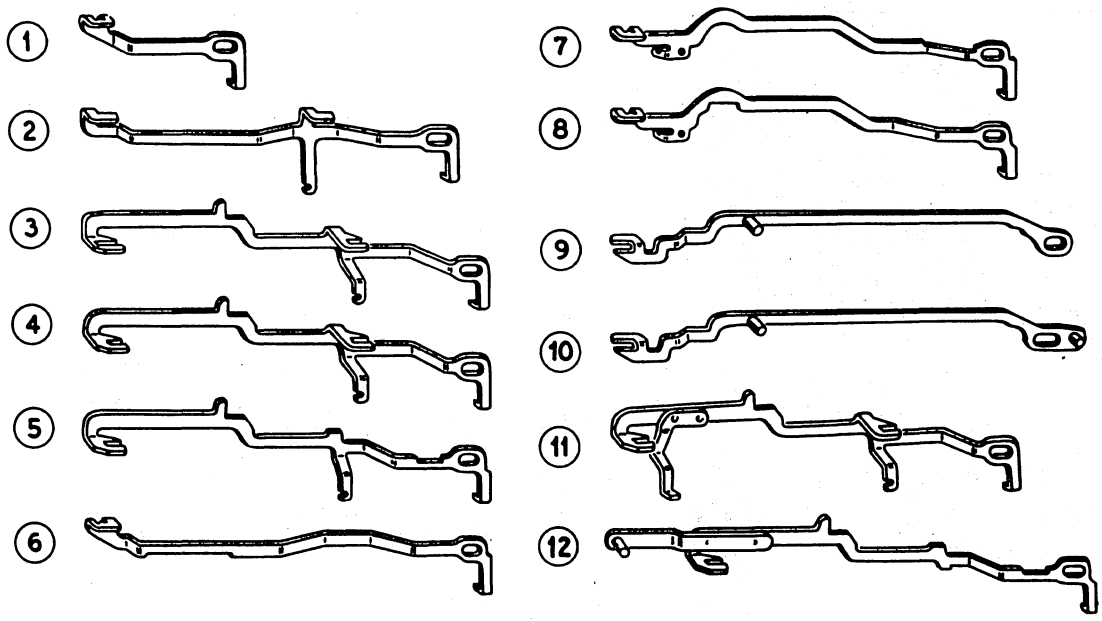
Keyboard

PART NUMBERS (Plate II-21)

Ref.	Part Number	Description
1	1011 5814	Slide to lock OCL No. 51 from lock in position 7-0
2	1011 5905	Slide to lock OCK No. 9-0 from lock in position 7-0
3	1011 6051	Slide to lock total and sub-total or enforced designation from lock in position 2-0 and 7-0
4	1011 6044	Slide to lock enforced designation from lock in position 2-0, Class 10 machines
5		NO LONGER AVAILABLE
6	1035 7226	Slide to prevent machine operation, with enforced designation from lock in position 2-0
7	1035 7069	Slide to lock OCK no. 5-0 from lock in position 2-0
8	1035 7234	Slide to lock motor bar from lock in position 2-0
9	1011 5806	Slide to lock motor bar from lock in position 7-0
10	1011 5863	Slide to prevent depressing OCK No. 4-0 and error key at the same time
11	1011 5921	Slide actuated from OCK No. 6-0 to block OCK's Nos. 1-0, 3-0 and 4-0
12	1011 5947	Enforced use of keys in columns 1 thru 7, disabled from locks in positions 2-0 and 7-0. Class 10 machines
13	1035 7119	Slide to lock motor bar and prevent totaling of register B from lock in position 2-0
14	1035 7127	Slide to lock OCL No. 51 from lock in position 2-0
15	1011 5889	Slide to block OCK's No. 5-0, 6-0 and OCL No. 51 from lock in position 2-0
16	1035 7184	Slide to block depression of OCK's and lock motor bar against depression from lock in position 2-0
17	1011 5962	Slide to block OCK 3-0 and OCL No. 51 from lock in position 2-0
18	1035 7242	Slide to block depression of OCK's No. 8-0 and 9-0 from lock in position 2-0
19	1011 5897	Slide for lock in position 7-0 to permit register B totals
20	1011 5970	Slide for motor bar to block depression of OCK's, Class 10 machines
21	1011 5822	Slide used with light depression motor bars
22	1035 7085	Slide to block depression of OCK's 8-0, 9-0 and OCL No. 51 from depression of motor bars 101 and 102
23	1011 5848	Slide to lock OCK No. 8-0 from lock in position 7-0
24	1011 5830	Slide to lock total keys from lock in position 7-0, Class 10 machines
25	1011 5855	Slide actuated from motor bar to prevent depression of OCK No. 5-0
26	1022 9417	Slide to block depression of OCK's Nos. 8-0 and 9-0 from lock in position 2-0, three register machines
27	1011 6028	Slide actuated from motor bar to prevent depression of OCK's 4-0, 5-0, 6-0, 7-0, 8-0 and 9-0, three register machines
28	1011 6010	Auxiliary slide used with lock slides, reference No. 26, 29, 30 or 31, three register machines
29	1059 1816	Slide to lock OCK No. 7-0 from lock in position 2-0, three register machines
30	1011 6002	Slide to lock OCK No. 9-0 from lock in position 2-0, three register machines
31	1029 5012	Slide to lock OCK's No. 7-0 and 9-0 from lock in position 2-0, three register machines
32	1022 9417	Slide to block depression of OCK's No. 7-0, 8-0 and 9-0 from lock in position 2-0, three register machines.

Keyboard

INTERMEDIATE LINKAGE CHART - FOR LOCK IN POSITION 2-0 AND/OR 7-0 (Plate II-22)

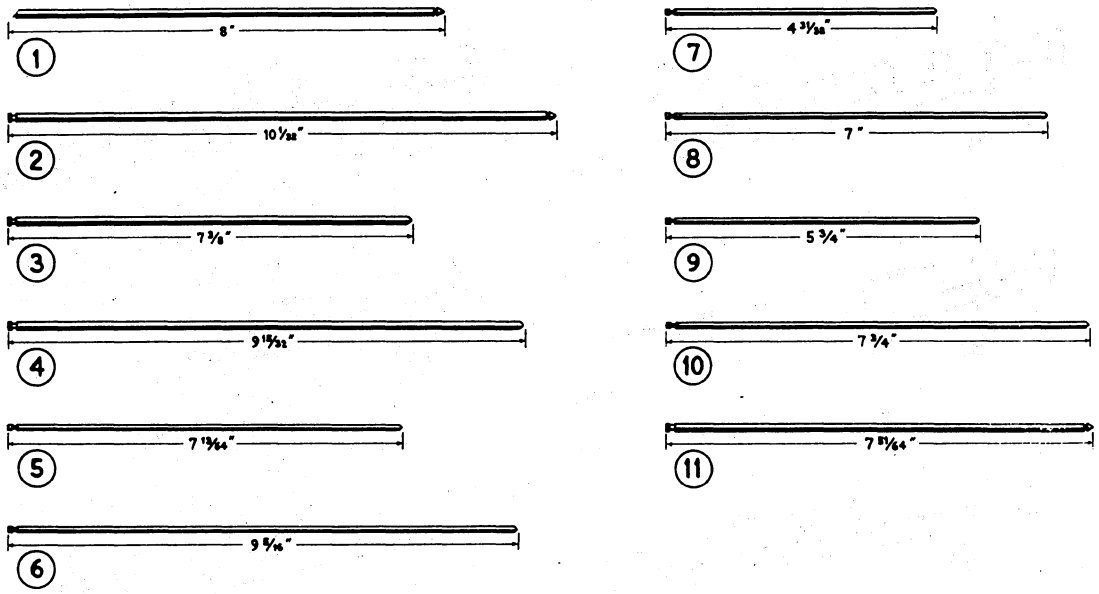


PART NUMBERS (Plate II-22)

Ref.	Part Number	Description
1	1011 5376	Link for lock in position 2-0 normalizing enforced designation, early construction Class 10 machines
2	1035 6509	Link for locks in position 2-0 and 7-0, Class 10 hand machines
3	1035 6475	Link for locks in position 2-0 and 7-0, Class 10 machines to normalise enforced designation
4	1011 5392	Link for locks in position 2-0 and 7-0, Class 8 machines to normalise enforced designation.
5	1011 5426	Link for lock in position 2-0 and with OCL no. 51, Class 10 machines
6	1035 6491	Link for lock in position 7-0, hand machines
7	1035 6517	Link for lock in position 7-0 to operate enforced designation, Class 10 machines
8		NO LONGER AVAILABLE
9	1011 5418	Link for lock in position 2-0, Class 10 machines with double motor bar construction
10	1011 5384	Link for symbol indexing from lock in position 2-0, Class 10 machines
11		NO LONGER AVAILABLE
12	1011 5434	Link for lock in position 7-0 for register "B" totals, Class 10 machines

Keyboard

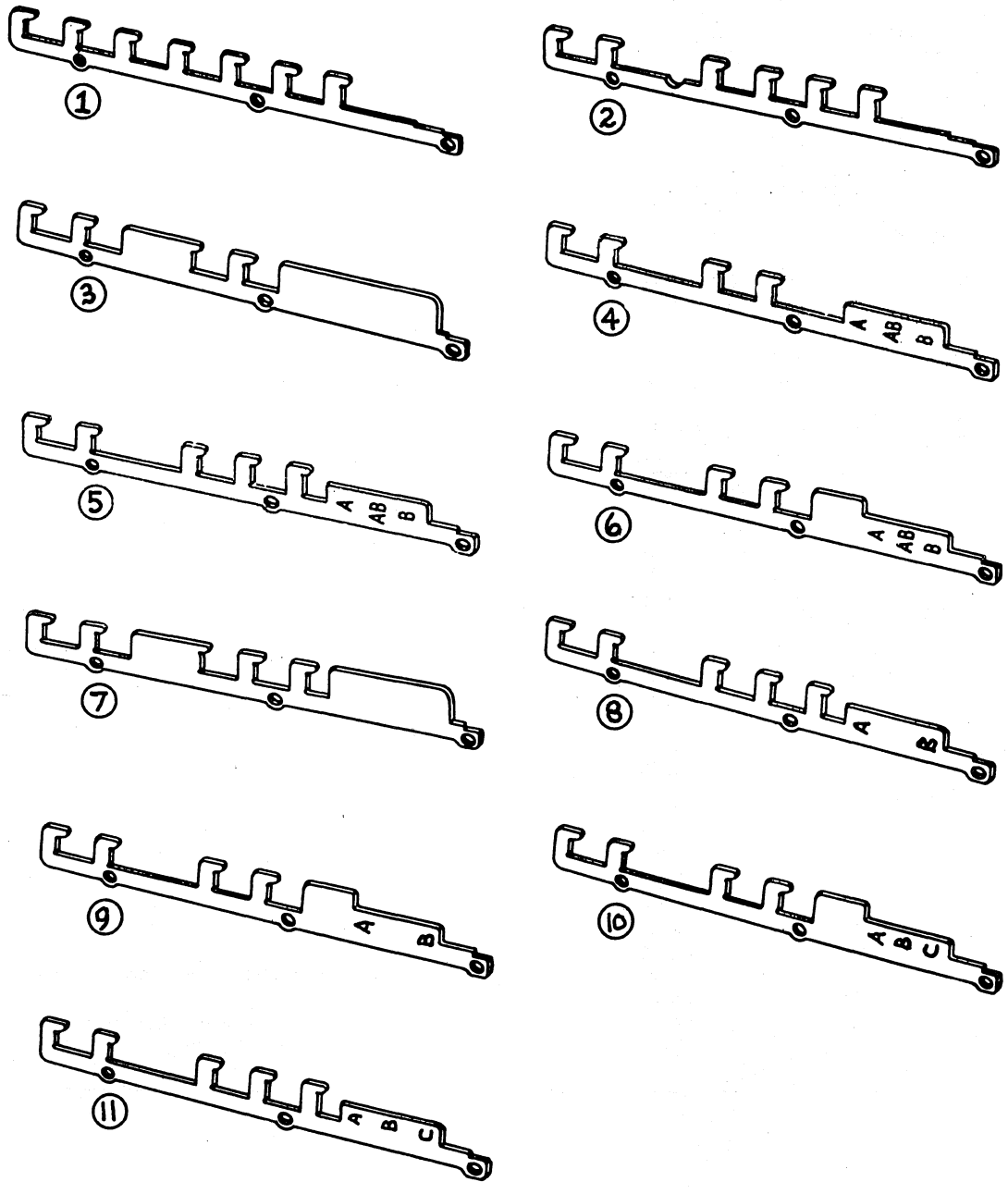
KEYBOARD SHAFT CHART (Plate II-23)



PART NUMBERS (Plate II-23)

Ref.	Part Number	Description
1	Use ref. 11	
2	1011 3413	13 column construction, anchor shaft for interlock in column "O"
3	1011 3421	For 10 column construction, index strip restoring shaft
4	1011 3371	For 13 column construction index strip restoring shaft
5	1011 3439	13 column construction , support shaft for locking and index strip
6	1011 3389	Column construction, support shaft for locking and index strips
7	1011 3447	10 column L.S.D. construction, support shaft for locking and index strips
8	1011 3397	13 column L.S.D. construction, support shaft for locking and index strips
9	1011 3454	10 column L.S.D.&F construction, support shaft for locking and index strips
10	1011 3405	13 column L.S.D.&F construction, support shaft for locking and index strips
11	1011 3462	10 column construction, anchor shaft for interlocks in column "O" after P325299D.

KEYSTEM GUIDES, COLUMN O, SERIES P MACHINES (Plate II-24)

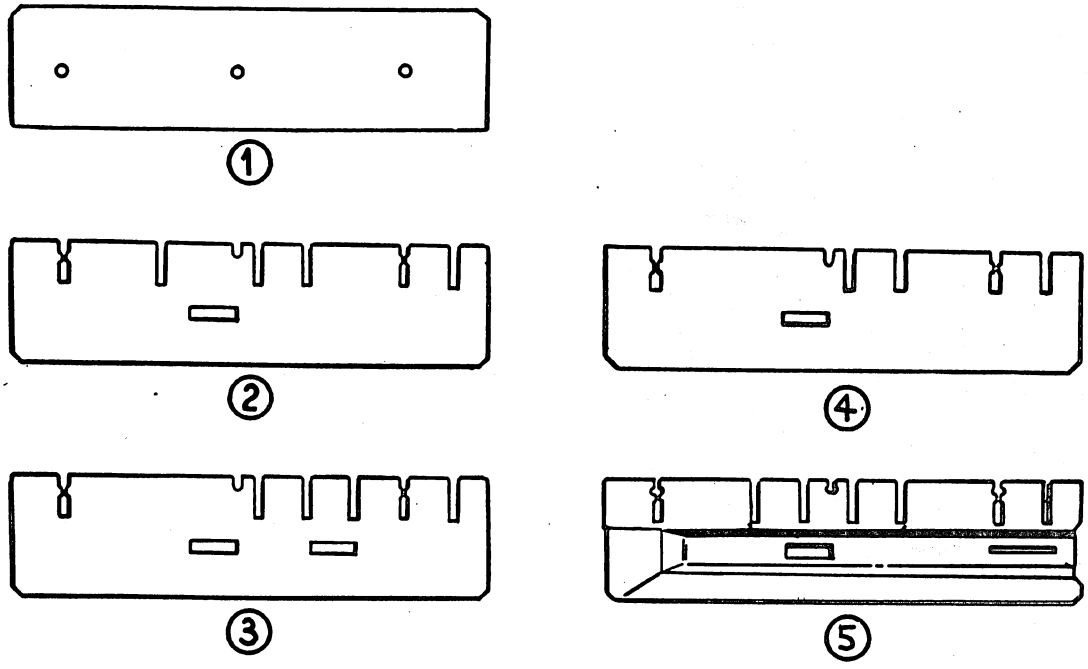


Part Numbers On Next Page

PART NUMBERS (Plate II-24)

Ref.	Part Number	Colour	Marked	For Machine Style
1	1220 8336	Grey 224		Classes 8-9-10, Series P100, P200, P300, P1000, P2000 and P3000
2	1216 3689	Grey 224		As for Ref. 1, but with lock in position 7-0
3	1224 6070	Grey 227		Series P450 and P5328-05; P460 and P5328-10
4	1044 4271	Grey	A-AB-B	Series P400 before P155566D
5	1644 4289	Brown	A-AB-B	Series P600 with OCK 4-0, before P301763D
6	1224 6088	Grey 227	A-AB-B	Series P401 and P5525-01; P402 and P5528-02; P410 and P5525-10; P420 and P5528-10
7	1224 6096	Grey 227		Series P661 and P9044-1; P662 and P9044-2; P663 and P9047-3; P665 and P9044-5
8	1224 6179	Grey 227	A - B	Series P621 and P9064-1; P622 and P9064-2; P623 and P9067-3; P625 and P9064-5; P612 and P9074-1; P613 and P9077-3; P615 and P9074-5
9	1224 6187	Grey 227	A - B	Series P643 and P5525-03; P664 and P5528-04
10	1224 6203	Grey 227	A-B-C	Series P645 and P5725-05; P646 and P5728-06; P681 and P9444-1
11	1224 6195	Grey 227	A-B-C	Series P682 and P9444-2; P685 and P9444-5; P683 and P9447-3; P672 and P9454-2; P675 and P9454-5; P673 and P9457-3

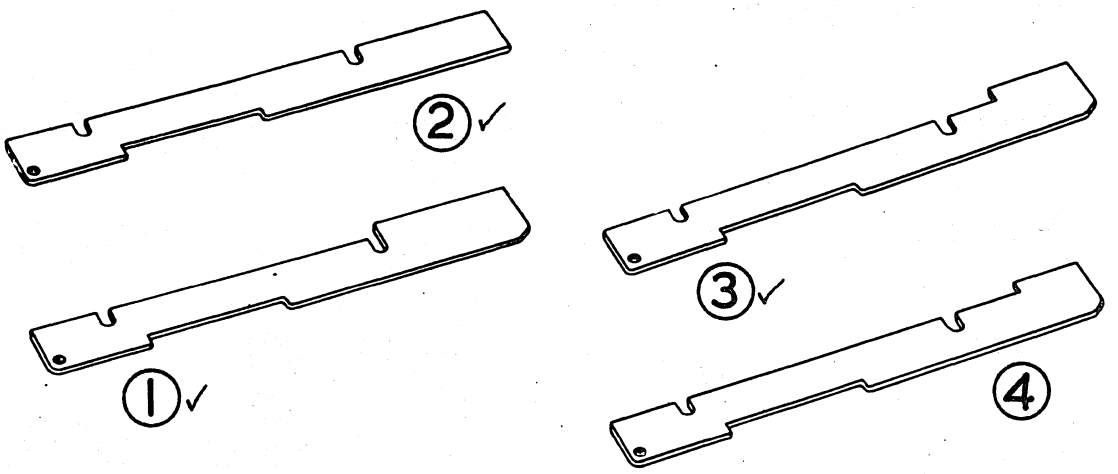
KEYBOARD SHIELD CHART - SERIES P100,P200,P300,P2000 MACHINES (Plate II-25)



PART NUMBERS (Plate II-25)

Ref.	Part Number	Colour	Dimensions	Description
1	1015 2320	Beige 125	1.010" x 1.3/4"	Shield to cover last 2 cols. left
	1220 8369	Grey 224	7.010" x 1.3/4"	Shield to cover last 2 cols. left
2				Shield plus motor bar opening,
	1015 2338	Beige 125	7.010" x 1.3/4"	Series P205, P207
	1220 8377	Grey 224	7.010" x 1.3/4"	Series P2205, P2207
	1219 9436	Grey 224	7.430" x 1.845"	Series P2313, P2315
3				Shield - plus and minus bar openings,
	1015 2387	Beige 125	7.010" x 1.3/4"	Series P206, P208
	1053 5151	Grey 224	7.010" x 1.3/4"	Series P2206, P2208
	1218 9478	Grey 224	7.430" x 1.845"	Series P2323, P2325
4				Shield - plus motor bar opening,
	1015 2353	Beige 125	7.010" x 1.3/4"	Series P103, P110
	1053 5631	Grey 224	7.010" x 1.3/4"	Series P2103, P2110
	1219 7398	Grey 224	7.430" x 1.845"	Series P2215, P2215-WS
5	1015 2361	Beige 125	7.010" x 1.3/4"	Shield - plus motor bar and OCL 51 openings, Series P301, P310
	1220 3401	Grey 224	7.010" x 1.3/4"	Series P2301, P2310
	1218 9353	Grey 224	7.430" x 1.845"	Series P2415, P2415-WS

KEYBOARD SHIELD CHART - SERIES P400, P600, P5000 AND P9000 MACHINES (Plate II-26)

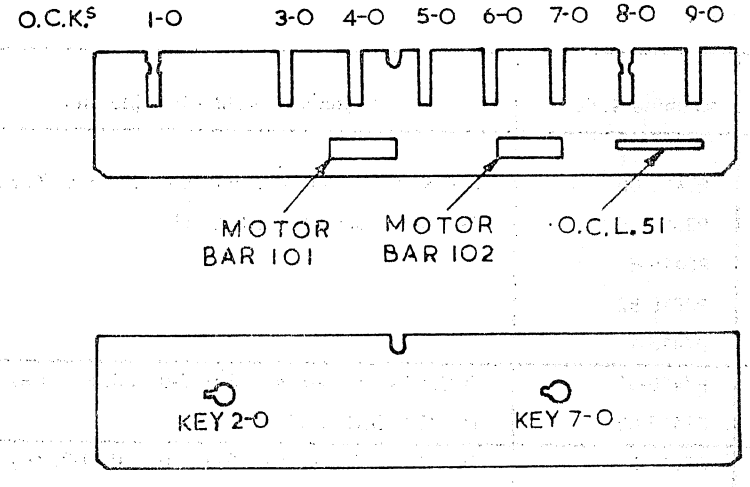


PART NUMBERS (Plate II-26)

Ref.	Part Number	Colour	Length	Description
1	1224 6005	Grey 227	6.7/32"	Series P600 and P5000 machines with motor bars 1 and 2
2	1224 6013	Grey 227	6.7/32"	Series P600 and P9000 machines with four or five motor bars
3	1224 6021	Grey 227	6.7/32"	Series P600 and P9000 machines with three motor bars
4	1224 6039	Grey 227	6.7/32"	Series P400 and P5000 machines with motor bars 1 and 2

Keyboard

KEYBOARD SHIELD CHART - FOR SERIES P2200, P2300, P3200, P3400, P3600, P7400, P7600, P8300 - MACHINES WITH PLASTIC CASE AND BASE (Plate II-26-1)



PART NUMBERS (Plate II-26-1)

Colour - Grey 224 (Shell Grey)

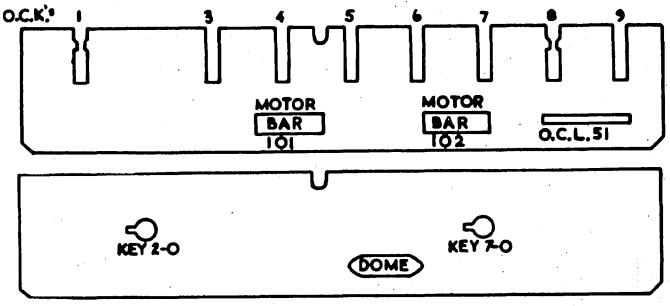
Part Number	Machine Style	Keyboard Shield - Provides for
1219 7398	P2215	O.C.K.'s 1-0, 5-0, 6-0, 8-0, 9-0; Motor bar 101
1219 9436	P2315	O.C.K.'s 1-0, 3-0, 5-0, 6-0, 8-0, 9-0; Motor bar 101
1218 9478	P2323, P2325	O.C.K.'s 1-0, 5-0, 6-0, 8-0, 9-0; Motor bars 101 and 102
1218 9494	P2328, P8328-08 P8328-12	O.C.K.'s 1-0, 3-0, 4-0, 5-0, 6-0, 8-0, 9-0; Motor bars 101 and 102
1218 9486	P2338	O.C.K.'s 1-0, 3-0, 4-0, 5-0, 6-0, 8-0, 9-0; Motor bar 102
1218 9353	P2415, P7415-55	O.C.K.'s 1-0, 3-0, 4-0, 5-0, 6-0, 8-0, 9-0; Motor bar 101; O.C.L. 51
1218 9411	P3202-03	O.C.K.'s 1-0, 4-0, 5-0, 6-0, 8-0, 9-0; Key 7-0
1218 9403	P3212-53	O.C.K.'s 1-0, 4-0, 5-0, 6-0, 8-0, 9-0; Key 7-0; Motor bar 101
1218 9437	P3203-01 P3205-02	O.C.K.'s 1-0, 3-0, 4-0, 5-0, 6-0, 8-0, 9-0; Key 7-0
1218 9429	P3213-51 P3215-52 P7415-60 P7415-61	O.C.K.'s 1-0, 3-0, 4-0, 5-0, 6-0, 8-0, 9-0; Key 7-0; Motor bar 101

Keyboard

PART NUMBERS (Plate II-26-1) - Continued

Part Number	Machine Style	Keyboard Shield - Provides for
1218 9346	P3413-65 P3613-85 P3415-52 P3615-82 P7415-11	O.C.K.'s 1-0, 3-0, 4-0, 5-0, 6-0, 8-0, 9-0; Keys 2-0 and 7-0; Motor bar 101; O.C.L. 51
1218 9379	P7415-01 P7415-05	O.C.K.'s 1-0, 3-0, 4-0, 5-0, 6-0, 8-0, 9-0; Key 7-0; Motor bar 101; O.C.L. 51
1218 9445	P7615-81 P7615-82 P7615-83 P7615-84 P7615-85 P7615-86	O.C.K.'s 1-0, 4-0, 5-0, 6-0, 7-0, 8-0, 9-0; Key 2-0; Motor bars 101 and 102
1224 5064	P8325-26	O.C.K.'s 1-0, 5-0, 6-0, 7-0, 8-0, 9-0; Motor bars 101 and 102

KEYBOARD SHIELD CHART - SERIES P1000 AND P3000 MACHINES (Plate II-27)



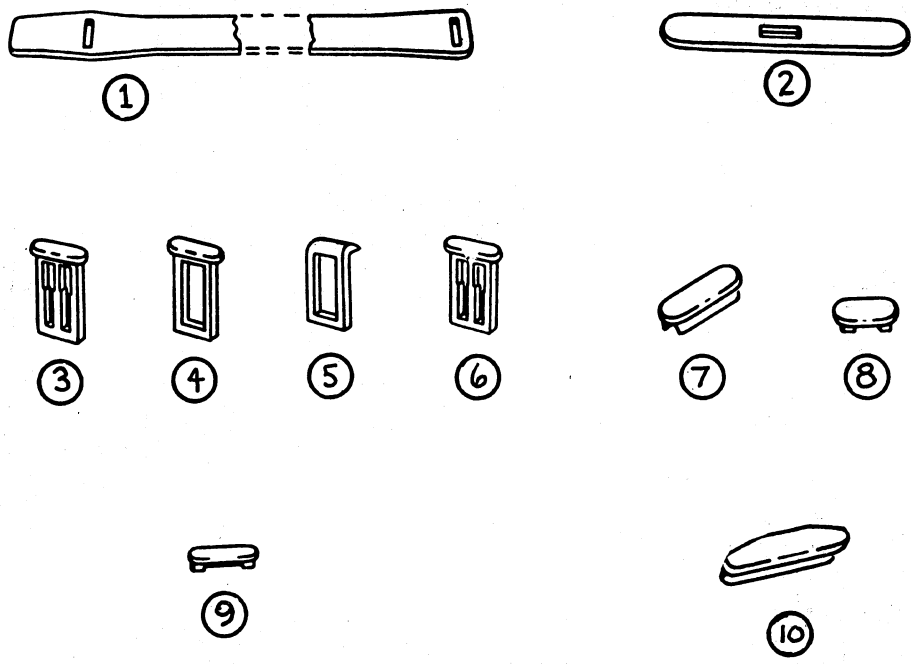
NOTE: "X" signifies that the keyboard shield is cut away in that particular position for OCK's, MOTOR BARS, OCL51 and KEYS 2-0 and 7-0; or provided with clearance DOME.

COLOR - GRAY 224

PART NUMBER	OCK's COLUMN 0								MOTOR BAR		OCL	KEY	KEY	DOME
	1	3	4	5	6	7	8	9	101	102	51	2-0	7-0	
1215 4712	x			x	x		x	x						
1215 4720	x			x	x		x	x	x					
1215 4738	x	x		x	x		x	x						
1215 4746	x			x	x		x	x	x	x				
1215 4753	x	x		x	x		x	x	x					
1215 4761	x	x	x	x	x		x	x	x		x			x
1215 4845	x			x	x	x	x	x	x	x				
1215 4852	x		x	x	x		x	x	x		x			x
1215 4860	x			x	x		x	x	x		x			x
1215 4878	x			x	x		x	x		x				
1215 4886	x		x	x	x		x	x		x				
1215 4894	x	x		x	x		x	x		x				
1215 4902	x	x		x	x		x	x	x	x				
1215 4910	x		x	x	x		x	x	x	x				
1215 6212	x		x		x		x	x	x	x	x			x
1215 6220	x	x	x	x	x		x	x	x		x		x	x
1215 6238	x	x	x	x	x		x	x			x			
1215 8754	x	x	x	x	x	x	x	x	x	x				
1215 8762	x	x	x	x	x		x	x	x	x				
1216 1121	x			x	x		x	x					x	
1216 2418	x	x	x	x	x		x	x	x					x
1216 2426	x	x	x	x	x		x	x			x	x		
1216 3671	x			x	x		x	x	x				x	
1216 5163	x	x	x	x	x		x	x			x	x	x	
1216 5171	x	x	x	x	x		x	x			x		x	
1216 8159	x	x		x	x		x	x	x		x		x	x
1216 8522	x			x	x		x	x			x		x	
1216 8530	x			x	x		x	x			x	x	x	
1216 8720	x	x		x	x		x	x	x		x			x
1216 8738	x				x		x	x						
1216 8746	x				x		x	x	x					
1216 8753	x	x			x		x	x						
1216 8761	x	x			x		x	x	x					
1216 8779	x				x		x	x	x	x				
1216 8787	x	x	x		x		x	x	x		x			
1216 8795	x	x	x	x			x	x	x		x			x
1215 4736 (PS430)	x	x		x	x		x	x					x	x
1215 6220 (PS403)	x			x			x	x	x		x		x	x

Keyboard

KEYBOARD PLUG CHART (Plate II-28)

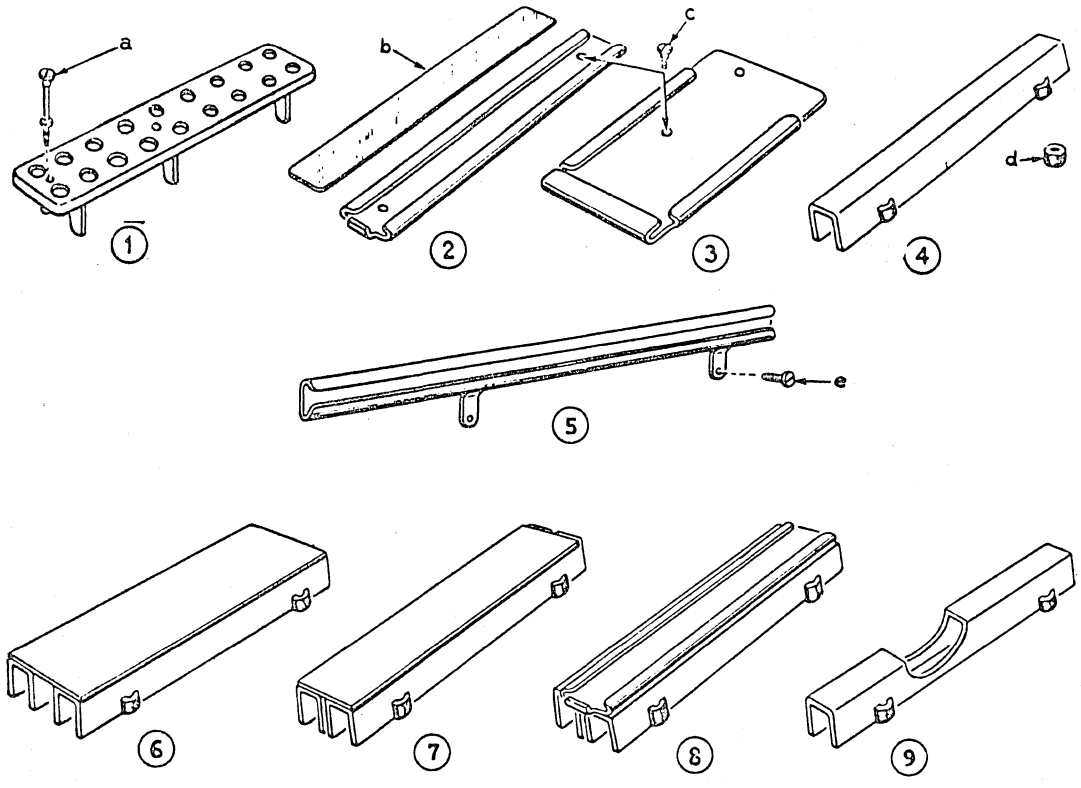


PART NUMBERS (Plate II-28)

Ref.	Part Number	Colour	Description
1	1216 8480	Grey 224	Keyboard strip for one column
2	1013 7230	Nickel plated	Sliding cover for OCL 51 on steel case machines only
3	1011 9816		Keyboard slot plug used with strip ref. 1
4	1037 6275		Keyboard slot plug - machines with enforced designation
5	1011 9808		Keyboard slot plug for control key and enforced designation columns
6	1011 9790		Keyboard slot plug, through both upper and lower plates
7	1026 7318	Grey	Case plug for motor bar positions 100, 101 and 102 - steel cases only
8	1011 9782		Keyboard hole plug - for lock slot
9	1011 9774		Keyboard slot plug for upper plate
10	1026 7300		Case plug for OCL 53 - steel cases only, Style 10

Keyboard

KEY COVERS AND BULLETIN HOLDERS (Plate II-29)



PART NUMBERS (Plate II-29)

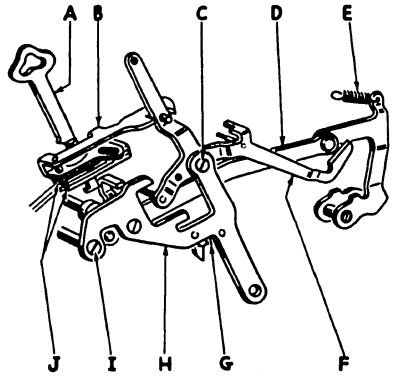
Ref.	Part Number	Colour/Dimension	Description
1	**1011 5665**	clear plastic	key cover for two columns of keys with openings for keytop access
2	**1215 9554**	grey 224 - 6½"x1"	bulletin holder for left of keyboard
3	**1216 5437**	grey 224 - 5"x 3"	bulletin holder
4	**1224 8019**	grey 225	plastic key cover for one column of keys
5	**1011 5566**	beige 125	bulletin holder for lower front end of keyboard
6	**1224 8050**	grey 225	plastic key cover for three columns of keys
7	**1224 8043**	grey 225	plastic key cover for two columns of keys
8	**1220 8278**	grey 224	metal key cover for two columns of keys and with form holder
9	**1224 7979**	grey 225	plastic key cover for one column of keys - with opening for No.5 keytop

Keyboard

PART NUMBERS (Plate II-29) – Continued

Ref.	Part Number	Colour/Dimension	Description
a	1011 9998		screw
b	1012 0376		plastic form protector
c	1010 4693		screw
d	1012 2695		rubber foot for metal key covers only
e	1012 0178		screw

LOCK IN POSITION 7-0 FOR O.C.L. 51 (Plate II-30)

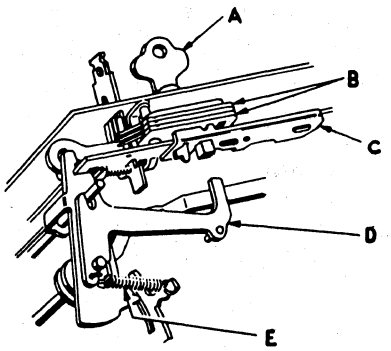


PART NUMBERS (Plate II-30)

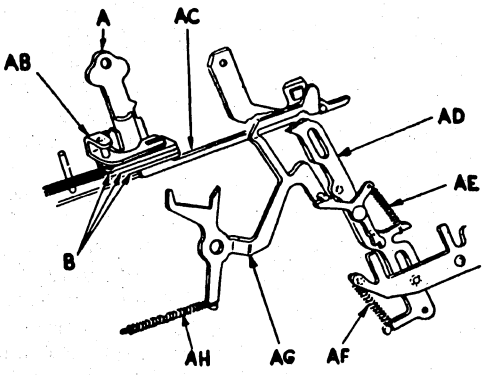
A **1035 8273** key (stamped K123-T) for total
1035 8265 key (stamped K123-S) for sub-total
See Plate II-20 for other styles
B **1011 6374** guide
See Plate II-20 for other styles
C **1018 0008** screw, use 1013 8543 sleeve
D See Side Frames Section for accumulator control links
E **1013 9327** spring
F **1013 6497** lever, OCL no. 51
G **1026 9876** spring
H **1028 0600** support bracket
I **1011 9023** screw
J **1035 7507** tumblers, see refs. 19, 20 and 21, Plate II-20
1035 7523
1035 7549

LOCK IN KEYBOARD POSITION 2-0 (Plate II-31)

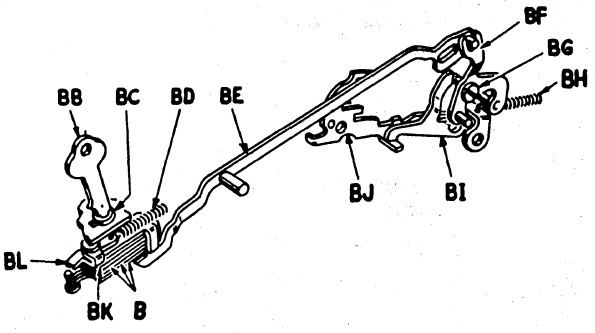
TO PREVENT MACHINE OPERATION



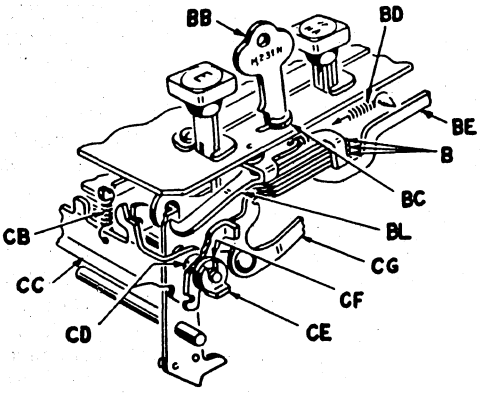
FOR MOTOR BAR



FOR SYMBOL INDEXING



INTERLOCK FOR KEY LOCK



PART NUMBERS (Plate II-31)

A **1035 7879** key (stamped M232)
See Plate II-20 for other styles
B **1011 6192** tumbler
See Plate II-20 for other styles
C See Plate II-21 for intermediate lock slides
D **1043 5857** lock plate
E **1013 3148** spring

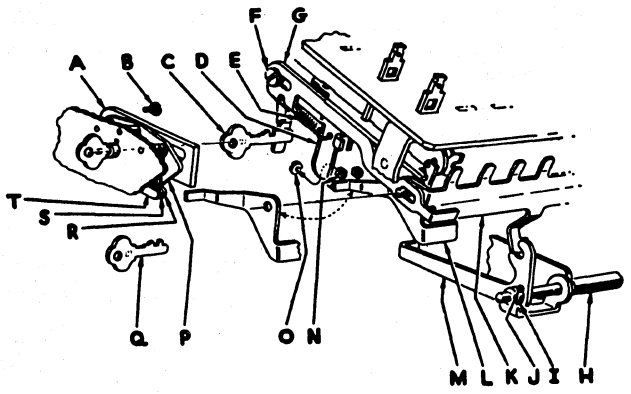
Part Numbers Continued On Next Page

PART NUMBERS (Plate II-31) - Continued

AB **1011 6366** guide,,see Plate II-20 for other styles
AC **1035 7119** intermediate lock slide
See Plate II-21 for other styles
AD **1011 1946** motor bar
See Side Frames Section for other styles
AE **1013 9350** spring
AF **1027 3209** spring
AG **1011 1664** lever, shown
1027 9511 lever for multiple cash drawer
AH **1027 7432** spring
BB **1011 6275** key (stamped M231N)
See Plate II-20 for other styles
BC **1012 0277** cylinder
See Plate II-20 for other styles
BD **1027 6400** spring
BE **1011 5384** intermediate link
See Plate II-21 for other styles
BF **1013 6810** latch
BG **1013 9004** screw, use 1013 7958 sleeve
BH **1027 2730** spring
BI **1013 6828** latch
BJ **1019 5980** symbol indexing arm
See Side Frames Section for other styles
BK **1011 6366** guide
See Plate II-20 for other styles
BL **1038 8349** interlock
See Plate II-20 for other styles
CB **1027 1989** spring
CC **1011 5244** bail before P333639D
1022 9318 bail after P333638D
CD **1011 9857** spacer
CE **1011 0147** clip
CF **1015 1470** collar
CG **1035 6202** lever

KEY IN LOCK POSITION NO. 77 TO DISABLE ENFORCED DESIGNATION

(Plate II-32)

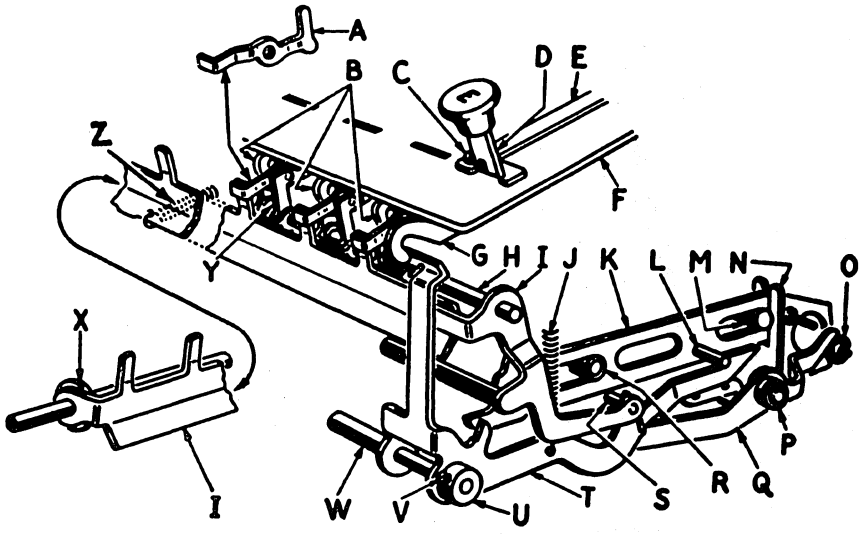


PART NUMBERS (Plate II-32)

A **1027 4637** control plate
B **1010 7811** screw
C **1010 7779** key (stamped C213), see Plate VII-13, Base and Case sections other styles
D **1035 6319** bracket
E **1027 6950** spring
F **1028 9130** shoulder screw, use 1010 0469 nut
G **1035 7044** slide
H **1013 3809** shaft
I **1015 4920** set collar, Includes J
J **1017 1387** screw
K **1011 5244** before P333639D
1022 9318 after P333638D
} Bail
See Plate II-19 for other styles
L **1011 6432** bellcrank
M **1011 5335** lever shown, on machines before P333639D
1011 5343 lever, use spring 1027 2045, after P333638D
N **1010 0436** nut
O **1029 2589** screw
P **1013 6364** lock plate
Q **1010 7704** key (stamped C321), see plate VII-13 Base and Case Section, for other styles
R **1027 4918** stamped 3
S **1027 4900** stamped 2
T **1027 4982** stamped 1
} tumblers

Keyboard

MACHINE OPERATION PREVENTED WI TH O.C.K. 6-0 AND KEYS IN COLUMN 1 THROUGH 6 DEPRESSED, CLASS 9 MACHINES (Plate II-33)



PART NUMBERS (Plate II-33)

A 1035 6293 } latch
1035 6285 }

B 1011 4221 col. 1 }
1011 4213 col. 2 } indexing strip
1011 4288 col. 3 }
See Plate II-11 for other styles

C 1012 0178 screw

D 1011 6440 keystem, see Plate II-9 for other styles

E 1035 6954 keystem guide, see Plate II-24 for other styles

F See Plate II-41 for Keyboard upper plates

G 1035 3720 keyboard strip, col. "O", see Plate II-10 for other styles

H 1011 3322 shaft

I 1035 6384 bail, see plate II-19 for other styles

J 1013 9277 spring

K 1040 9787 key release slide, see Side Frames Section for other styles

L Part of K

M 1020 4255 stud

N 1013 4641 guide

O 1011 2225 roller

P 1010 0147 clip

Q 1013 7339 interlock arm

R 1017 3508 auxiliary repeat arm

S 1013 8790 stud

T 1035 6442 interloc k

U 1011 9915 set collar, includes V

V 1011 0070 screw

W 1040 8961 shaft

X 1017 0530 washer

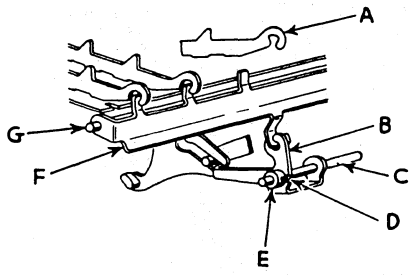
Y 1011 5038 rocker arm, see Plate II-18 for other styles

Z 1013 9277 spring, use 1026 6252 spring anchor

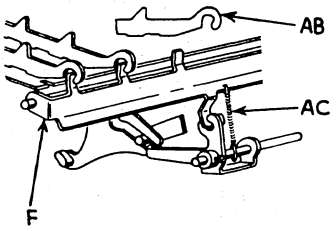
Keyboard

ENFORCED DESIGNATION MECHANISMS (Plate II-34)

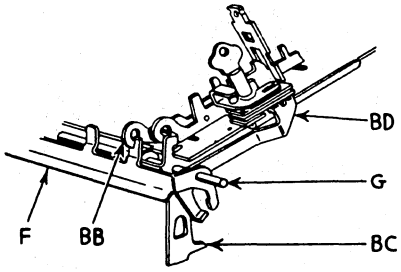
SINGLE COLUMN

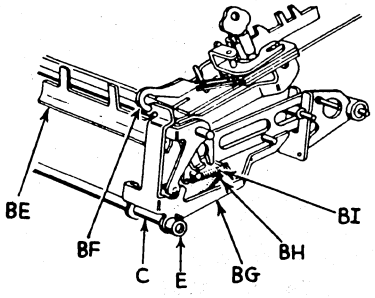


TWO OR MORE COLUMNS

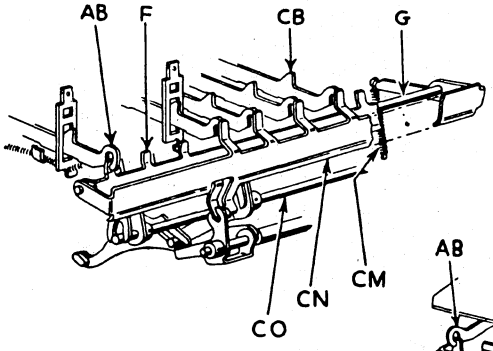


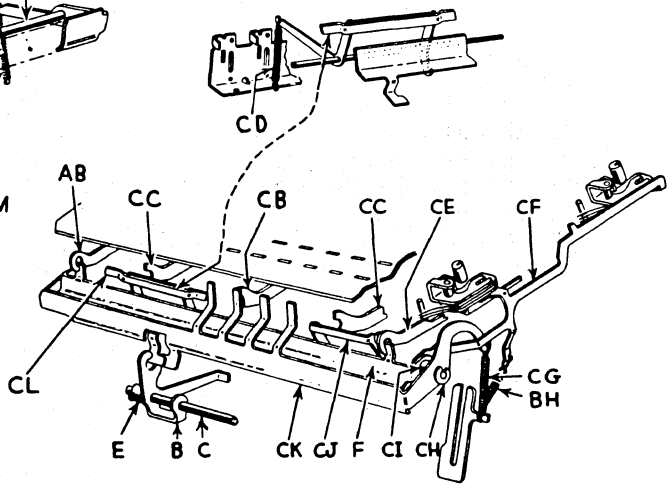
DISABLED FROM COLUMN "0" AND LOCK IN POSITION 2-0





GROUP ENFORCED DESIGNATION DISABLED FROM LOCK IN POSITION 2-0 AND/OR 7-0





Part Numbers On Next Page

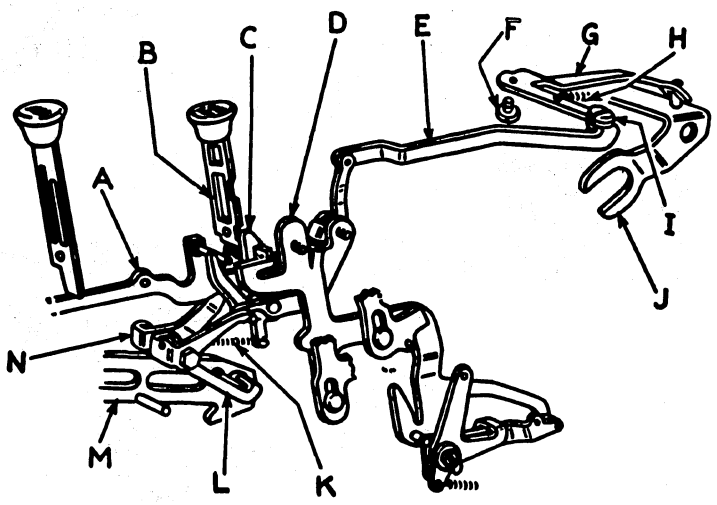
Keyboard

PART NUMBERS (Plate II-34)

A **1035 3373** index strip
See Plate II-11 for other styles
B **1011 5335** arm, shown, on machines before P333639D
1011 5343 arm and 1027 2045 spring after P333638D
C **1013 3809** shaft
D **1044 1426** screw
E **1015 4920** set,collar includes D
F **1011 5244** before P333639D } bail
1022 9318 after P333638D }
See Plate II-19 for other styles
G **1011 3314** shaft
AB **1011 4387** index strip
See Plate II-11 for other styles
AC **1642 1802** spring, use 1026 6260 spring anchor
BB **1011 4379** used with strip A } keyboard strip
1011 4437 used with strip AB }
See Plate II-10 for other styles
BC **1035 4389** rocker arm
See Plate II-18 for other styles
BD **1011 5376** intermediate link
See Plate II-22 for other styles
BE **1035 6350** bail
See Plate II-19 for other styles
BF **1035 3563** keyboard strip
See Plate II-10 for other styles
BG **1011 5350** arm
BH **1027 6574** spring
BI **1026 9777** spring
CB **1011 4502** index strip
See Plate II-11 for other styles
CC **1011 4510** index strip
See Plate II-11 for other styles
CD **1027 6921** spring
CE **1011 4437** keyboard strip
See Plate II-10 for other styles
CF **1011 5392** intermediate link
See Plate II-22 for other styles
CG **1026 9892** spring
CH **1010 0147** clip
CI **1011 9857** collar
CJ **1011 5301** bail
CK **1067 8456** bail, see Plate II-19 for other styles
CL **1011 5319** bail
CM **1027 3050** spring
CN **1011 5269** bail, see Plate II-19 for other styles
CO **1022 8625** shaft

Keyboard

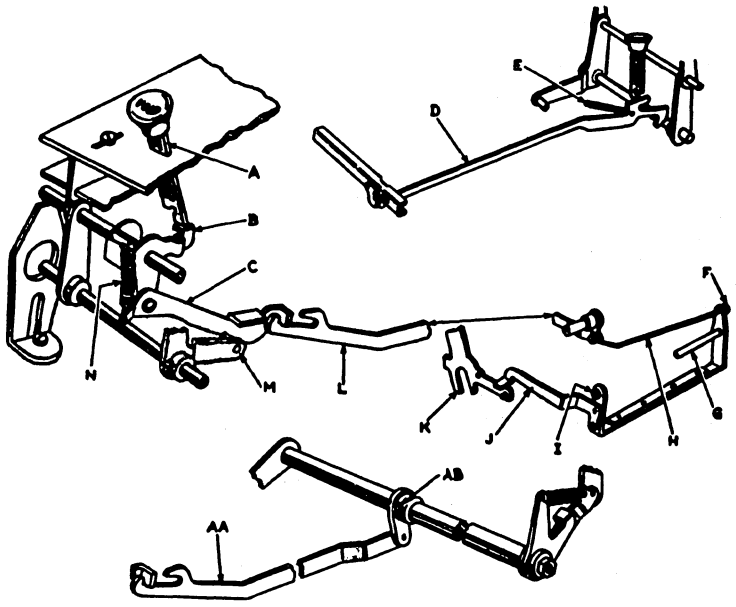
O.C.K. 5-0 TO REPEAT ITEMS, NON-PRINT, NON-SPACE AND TO RESTORE (Plate II-35)



PART NUMBERS (Plate II-35)

A No longer available
B **1011 9600** keystem, see Plate II-9 for other styles
C No longer available
D **1027 9842** motor bar assembly, see Side Frames Section for other styles
E No longer available
F **1010 5393** screw
G **1014 9441** lever
H **1027 6574** spring
I **1035 0924** screw, use 1010 0360 nut
J See printing Section, Plate III-6 for hammer latch actuating assemblies
K **1027 7432** spring
L **1052 1631** lever
M **1019 5899** slide, see Side Frame Section for other styles
N **1052 1714** latch

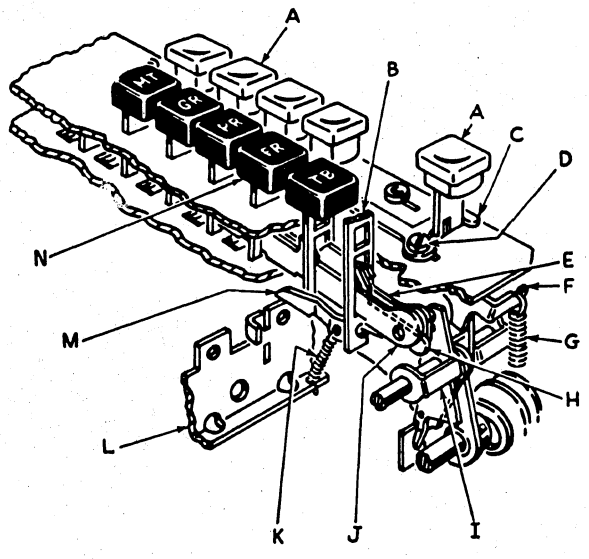
VOID KEY MECHANISM, FOOD CONTROL MACHINE (Plate II-36)



PART NUMBERS (Plate II-36)

A **1011 6440** keystem, see Plate II-9 for other styles
B No longer available
C No longer available
D **1035 4264** bail
E **1012 0335** spring
F **1027 6749** screw
G **1019 2615** shaft
H No longer available
I **1010 5187** screw, use 1010 0378 nut
J No longer available
K Use 1021 2041 motor bar, 1021 1902 latch, 1216 2665 eccentric, 1017 6477 shoulder nut
L No longer available
M **1052 2993** shaft
N **1014 7650** spring
AA No longer available
AB **1010 7183** screw

PERMANENT REPEAT OF CHARACTERS IN COLUMN ONE (Plate II-37)

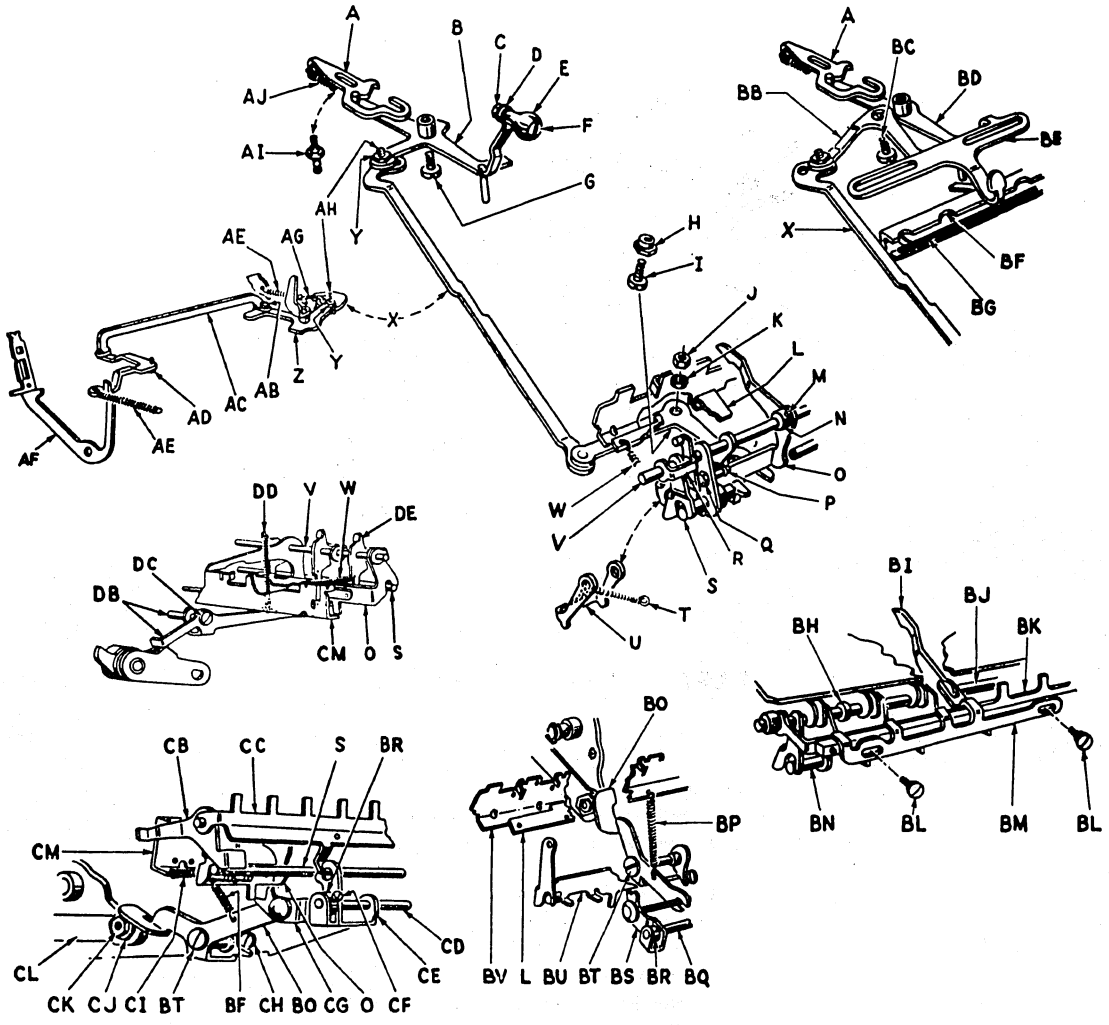


PART NUMBERS (Plate II-37)

A See Plate II-7 for keytop detail
B **1011 9584** keystem, see Plate II-9 for other styles
C See Plate II-24 for keystem guide (col.O) detail
D **1012 0178** screw
E **1011 4122** locking strip, see Plate II-12 for other styles
F **1011 3595** spring anchor, use 1256 7699 washer and 1012 0210 screw
G **1027 7697** spring
H **1011 3942** interlock, see Plate II-13 for other styles
I **1011 5004** rocker arm, see Plate II-18 for other styles
J **1011 4296** indexing strip, see Plate II-11 for other styles
L **1013 4229** support guide, see Side Frame Section for other styles
M **1011 6150** repeat bail, use 1010 8736 spacer
N See Plate II-7 for keytop detail

Keyboard

DATE REPEAT AND NORMAL MECHANISMS (Plate II-38)



PART NUMBERS (Plate II-38)

A	1015 0258	detent, shown, for split and normal or number and normal
	1015 0274	for number, count and normal, or number, split and normal
	1043 2771	for rotary disabling lever
	1043 2789	R.C.N.D. to advance after printing
B	1015 0159	operation control lever (OCL 53), see Printing Section for other styles
C	1010 0360	nut
D	1256 7442	lockwasher
E	1010 8363	knob
F	1010 8413	screw
G	1010 5377	screw
H	1049 2817	eccentric
I	1010 4644	screw
J	1010 0360	nut
K	1256 7715	lockwasher
L	1013 4245	plate

Part Numbers Continued On Next Page

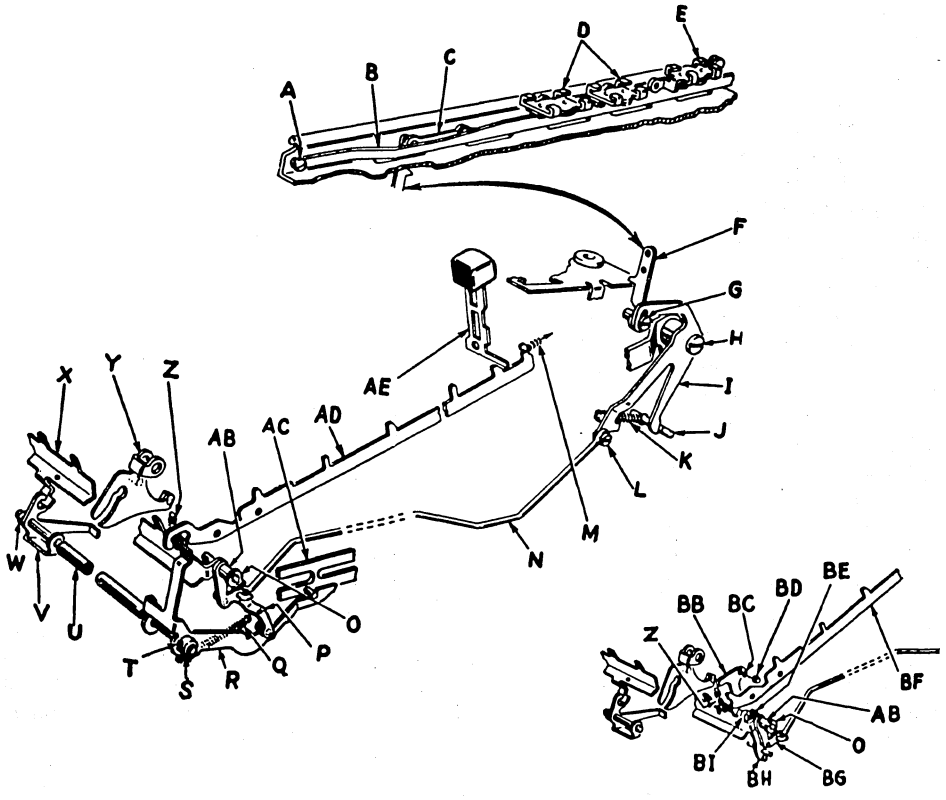
Keyboard

PART NUMBERS (Plate II-38) - Continued

M **1011 0070** screw
N **1011 9915** set collar, includes M
O **1011 6093** bail, shown, for 1,2, or 3 cols.
1035 7317 bail, for 4 or 5 cols.
1035 7341 bail, for 6 cols.
* P **1012 0251** spring anchor screw
* Q **1010 0469** nut
* R **1011 5087** rocker arm
See Plate II-18 for other styles
S **1022 8625** 10 col. constr. } key restoring bail
1011 3348 13 col. constr. } for repeat of cols. 1 thru 5
1035 2680 10 col. constr. } key restoring bail
1035 2698 13 col. constr. } for repeat of 6 cols.
* T **1044 2804** for repeat of 1 or 2 cols. } spring
1027 6160 for repeat of 3 cols. } spring
1044 1749 for repeat of 4, 5 or 6 cols } spring
* U **1011 6143** bail
V **1011 3314** 10 cols. constr. } cipher stop shaft
1011 3322 13 cols. constr. } cipher stop shaft
W **1026 9355** spring
X **1011 6077** link
Y **1017 1981** shoulder nut
Z **1043 2888** operation control lever, see printing section for other styles
AB **1035 1187** screw
AC **1043 1773** link
AD **1227 4445** screw, use 1010 9858 washer
AE **1026 9892** spring, use 1026 6252 spring anchor
AF **1934 9223** lever
AG **1026 6252** spring anchor
AH **1015 2213** screw
AI **1010 4529** spring anchor screw
AJ **1013 3098** spring
BB **1015 0126** operation control lever, see Printing Section for other styles
BC **1010 6698** screw
BD **1015 0225** lever, use 1010 4248 screw
BE **1016 0687** operation control lever. see Printing Section for other styles
BF **1022 9037** channel bail and 1019 5048 lever before P362954D and P156268S
1022 9037 channel bail on machines after P362953D and P156267S
BG **1011 3470** shaft
BH **1010 8744** spacer (2 req.)
BI **1016 2923** bail for repeat of 3 cols.
BJ **1044 4057** shaft
BK **1022 9334** key release bail, see Plate II-19 for other styles
BL **1017 9984** shoulder screw
BM **1023 0027** slide shown, for repeat of cols. 11, 12, 13
1023 0035 for repeat of 4 cols.
BN **1016 2238** key restoring bail
BO **1011 6135** arm shown
1035 7358 arm for Classes 8-9-10 machines with radio interference suppressor
BP **1027 6798** spring
BQ **1040 8961** shaft
BR **1015 4920** set collar, use 1010 8967 screw
BS **1011 6119** latch for 13 col. constr.
BT **1012 0244** screw
BU **1016 2923** bail repeat of 3 cols.
1016 2956 bail repeat of 4 cols.
BV **1017 3326** support guide for index bars
See Side Frames Section for other styles
CB **1011 6432** for 10 col. construction } bell-crank
1035 8380 for 13 col. construction } bell-crank
CC **1011 5244** bail on machines before P333639D
See Plate II-19 for other styles
CD **1013 3809** shaft, 10 col. construction
1013 3817 shaft, 13 col. construction
CE **1011 5335** lever shown, used on machines before P333639D
1011 5343 lever and 1027 2045 spring on machines after P333638D
CF **1010 8967** screw
CG **1011 6119** latch for 10 col. construction
CH **1013 8030** screw
CI **1027 3050** spring
CJ **1011 2332** eccentric
CK **1010 0311** nut, use 1011 2647 screw
CL **1011 1730** pitman arm
CM **1013 4229** support guide
See Side Frames Section for other styles
DB Not available, use part, P,Q,R,T,U and keyboard strip 1011 4007
DC **1010 5682** screw
DD **1026 9413** spring
DE Not available, use part R (1035 4462) and keyboard strip 1011 4007

* Indicates parts required for field replacement of part "DB" and "DE"

BLOCKING AND ENFORCED USE OF REGISTER B TOTAL KEY, CARRIAGE CONTROLLED (Plate II-39)



PART NUMBERS (Plate II-39)

A	**1017 3169**	screw
B	**1012 9724**	rocker arm
C	**1012 9740**	rocker arm
D	**1012 9690**	control roll mountings
E	**1012 9658**	control roll mountings
F	**1015 3401**	latch
G	**1010 9775**	shoulder
H	**1013 8494**	shoulder screw
I	**1013 7495**	bellcrank
J	**1026 9967**	spring anchor screw
K	**1027 7176**	spring
L	**1027 6749**	shoulder screw
M	**1027 7689**	spring
N	**1013 9251**	wire
O	**1010 0220**	clip
P	**1013 7503**	bellcrank
Q	**1027 3209**	spring
R	**1011 5368**	lever
S	**1011 9915**	set collar, includes T
T	**1011 0070**	screw
U	**1013 3825**	shaft
V	**1011 5335**	lever shown, on machines before P333639D
	1011 5343	lever and 1027 2045 spring, after P333638D
W	**1015 4920**	set collar, use 1017 1387 screw
X	**1011 5244**	before P333639D } bail
	1022 9318	after P333638D } bail
	See Plate II-19 for other styles	
Y	**1013 4179**	break hook

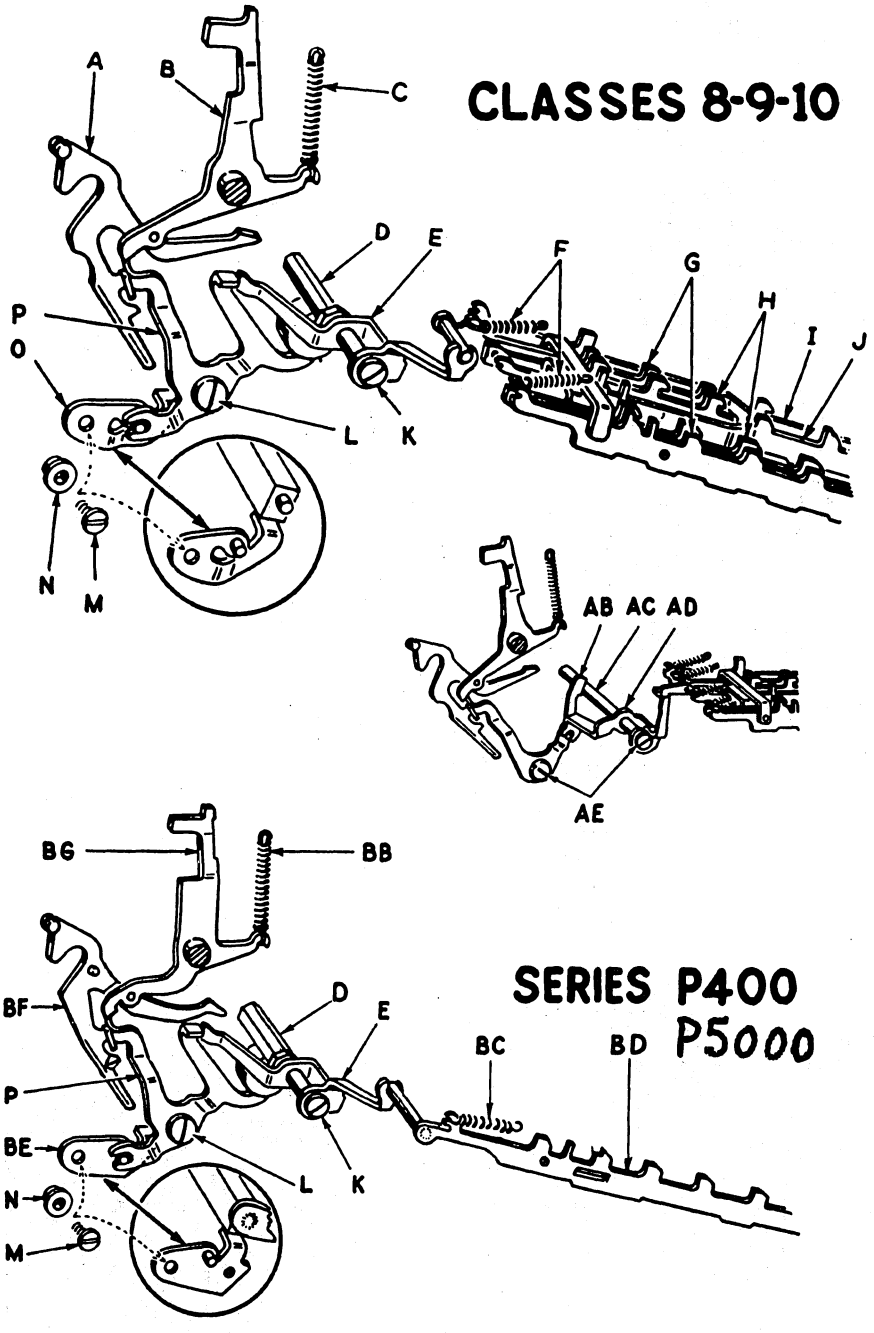
Part Numbers Continued On Next Page

Keyboard

PART NUMBERS (Plate II-39) - Continued

Z	**1027 1989**	spring
AB	**1017 1577**	collar
AC	**1040 9787**	key release slide
		See Side Frames Section for other styles
AD	**1011 4619**	keyboard strip, col. O
		See Plate II-10 for other styles
AE	**1011 9600**	keystem
		See Plate II-9 for other styles
BB	**1011 3611**	spring anchor
BC	**1256 7699**	lockwasher
BD	**1012 0210**	screw
BE	**1011 5772**	washer
BF	**1011 4577**	keyboard strip, col. O
		See Plate II-10 for other styles
BG		Not available, use part "P"
BH	**1015 2551**	lock plate
BI	**1011 9857**	collar

KEYBOARD CALENDAR FEATURE - CLASSES 8-9-10, P400, P5000 (Plate II-40)



Part Numbers On Next Page

Keyboard

PART NUMBERS (Plate II-40)

A Use 1023 3740 latch and 1019 6194 lever before P426238D
1023 3740 latch after P426327D
See Printing Section for other styles

B **1014 6934** hammer
See Printing Section for other styles

C **1014 7635** spring

D **1010 8105** 10 column construction
1013 8113 13 column construction
} hex. post

E **1013 5267** 10 column
1013 5275 13 column
} bellcrank

F **1027 7689** spring

G **1011 4221** indexing strip
See Plate II-11 for other styles

H **1011 4056** locking strip
See Plate II-12 for other styles

I **1011 4155** locking strip
See Plate II-12 for other styles

J **1011 4288** indexing strip
See Plate II-11 for other styles

K **1010 5054** shoulder screw

L **1010 6698** screw

M **1025 8200** screw

N **1010 5740** collar

O **1013 5309** shown for class 9
1013 5291 for class 8 and 10
} arm

P Use 1019 6194 lever and 1023 3740 latch before P426238D
1019 6194 lever after P426237D

AB **1041 0413** for 8 column machines, early
1041 0421 for 8 column machines
1041 0405 for 10 and 13 column machines
} lever

AC Use ref. D

AD **1041 0348**
1041 0322
1041 0330
} bellcrank

AE **1010 5393** screw

BB **1014 7643** spring

BC **1027 7689** spring

BD **1016 2683** indexing strip
See Plate II-11 for other styles

BE **1045 7711** arm

BF Use 1023 3724 latch and 1019 6194 lever, before P426238D
1023 3724 latch, after P426237D

BG **1042 5346** hammer
See Printing Sections for other styles

Keyboard

KEYBOARD TOP PLATES AND COMPLETE ASSEMBLED KEYBOARDS (Plate II-41)

SINGLE REGISTER (Add Only) - CLASS 8, SERIES P1200, P2100, P3200

Machine Style	Keyboard Top Plate	Assembled Keyboard
80701	1011 3751	1226 5864
P1202	1215 4548	1215 6758
80801	1029 9006	1226 5906
P1203	1215 4563	1215 6782
P2103	1220 8617	1226 6151
81001	1029 8792	1226 5948
P1205	1215 4589	1215 6816
81051	1029 8792	1226 5989
P1215	1215 4589	1215 6840
P2110	1220 8609	1226 6177
806211	1216 7094	1216 7086
P3201-11	1216 1063	1216 1048
807201	1011 3751	1227 8826
P3202-01	1215 4548	1216 1022
807203	1216 5908	1216 5775
807253	1216 5908	1216 5775
808201	1216 5916	1216 5783
808251	1216 5916	1216 5783
810202	1216 5940	1216 5817
810252	1216 5940	1216 5817
810306	1028 3323	1222 9092
810307	1028 3323	1222 9100

SINGLE REGISTER (Add and subtract) - CLASS 9, SERIES P1300, P2200, P3300

90701	1034 0735	1062 1035
P1302	1215 4548	1215 6873
90795	1034 0735	1226 6011
P1312	1215 4548	1215 6907
90801	1034 0743	1062 1043
P1303	1215 4563	1215 6931
90895	1034 0743	1062 1052
P1313	1215 4563	1215 6972
P2205	1220 8609	1061 8585
90853	1220 8476	1226 6045
P1323	1215 4613	1215 6964
P2206	1220 8617	1061 8601
91001	1034 0750	1062 1068
P1305	1215 4589	1215 7004
91095	1034 0750	1062 1134
P1315	1215 4589	1215 7079
P2207	1220 8609	1061 8627
91053	1220 8492	1226 6086
P1325	1215 4647	1215 7038
P2208	1220 8617	1061 8643
P2210	1220 8617	1226 6193
91305	1220 8518	1216 3085
91355	1220 8518	1222 9233
907201	1034 0735	1227 8834
P3302-01	1215 4548	1216 1030

Part Numbers Continued On Next Page

Keyboard

PART NUMBERS (Plate II-41) Continued Page 1

Machine Style	Keyboard Top Plate	Assembled Keyboard
908352	1220 8476	1215 1379
910352	1220 8492	1215 1254
910108 (steel case)	1228 8575	1226 6102
910108 (plastic case)	1215 4647	1215 8689
910120 (steel case)	1015 2510	1062 1100
910120 (plastic case)	1215 4688	1215 8655
910121 (steel case)	1015 1510	1062 1100
910121 (plastic case)	1215 4688	1215 8655
910126	1015 2510	1062 1118
913108	1220 8518	1215 3490
913112	1220 8518	1222 9241
913114	1043 5360	1062 1159
DOUBLE REGISTER (Add Only) - CLASS 10, SERIES P1400, P2300, P3400		
100801	1011 3835	1215 6659
P1403	1215 4563	1215 7103
101001	1028 3315	1226 6110
P1405	1215 4589	1215 7186
101053	1028 3315	1226 6110
P1415	1215 4589	1215 7186
P2301	1220 8641	1226 6219
P2310	1220 8666	1226 6235
P3403-01	1216 2491	1215 5221
1008251	1216 5916	1216 7284
P3413-51	1216 2491	1216 8142
1008265	1216 5965	1216 5841
1008285	1216 5965	1216 5841
P3405-01	1216 2467	1216 5205
1010252	1216 5999	1216 5874
1010282	1216 5999	1216 5874
1010301	1028 3323	1222 9308
1010302	1011 3785	1222 9316
1010304	1011 3785	1222 9324
1010305	1028 3323	1226 5765
1010311	1011 3793	1226 5773
1010312	1011 3793	1226 5781
1010353	1028 3323	1215 1130
1010355	1028 3315	1216 9199
1010360	1028 3323	1226 5815
1010361	1028 3323	1052 8297
1010381	1011 3710	1061 8577
1010382	1011 3710	1226 5823
1010383	1011 3710	1061 8577
1010384	1011 3710	1226 5823
1010385	1011 3710	1216 9587
1010386	1011 3710	1215 3375
1010164 (steel case)	1028 3315	1226 6144
1010164 (plastic case)	1215 4589	1215 8721

Part Numbers Continued On Next Page

PART NUMBERS (Plate II-41) Continued Page 2

DOUBLE REGISTER AND SINGLE REGISTER (Add and Subtract) - Series P400, P600, P5000, P9000

Machine Style	Keyboard Top Plate	Assembled Keyboard
P401	1016 2485	1061 8841
P5525-01	1224 6047	1218 5740
P402	1016 2493	1061 8858
P5528-02	1224 6054	1218 5757
P410	1016 2485	1215 6154
P5525-10	1224 6047	1218 5765
P420	1016 2493	1215 6147
P5528-10	1224 6054	1218 5773
P450	1016 2493	1061 8858
P5328-05	1224 6054	1218 5757
P460	1016 2493	1215 6147
P5328-10	1224 6054	1218 5773
P643	1016 2485	1061 8908
P5525-03	1224 6047	1218 5823
P644	1016 2493	1061 8916
P5528-04	1224 6054	1218 5831
P645	1016 2485	1061 8908
P5725-05	1224 6047	1218 5823
P646	1016 2493	1061 8916
P5728-06	1224 6054	1218 5831
P612	1016 2550	1061 8866
P9074-1	1224 6062	1218 5781
P613	1016 2550	1061 8874
P9077-3	1224 6062	1218 5799
P615	1016 2485	1061 8882
P9074-5	1224 6047	1218 5807
P621	1016 2550	1061 8890
P9064-1	1224 6062	1218 5815
P622	1016 2550	1061 8866
P9064-2	1224 6062	1218 5781
P623	1016 2550	1061 8874
P9067-3	1224 6062	1218 5799
P625	1016 2485	1061 8882
P9064-5	1224 6047	1218 5807
P661	1016 2550	1061 8866
P9044-1	1224 6062	1218 5781
P662	1016 2550	1061 8866
P9044-2	1224 6062	1218 5781
P663	1016 2550	1061 8874
P9047-3	1224 6062	1218 5799
P665	1016 2485	1061 8882
P9044-5	1224 6047	1218 5807
P672	1016 2550	1061 8866
P9454-2	1224 6062	1218 5781
P673	1016 2550	1061 8874
P9457-3	1224 6062	1218 5799
P675	1016 2485	1061 8882
P9454-5	1224 6047	1218 5807

Part Numbers Continued On Next Page

PART NUMBERS (Plate II-41) Continued Page 3

Machine Style	Keyboard Top Plate	Assembled Keyboard
P681	1016 2550	1061 8890
P9444-1	1224 6062	1218 5815
P682	1016 2550	1061 8866
P9444-2	1224 6062	1218 5781
P683	1016 2550	1061 8874
P447-3	1224 6062	1218 5799
P685	1016 2485	1061 8882
P9444-5	1224 6047	1218 5807

SERIES P

ADDING, BOOKEEPING, TELLERS, VALIDATING & RECEIPTING MACHINES

SECTION III

PRINTING

Burroughs

FIELD ENGINEERING

PARTS CATALOG

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For Library Binder 12

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✓ 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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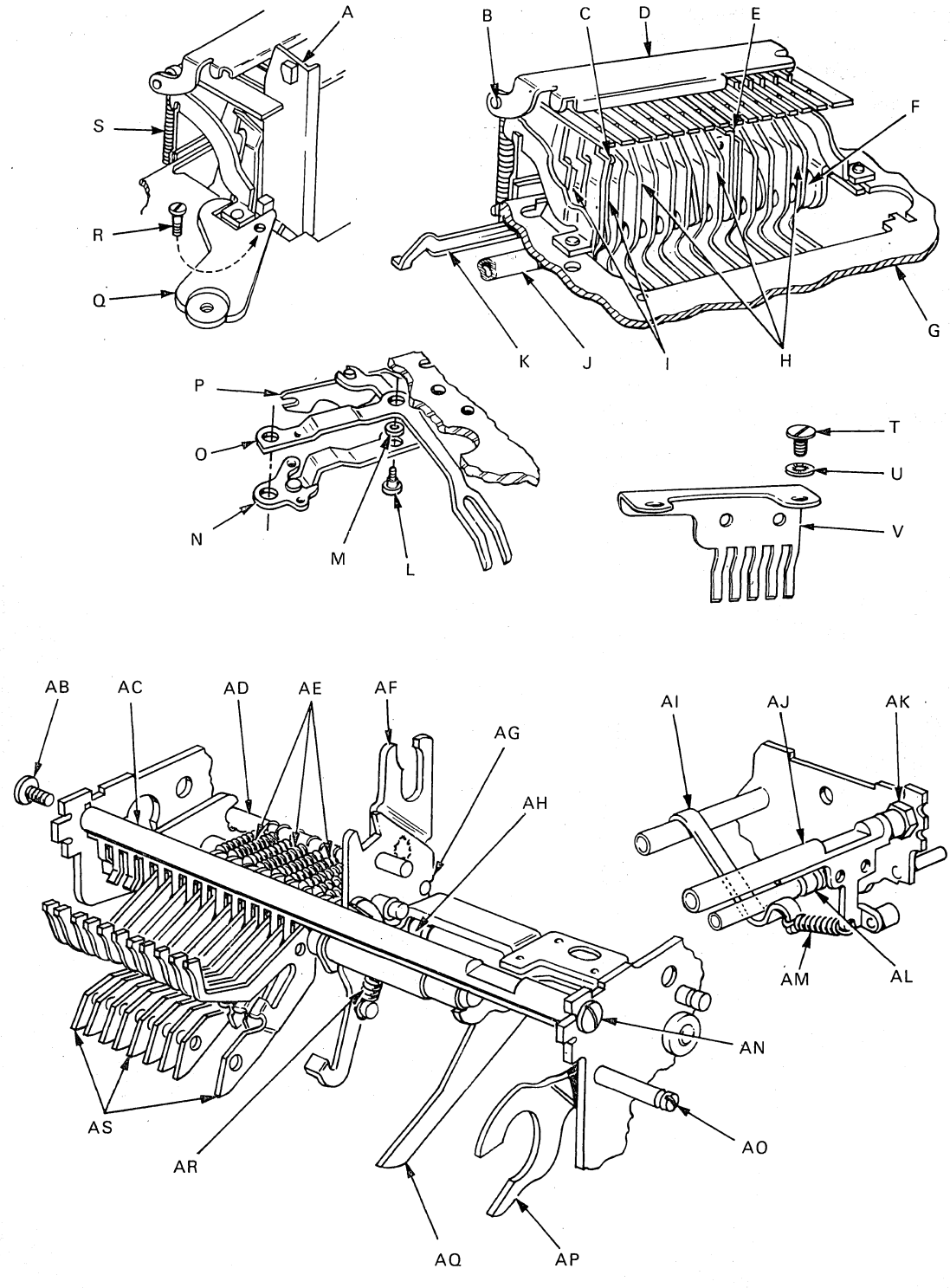
PRINTING SECTION SUB–ASSEMBLIES (Plate III – 1)



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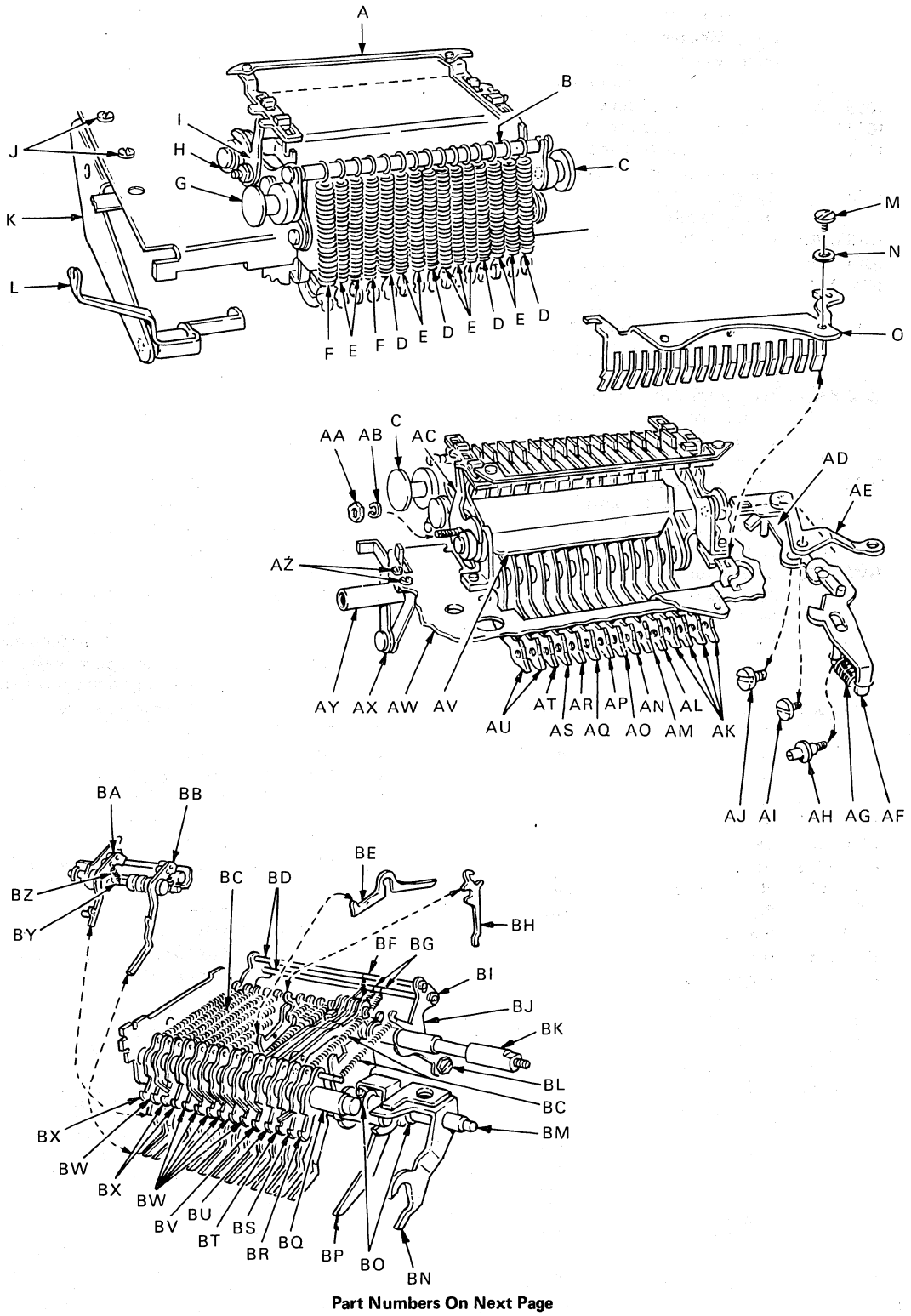
PRINTING

PART NUMBERS (Plate III - 1)

A	1015 6222	type bar for col. 00, Series P400 and P5000. See Plate III - 13 for other symbol type bars.
B	- - - - - - - -	Hammer spring anchor shaft for
	1015 8111	for Series P400, P5000
	1014 6330	for Class 9, 13 col. constr.
	1014 6322	for Classes 8-9-10, Series P100, P200, P300, P1000, P2000 and P3000
C	1015 1504	spacer
D	- - - - - - - -	Hammer limit bail
	1016 0950	for Series P400, P5000
	1014 9359	for Class 9, 13 col. constr.
	1014 9367	for Class 9 with 1/8" condensed type centres.
	1014 9342	for Classes 8-9-10, Series P100, P200, P300, P1000, P2000 and P3000.
E	1015 8988	coupler for Series P400 and P5000. See Plate III - 16 for other styles.
F	1014 7494	collar
G	1019 4561	hammer head plate for Series P400 and P5000. See Plate III - 4 for other styles.
H	- - - - - - - -	See Plate III - 5 for hammers.
I	1045 7513	coupler for Series P400 and P5000. See Plate III - 16 for other styles.
J	- - - - - - - -	Hammer pivot shaft
	1014 6389	for Classes 8-9-10, Series P100, P200, P300, P1000, P2000 and P3000.
	1014 6397	for Series P400, P5000 and Class 9, 13 col. constr.
K	- - - - - - - -	See Plate III - 17 for all styles of cipher split control slides.
L	1015 2171	screw
M	1010 9858	washer
N	1014 9490	bell crank
O	1014 9466	bell crank
P	1015 0076	cipher split control slide. See Plate III - 17 for other styles.
Q	1045 7687	limit plate
R	1027 3357	screw
S	- - - - - - - -	Hammer spring
	1014 7627	for cols. with single type
	1014 7635	for cols. with punctuation or double type
T	1017 2369	screw
U	1256 7715	lockwasher
V	1014 9094	hammer and latch guide
AB	1010 6102	screw
AC	1014 9847	hammer and hammer latch guide. See Plate III - 10 for other styles.
AD	- - - - - - - -	Spring anchor shaft
	1014 6405	for Classes 8-9-10, Series P100, P200, P300, P1000, P2000 and P3000.
	1014 6413	for Class 9, 13 col. constr. and Series P400, P5000
AE	- - - - - - - -	See Plate III - 7 for hammer latch springs
AF	1014 6512	carriage feed arm. See Plate III - 6 for other styles
AG	1014 6371	hammer latch pivot shaft. See Plate III - 6 for other styles. Use 1019 5303 guide, 1023 8327 adjusting screw and 1010 0378 nut for side play control.
AH	1014 7510	set collar, use 1010 9643 screw
AI	1026 6369	spring anchor
AJ	1019 4777	hammer block bail. See Plate III - 10 for other styles
AK	1015 1645	hex. bush, use 1010 5682 screw
AL	1015 8137	hammer latch pivot shaft for Series P400, P5000. See Plate III - 6 for other styles
AM	1027 1989	spring
AN	1010 6839	screw
AO	1010 9304	spring anchor screw
AP	1015 8202	actuating arm for Series P400 and P5000. See Plate III - 8 for other styles
AQ	1023 3237	booster arm for Series P400 and P5000. See Plate III - 9 for other styles
AR	1013 9343	spring
AS	- - - - - - - -	See Plate III - 7 for all hammer latches

PRINTING

PRINTING SECTION SUB-ASSEMBLIES–SERIES P600 (Plate III–2)



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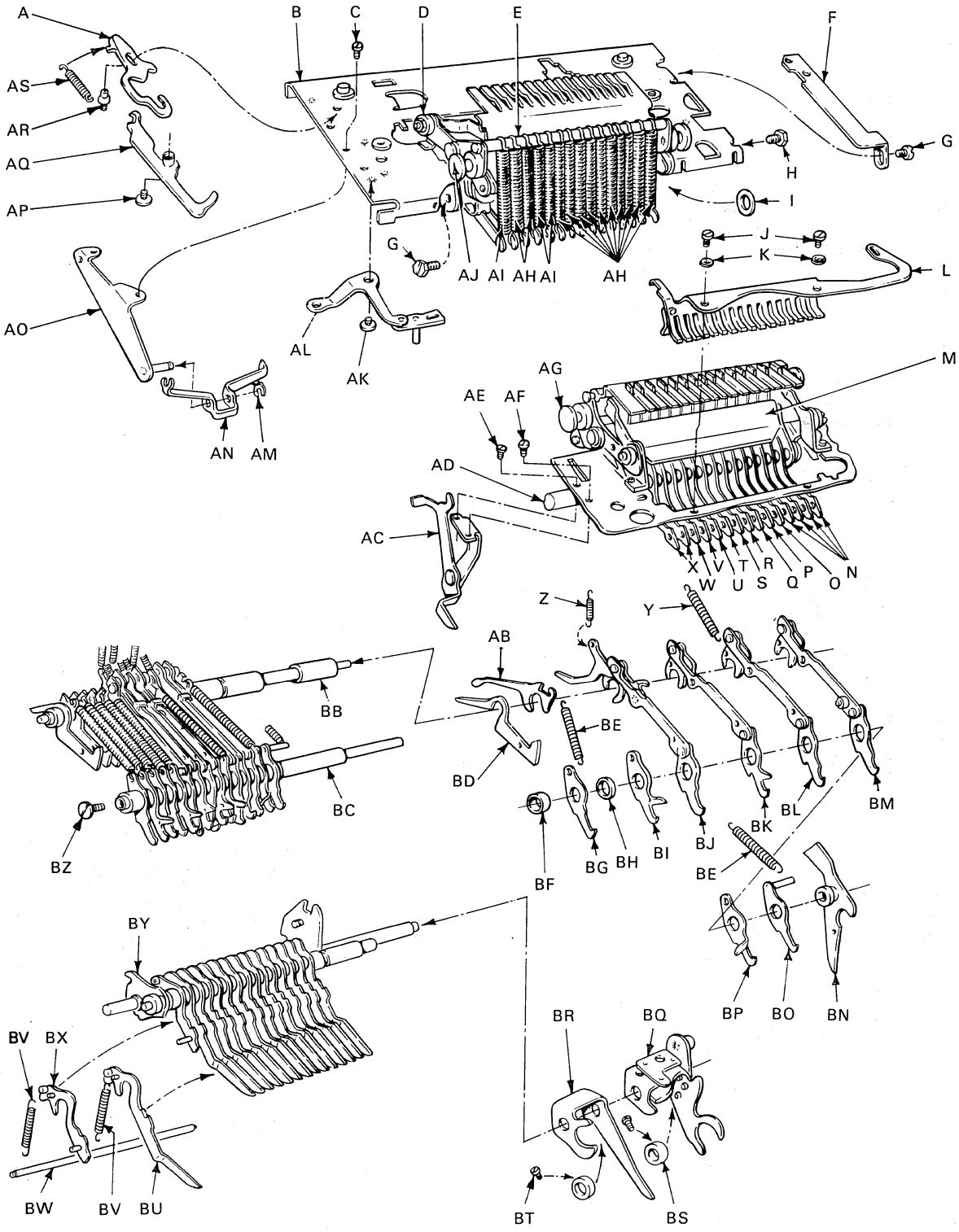
PRINTING

PART NUMBERS (Plate III–2)

A	1044 7811	form pressure bail
B	1015 8129	spring anchor shaft
C	---- ----	Power arm, right
	1045 7273	for machines with bail A
	1023 2932	for machines with form pressure bail (part of carriage)
D	1018 0677	spring for punctuation and two letter type
E	1018 0669	spring for single type
F	1030 5043	spring for three letter type
G	---- ----	Power arm, left
	1045 7281	for machines with bail A
	1023 2924	for machines with form pressure bail (part of carriage)
H	1010 0220	clip
I	1045 7331	adjusting bellcrank
J	1010 8991	screw
K	1045 7307	bracket
L	1013 5275	control arm, use 1010 0220 clip
M	1010 4214	screw
N	1256 7715	lockwasher
O	---- ----	Guide comb
	1045 7356	regular and style 13 with RCF, before P230919D
	1045 7380	as above, after P230918D
	1045 7372	style 10 with RCF, before P301813D
	1023 2981	as above, after P301812D
	1015 8293	for P450 machine
	1045 7364	for P400 and P5000
AA	1010 0360	nut
AB	1067 1824	lockwasher
AC	1045 7323	lever
AD	1015 0217	lever
AE	1016 0695	bellcrank
AF	1015 0258	detent
AG	1013 3098	spring
AH	1010 4529	screw stud
AI	1010 6698	screw
AJ	1010 4248	screw
AK	1015 8624	hammer, stamped 40
AL	1015 8608	hammer, stamped 39
AM	1015 8590	hammer, stamped 38
AN	1015 8582	hammer, stamped 37
AO	1015 8574	hammer, stamped 36
AP	1015 8566	hammer, stamped 35
AQ	1015 8558	hammer, stamped 34
AR	1015 8541	hammer, stamped 33
AS	1015 8533	hammer, stamped 32
AT	1015 8525	hammer, stamped 31
AU	1015 8517	hammer, stamped 30
AV	1015 8285	restoring bail
AW	1032 9365	hammer head. See Plate III - 4 for other styles
AX	1044 8801	interlock bellcrank
AY	1014 6397	shaft. Use 1013 6919 washer
AZ	1010 9247	screw
BA	1015 8962	actuator, col. 13
BB	1015 8947	actuator, cols 00, 0, 1 thru 12
BC	1027 2037	spring, cols 00, 0, 4 thru 13
BD	1015 8186	spring anchor shaft
BE	1023 3443	lever
BF	1027 6871	spring
BG	1014 6272	spring, cols. 1, 2 and 3
BH	1015 8970	spring anchor
BI	1010 0170	clip
BJ	1015 9424	bracket
BK	1015 8178	shaft
BL	1018 0297	screw, use 1023 7634 collar
BM	1015 8152	hammer latch shaft
BN	1045 7265	actuating arm
BO	1014 7510	collar, use 1010 9643 screw
BP	1023 3229	booster arm
BQ	1045 7224	hammer latch shaft
BR	1045 7646	hammer latch, col. 00
BS	1045 7653	hammer latch, col. 0
BT	1045 7596	hammer latch, col. 1
BU	1045 7570	hammer latch, col. 2
BV	1045 7554	hammer latch, col. 3
BW	1015 9200	hammer latch, cols 4 thru 9, and 12
BX	1045 7638	hammer latch, cols 10, 11 and 13.
BY	1015 8160	actuating arm shaft
BZ	1027 7689	spring

PRINTING

PRINTING SECTION SUB-ASSEMBLIES-SERIES P600, P9000 MACHINES WITH AUTOMATIC TOTALS (Plate III—3)



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PRINTING

PART NUMBERS (Plate III—3)

A	1015 0258	detent	
B	1019 4595	hammer head. See Plate III - 4 for other styles	
C	1010 8991	screw	
D	1010 0220	clip	
E	1015 8129	spring anchor shaft	
F	1019 5352	brace	
G	1013 8030	screw	
H	1010 4701	screw	
I	1013 6919	washer	
J	1010 4214	screw	
K	1256 7715	lockwasher	
L	1023 2957	hammer guide	
M	1015 8285	restoring bail	
	— — — —	Hammers	Stamped
N	1015 8624	for cols 10, 11, 12, 13	40
O	1015 8608	for col. 9	39
P	1015 8590	for col. 8	38
Q	1015 8582	for col. 7	37
R	1015 8574	for col. 6	36
S	1015 8566	for col. 5	35
T	1015 8558	for col. 4	34
U	1015 8541	for col. 3	33
V	1015 8533	for col. 2	32
W	1015 8525	for col. 1	31
X	1015 8517	for cols 00 and 0	30
Y	1014 6272	spring	
Z	1027 6871	spring	
AB	1015 8970	spring anchor	
AC	1020 6423	interlock assembly	
AD	1014 6397	hammer shaft	
AE	1340 2862	screw	
AF	1010 9247	screw	
AG	1023 2924	power arm, right	
AH	1018 0669	hammer spring for single type	
AI	1018 0677	hammer spring for punctuation and two character type	
	1030 5043	hammer spring for three character type	
AJ	1023 2932	power arm, left	
AK	1010 6698	screw	
AL	1016 0695	bellcrank	
AM	1010 0220	clip	
AN	1013 5275	control arm	
AO	1015 8277	bracket	
AP	1010 4248	screw	
AQ	1019 5048	lever	
AR	1010 4529	screw stud	
AS	1013 3098	spring	
BB	1015 8178	shaft	
BC	1023 2882	hammer latch shaft	
BD	1023 3443	lever	
BE	1027 2037	spring	
BF	1023 3856	spacer	
BG	1023 3161	hammer latch, cols 10, 11 and 13	
BH	1023 3831	spacer	
BI	1023 3153	hammer latch, cols. 4, 9 and 12	
BJ	1023 3054	hammer latch, cols. 3, 6 and 8	
BK	1023 3062	hammer latch, cols. 5 and 7	
BL	1023 3070	hammer latch, col. 2	
BM	1023 3096	hammer latch, col. 1	
BN	- - - - - - - -	Use 1023 3815 and 1023 3229 booster arms before P339815D and P195172S	
	1023 3815	booster arm, machines after P339814D and P195171S	
BO	1023 3179	hammer latch, col. 00	
BP	1023 3187	hammer latch, col. 0	
BQ	1023 2908	hammer latch actuating arm. See Plate III - 9 for other styles	
BR	1023 3229	booster arm. See Plate III - 9 for other styles	
BS	1014 7510	set collar, includes BT	
BT	1010 9643	screw	
BU	1015 8947	hammer latch actuating arm cols. 00 thru 12	
BV	1027 7689	spring	
BW	1015 8160	spring anchor shaft	
BX	1015 8962	hammer latch actuating arm col. 13	
BY	1015 8152	hammer latch pivot shaft. See Plate III - 6 for other styles.	
BZ	1010 7928	screw	

HAMMERHEAD PLATE CHART (Plate III—4)

Note: When ordering a hammer head for a machine other than those listed specify machine style and serial number

MACHINE STYLE	USED WITH	PART NUMBERS	
		Without Rotary	With Rotary
Classes 8, 9 and 10 Series P1000, P2000 and P3000	Basic construction Dial Counter $\frac{1}{16}$ fractions, cols. 1 and 2 D.C.N.	1032 8938 1043 0189 1043 0536	1026 4604 1042 9645
Class 8	With signature printer mechanism	1032 8920	1032 8920
Class 8	With signature printer mechanism and with extra wheels on right of rotary		1019 2961
Class 9 Minus Balance	Non print lever on right side, O.C.L. 52. Number count and normal, split count and normal	1043 0320	1014 8930
Classes 8,9 and 10. Series P1000, P2000 P3000	Number, split and normal, count and normal. Automatic count. Cash drawer opening from printed totals. Specify for extended totals	1043 0429	1042 9884
Class 10	Extended totals and back space mech.	1043 0437	1042 9892
Class 10	Date and normal in cols. 7, 8, 9 and Balance scheduling controls	1043 0445	1042 9918
Class 9	Repeat of cols. 8, 9, 10 with OCL 53. Cipher splits from OCK's. Specify for extended totals and normal	1043 0452	
Class 9 Minus Balance	Cipher splits from O.C.K's	1043 0460	1042 9942
Class 9 Minus Balance	RCF, carriage controlled with O.C.L. 53 and standard type		1014 8930
Class 9 Minus Balance	RCF, carriage controlled with O.C.L. 53 and $\frac{5}{32}$" type centres		1042 9967
Class 9 Minus Balance	Dial counter. Enforced sub-total and total mechanism. Cipher split from OCK 6-0 with lever in non-print position. RCF carriage controlled with O.C.L. 53 and standard type		1042 9975
Class 9 Minus Balance	Dial counter. Enforced sub-total and total mechanism. Cipher split from OCK 6-0 with lever in non-print position. RCF carriage controlled, with OCL 53 and $\frac{5}{32}$" type centres.		1042 9983
Class 10	Number, split and normal. Count and normal. Automatic count. Cash drawer opening from printed totals. Specify for extended totals. 6" front feed carriage.	1042 9991	
Class 10	Dial counter. RCND with extra wheels on right and interlocks for 6" front feed carriage		1054 1027
Class 10 Three Register	With 6" front feed carriage. Dial counter and RCND without OCL 53		1032 8896
Class 10 Three Register	With $3\frac{7}{8}$" or 7½" carriage. Dial counter and RCND without OCL 53		1032 8904

Part Numbers Continued On Next Page

(Plate III—4) Continued

MACHINE STYLE	USED WITH	PART NUMBERS	
		Without Rotary	With Rotary
Class 10	Dial counter controlled through auxiliary lever and RCND with extra wheels on right		1043 0015
Class 10	Interlocks for 6" front feed carriage.Number, split and normal and RCF with OCL 53		1043 0023
Class 10	Extended totals. RCND with extra wheels on right, with OCL 53		1014 8955
Class 9 Minus Balance	Dial counter. Enforced sub-total and total mechanism. Cipher split from OCK 6-0 with lever in non-print position. RCF carriage controlled with OCL 53. 1/8" condensed type centres		1043 0049
Class 9 Minus Balance	Interlocks for 6" front feed carriage. Dial counter. Cipher split in cols. 10 and 9 from character keys		1043 0056
Class 10	Interlocks for 6" front feed carriage. RCND with extra wheels on right. Cipher split in col. 9 and extended totals		1043 0064
Class 10	Dial counter. Extended totals. RCND with extra wheels on right		1043 0106
Class 10	Interlocks for 6" front feed carriage. Extended totals. RCND with extra wheels on right with OCL 53		1043 0098
Class 10	Dial counter. Extended totals RCND without OCL 53		1043 0106
Class 9, Style 13	Number, split and normal. Cipher split from OCK's. Extended totals. Repeat of columns 11, 12, 13	1014 9086	
Class 9, Style 13	Extended totals and normal	1043 0924	
Class 9, Style 13	Number, count and normal. Split, count and normal	1215 3904	
Series P100, P200, P300, P2100 & P2310	With 5/32" type centres	1043 0502	
Series P200, P2200, Minus Balance	With 5/32" type centres	1043 0510	
Series P200 and P2200	With red ribbon mechanism	1043 0171	
Series P200	With N.C.N; S.C and N;N, S and N	1043 0429	
Series P400 and P5000 with 10 col. capacity	With 5/32" type centres, with or without red ribbon mechanism	1019 4553	
Series P400 and P5000 with 13 col. capacity and P461	Number, split and normal. 5/32" type centres. Repeat of cols. carriage controlled with or without red ribbon	1019 4561	

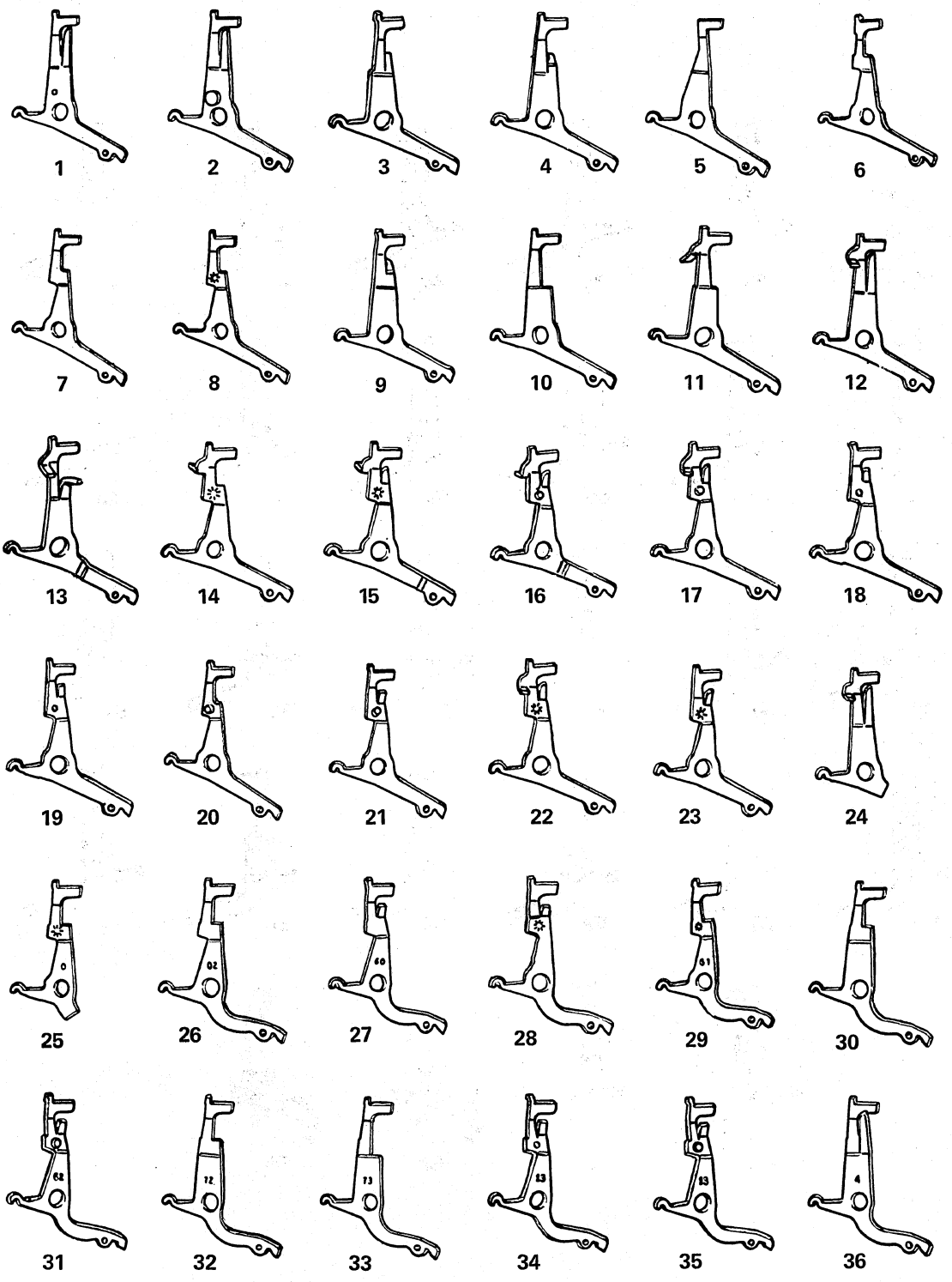
Part Numbers Continued On Next Page

(Plate III—4) Continued

MACHINE STYLE	USED WITH	PART NUMBERS	
		Without Rotary	With Rotary
Series P400 and P5000	With shuttle carriage (12¼")	1215 5537	
Series P600	With 15" front feed carriage, MRC.	1032 9365	
Series P600 and P9000	With 15" or 20" front feed carriage, MRC. Automatic opening. Without RCF	1019 4595	
Series P600 and P9000	With 15" or 20" front feed carriage, MRC. Automatic opening. 10 col. capacity and with RCF		1019 4645
Series P600 and P9000	With 15" or 20" front feed carriage, MRC. Automatic opening. 13 col. capacity and with RCF		1019 4637

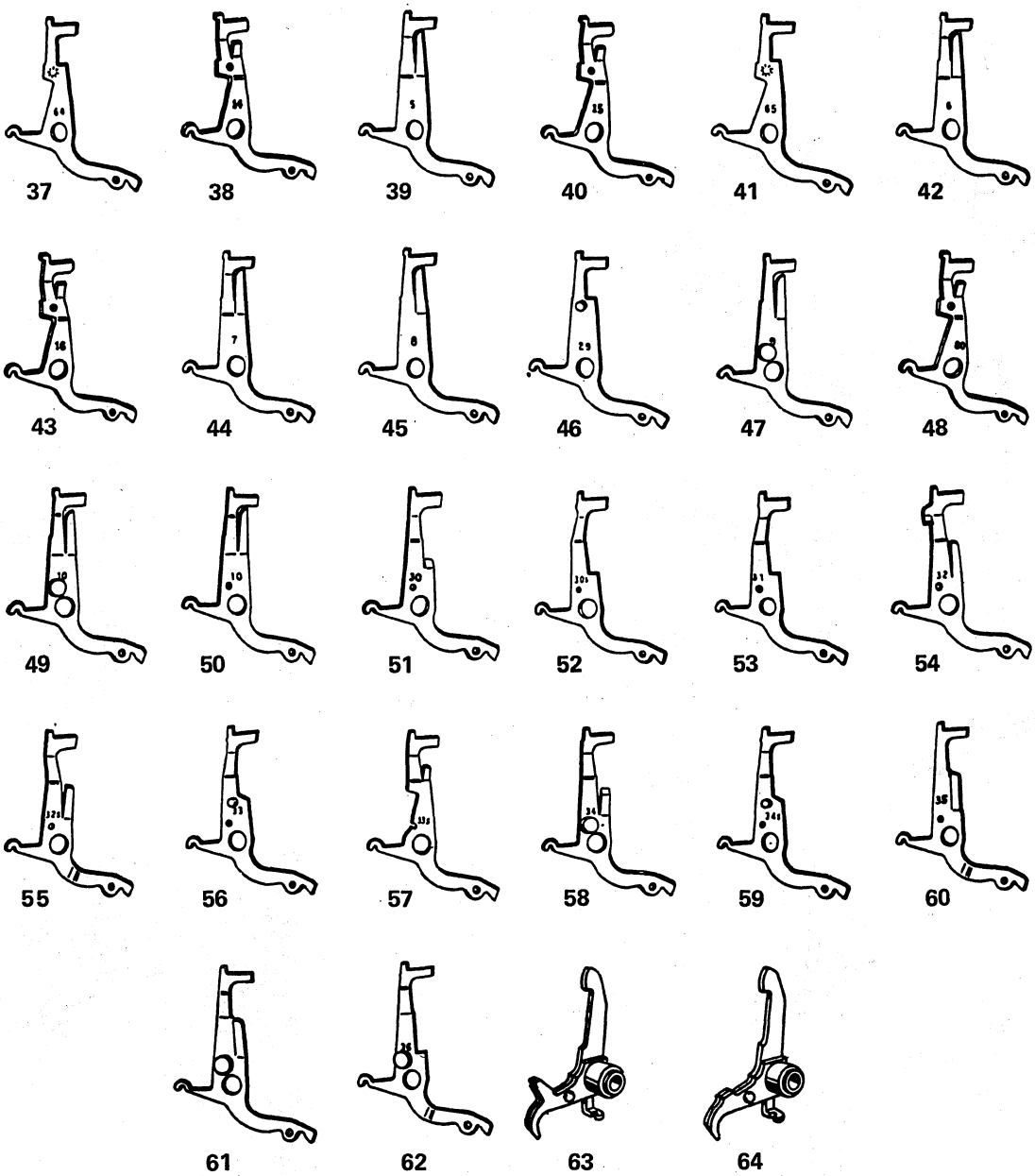
PRINTING

HAMMER CHART (Plate III—5)



Continued On Next Page

HAMMER CHART (Plate III—5) Continued



Part Numbers On Next Page

PART NUMBERS (Plate III–5)

Ref.	3/16" TYPE CENTRES – TYPICAL LOCATION AND USE	STAMPED	PART NUMBER
1	Regular – Classes 8-9-10, Series P100, P200, P300, P1000, P2000 and P3000. All columns except extreme left, see Ref. 2		1014 6553
2	Regular – Used in extreme left cols. to prevent weaving. Two required in Style 10 and three required in Style 13, Class 9 Machines.		1014 6579
3	Column 0 – To print cipher in cols. 1 and 2 with symbols		1025 4274
4	Column 0 – To print cipher in col. 1 with symbols		1014 6652
5	Column 0 – Class 10 with cash drawer, automatic count, dial counter. Non-add columns of cash machines		1014 6975
6	Column 0 – Without closed account fte		1014 6678
7	Columns 0 and 1 – Classes 8-9-10, Series P100, P200, P300, P1000, P2000 and P3000. Also column to left of cipher split, not controlled		1014 6934
8	Column 0 – To print cipher in col. 3 with fractions in cols. 1 and 2		1014 6967
9	Column 0 – Brazilian construction		1014 6728
10	Column 1 – Class 9 with closed account fte		1014 6660
11	No longer available		—
12	Column 2 – To print cipher before unit of cents		1014 6744
13	Column 2 – Class 9, not minus balance		1025 4324
14 15 16	Previously used for sterling construction		—
17	Column 3 – With fractions in col. 1, Class 9		1014 6694
18	Column second to left of split, also two used in side of a reverse coupler bail		1014 6595
19	Previously used for sterling construction		—
20	Column to left of split controlled by OCL 53, or extended total, or col. 3 with ½ or 1/60 fractions in cols. 1 and 2		1014 6645
21	Column second to right of split controlled by OCK's		1067 9314
22	Column 2 of cipher split between cols. 2 and 3 controlled by OCK's		1014 6637
23	Column to right of split controlled by OCK's when located in any position other than cols. 2 and 3		1014 6611
24	Second column of 1/16 fractions		1014 6884
Ref.	5/32" TYPE CENTRES – TYPICAL LOCATION AND USE		
25	Column 00 Column 00 – Clear signal from total and sub-total only (not illustrated) - Series P400 and P5000 Column 00 – Numerical punctuation (not illustrated)	0 00	1015 8343 1015 8384 1015 8392
26	Column 0 Column 0 – Clear signal from total and sub-total only (not illustrated) - Series P400 and P5000 Column 0 – Class 9, Series P200, P2200 (not illustrated)	02 90	1015 8350 1015 8798 1014 6546
27	Column 0 – For sterling construction - Series P400 Column 0 – For sterling construction - Class 9, Series P200 (not illustrated)	60	1015 8665 1014 6538

Part Numbers Continued On Next Page

PART NUMBERS (Plate III—5) Continued

Ref.	5/32' TYPE CENTRES — TYPICAL LOCATION AND USE	STAMPED	PART NUMBER
28	Column 1 — Clear signal from total and sub-total - Series P400 and P5000 (not illustrated) Column 1 — Class 9, Series P100, P200, P3000 and P2000 (not illustrated) Part illustrated (no longer available)	91	1015 8806 1014 6892
29	Column 1 — Clear signal from total and sub-total. Series P400	1	1015 8400
30	Column 2 Column 2 — Class 9, Series P100, P200, P300 (not illustrated) Column 2 — Clear signal from total and sub-total (not illustrated) Series P400 and P5000	 92	1015 8467 1023 3690 1015 8814
31,32	Previously used for sterling construction		—
33	Column 3 Column 3 — Fractions in col. 1 (not illustrated) - Series P400 Column 3 — Clear signal from total and sub-total (not illustrated) Series P400, P5000	73 23 3	1015 8509 1015 8475 1015 8822
34,35	Previously used for sterling construction		—
36	Column 4 Column 4 — Fractions ¼ in col. 1 and 1/12 in col. 2 — Series P400, P5000 (not illustrated)	4 74	1015 8616 1015 8731
37,38	Previously used for sterling construction		—
39	Column 5	5	1015 8640
40	Column 5 — Class 9 Passbook machines	15	1015 8442
41	Previously used for sterling machines		—
42	Column 6	6	1015 8657
43	Previously used for sterling machines		—
44	Column 7	7	1015 8715
45	Column 8	8	1015 8749
46	Column 9 — With split between cols. 8 and 9	29	1015 8491
47	Column 9	9	1015 8780
48	Columns 10, 11 and 12 with split between 10 and 11, 11 and 12, or 12 and 13	80	1015 8756
49	Columns 10, 12 or 13	10	1015 8376
50	Column 11	10	1015 8368
Ref.	1/8" EXTRA CONDENSED TYPE CENTRES — TYPICAL LOCATION AND USE	STAMPED	PART NUMBER
51	Column 0	30	1014 6751
52	Previously used for sterling machines		—
53	Column 1	31	1014 6777
54	Column 2	32	1014 6785
55	Previously used for sterling machines		—
56	Column 3	33	1025 4340
57	Previously used for sterling machines		—

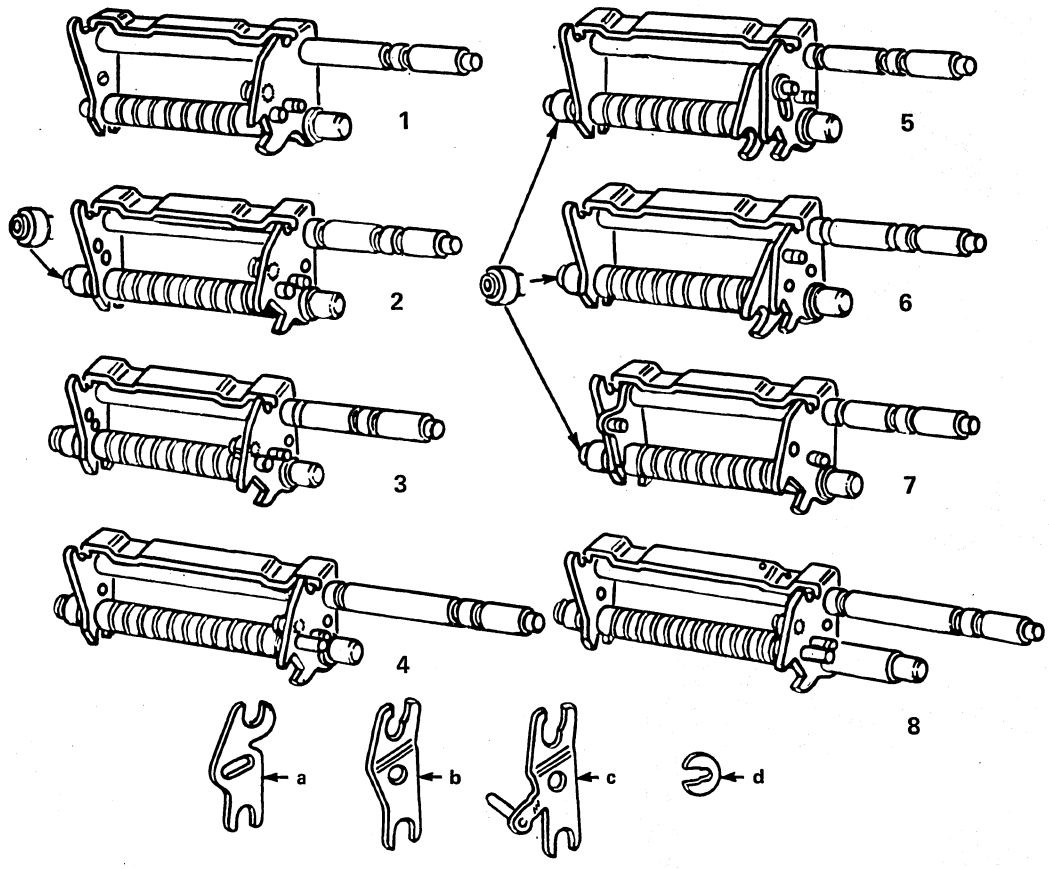
Part Numbers Continued On Next Page

PART NUMBERS (Plate III—5) Continued

Ref.	1/8" EXTRA CONDENSED TYPE CENTRES TYPICAL LOCATION AND USE	STAMPED	PART NUMBER
58	Column 4	34	1014 6827
59	Previously used for sterling machines		—
60	Column 5	35	1014 6843
61	Columns 6, 7, 8 and 10		1014 6868
62	Column 9	36	1014 6876
Ref.	FOR ROTARY CONSECUTIVE NUMBERING DEVICE OR ROTARY CALENDAR FEATURE		PART NUMBER
63	Classes 8, 9 and*10. Series P600 and P9000 for 13 col. construction		1014 6983
	Series P600 and P9000 for 10 column construction (not illustrated)		1015 9572
64	No longer available — use a trimmed Ref. 63		—

PRINTING

HAMMER LATCH PIVOT SHAFT (Plate III–6)

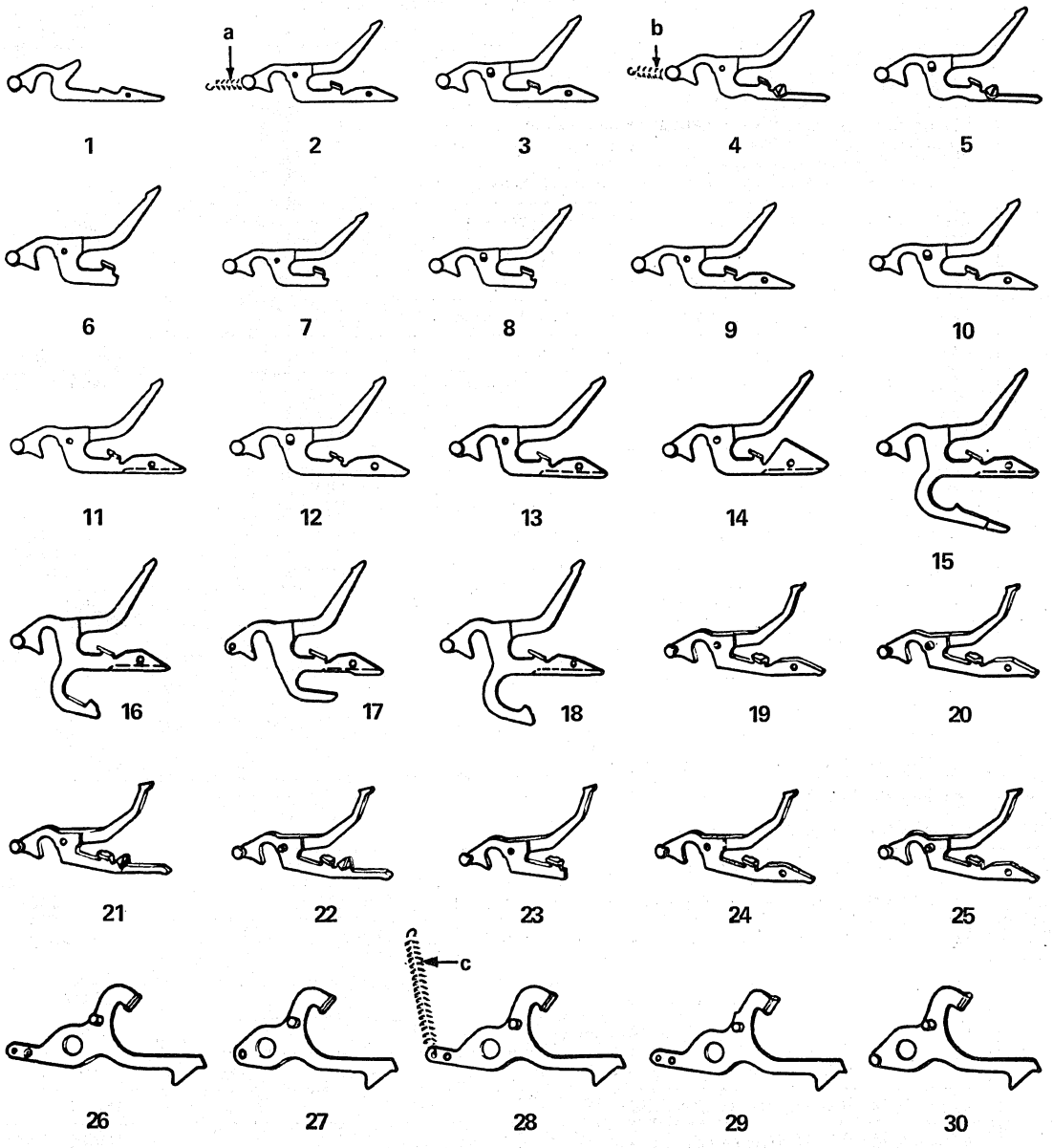


PART NUMBERS (Plate III–6)

Ref.	TYPICAL USE	PART NUMBER
1	No longer available	—
2	Class 10 with R.C.N.D. to advance after printing	1042 5122
3	Class 8-9-10, Series P100, P200, P300, P1000, P2000 and P3000 with $3^7/_8$", 6", 12¼" carriages. Use (a) or (b) as required	1014 6363
4	Class 9, Style 13 machines with $3^7/_8$", 6" or 12¼" carriages. Use (a) or (b) as required	1014 6371
5	No longer available	—
6	Use ref. 3	—
7	No longer available	—
8	Series P400, P5000. Use (a) or (b) as required Series P600, P9000 (not illustrated)	1015 8137 1015 8152
a	Carriage feed arm for 12¼" carriage without spacing slide on cge. bottom plate	1042 5155
b	Carriage feed arm for $3^7/_8$" carriage or counter dial; also 6" F.F. carriage	1014 6512
c	Carriage feed arm for $3^7/_8$" carriage. Series P200, P2200	1014 6520
d	Clip	1026 7060

PRINTING

HAMMER LATCH CHART (Plate III—7)



PART NUMBERS (Plate III—7)

Ref.	TYPICAL USE	PART NUMBER
1	No longer available	—
2	Classes 8, 9, 10, Series P100, P200, P300, P1000, P2000 and P3000 - regular 3/16" type centres, for columns on right	1014 7023
3	Class 10, with non-print of column 1 from OCK 5-0	1025 4415
4	Classes 8, 9, 10, for columns with Keyboard Calendar Feature	1023 3740
5	Classes 8, 9, 10, for columns with Keyboard Calendar Feature cge. cont.	1023 3757

Part Numbers Continued On Next Page

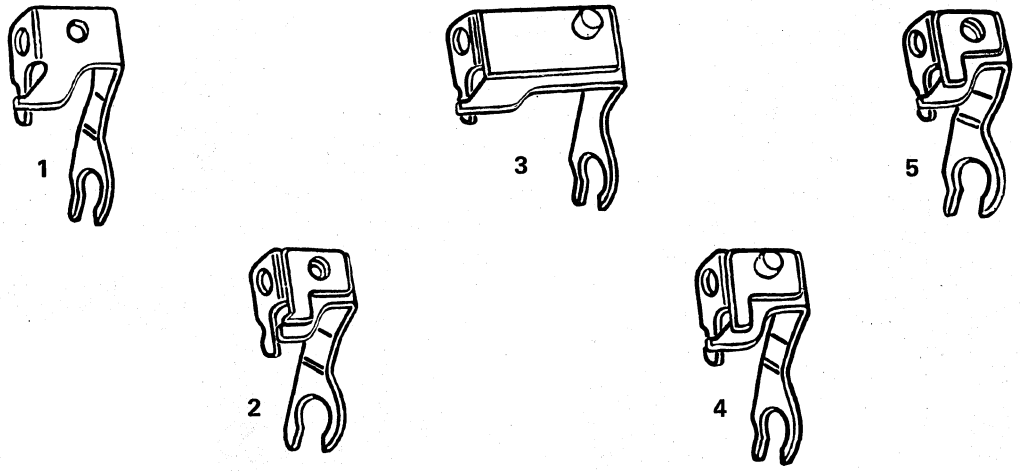
PRINTING

PART NUMBERS (Plate III—7) Continued

Ref.	TYPICAL USE	PART NUMBER
6	Classes 8, 9, 10, except Commercial Tellers Machines, col. 0 prints each operation	1014 7155
7	Class 10 Commercial Tellers Machines, col. 0 prints each operation	1023 3807
8	Class 10, to print cipher in col. 9 from OCK's 5-0 and 6-0	1014 7122
9	Classes 8, 9, 10, Series P100, P200, P300, P1000, P2000, P3000 - regular $^{3}/_{16}$" type centres, for columns on left (copper plated)	1014 7064
10	Same as ref. 9, plus stud for hammer block control from bail	1014 7072
11	Classes 8, 9, 10, for columns with extended totals	1014 7049
12	Class 9, double wheel construction, for cols. 8 and 9, with extended totals and Calendar Feature to print from OCK 6-0	1042 5494
13	Classes 8, 9, 10, for col. 0 with Counter Dial Mechanism or Number Count and Normal Feature (stamped 8)	1023 3799
14	Class 9, not minus balance for col. 0, with automatic count or count and normal, prevents count of blank subtract operations	1042 5528
15	Classes 8, 9, 10, for "number" columns of early construction N.C.N. features	1025 4431
16	Same as Ref. 15, except for all columns to right of number cols.	1025 4449
17,18	No longer available	—
19	Series P400, P5000, for cols. 0, 3 and 4; also cols. 1 and 2 (clear signal ommitted)	1015 8889
20	Series P400, P5000, for cols. 3 and 4 with N.S. and N between cols. 2 and 3; for col. 4 with N.S. and N between cols. 3 and 4	1015 8897
21	Series P400, P5000, for col. 13 single col. Keyboard Calendar Feature	1023 3716
22	Same as Ref. 21 plus non-print control.	1023 3724
23	Series P400, P5000, for cols. 1 and 2	1045 7505
24	Series P400, P5000, for cols. 5 through 13 (copper plated)	1015 8848
25	Series P400, P5000, for cols. of N.S. and N feature to hammer - block specified columns.	1015 8855
26	Classes 8, 9, 10, for R.C.F. or R.C.N.D.	1014 7171
27	Classes 8, 9, 10, for R.C.F. carriage controlled	1042 5411
28	Class 10, for R.C.F. to print from OCK 8-0	1014 7189
29	Class 10, for RCND, carriage controlled	1042 5429
30	Class 10, for RCND advanced during register "A" total operation	1042 5437
Note	For P600, P9000 hammer latches See Plate III - 2 and III - 3	
a b c	Spring for hammer latches refs. 2, 3, 19, 20 and 23 Spring for hammer latches refs. 1, 4 through 16, 21, 22, 24 and 25 Spring for hammer latches refs. 26 through 30	1017 1460 1014 7650 1026 9504

PRINTING

HAMMER LATCH ASSEMBLY ACTUATING ARMS (Plate III–8)

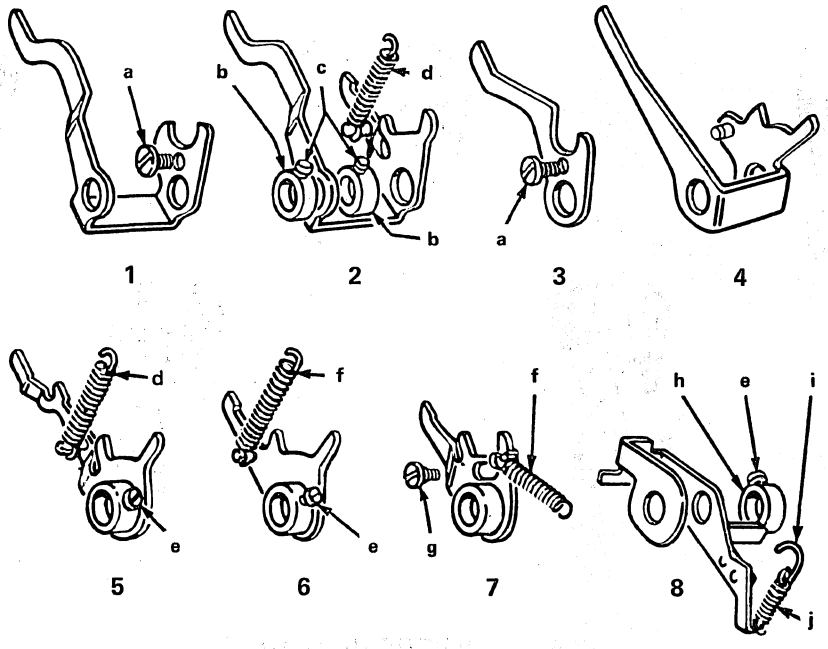


PART NUMBERS (Plate III–8)

Ref.	TYPICAL USE	PART NUMBER
1	Classes 8-9-10, Series P100, P200, P300, P1000, P2000, P3000	1023 2742
2	Classes 8-9-10 with 6" F.F. carriage: also Cash Receipting machines	1042 5148
3	Class 9, 13 col. construction	1014 6447
4	Classes 8-9-10 with non-space, non-print mechanism	1023 2759
5	Series P400, P5000	1015 8202
Note	For Series P600, P9000 see Plates III - 2 and III - 3	

PRINTING

HAMMER LATCH ASSEMBLY BOOSTER ARMS AND INTERLOCKS (Plate III—9)

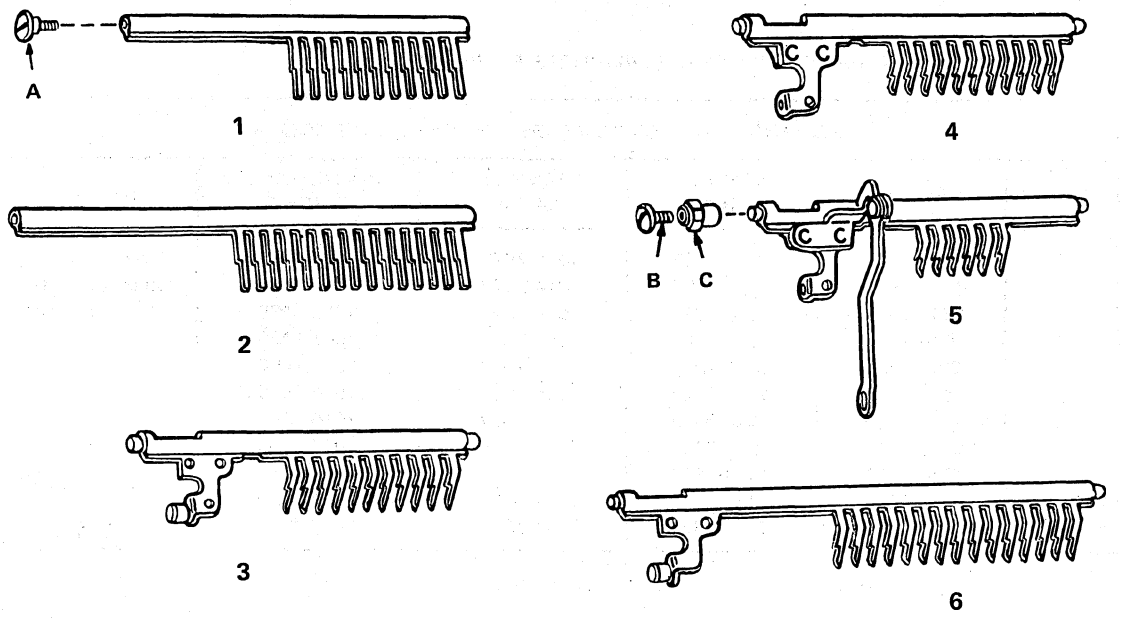


PART NUMBERS (Plate III—9)

Ref.	TYPICAL USE	PART NUMBER
1	Class 9, Style 13, with 12¼" carriage	1014 7445
2	Class 9, Style 13, with Number, Count and Normal feature	1014 7452
3	Classes 8, 9, 10, Series P100, P200, P300, P1000, P2000 and P3000	1014 7437
4	Series P400, P5000 Series P600, P9000 (not illustrated)	1023 3237 1023 3229
5	Classes 8, 9, 10, with 12¼" carriage and counter dial	1013 6984
6 and 7	No longer available	—
8	Interlock for Class 10 with Balance Reducing Feature	1023 2767
a	Screw	1010 5377
b	Set collar	1014 7510
c	Screw	1010 9643
d	Spring	1013 9343
e	Screw	1018 0388
f	Spring	1026 9744
g	Screw	1010 4784
h	Set collar	1014 7528
i	Wire clip	1026 6252
j	Spring	1014 7650

PRINTING

HAMMER AND LATCH GUIDE COMB (TIE SHAFT); HAMMER BLOCK BAIL CHART (Plate III—10)



PART NUMBERS (Plate III—10)

Ref.	DESCRIPTION	PART NUMBER
1	Guide comb - Classes 8, 9, and 10, Series P100, P200, P300, P1000, P2000 and P3000	1014 9870
2	Guide comb - Class 9, 13 col. construction - Series P400, P5000	1014 9854 1016 0398
3	Guide comb and hammer block bail - Classes 8, 9 and 10	1019 3134
4	Guide comb and hammer block bail - Classes 8, 9 and 10 with RCND controlled from specified OCK's	1019 3159
5	Guide comb and hammer block bail - Classes 8, 9 and 10 with 3 7/8" carriage and non-space platen, controlled from OCK's 5-0, 6-0, 7-0 and 8-0	1019 3142
6	Guide comb and hammer block bail - Class 9, 13 col. construction - Series P400, P5000 - Series P5000 ABC machines with shuttle cge.	1019 4777 1019 4777 1224 3598
A	Screw for combs, Nos. 1 and 2 - Use 1010 6839 at both ends; or 1010 7803 for right sides of Class 10, Series P300, P2300, P1400 and P3400	
B	Screw for bails, Nos. 3, 4, 5 and 6	1010 5682
C	Hexagon bushing for bails, Nos. 3, 4, 5 and 6	1015 1645

HAMMERS AND SPRINGS; LATCHES AND SPRINGS, COUPLERS FOR BASIC HAMMERHEADS (Plate III - 11)

STYLES 81001, 81051, 101053; SERIES P301, P1205, P1215, P1415 AND P2301

STANDARD $^{3}/_{16}$" TYPE CENTRES – HAMMERHEAD 1032 8938					
COL.	HAMMER	HAMMER SPRING	HAMMER LATCH	HAMMER LATCH SPRING	SPACER
0	1014 6678	1014 7635	1014 7023	1017 1460	1015 1637 on extreme left of hammer shaft
1	1014 6934	1014 7627	1014 7023	1017 1460	
2	1014 6744	1014 7635	1014 7023	1017 1460	
3	1014 6553	1014 7627	1014 7023	1017 1460	
4	1014 6553	1014 7627	1014 7023	1017 1460	
5	1014 6553	1014 7627	1014 7064	1014 7650	
6	1014 6553	1014 7635	1014 7064	1014 7650	
7	1014 6553	1014 7627	1014 7064	1014 7650	
8	1014 6553	1014 7627	1014 7064	1014 7650	
9	1014 6579	1014 7635	1014 7064	1014 7650	
10	1014 6579	1014 7627	1014 7064	1014 7650	

STYLES 101053; SERIES P1415, P2103 AND P2301

OPTIONAL $^{5}/_{32}$" TYPE CENTRES – HAMMERHEAD 1043 0510					
COL.	HAMMER	HAMMER SPRING	HAMMER LATCH	HAMMER LATCH SPRING	SPACER
0	1014 6538	1014 7635	1015 8889	1017 1460	1015 1637 on extreme left of hammer shaft
1	1014 6892	1014 7627	1015 8889	1017 1460	
2	1023 3690	1014 7635	1015 8889	1017 1460	
3	1015 8822	1014 7627	1015 8889	1017 1460	
4	1015 8616	1014 7627	1015 8889	1017 1460	
5	1015 8640	1014 7627	1015 8848	1014 7650	
6	1015 8657	1014 7635	1015 8848	1014 7650	
7	1015 8715	1014 7627	1015 8848	1014 7650	
8	1015 8749	1014 7627	1015 8848	1014 7650	
9	1015 8780	1014 7635	1015 8848	1014 7650	
10	1015 8376	1014 7627	1015 8848	1014 7650	

Part Numbers Continued On Next Page

PART NUMBERS (Plate III—11) Continued

STYLES 91001, 91053; SERIES P208, P1305, P1315, P1325 AND P2208

STANDARD 3/16" TYPE CENTRES – HAMMERHEAD 1032 8938					
COL.	HAMMER	HAMMER SPRING	HAMMER LATCH	HAMMER LATCH SPRING	SPACER
0	1023 3567	1014 7635	1014 7023	1017 1460	1015 1637 on extreme left of hammer shaft
1	1014 6660	1014 7627	1014 7023	1017 1460	
2	1014 6744	1014 7635	1014 7023	1017 1460	
3	1014 6553	1014 7627	1014 7023	1017 1460	
4	1014 6553	1014 7627	1014 7023	1017 1460	
5	1014 6553	1014 7627	1014 7064	1014 7650	
6	1014 6553	1014 7635	1014 7064	1014 7650	
7	1014 6553	1014 7627	1014 7064	1014 7650	
8	1014 6553	1014 7627	1014 7064	1014 7650	
9	1014 6579	1014 7635	1014 7064	1014 7650	
10	1014 6579	1014 7627	1014 7064	1014 7650	

STYLES 91001, 91053; SERIES P208, P1305, P1315, P1325 AND P2208

OPTIONAL 5/32" TYPE CENTRES – HAMMERHEAD 1043 0510					
COL.	HAMMER	HAMMER SPRING	HAMMER LATCH	HAMMER LATCH SPRING	SPACER
0	1014 6538	1014 7635	1015 8889	1017 1460	1015 1637 on extreme left of hammer shaft
1	1014 6892	1014 7627	1015 8889	1017 1460	
2	1023 3690	1014 7635	1015 8889	1017 1460	
3	1015 8822	1014 7627	1015 8889	1017 1460	
4	1015 8616	1014 7627	1015 8889	1017 1460	
5	1015 8640	1014 7627	1015 8848	1014 7650	
6	1015 8657	1014 7635	1015 8848	1014 7650	
7	1015 8715	1014 7627	1015 8848	1014 7650	
8	1015 8749	1014 7627	1015 8848	1014 7650	
9	1015 8780	1014 7635	1015 8848	1014 7650	
10	1015 8376	1014 7627	1015 8848	1014 7650	

Part Numbers Continued On Next Page

PART NUMBERS (Plate III—11) Continued

STYLES 91301 AND 91355

STANDARD 3/16" TYPE CENTRES – HAMMERHEAD 1215 3904					
COL.	HAMMER	HAMMER SPRING	COUPLER	HAMMER LATCH	HAMMER LATCH SPRING
0	1014 6652	1014 7635		1014 7023	1017 1460
1	1014 6660	1014 7627		1014 7023	1017 1460
2	1014 6744	1014 7635		1014 7023	1017 1460
3	1014 6579	1014 7627		1014 7023	1017 1460
4	1014 6579	1014 7627		1014 7023	1017 1460
5	1014 6579	1014 7627		1014 7064	1014 7650
6	1014 6579	1014 7635		1014 7064	1014 7650
7	1014 6553	1014 7627		1014 7064	1014 7650
8	1014 6579	1014 7627		1014 7064	1014 7650
9	1014 6959	1014 7627	1014 7197	1014 7072	1014 7650
10	1014 6579	1014 7627		1014 7072	1014 7650
11	1014 6553	1014 7627		1014 7072	1014 7650
12	1014 6579	1014 7627		1014 7072	1014 7650
13	1014 6579	1014 7627		1014 7072	1014 7650

SERIES P401 AND P5525-01

STANDARD 5/32" TYPE CENTRES – HAMMERHEAD 1019 4553					
COL.	HAMMER	HAMMER SPRING	COUPLER	HAMMER LATCH	HAMMER LATCH SPRING
00	1015 8392	1014 7635	1015 9036		
0	1015 8350	1014 7635		1015 8889	1017 1460
1	1015 8400	1014 7627		1015 8889	1017 1460
2	1023 3690	1014 7635		1015 8889	1017 1460
3	1015 8822	1014 7627		1015 8889	1017 1460
4	1015 8616	1014 7627		1015 8889	1017 1460
5	1015 8640	1014 7627		1015 8848	1014 7650
6	1015 8657	1014 7635		1015 8848	1014 7650
7	1015 8715	1014 7627		1015 8848	1014 7650
8	1015 8749	1014 7627		1015 8848	1014 7650
9	1015 8780	1014 7635		1015 8848	1014 7650
10	1015 8376	1014 7627		1015 8848	1014 7650

Part Numbers Continued On Next Page

PART NUMBERS (Plate III—11) Continued

SERIES P402 AND P5528-02

STANDARD 5/32" TYPE CENTRES – HAMMER HEAD 1019 4561					
COL.	HAMMER	HAMMER SPRING	COUPLER	HAMMER LATCH	HAMMER LATCH SPRING
00	1015 8392	1014 7635	1015 9036		
0	1015 8350	1014 7627		1015 8889	1017 1460
1	1015 8400	1014 7627		1015 8889	1017 1460
2	1023 3690	1014 7635		1015 8889	1017 1460
3	1015 8822	1014 7627		1015 8889	1017 1460
4	1015 8616	1014 7627		1015 8889	1017 1460
5	1015 8640	1014 7627		1015 8848	1014 7650
6	1015 8657	1014 7635		1015 8848	1014 7650
7	1015 8745	1014 7627		1015 8848	1014 7650
8	1015 8749	1014 7627		1015 8848	1014 7650
9	1015 8491	1014 7627		1015 8848	1014 7650
10	1015 8376	1014 7627		1015 8848	1014 7650
11	1015 8368	1014 7627		1015 8848	1014 7650
12	1015 8376	1014 7627		1015 8848	1014 7650
13	1015 8376	1014 7627		1015 8848	1014 7650

PRINTING

STANDARD TYPE - 3/16" TYPE CENTRES (.070", .100", .110", .130") CLASSES 8, 9 AND 10, SERIES P100, P200, P300, P1000, P2000 AND P3000 (Plate III—12)

TYPE	DESCRIPTION	OFFSET	PITCH	TYPE HEIGHT	STYLE OF TYPE *	PART NUMBER
0 to 9	Plain	Central	10	0.100"	Gothic	1014 0192
0 to 9	Plain - bar .170" wide	Left	10	0.100"	Gothic	1014 0218
0 to 9	Plain	Central	10	0.110"	Bold face	1014 0887
0 to 9	Plain - bar .170" wide	Right	10	0.100"	Gothic	1014 0986
0 to 9	Plain	Left	10	0.110"	Bold face	1014 0994
0 to 9	Plain	Right	10	0.100"	Gothic	1014 0804
0 to 9	Plain	Central	10	0.130"	Gothic	1014 0200
0 to 9	Plain	Right	10	0.110"	Bold face	1042 2426
0 to 9	Plain	Left	10	0.130"	Gothic	1014 0812
0 to 9	Plain	Central	10	0.070"	Gothic	1014 0820
0 to 9	Plain	Right	10	0.070"	Gothic	1014 0838
0 to 9	Plain	Left	10	0.070"	Gothic	1014 0846
0 to 9	Plain - bar .097" wide	Right	10	0.100"	Gothic	1014 0853
0 to 9	Plain - bar .160" wide	Left	10	0.100"	Gothic	1014 0861
0 to 9	Plain	Right	10	0.130"	Gothic	1014 0879
0 to 9	Plain	Central	10	0.080"	Italic	1014 0705
0 to 11	Plain	Right	12	0.070"	Gothic	1067 9132
0 to 11	Plain	Right	12	0.100"	Gothic	1067 9124
0 to 11	Plain	Right	12	0.100"	Gothic	1052 0435
.0 to .9	Period Left	Central	10	0.100"	Gothic	1014 0184
0. to 9.	Period Right	Central	10	0.100"	Gothic	1014 0622
.0 to .9	Period Left	Central	10	0.110"	Bold face	1014 0739
.0 to .9	Period Left	Right	10	0.100"	Gothic	1014 0788
0. to 9.	Period Right	Central	10	0.110"	Bold face	1014 0796
.0 to .9	Period Left	Central	10	0.130"	Gothic	1014 0713
.0 to .9	Period Left	Central	10	0.070"	Gothic	1014 0721
0. to 9.	Period Right	Central	10	0.130"	Gothic	1014 0630
0. to 9.	Period Right	Right	10	0.130"	Gothic	1014 0648
.0 to .9	Period Left	Central	10	0.080"	Italic	1014 0697
.0 to .11	Period Left	Right	12	0.070"	Gothic	1052 0997
.00 to .90	Period Left	Right	10	0.100"	Gothic	1042 2269
0, to 9,	Comma Right	Central	10	0.100"	Gothic	1014 0051
,0 to ,9	Comma Left	Central	10	0.100"	Gothic	1014 0556
0, to 9,	Comma Right	Central	10	0.110"	Bold face	1014 0580
,0 to ,9	Comma Left	Right	10	0.100"	Gothic	1042 1998
,0 to ,9	Comma Left	Central	10	0.110"	Bold face	1042 2012
0, to 9,	Comma Right	Central	10	0.130"	Gothic	1014 0564
,0 to ,9	Comma Left	Central	10	0.130"	Gothic	1014 0572
:0 to :9	Colon Left	Central	10	0.100"	Gothic	1014 0531
:0 to :9	Colon Left	Central	10	0.130"	Gothic	1014 0549
:0 to :9	Colon Left	Central	12	0.070"	Gothic	1052 0419
0° to 9°	Brazil Cipher Right	Central	10	0.100"	Gothic	1042 0800
1/8, 1/4 etc.	Fraction	Central	8	0.110"	Gothic	1014 5241
1/8, 2/8 etc.	Fraction	Central	8	0.110"	Gothic	1014 5266
1-2-3-4-5 etc.	Numerator	Central	8	0.070"	Gothic	1014 5258
1/3 - 2/3	Fraction	Central	10	0.110"	Gothic	1041 8655
1/2	Fraction	Central	10	0.100"	Gothic	1014 1158
1-2-3	Numerator	Central	12	0.070"	Gothic	1041 8481
0 - 2½ - 5 - 7½	Numerator	Central	12	0.100"	Gothic	1041 8523
1-3-5-7	Fraction	Right	16	0.070"	Gothic	1046 1952
0-2-4-6	Fraction	Left	16	0.070"	Gothic	1052 1003
0- to 9-	Hyphen Right	Left	10	0.070"	Gothic	1014 0655
0- to 9-	Hyphen Right	Left	10	0.100"	Gothic	1014 0663

* 1 2.3 4 Gothic 1 3.50 Boldface 5 6 3 Italic

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PART NUMBERS (Plate III - 12) Continued
CONDENSED TYPE - 5/32" TYPE CENTRES (0.070") SERIES P400 AND P5000

COL. USED	TYPE	DESCRIPTION	TYPE OFFSET	SHANK OFFSET	PITCH	STAMPED ON BAR	PART NUMBER
1	0 to 9	Plain	Left	Left	10	1A	1042 0305
1	0 to 9	Plain (monetary punctuation)	Left	Left	10	291	1045 3579
1	0 to 9	Plain (numerical punctuation)	Left	Left	10	125	1015 6594
2	0 to 9	Plain	Left	Left	10	131	1015 6636
2	0 to 11	Plain	Left	Left	12	132	1015 6644
2	.0 to .9	Period Left (monetary punct.)	Left	Left	10	128	1045 0732
2	.0 to .9	Period Left	Left	Left	10	2A	1042 0347
2	,0 to ,9	Comma Left	Left	Left	10	130	1045 0773
3	0 to 9	Plain	Left	Left	10	133	1015 6651
3	.0 to .9	Period Left	Left	Left	10	137	1045 0872
3	0. to 9.	Period Right	Left	Left	10	3A	1042 0362
3	,0 to ,9	Comma Left	Left	Left	10	136	1045 0856
4	0 to 9	Plain	Left	Left	10	4A	1042 0388
4	0 to 9	Plain (mon. or num. punct.)	Left	Left	10	138	1045 0898
4	0 to 9	Plain (Egyptian punctuation)	Left	Left	10	140	1045 0930
4	0. to 9.	Period Right	Central	Left	10	139	1015 6677
4	.0 to.9	Period Left	Left	Left	10	143	1015 6693
4	0, to 9,	Comma Right	Central	Left	10	141	1045 0955
4	,0 to ,9	Comma Left	Left	Left	10	142	1045 0971
5	0 to 9	Plain	Central	Central	10	5A	1042 0404
5	0 to 9	Plain (mon. or num. punct.)	Central	Central	10	144	1015 6701
5	0, to 9,	Comma Right	Central	Central	10	146	1045 1029
6	0 to 9	Plain	Right	Right	10	6A	1042 0446
6	0 to 9	Plain (mon. or num. punct.)	Right	Right	10	148	1015 6719
6	0. to 9.	Period Right	Right	Right	10	149	1045 1078
6	0, to 9,	Comma Right	Right	Right	10	147	1045 1045
7	0 to 9	Plain	Right	Right	10	7A	1042 0461
7	0 to 9	Plain (mon. or num. punct.)	Right	Right	10	150	1015 6735
7	0. to 9.	Period Right	Right	Right	10	152	1015 6743
7	0, to 9,	Comma Right	Right	Right	10	151	1045 1110
8	0 to 9	Plain	Right	Right	10	8A	1042 0503
8	0 to 9	Plain (mon. or num. punct.)	Right	Right	10	153	1015 6750
8	0, to 9,	Comma Right	Right	Right	10	154	1045 1151
9	0 to 9	Plain	Right	Right	10	157	1015 6768
9	0. to 9.	Period Right	Right	Right	10	158	1045 1219
9	0, to 9,	Comma Right	Right	Right	10	156	1045 1185
10	0 to 9	Plain	Right	Right	10	159	1015 6776
10	0, to 9.	Period Right	Right	Right	10	161	1015 6800
10	0, to 9,	Comma Right	Right	Right	10	160	1015 6792
11,12,13	0 to 9	Plain	Right	Right	10	162	1015 6818

Part Numbers Continued On Next Page

PART NUMBERS (Plate III - 12) Continued
CONDENSED TYPE - 5/32" TYPE CENTRES (0.130") SERIES P400 AND P5000

COL. USED	TYPE	DESCRIPTION	TYPE OFFSET	SHANK OFFSET	PITCH	STAMPED ON BAR	PART NUMBER
1	0 to 9	Plain	Left	Left	10	163	1015 6826
1	.0 to .9	Period Left	Left	Left	10	164	1045 1292
2	0 to 9	Plain (monetary punctuation)	Left	Left	10	166	1045 1326
2	0 to 9	Plain (numerical punctuation)	Left	Left	10	168	1015 6842
2	.0 to .9	Period Left	Left	Left	10	165	1015 6834
2	,0 to ,9	Comma Left	Left	Left	10	167	1045 1342
3	0 to 9	Plain (monetary and numerical or single fraction punct.)	Left	Left	10	169	1015 6859
3	0 to 9	Plain (monetary double fraction punctuation)	Left	Left	10	171	1045 1409
3	0 to 9	Plain (numerical double fraction punctuation)	Left	Left	10	173	1045 1441
3	0 to 9	Plain (Brazil and Egypt punctuation)	Left	Left	10	174	1045 1466
3	.0 to .9	Period Left	Left	Left	10	170	1045 1383
3	,0 to ,9	Comma Left	Left	Left	10	172	1045 1425
4	0 to 9	Plain (num. single frac. and monetary punctuation)	Central	Left	10	175	1015 6867
4	0 to 9	Plain (num. double frac. and mon. single frac. punctuation)	Left	Left	10	176	1045 1490
4	0 to 9	Plain (Egyption punctuation)	Left	Left	10	181	1045 1599
4	.0 to .9	Period Left	Left	Left	10	177	1045 1516
4	,0 to ,9	Comma Left	Left	Left	10	178	1045 1532
4	0. to 9.	Period Right	Central	Left	10	180	1015 6883
4	0, to 9,	Comma Right	Central	Left	10	179	1045 1557
5	0 to 9	Plain (num. double fraction and mon. punctuation)	Right	Central	10	182	1015 6891
5	0 to 9	Plain (mon. single and double frac. and num. punct.)	Central	Central	10	183	1015 6909
5	0. to 9.	Period Right	Right	Central	10	185	1045 1656
5	0, to 9,	Comma Right	Right	Central	10	184	1045 1631
6	0 to 9	Plain	Right	Right	10	187	1015 6925
6	0. to 9.	Period Right	Right	Right	10	188	1045 1698
6	0, to 9,	Comma Right	Right	Right	10	186	1015 6917
7	0 to 9	Plain	Right	Right	10	189	1015 6933
7	0. to 9.	Period Right	Right	Right	10	191	1015 6958
7	0, to 9,	Comma Right	Right	Right	10	190	1045 1730
8	0 to 9	Plain (num. double fraction and monetary punct.)	Right	Right	10	192	1015 6966
8	0 to 9	Plain (mon. single fraction and num. and Egyption punct.)	Right	Right	10	193	1015 6974
8	0. to 9.	Period Right	Right	Right	10	195	1015 6982
8	0, to 9,	Comma Right	Right	Right	10	194	1045 1789
9	0 to 9	Plain	Right	Right	10	196	1015 6990
9	0. to 9.	Period Right	Right	Right	10	198	1045 1839
9	0, to 9,	Comma Right	Right	Right	10	197	1015 7006
10	0 to 9	Plain	Right	Right	10	202	1015 7048
10	0 to 9	Plain (mon. single fraction and num. and Egyption punct.)	Right	Right	10	199	1015 7014
10	0. to 9.	Period Right	Right	Right	10	201	1015 7030
10	0, to 9,	Comma Right	Right	Right	10	200	1045 1870
11-12-13	0 to 9	Plain	Right	Right	10	203	1015 7055

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PART NUMBERS (Plate III–12) Continued
CONDENSED TYPE - 5/32" TYPE CENTRES (.100" AND .110") CLASSES 8-9-10, SERIES P100, P200, P300, P1000, P2000, P3000, P400 AND P5000.

COL. USED	TYPE	DESCRIPTION *	TYPE OFFSET	SHANK OFFSET	PITCH	TYPE HEIGHT	STAMPED ON BAR	PART NUMBER
1	0 to 9	Plain - Gothic	Left	Left	10	0.100"	51	1015 7493
1	0 to 9	Plain - Gothic	Left	Left	10	0.100"	71	1015 7592
1	.0 to .9	Period Left - Gothic	Left	Left	10	0.100"	61	1045 3918
1	,00 to ,09	Comma Left - Gothic	Left	Left	10	0.100"	81	1023 6552
1	0 to 11	Plain - Gothic	Left	Left	12	0.100"	1C	1015 6404
1	1/8 to 7/8	Fractions - Gothic	Left	Left	8	0.110"	1B	1015 6453
1	1/2	Fractions - Bold face	Left	Left	10	0.110"		1643 0340
1	1/8 to 7/8	Fractions - Gothic	Left	Left	8	0.110"	1D	1015 6479
2	0 to 9	Plain - Gothic	Left	Left	10	0.100"	72	1015 7600
2	0. to 9.	Period Right - Gothic	Left	Left	10	0.100"	2AS	1015 7097
2	.0 to .9	Period Left - Gothic	Left	Left	10	0.100"	2	1015 7022
2	,0 to ,9	Comma Left - Gothic	Left	Left	10	0.100"	52	1015 7501
2	0 to 11	Plain - Gothic	Left	Left	12	0.100"	2C	1045 6473
3	0 to 9	Plain - Gothic	Left	Left	10	0.100"	3A	1015 7279
3	0. to 9.	Period Right - Gothic	Left	Left	10	0.100"	3B	1015 6784
3	0. to 9.	Period Right - Gothic	Left	Left	10	0.100"	16B	1045 6705
3	.0 to .9	Period Left - Gothic	Left	Left	10	0.100"	73	1015 7618
3	,0 to ,9	Comma Left - Gothic	Left	Left	10	0.100"	63	1015 7576
4	0 to 9	Plain - Gothic	Left.012	Left	10	0.100"	4A	1015 7386
4	0 to 9	Plain - Gothic	Left.036	Left	10	0.100"	44	1045 3751
4	0. to 9.	Period Right - Gothic	Left	Left	10	0.100"	4AS	1015 7113
4	.0 to .9	Period Left - Gothic	Left	Left	10	0.100"	74	1015 7626
4	0, to 9,	Comma Right - Gothic	Left	Left	10	0.100"	5A	1015 7519
4	,0 to ,9	Comma Left - Gothic	Left	Left	10	0.100"	64	1045 3959
5	0 to 9	Plain - Gothic	Central	Central	10	0.100"	5A	1015 7477
5	0. to 9.	Period Right - Gothic	Central	Central	10	0.100"	5B	1015 6727
5	0, to 9,	Comma Right - Gothic	Central	Central	10	0.100"	55	1015 7527
6	0 to 9	Plain - Gothic	Right	Right	10	0.100"	6AS	1015 7170
6	.0 to .9	Period Left - Gothic	Right	Right	10	0.100"	19B	1045 6747
6	0. to 9.	Period Right - Gothic	Right	Right	10	0.100"	56	1015 7535
6	0, to 9,	Comma Right - Gothic	Right	Right	10	0.100"	6	1015 7550
7	0. to 9.	Period Right - Gothic	Right	Right	10	0.100"	77	1015 7634
7	0 to 9	Plain - Gothic	Right	Right	10	0.100"	7A	1015 7584
7	0, to 9,	Comma Right - Gothic	Right	Right	10	0.100"	7AS	1015 7196
7	,0 to ,9	Comma Left - Gothic	Right	Right	10	0.100"		1045 7067
8	0 to 9	Plain - Gothic	Right	Right	10	0.100"	8A	1015 7642
8	0. to 9.	Period Right - Gothic	Right	Right	10	0.100"	18	1015 6875
8	.0 to .9	Period Left - Gothic	Right	Right	10	0.100"	9B	1045 7182
8	0, to 9,	Comma Right - Gothic	Right	Right	10	0.100"	8B	1015 6685
9	0 to 9	Plain - Gothic	Right	Right	10	0.100"	9A	1015 6941
9	0. to 9.	Period Right - Gothic	Right	Right	10	0.100"	59	1015 7543
9	.0 to .9	Period Left - Gothic	Right	Right	10	0.100"	4B	1045 7083
9	0, to 9,	Comma Right - Gothic	Right	Right	10	0.100"	9	1015 7733
9	,0 to ,9	Comma Left - Gothic	Right	Right	10	0.100"	5B	1045 7109
10	0 to 9	Plain - Gothic	Right	Right	10	0.100"	10A	1015 6495
10	0. to 9.	Period Right - Gothic	Right	Right	10	0.100"	80	1015 7659
10	.0 to .9	Period Left - Gothic	Right	Right	10	0.100"	1B	1045 6564
10 or 13	0, to 9,	Comma Right - Gothic	Right	Right	10	0.100"	10B	1015 6628
11 or 12	0, to 9,	Comma Right - Gothic	Right	Right	10	0.100"	11	1015 6537
11	0 to 9	Plain - Gothic	Left	Right	10	0.100"	8B	+1045 7166

* 1 2.3 4 Gothic 1 3.5 0 Boldface

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PART NUMBERS (Plate III–12) Continued
CONDENSED TYPE - 5/32" TYPE CENTRES (.100" AND .110"), CLASSES 8-9-10, SERIES P100, P200, P300, P1000, P2000, P3000, P400 AND P5000

COL. USED	TYPE	DESCRIPTION *	TYPE OFFSET	SHANK OFFSET	PITCH	TYPE HEIGHT	STAMPED ON BAR	PART NUMBER
11	0 to 9	Plain - Gothic	Right	Left	10	0.100"	21B	1015 6545
12	0 to 9	Plain - Gothic	Right	Right	10	0.100"	18B	1045 6721
13	0-to 9-	Hyphen Right - Gothic	Right	Right	10	0.100"	2B	1045 6762
11,12,13	0 to 9	Plain - Gothic	Right	Right	10	0.100"	11A	1015 7071
11,12,13	0. to 9.	Period Right - Gothic	Right	Right	10	0.100"	62	1015 7568

* 1 2.3 4 Gothic **1 3.5 0 Boldface**

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PART NUMBERS (Plate III—12) Continued
CONDENSED TYPE - 5/32" TYPE CENTRES (.100" AND .110")
SERIES P600, P5000 AND P9000

COL. USED	TYPE	DESCRIPTION (GOTHIC ONLY)	TYPE OFFSET	SHANK OFFSET	PITCH	TYPE HEIGHT	STAMPED ON BAR	PART NUMBER
1	0 to 9	Plain	Left	Left	10	0.100"	31	1015 7287
1	,0 to ,9	Comma Left	Left	Left	10	0.100"	332	1023 6230
1	0 to 9	Plain	Left	Left	12	0.100"		1015 6420
1	1/8 to 7/8	Fractions	Left	Left	8	0.110"	4F	1015 6487
1	1/2	Fraction	Left	Left	10	0.110"	100	1045 0575
2	.0 to .9	Period Left	Left	Left	10	0.100"	32	1015 7295
2	0. to 9.	Period Right	Left	Left	10	0.100"	47	1015 7444
2	0 to 9	Plain	Left	Left	10	0.100"	82	1015 7675
2	,0 to ,9	Comma Left	Left	Left	10	0.100"	92	1015 7766
2	0 to 11	Plain	Left	Left	12	0.100"		1015 6438
2	,00 to ,99	Comma Left	Left	Left	10	0.100"	102	1015 6511
3	0 to 9	Plain	Left	Left	10	0.100"	33	1015 7303
3	,0 to ,9	Comma Left	Left	Left	10	0.100"	103	1045 0617
3	.0 to .9	Period Left	Left	Left	10	0.100"	93	1015 7774
4	0 to 9	Plain	Left	Left	10	0.100"	34	1015 7329
4	0, to 9,	Comma Right	Central	Left	10	0.100"	84	1015 7683
4	0. to 9.	Period Right	Central	Left	10	0.100"	48	1015 7451
5	0 to 9	Plain	Central	Central	10	0.100"	35	1015 7337
5	0. to 9.	Period Right	Right	Central	10	0.100"	43	1015 7410
5	0, to 9,	Comma Right	Right	Right	10	0.100"	105	1015 6529
6	0, to 9,	Comma Right	Right	Right	10	0.100"	36	1015 7345
6	0 to 9	Plain	Right	Right	10	0.100"	49	1015 7469
6	0. to 9.	Period Right	Right	Right	10	0.100"	86	1015 7691
7	0, to 9,	Comma Right	Right	Right	10	0.100"	50	1015 7485
7	0 to 9	Plain	Right	Right	10	0.100"	37	1015 7352
7	0. to 9.	Period Right	Right	Right	10	0.100"	87	1015 7709
8	0 to 9	Plain	Right	Right	10	0.100"	38	1015 7360
8	0, to 9,	Comma Right	Right	Right	10	0.100"	42	1015 7402
8	0. to 9.	Period Right	Right	Right	10	0.100"	88	1015 7717
9	0, to 9,	Comma Right	Right	Right	10	0.100"	39	1015 7378
9	0 to 9	Plain	Right	Right	10	0.100"	46	1015 7436
9	0. to 9.	Period Right	Right	Right	10	0.100"	89	1015 7725
10	0, to 9,	Comma Right	Right	Right	10	0.100"	90	1015 7741
11	0 to 9	Plain	Central	Right	10	0.100"	40A	1023 5455
11	0 to 9	Plain	Left	Left	10	0.100"	91	1015 7758
12	0 to 9	Plain	Right	Right	10	0.100"	40	1015 7394
12	0, to 9,	Comma Right	Right	Right	10	0.100"	112	1015 6552

NOTE: For Character type bars in columns 10 and 13. See Plate III - 14

For Months type bars in column 13. See Plate III - 14

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PART NUMBERS (Plate III—12) Continued
CONDENSED TYPE - 5/32" TYPE CENTRES (.070"), SERIES P600, P5000 AND P9000

COL. USED	TYPE	DESCRIPTION (GOTHIC ONLY)	TYPE OFFSET	SHANK OFFSET	PITCH	STAMPED ON BAR	PART NUMBER
1	0 to 9	Plain (monetary punctuation)	Left	Left	10	204	1015 7063
1	0 to 9	Plain (numerical punctuation)	Left	Left	10	205	1045 1938
1	,0 to ,9	Comma Left	Left	Left	10	331	1023 6248
1	.0 to .9	Period Left	Left	Left	10	207	1045 1979
1	0 to 11	Plain	Left	Left	12	208	1045 1995
2	.0 to .9	Period Left	Left	Left	10	209	1045 2019
2	0. to 9.	Period Right	Left	Left	10	210	1045 2043
2	0 to 9	Plain	Left	Left	10	211	1045 2068
2	,0 to ,9	Comma Left	Left	Left	10	212	1045 2084
2	0 to 11	Plain	Left	Left	12	213	1015 7089
2	,00 to,90	Comma Left	Left	Left	10	246	1045 2779
3	0 to 9	Plain	Left	Left	10	214	1045 2118
3	0. to 9.	Period Right	Left	Left	10	216	1045 2159
3	.0 to .9	Period Left	Left	Left	10	217	1045 2175
3	,0 to ,9	Comma Left	Left	Left	10	218	1045 2191
4	0 to 9	Plain	Left	Left	10	219	1045 2217
4	0. to 9.	Period Right	Central	Left	10	220	1045 2241
4	0, to 9,	Comma Right	Central	Left	10	221	1045 2266
4	.0 to .9	Period Left	Left	Left	10	222	1045 2282
4	,0 to ,9	Comma Left	Left	Left	10	223	1045 2308
4	0 to 9	Plain (Egyptian punct.)	Left	Left	10	224	1045 2324
5	0 to 9	Plain	Central	Central	10	225	1045 2340
5	0. to 9.	Period Right	Right	Central	10	226	1045 2365
5	0, to 9,	Comma Right	Right	Central	10	227	1045 2381
6	0 to 9	Plain	Right	Right	10	229	1045 2423
6	0. to 9.	Period Right	Right	Right	10	230	1045 2456
6	0, to 9,	Comma Right	Right	Right	10	228	1045 2407
7	0 to 9	Plain	Right	Right	10	231	1045 2472
7	0. to 9.	Period Right	Right	Right	10	233	1045 2514
7	0, to 9,	Comma Right	Right	Right	10	232	1045 2498
8	0 to 9	Plain	Right	Right	10	234	1045 2530
8	0. to 9.	Period Right	Right	Right	10	236	1045 2571
8	0, to 9,	Comma Right	Right	Right	10	235	1045 2555
9	0 to 9	Plain	Right	Right	10	238	1045 2613
9	0. to 9.	Period Right	Right	Right	10	239	1045 2639
9	0, to 9,	Comma Right	Right	Right	10	237	1045 2597
10	0 to 9	Plain	Right	Right	10	241	1015 7121
10	0. to 9.	Period Right	Right	Right	10	243	1045 2712
10	0, to 9,	Comma Right	Right	Right	10	242	1045 2696
11	0 to 9	Plain	Central	Right	10	240	1045 2662
11	0 to 9	Plain	Right	Right	10	241	1015 7121
11	0. to 9.	Period Right	Right	Right	10	245	1045 2753
11	0, to 9,	Comma Right	Right	Right	10	244	1045 2738
12	0 to 9	Plain	Right	Right	10	241	1015 7121
12	0. to 9.	Period Right	Right	Right	10	245	1045 2753
12	0, to 9,	Comma Right	Right	Right	10	244	1045 2738
13	0 to 9	Plain	Right	Right	10	241	1015 7121
13	0. to 9.	Period Right	Right	Right	10	245	1045 2753
13	0, to 9,	Comma Right	Right	Right	10	244	1045 2738

Part Numbers Continued On Next Page

PRINTING

PART NUMBERS (Plate III—12) Continued

CONDENSED TYPE - 5/32" TYPE CENTRES (.130") SERIES P600, P5000 AND P9000

COL. USED	TYPE	DESCRIPTION (GOTHIC ONLY)	TYPE OFFSET	SHANK OFFSET	PITCH	STAMPED ON BAR	PART NUMBER
1	0 to 9	Plain	Left	Left	10	247	1015 7139
1	.0 to .9	Period Left	Left	Left	10	248	1045 2803
2	0 to 9	Plain (num. punctuation)	Left	Left	10	251	1045 2852
2	0 to 9	Plain (mon. punctuation)	Left	Left	10	252	1045 2878
2	.0 to .9	Period Left	Left	Left	10	249	1015 7147
2	,0 to ,9	Comma Left	Left	Left	10	250	1045 2837
3	0 to 9	Plain	Left	Left	10	253	1015 7154
3	0 to 9	Plain (mon. double frac. punct.)	Left	Left	10	258	1045 2985
3	0 to 9	Plain (num. double frac. punct.)	Left	Left	10	257	1045 2969
3	0 to 9	Plain (Brazil and Egypt. punct.)	Left	Left	10	254	1045 2902
3	.0 to .9	Period Left	Left	Left	10	255	1045 2928
3	,0 to ,9	Comma Left	Left	Left	10	256	1045 2944
4	0 to 9	Plain (num. punctuation)	Central	Left	10	259	1015 7162
4	0 to 9	Plain (mon. punctuation)	Left	Left	10	262	1045 3066
4	0 to 9	Plain (Egyptian punct.)	Left	Left	10	265	1045 3124
4	.0 to .9	Period Left	Left	Left	10	263	1045 3082
4	0. to 9.	Period Right	Central	Left	10	261	1045 3041
4	,0 to ,9	Comma Left	Left	Left	10	264	1045 3108
4	0, to 9,	Comma Right	Central	Left	10	260	1045 3025
5	0 to 9	Plain (mon. sgle. or double fraction punct.)	Right	Central	10	266	1015 7188
5	0 to 9	Plain (num. double fraction punct.)	Right	Central	10	267	1045 3157
5	0. to 9.	Period Right	Right	Central	10	268	1045 3173
5	0, to 9,	Comma Right	Right	Central	10	269	1045 3199
6	0 to 9	Plain	Right	Right	10	272	1015 7212
6	0. to 9.	Period Right	Right	Right	10	271	1045 3231
6	0, to 9,	Comma Right	Right	Right	10	270	1015 7204
7	0 to 9	Plain	Right	Right	10	273	1015 7220
7	0. to 9.	Period Right	Right	Right	10	275	1045 3298
7	0, to 9,	Comma Right	Right	Right	10	274	1045 3272
8	0 to 9	Plain (mon. and num. dble. fractions punct.)	Right	Right	10	276	1015 7238
8	0 to 9	Plain (mon. and num. single fractions punct.)	Right	Right	10	277	1045 3322
8	0. to 9.	Period Right	Right	Right	10	279	1045 3363
8	0, to 9,	Comma Right	Right	Right	10	278	1045 3348
9	0 to 9	Plain	Right	Right	10	282	1015 7253
9	0. to 9.	Period Right	Right	Right	10	281	1045 3397
9	0, to 9,	Comma Right	Right	Right	10	280	1015 7246
10	0 to 9	Plain (P606 - P641)	Right	Right	10	290	1015 7261
10	0 to 9	Plain (P603 - P604 - P641)	Right	Right	10	287	1045 3504
10	0. to 9.	Period Right	Right	Right	10	286	1045 3488
10	0, to 9,	Comma Right	Right	Right	10	285	1045 3462
11	0 to 9	Plain	Central	Right	10	283	1045 3421
11,12,13	0 to 9	Plain	Right	Right	10	284	1045 3447
11,12,13	0. to 9.	Period Right	Right	Right	10	289	1045 3546
11,12,13	0, to 9,	Comma Right	Right	Right	10	288	1045 3520

Part Numbers Continued On Next Page

PART NUMBERS (Plate III—12) Continued

EXTRA CONDENSED TYPE — 1/8" TYPE CENTRES - Class 9 Book-keepers

COL. USED	TYPE	DESCRIPTION	TYPE OFFSET	SHANK OFFSET	PITCH	HEIGHT	STAMPED ON BAR	PART NUMBER
1	0 to 9	Plain - Gothic	Left	Left	10	0.100"	31	1014 0895
2	.0 to .9	Period Left - Gothic	Left	Left	10	0.100"	32	1014 0747
2	,0 to ,9	Comma Left - Gothic	Left	Left	10	0.100"	32	1014 0598
2	0. to 9.	Period Right - Bold face	Left	Left	10	0.110"	32S	1014 0754
3	0 to 9	Plain - Gothic	Left	Left	10	0.100"	33	1014 0903
3	0 to 9	Plain - Bold face	Left	Left	10	0.110"	33S	1014 0911
4	0 to 9	Plain - Bold face	Central	Central	10	0.110"	34	1014 0929
4	0. to 9.	Period Right - Bold face	Left	Central	10	0.110"	34S	1014 0762
5	0 to 9	Plain - Gothic	Right	Right	10	0.100"	35	1014 0937
5	0 to 9	Plain - Bold face	Left	Right	10	0.110"	35S	1014 0945
6	0. to 9.	Period Right - Gothic	Right	Right	10	0.100"	36	1014 0770
6	0, to 9,	Comma Right - Gothic	Right	Right	10	0.100"	36	1014 0606
6	0 to 9	Plain - Bold face	Right	Right	10	0.110"	36S	1014 0952
7	0 to 9	Plain - Gothic	Right	Right	10	0.100"	37	1014 0960
7	0, to 9,	Comma Right - Bold face	Right	Right	10	0.110"	37S	1014 0614
8	0 to 9	Plain -Gothic	Right	Right	10	0.100"	38	1014 0978

Part Numbers Continued On Next Page

PART NUMBERS (Plate III - 12) Continued

FARRINGTON SELF CHECK TYPE - 3/16" TYPE CENTRES, FONT 12F11, CLASSES 8, 9 AND 10, SERIES P100, P200, P300, P1000, P2000.

COLUMN USED	TYPE	DESCRIPTION	PITCH	PART NUMBER
1, 3, 4, 5, 7, 8, 9, 10, 11, 12 and 13	0 to 9	Plain	10	1029 8974
2	.0 to .9	Period Left	10	1029 8966
6	0, to 9,	Comma Right	10	1029 8958

IBM TYPE - 3/16" TYPE CENTRES, FONT 407-1, CLASSES 8, 9 AND 10, SERIES P100, P200, P300, P1000, P2000

COLUMN USED	TYPE	DESCRIPTION	PITCH	PART NUMBER
1 to 10	0 to 9	Plain	10	1029 8834

OCR—A FONT TYPE - 3/16" TYPE CENTRES, CLASSES 8, 9 AND 10, SERIES P100, P200, P300, P1000, P2000

COLUMN USED	TYPE	DESCRIPTION	PITCH	PART NUMBER
1 and 3	0 to 9	Plain	10	1223 5610
2	.0 to .9	Period Left	10	1223 5594
4 and 6	0 to 9	Plain	10	1223 5578
5, 7, 9 and 12	0 to 9	Plain	10	1223 5602
8, 10, 11 and 13	0 to 9	Plain	10	1223 5586

IBM TYPE - 3/16" TYPE CENTRES, FONT 1428, CLASSES 8, 9 AND 10, SERIES P100, P200, P300, P1000, P2000

COLUMN USED	TYPE	DESCRIPTION	PITCH	PART NUMBER
1 and 3	0 to 9	Plain	10	1218 8603
2	.0 to .9	Period Left	10	1218 8611
4 and 6	0 to 9	Plain	10	1218 8645
5, 7, 9, and 12	0 to 9	Plain	10	1218 8652
8, 10, 11 and 13	0 to 9	Plain	10	1218 8686

Part Numbers Continued On Next Page

PART NUMBERS (Plate III—12) Continued

IBM TYPE—5/32" CENTRES, FONT 407-1, CLASSES 8-9-10; SERIES P100, P200, P300, P1000 AND P2000

COLUMN USED	TYPE	DESCRIPTION	PITCH	PART NUMBER
1	0 to 9	Plain	10	1029 8842
2	0 to 9	Plain	10	1029 8859
3	0 to 9	Plain	10	1029 8867
4	0 to 9	Plain	10	1029 8875
5	0 to 9	Plain	10	1029 8883
6	0 to 9	Plain	10	1029 8891
7	0 to 9	Plain	10	1029 8909
8	0 to 9	Plain	10	1029 8917
9	0 to 9	Plain	10	1029 8925
10	0 to 9	Plain	10	1029 8933

PRINTING

SYMBOL TYPE BAR CHART (Plate III–13)

ADDING MACHINE STYLES

MACHINE STYLES	PART NUMBER	TYPE FACE POSITION	STANDARD SYMBOLS	OPTIONAL SYMBOLS	PRINTS FROM
80701 – P1202	1014 0226	0	• •		
80801 – P1203		1	–		
81001 – P1205		2	⊣⊢		OCK 6-0 NON ADD
81051 – P1215		3	●		OCK 9-0 SUB TOTAL
P103 – P2103		4	✲		OCK 8-0 TOTAL
P110 – P2110		5	– ✲		
		6	– ●		
90701 – P1302	STANDARD 1014 0226			A B C D	
90801 – P1303		0	• •	•• •• •• ••	
90895 – P1312	(A) 1014 1083	1	–	– – – –	SUBTRACT
90853 – P1323	(B) 1014 1091	2	⊣⊢	⊣⊢ ⊣⊢ ⊣⊢ ⊣⊢	OCK 6-0 NON ADD
91001 – P1305	(C) 1014 1109	3	⊖	⊖ ⊖• ⊖ S	OCK 9-0 SUB TOTAL PLUS
91095 – P1315	(D) 1014 1125	4	✲	✲ ✲ ✲ ✲	OCK 8-0 TOTAL PLUS
91053 – P1325		5	– ✲	CR CR OD DV	OCK 8-0 TOTAL MINUS
91305 ; 91355		6	– ●	CR CR• OD DV	OCK 9-0 SUB TOTAL MINUS
P205 – P2205					
P206 – P2206					
P207 – P2207					
P208 – P2208					
P210 – P2210					
100801 – P1403	1046 1879	0	• •		
101001 – P1405		1	●B		OCL 51 SUB TOTAL REGISTER B
101053 – P1415		2	✲B		OCL 51 TOTAL REGISTER B
P301 — P2301		3	B		OCK 4-0
P310 — P2310		4	✲A		OCK 8-0 TOTAL REGISTER A
		5	A		OCK 3-0
		6	• •		
		7	⊣⊢		OCK 6-0
		8	● A		OCK 9-0 SUB TOTAL REGISTER A

Part Numbers Continued On Next Page

PART NUMBERS (Plate III –13) Continued

ADDING MACHINE STYLES (Continued)

MACHINE STYLES	PART NUMBER	TYPE FACE POSITION	STANDARD SYMBOLS	OPTIONAL SYMBOLS				PRINTS FROM
FOR COLUMN 00 P401 – P5525-01 P402 – P5525-02 P410 – P5525-10 P420 – P5528-10 P450 – P5328-05 P460 – P5328-10	1015 6222	1	A					OCL 60 at 'A'
		2	AB					OCL 60 at 'AB'
		3	B					OCL 60 at 'B'
FOR COLUMN 0 P401 – P5525-01	STANDARD 1015 6248	0		A	B	C	D	
P402 – P5525-02	(A) 1015 6255	1	⊣⊢	⊣⊢		⊣⊢	⊣⊢	OCK 6-0. NON ADD
P410 – P5525-10	(C) 1045 5525	2	–	–		–	–	SUBTRACT
P420 – P5528-10	(D) 1052 6226	3	–✲	CR		OD	DV	OCK 8-0. TOTAL MINUS
P450 – P5328-05		4	–●	CR		OD	DV	OCK 9-0. SUB TOTAL MINUS
P460 – P5328-10		5	✲	✲		✲	✲	OCK 8-0. TOTAL PLUS
		6	●	●		●	S	OCK 9-0. SUB TOTAL PLUS

CASH MACHINE STYLES

MACHINE STYLES	PART NUMBER	TYPE FACE POSITION	STANDARD SYMBOLS	OPTIONAL SYMBOLS		PRINTS FROM
806211 – P3201-11	1014 0226	0	• •			
807201 – P3201-01		1	–			
907201 – P3302-01		2	⊣⊢			OCK 6-0. NON ADD
		3	●			OCK 9-0. SUB TOTAL
		4	✲			OCK 8-0. TOTAL
		5	–✲			
		6	–●			
807203	STANDARD			A		
807253	1023 6388	2	• •	• •		EACH MACHINE OPERATION
		3	●	●		OCK 9-0. SUB TOTAL
	(A) 1023 6412	4	✲	✲		OCK 8-0. TOTAL
		5	NS	CAM		OCK 5-0
		6	⊣⊢	⊣⊢		OCK 6-0. NON ADD

Part Numbers Continued On Next Page

PRINTING

PART NUMBERS (Plate III—13) Continued

CASH MACHINE STYLES (Continued)

MACHINE STYLES	PART NUMBER	TYPE FACE POSITION	STANDARD SYMBOLS	OPTIONAL SYMBOLS	PRINTS FROM
808201		0	PO	PO	OCK 4-0
808251	1014 1067	1	R/A	R/A	OCK 3-0
810202		2	• •	• • (Spanish)	EACH MACHINE OPERATION
810252	1014 1075 (Spanish)	3	●	● (Spanish)	OCK 9-0. SUB TOTAL
		4	✲	✲ (Spanish)	OCK 8-0. TOTAL
		5	CHG	CR	OCK 5-0
		6	NS	CAM	OCK 6-0
1008201 – P3403-01	1046 1879	0	• •		
1010201 – P3405-01		1	● B		OCL 51. SUB TOTAL REGISTER B
		2	✲ B		OCL 51. TOTAL REGISTER B
		3	B		
		4	✲ A		OCK 8-0. TOTAL REGISTER A
		5	A		
		6	• •		
		7	⊣⊢		OCK 6-0. NON ADD
		8	● A		OCK 9-0. SUB TOTAL REGISTER A
1008251 – P3413-51					
1008265	1046 1903	0	• •		EACH MACHINE OPERATION
		1	● B		OCL 51. SUB TOTAL REGISTER B
		2	✲ B		OCL 51. TOTAL REGISTER B
		3	• •		
		4	✲ A		OCK 8-0. TOTAL REGISTER A
		5	≈		LOCK POSITION 2-0 WITH KEY
		6	TAX		OCK 5-0
		7	NS		OCK 6-0
		8	● A		OCK 9-0. SUB TOTAL REGISTER A
		9	PO		OCK 4-0

Part Numbers Continued On Next Page

PART NUMBERS (Plate III–13) Continued

CASH MACHINE STYLES (Continued)

MACHINE STYLES	PART NUMBER	TYPE FACE POSITION	STANDARD SYMBOLS	OPTIONAL SYMBOLS	PRINTS FROM
1008285	1215 9646	0	• •		EACH MACHINE OPERATION
		1	✲C		OCL 51 TOTAL REGISTER C
		2	✲B		OCL 51 TOTAL REGISTER B
		3	• •		OCK 3-0
		4	✲A		OCK 8-0. TOTAL REGISTER A
		5	≈		LOCK POS. 2-0 WITH KEY
		6	TAX		OCK 5-0
		7	NS		OCK 6-0
		8	● A		OCK 9-0 SUB TOTAL REGISTER A
		9	PO		OCK 4-0
1010252	1046 1929	0	• •	• •	EACH MACHINE OPERATION
		1	● B	● B	OCL 51. SUB TOTAL REGISTER B
	1041 8259	2	✲B	✲B	OCL 51. TOTAL REGISTER B
	(Spanish)	3	R/A	R/A	OCK 3-0
		4	✲A	✲A (Spanish)	OCK 8-0. TOTAL REGISTER A
		5	≈	≈	LOCK POS. 2-0 WITH KEY
		6	CHG	CR	OCK 5-0
		7	NS	CAM	OCK 6-0
		8	● A	● A	OCK 9-0. SUB TOTAL REGISTER A
		9	PO	PO	OCK 4-0
1010282	12159653	0	• •		EACH MACHINE OPERATION
		1	✲C		OCL 51. TOTAL REGISTER C
		2	✲B		OCL 51. TOTAL REGISTER B
		3	R/A		OCK 3-0
		4	✲A		OCK 8-0. TOTAL REGISTER A
		5	≈		LOCK POS. 2-0 WITH KEY
		6	CHG		OCK 5-0
		7	NS		OCK 6-0
		8	● A		OCK 9-0. SUB TOTAL REGISTER A
		9	PO		OCK 4-0

Part Numbers Continued On Next Page

PART NUMBERS (Plate III—13) Continued

VALIDATING AND RECEIPTING MACHINE STYLES

MACHINE STYLES	PART NUMBER	TYPE FACE POSITION	STANDARD SYMBOLS	OPTIONAL SYMBOLS	PRINTS FROM
1010301	(1) 1052 0534 (2) 1046 2893 (3) 1046 2901 (4) 1046 2919 (5) 1046 2927 (6) 1052 0542 (7) 1052 0559 (8) 1046 2935 (9) 1052 0567 (10) 1052 0575 (11) 1052 0583 (12) 1052 0591 (13) 1052 0609 (14) 1052 0617 (15) 1052 0625 (16) 1052 0633 (17) 1052 0641 (18) 1052 0658 (19) 1052 0666 LOGO TYPE For logotype detail see Plate III - 32, Refs. A,AA and AE	0	• •	Nos. 2 thru 19	EACH MACHINE OPERATION
		1	✲←		OCL 51. REARWARD TOTAL REG. B
		2	ST←		OCL 51. FORWARD SUB TOTAL REG. B
		3			
		4	GT←		OCK 8-0. TOTAL REGISTER A
		5	C ←		OCK 9-0. SUB TOTAL REGISTER A
		6	C ←		OCK 5-0
		7	⊣⊢		OCK 6-0
1010304	1067 9157 LOGO TYPE For logotype detail see Plate III - 32, Refs. A, AA and AE	0	• •		EACH MACHINE OPERATION
		1			
		2	LE		OCK 6-0. AFTER SHIFTING OCL 54
		3			
		4	LE		OCK 5-0
		5			
		6	LE		OCK 6-0
		7	●		
		8	✲		OCK 9-0. TOTAL REGISTER B
		9	●		OCK 8-0. TOTAL REGISTER A

Part Numbers Continued On Next Page

PART NUMBERS (Plate III–13) Continued

VALIDATING AND RECEIPTING MACHINE STYLES (Continued)

MACHINE STYLES	PART NUMBER	TYPE FACE POSITION	STANDARD SYMBOLS	OPTIONAL SYMBOLS	PRINTS FROM
1010311	(1) 1046 1911 (2) 1052 0450 (3) 1052 0468 (4) 1052 0476 (5) 1052 0484 (6) 1052 0492 (7) 1046 2877 (8) 1046 2885 (9) 1052 0500 (10) 1052 0518 LOGO TYPE For logotype detail see Plate III - 32, Refs. A, AA and AE	0	⌐	Nos. 2 thru 10	EACH OPERATION FROM MOTOR BAR
		1	❶ B ⌐		OCL 51. SUB TOTAL REGISTER B
		2	✲B ⌐		OCL 51. TOTAL REGISTER B
		3	A ⌐		OCK 4-0
		4	✲A		OCK 8-0. TOTAL REGISTER A
		5	≈		LOCK POS. 2-0 WITH KEY
		6	B ⌐		OCK 5-0
		7	▲⌐		OCK 6-0
		8	❶ A		OCK 9-0. SUB TOTAL REGISTER A
1010355	1014 2685 LOGO TYPE For logotype detail see Plate III - 32 Refs. A, AA and AE	0	• •		
		1	❶ B		OCL 51. SUB TOTAL REGISTER B
		2	✲B		OCL 51. TOTAL REGISTER B
		3	B		OCK 4-0
		4	✲A		OCK 8-0. TOTAL REGISTER A
		5	A		OCK 3-0
		6	• •		
		7	⊣⊢		OCK 6-0
		8	❶ A		OCK 9-0. SUB-TOTAL REGISTER A
1010360 1010361	(1) 1045 8867 (2) 1045 8875 (3) 1045 8883 (4) 1045 8891 (5) 1045 8909 (6) 1045 8917 (7) 1045 8925	0	– 1	Nos. 2 thru 75	OCK 3-0 OR MOTOR BAR
		1			
		2	– 1		OCK 6-0. AFTER SHIFTING OCL 54
		3	+ 1		OCK 4-0
		4	D1		OCK 5-0
		5	D1		OCK 5-0. BEFORE SHIFTING OCL 54

Part Numbers Continued On Next Page

PART NUMBERS (Plate III—13) Continued

VALIDATING AND RECEIPTING MACHINE STYLES (Continued)

MACHINE STYLES	PART NUMBER	TYPE FACE POSITION	STANDARD SYMBOLS	OPTIONAL SYMBOLS	PRINTS FROM
1010360	(8) 1045 8933	6	• •	Nos. 2 thru 75	
1010361 (continued)	(9) 1045 8941	7			
	(10) 1052 1128	8	✻ 1		OCK 9-0. TOTAL REGISTER B
	(11) 1052 1136	9	● 1		OCK 8-0, TOTAL REGISTER A
	(12) 1052 1144	(13) 1052 1151	(14) 1052 1169	(15) 1052 1177	
(16) 1052 1185	(17) 1052 1193	(18) 1052 1201	(19) 1052 1219	(20) 1052 1227	(21) 1052 1235
(22) 1052 1243	(23) 1052 1250	(24) 1052 1268	(25) 1052 1276	(26) 1052 1284	(27) 1045 9121
(28) 1045 9139	(29) 1045 9147	(30) 1045 9154	(31) 1045 9162	(32) 1045 9170	(33) 1045 9188
(34) 1045 9196	(35) 1045 9204	(36) 1045 9212	(37) 1045 9220	(38) 1045 9238	(39) 1045 9246
(40) 1045 9253	(41) 1045 9261	(42) 1045 9279	(43) 1045 9287	(44) 1045 9295	(45) 1045 9303
(46) 1045 9311	(47) 1045 9329	(48) 1045 9337	(49) 1045 9345	(50) 1045 9352	(51) 1045 9360
(52) 1045 9378	(53) 1045 9386	(54) 1045 9394	(55) 1045 9402	(56) 1045 9410	(57) 1045 9428
(58) 1052 1292	(59) 1052 1300	(60) 1045 9436	(61) 1045 9444	(62) 1045 9451	(63) 1045 9469
(64) 1045 9477	(65) 1045 9485	(66) 1052 1318	(67) 1052 1326	(68) 1052 1334	(69) 1052 1342
(70) 1052 1359	(71) 1052 1367	(72) 1052 1375	(73) 1045 9493	(74) 1045 9501	(75) 1045 9519

LOGOTYPE: For logotype detail see Plate III - 32, Refs. A, AA and AE

1010381	(1) 1045 9527	0	– 1	Nos. 2 thru 75	CASH OUT MOTOR BAR
1010382	(2) 1045 9535	1			
1010383	(3) 1045 9543	2	• • 1		OCK 6-0. AFTER SHIFTING OCL 54
1010384	(4) 1045 9550	3	+ 1		OCK 4-0
1010386	(5) 1045 9568	4	● 1		OCK 8-0. TOTAL REGISTER B
	(6) 1045 9576	5			
	(7) 1045 9584	6	D 1		OCK 5-0
	(8) 1045 9592	7	D 1		OCK 6-0. BEFORE SHIFTING OCL 54
	(9) 1045 9600	8	✻ 1		OCK 9-0. TOTAL REGISTER A
	(10) 1052 0732	9	> 1		LST MOTOR BAR
	(11) 1052 0740	10	◇ 1		OCK 7-0. TOTAL REGISTER C
	(12) 1052 0757	(13) 1045 9659	(14) 1045 9667	(15) 1045 9675	
(16) 1045 9683	(17) 1045 9691	(18) 1045 9709	(19) 1045 9717	(20) 1045 9725	(21) 1045 9733
(22) 1045 9741	(23) 1045 9758	(24) 1045 9766	(25) 1045 9774	(26) 1045 9782	(27) 1045 9790

Part Numbers Continued On Next Page

PART NUMBERS (Plate III—13) Continued

VALIDATING AND RECEIPTING MACHINES (Continued)

MACHINE STYLES	PART NUMBER	TYPE FACE POSITION	STANDARD SYMBOLS	OPTIONAL SYMBOLS	PRINTS FROM
1010381, - 382, - 383, - 384, - 386 cont.					
(28) 1045 9808	(29) 1045 9816	(30) 1045 9824	(31) 1045 9832	(32) 1045 9840	(33) 1045 9857
(34) 1045 9865	(35) 1045 9873	(36) 1045 9881	(37) 1045 9899	(38) 1045 9907	(39) 1045 9915
(40) 1045 9923	(41) 1045 9931	(42) 1045 9949	(43) 1045 9956	(44) 1045 9964	(45) 1045 9972
(46) 1045 9980	(47) 1045 9998	(48) 1046 0004	(49) 1046 0012	(50) 1046 0020	(51) 1046 0038
(52) 1046 0046	(53) 1046 0053	(54) 1046 0061	(55) 1046 0079	(56) 1046 0087	(57) 1052 0765
(58) 1052 0773	(59) 1052 0781	(60) 1052 0799	(61) 1046 1937	(62) 1046 1945	(63) 1052 0807
(64) 1052 0815	(65) 1052 0823	(66) 1052 0831	(67) 1052 0849	(68) 1052 0856	(69) 1052 0864
(70) 1052 0872	(71) 1052 0880	(72) 1052 0898	(73) 1046 0095	(74) 1052 0906	(75) 1052 0914

LOGOTYPE: For logotype detail see Plate III — 32, Refs. A, AA and AE

1010385	1216 3168	0			
		1			
	LOGOTYPE	2			
	For logotype	3	— 1		OCK 4-0
	detail see	4	◇ 1		OCK 8-0. TOTAL REGISTER B
	Plate III — 32,	5			
	Refs. A, AA	6	D1		OCK 5-0
	and AE	7	1		OCK 6-0
		8	C1		OCK 9-0. TOTAL REGISTER A
		9			
		10	⁂1		OCK 7-0. TOTAL REGISTER C

For Book-Keeping Machine-Styles see next page

Part Numbers Continued On Next Page

PRINTING

PART NUMBERS (Plate III – 13) Continued

BOOK-KEEPING MACHINE STYLES

MACHINE STYLES	PART NUMBER	TYPE FACE POSITION	STANDARD SYMBOLS	OPTIONAL SYMBOLS A	B	C	D	PRINTS FROM
910108 913108 913112 913114	STANDARD 1014 1083 (A) 1014 0226 (B) 1014 1091 (C) 1014 1109 (D) 1014 1125			A	B	C	D	
		0	◦ •	••	••	••	••	
		1	—	—	—	—	—	SUBTRACT OPERATION
		2	⊣⊢	⊣⊢	⊣⊢	⊣⊢	⊣⊢	OCK 6-0. NON ADD
		3	●	●	●•	●	S	OCK 9-0. SUB - TOTAL PLUS
		4	✲	✲	✲	✲	✲	OCK 8-0 TOTAL PLUS
		5	CR	—✲	CR	OD	DV	OCK 8-0 TOTAL MINUS
		6	CR	—●	CR•	OD	DV	OCK 9-0. SUB TOTAL MINUS
910126	1014 1059	0	• •					EACH ADD OPERATION
		1	—					SUBTRACT OPERATION
		2	TOT					OCK 8-0. TOTAL ADD LISTED AMOUNTS
		3	FN—					OCK 9-0. SUB TOTAL POSTED AMOUNTS
		4	✲—					OCK 8-0. TOTAL POSTED AMOUNTS
		5	TOT					OCK 8-0 TOTAL MINUS LISTED AMOUNTS
		6	OD—					OCK 9-0. SUB TOTAL MINUS POSTED AMOUNTS
		7	OD—					OCK 8-0. TOTAL MINUS POSTED AMOUNTS
FOR COLUMN 0 P612 – P9074-1 P613 – P9077-3 P615 – P9074-5 P621 – P9064-1 P622 – P9064-2 P623 – P9067-3 P625 – P9064-5 P661 – P9044-1 P662 – P9044-2 P663 – P9047-3 P665 – P9044-5 P672 – P9454-2 P673 – P9457-3 P675 – P9454-5 P681 – P9444-1 P682 – P9444-2 P683 – P9447-3 P685 – P9444-5 P643 – P5525-03 P644 – P5528-04 P645 – P5725-05 P646 – P5728-06	STANDARD 1015 6297 (A) 1015 6271 (C) 1015 6305 (D) 1015 6313			A	B	C	D	
		1	⊣⊢	⊣⊢		⊣⊢	⊣⊢	OCK 6-0. NON ADD
		2	—	—		—	—	SUBTRACT
		3	CR	✲		OD	DV	OCK 8-0. TOTAL MINUS
		4	CR	—●		OD	DV	OCK 9-0. SUB TOTAL MINUS
		5	✲	✲		✲	✲	OCK 8-0. TOTAL PLUS
		6	●	●		●	S	OCK 9-0. SUB-TOTAL PLUS

Part Numbers Continued On Next Page

PART NUMBERS (Plate III –13) Continued

BOOK-KEEPING MACHINE STYLES (Continued)

MACHINE STYLES	PART NUMBER	TYPE FACE POSITION	STANDARD SYMBOLS	OPTIONAL SYMBOLS	PRINTS FROM
FOR COLUMN 00					
P612 – P9074-1 P613 – P9077-3 P615 – P9074-5	1015 6263	1	A		OCL 60 at 'A'
P621 – P9064-1 P622 – P9064-2		2	AB		
P623 – P9067-3 P625 – P9064-5 P643 – P5525-03 P644 – P5528-04		3	B		OCL 60 at 'B'
P672 – P9454-2 P673 – P9457-3	1215 2849	1	A		OCL 60 at 'A'
P675 – P9454-5 P681 – P9444-1		2	B		OCL 60 at 'B'
P682 – P9444-2 P683 – P9447-3 P685 – P9444-5 P645 – P5725-05 P646 – P5728-06		3	C		OCL 60 at 'C'

PRINTING

CHARACTER AND MONTHS TYPE BAR CHART (Plate III – 14)

NOTE: Any character or months type bar and related keytops not shown on this chart should be ordered as special type.

MACHINE STYLES	COLUMN	PART NUMBER	TYPE FACE POSITION	CHARACTERS	TYPE CENTRES
806211 – P3201-11	6	1014 0333	0		3/16"
807201 – P3202-01	7		1	M	
807203 & 807253	8		2	L	
808201 & 808251	8		3	K	
810202 & 810252	10		4	H	
907201 – P3302-01	7		5	E	
1008201 – P3403-01	8		6	D	
1008251 – P3413-51	8		7	C	
1010201 – P3405-01	10		8	B	
1010252	10		9	A	
1010282	10				

Part Numbers Continued On Next Page

PART NUMBERS (Plate III—14) Continued

MACHINE STYLES	COL.	PART NUMBER	TYPE FACE POSITION	CHARACTER (YEARS)										TYPE CENTRE
1010311	8			A	B	C	D	E	F	G	H	I	J	
		(A) 1227 7661	0	70	80	80	80	80	80	80	80	80	80	3/16"
		(B) 1227 7679	1	71	71	81	81	81	81	81	81	81	81	
		(C) 1227 7687	2	72	72	72	82	82	82	82	82	82	82	
		(D) 1227 7695	3	73	73	73	73	83	83	83	83	83	83	
		(E) 1227 7703	4	74	74	74	74	74	84	84	84	84	84	
		(F) 1227 7711	5	75	75	75	75	75	75	85	85	85	85	
		(G) 1227 7729	6	76	76	76	76	76	76	76	86	86	86	
		(H) 1227 7737	7	77	77	77	77	77	77	77	77	87	87	
		(I) 1227 7745	8	78	78	78	78	78	78	78	78	78	88	
		(J) 1227 7752	9	79	79	79	79	79	79	79	79	79	79	
910126	9	(A) 1227 7786		A	B	C	D	E	F	G	H	I	J	
		(B) 1227 7794	0	0	0	0	0	0	0	0	0	0	0	Extra Cond.
		(C) 1227 7802	1	68	69	70	71	72	73	74	75	76	77	
		(D) 1227 7810	2	69	70	71	72	73	74	75	76	77	78	
		(E) 1227 7828	3	70	71	72	73	74	75	76	77	78	79	
		(F) 1227 7836	4	71	72	73	74	75	76	77	78	79	80	
		(G) 1227 7844	5	72	73	74	75	76	77	78	79	80	81	
		(H) 1227 7851	6	73	74	75	75	77	78	79	80	81	82	
		(I) 1227 7869	7	74	75	76	77	78	79	80	81	82	83	
		(J) 1227 7877	8	75	76	77	78	79	80	81	82	83	84	
			9	76	77	78	79	80	81	82	83	84	85	

				CHARACTER	
910126	10	1014 0259	0		Extra
			1	N/B	Condensed
			2	DUP	
			3	JUL	
			4		
			5	JAN	
			6		
			7	CHK	
			8	INS	
			9	TAX	

Part Numbers Continued On Next Page

PART NUMBERS (Plate III—14) Continued

MACHINE STYLES	COL.	PART NUMBER	TYPE FACE POS'TN	CHARACTER	TYPE CENTRES
910108	10	1014 0374	0		3/16"
913108	13		1	C/D	
913112	10		2	DIS	
			3	EXP	
			4	FRT	
			5	CSH	
			6	C/M	
			7	J/E	
			8	CR	
			9	BAL	

MACHINE STYLES	COL.	PART NUMBER	TYPE FACE POS'TN	MONTHS											
				A	B	C	D	E	F	G	H	I	J	K	L
913112	13														
3/16" Type Centres		(A) 1014 0069	0	DEC	ARA	DEZ	DEC	DEZ	DIC	DEC	DIC	DEC	DEC	ΔΕΚ	JOU
		(B) 1042 0693	1	SEP	EYL	SET	SEP	SEP	SET	SEP	SET	SEP	SEP	ΣΕΝ	SYY
		(C) 1014 0143	2	AUG	AC̲U	AGO	AUG	AUG	AGO	AUG	AGO	AUT	AUG	ΑΥΓ	ELO
		(D) 1014 0168	3	JUL	TEM	JUL	JUL	JUL	LUG	JUL	JUL	JUL	JUL	ΙϑΛ	HEI
		(E) 1014 0101	4	JUN	HAZ	JUN	JUN	JUN	GIU	JUN	JUN	JUN	JUN	ΙϑИ	KES
		(F) 1014 0127	5	MAY	MAY	MAI	MAJ	MAI	MAG	MEI	MAY	MAI	MAI	MAI	TOU
		(G) 1014 0077	6	APR	NÍS	ABR	APR	APR	APR	APR	ABR	AVL	APR	ΑΠΡ	HUH
		(H) 1014 0150	7	MAR	MRT	MAR	MAR	MRZ	MAR	MRT	MAR	MAR	MAR	MAP	MAA
		(I) 1014 0093	8	FEB	S̲UB	FEV	FEV	FEB	FEB	FEB	FEB	FEV	FEB	IEB	HEL
		(J) 1014 0135	9	JAN	OCK	JAN	JAN	JAN	GEN	JAN	ENE	JAN	JAN	IAN	TAM
		(K) 1014 0119	10	NOV	KAS	NOV	NOV	NOV	NOV	NOV	NOV	NOV	NOV	NOE	MAR
		(L) 1014 0085	11	OCT	EKM	OUT	OKT	OKT	OTT	OKT	OCT	OCT	OKT	OKT	LOK
				ENGLISH —	TURKISH —	PORTUGUESE —	SWEDISH DANISH —	GERMAN —	ITALIAN —	DUTCH —	SPANISH —	FRENCH —	NORWEGIAN —	GREEK —	FINNISH —

Part Numbers Continued On Next Page

PART NUMBERS (Plate III – 14) Continued

MACHINE STYLES	COL.	PART NUMBER	TYPE FACE POS'TN	CHARACTER	TYPE CENTRES
P613 – P9074-3	13	1015 6388	0	MIS	5/32"
P623 – P9067-3			1	RET	
P663 – P9047-3			2	DIS	
P673 – P9457-3			3	CSH	
P683 – P9447-3			4	D/M	
			5	C/M	
			6	C/D	
			7	S/J	
			8	P/J	
			9	J/E	
			10	C/R	
			11	BAL	
P615 – P9074-5	10	1015 6057	0		5/32"
P625 – P9064-5			1	S/J	
P665 – P9044-5			2	DIS	
P675 – P9454-5			3	CSH	
P685 – P9444-5			4	D/M	
P682 – P9444-2			5	C/M	
P681 – P9444-1			6	P/J	
P672 – P9454-2			7	C/R	
P661 – P9044-1			8	J/E	
P662 – P9044-2			9	BAL	
P612 – P9074-1					
P622 – P9064-2					
P621 – P9064-1					

FOR SERIES P600, P9000 MONTHS TYPE BARS – SEE NEXT PAGE

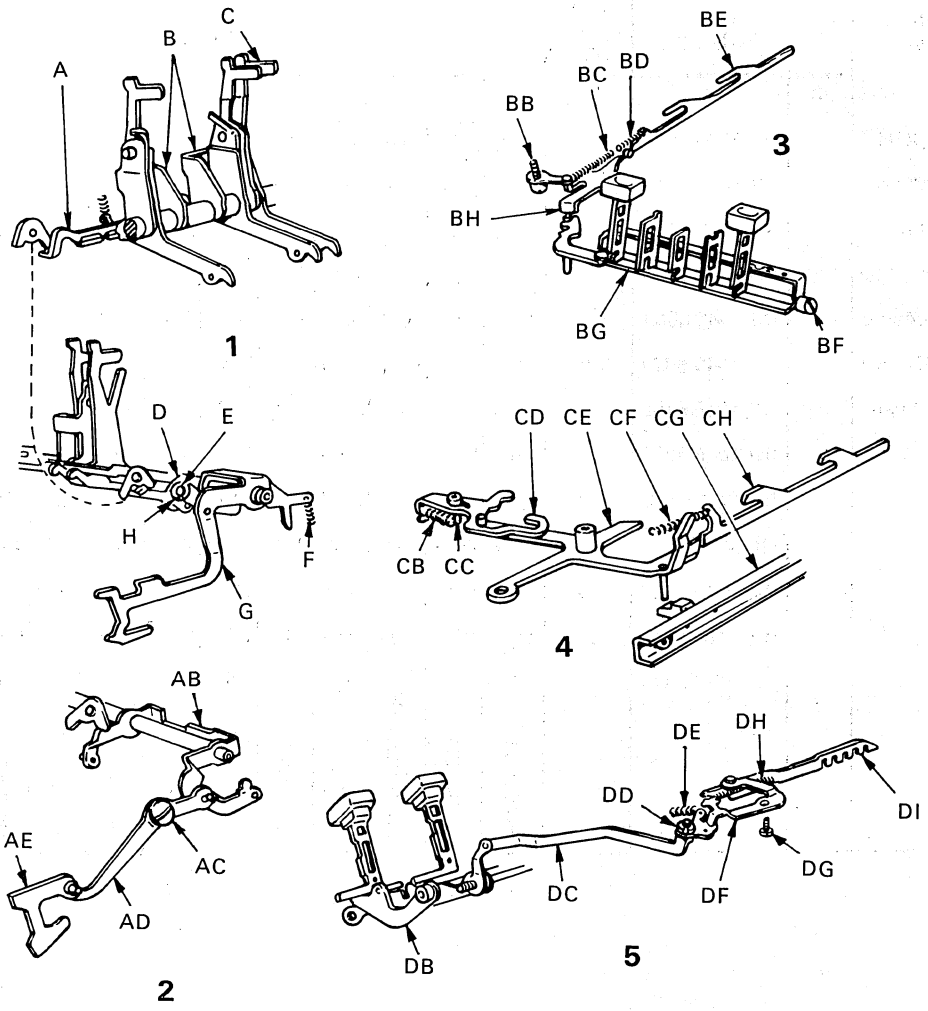
Part Numbers Continued On Next Page

PART NUMBERS (Plate III — 14) Continued

MACHINE STYLES	COL.	PART NUMBER	TYPE FACE POS'TN	MONTHS											
P612 — P9074-1	13			A	B	C	D	E	F	G	H	I	J	K	L
P621 — P9064-1		(A) 1049 2031	0	DEC	ARA	DEZ	DEC	DEZ	DIC	DEC	DIC	DEC	DEC	ΔEK	JOU
P622 — P9064-2		(B) 1045 5145	1	SEP	EYL	SET	SEP	SEP	SET	SEP	SET	SEP	SEP	ΣEN	SYY
P661 — P9044-1		(C) 1015 6198	2	AUG	AĆU	AGO	AUG	AUG	AGO	AUG	AGO	AUT	AUG	ΑΥΓ	ELO
P662 — P9044-2		(D) 1015 6214	3	JUL	TEM	JUL	JUL	JUL	LUG	JUL	JUL	JUL	JUL	ΙϑΛ	HEI
P672 — P9454-2		(E) 1045 5038	4	JUN	HAZ	JUN	JUN	JUN	GIU	JUN	JUN	JUN	JUN	ΙϑИ	KES
P681 — P9444-1		(F) 1045 5079	5	MAY	MAY	MAI	MAJ	MAI	MAG	MEI	MAY	MAI	MAI	MAI	TOU
P682 — P9444-2		(G) 1015 6156	6	APR	NÍS	ABR	APR	APR	APR	APR	ABR	AVL	APR	ΑΠΡ	HUH
		(H) 1015 6206	7	MAR	MRT	MAR	MAR	MRZ	MAR	MRT	MAR	MAR	MAR	MAP	MAA
		(I) 1015 6172	8	FEB	SUB	FEV	FEV	FEB	FEB	FEB	FEB	FEV	FEB	IEB	HEL
		(J) 1015 6180	9	JAN	OCK	JAN	JAN	JAN	GEN	JAN	ENE	JAN	JAN	IAN	TAM
		(K) 1045 5053	10	NOV	KAS	NOV	NOV	NOV	NOV	NOV	NOV	NOV	NOV	NOE	MAR
		(L) 1015 6164	11	OCT	EKM	OUT	OKT	OKT	OTT	OKT	OCT	OCT	OKT	OKT	LOK
				ENGLISH	TURKISH	PORTUGUESE	SWEDISH DANISH	GERMAN	ITALIAN	DUTCH	SPANISH	FRENCH	NORWEGIAN	GREEK	FINNISH

PRINTING

CIPHER SPLIT MECHANISMS (Plate III—15)



PART NUMBERS (Plate III—15)

Ref. 1 — Cipher Split From OCK's in Col. 0 Classes 8 and 10

A	---- ----	For cipher split control slides, see Plate III - 17
B	---- ----	For hammer couplers, see Plate III - 16
C	---- ---	For hammers, see Plate III - 5
D	1019 5519	rocker arm, shown
	1016 8102	rocker arm for Series P400 machines with single cipher clear signal from OCK's 8-0 and 9-0. See U, Plate IV - 55 for other styles
E	1010 0220	clip
F	1026 9306	spring
G	---- ----	Operating lever
	1015 0738	for Classes 8 and 10
	1043 3936	for Class 9
H	1015 2163	stud

Ref. 2 — Cipher Split From OCK's in Col. 0 Class 9

AB	---- ----	Actuating bail
	1014 7353	shown, for OCK 6-0 to actuate cipher split. Class 9
	1014 7361	for OCK 6-0 to actuate cipher split. Class 9 with extended totals
	1014 7379	for OCK 4-0 to non-tabulate, space forms and operate machine. Class 9

Part Numbers Continued On Next Page

PRINTING

PART NUMBERS (Plate III—15) Continued

AC	1047 2728	shoulder screw
AD	1013 6018	rocker arm
AE	- - - - - - - -	Non-add arm, opens cash drawer, OCK 6-0, Classes 8-9-10
	1013 4583	for 12 pitch symbol sector
	1013 4609	for 10 pitch symbol sector

Ref. 3 — Cipher Split Controlled From Keys in Col. 8, 9 or 10

BB	1010 6508	screw. Use 1010 4552 washer
BC	1027 3241	spring
BD	1026 9298	spring
BE	- - - - - - - -	For cipher split control slides, see Plate III - 17
BF	1017 1775	screw
BG	- - - - - - - -	Bail, trim as required
	1011 5749	shown, present construction
	1035 7010	early construction
BH	- - - - - - - -	Slide actuator
	1043 4413	shown, present construction. Classes 8-9-10 with automatic cipher split in Col. 10, with RCF or RCND
	1043 4371	for Class 9 Style 13 with automatic cipher split
	1043 4397	for Classes 8 and 10 with automatic cipher split in Cols. 8 and 9 controlled from Keys 1-8, with or without RCF or RCND
	1015 0985	for Class 10 with automatic cipher split between Cols. 8 and 9 controlled by Keys 6-9

Ref 4 — Cipher Split From OCL 53

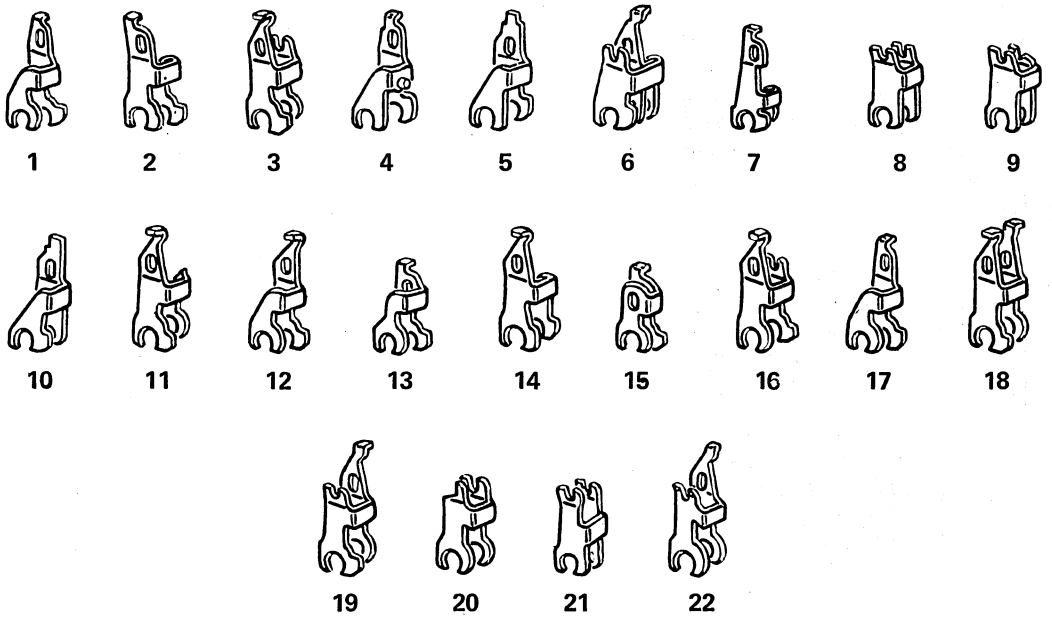
CB	1013 3098	spring
CC	1010 4529	spring anchor screw
CD	- - - - - - - -	Detent
	1015 0274	shown, for N, C and N or N, S and N
	1015 0258	for split and normal or number and normal
	1043 2771	for rotary disabling lever
	1043 2789	for RCND to advance after printing
CE	- - - - - - - -	Operation control lever. See Plate III - 24
CF	1026 9298	spring
CG	- - - - - - - -	For channel bail chart, See Plate II - 15
CH	- - - - - - - -	For cipher split control slides, see Plate III - 17

Ref. 5 — Cipher Split From OCK's 4-0 and/or 5-0

DB	1011 1896	rocker arm
DC	1015 3617	link
DD	1010 0147	clip
DE	1027 1989	spring
DF	1014 9490	bell crank
DG	1015 2171	screw. Use 1027 3241 washer
DH	1027 3241	spring
DI	- - - - - - - -	For cipher split control slides, see Plate III - 17

PRINTING

HAMMER COUPLER CHART (Plate III—16)



PART NUMBERS (Plate III—16)

REF.	PART NUMBER	TYPICAL USE
1	1014 7197	Class 8 with Number, Count and Normal
2	1014 7296	Classes 8-9-10 with extended totals and cipher split between cols. 9 and 10
3	1014 7320	Class 9 Minus Balance with OCK 6-0 to non-add and actuate cipher split between cols. 2 and 3
4	1042 5916	Class 9 Minus Balance with extended totals and normal, and cipher split actuated from OCK 6-0
5	1042 5940	Class 8 and 10 with cipher split between cols. 4 and 5 or Split and Normal
6	1042 5973	Class 9 Minus Balance with closed account feature
7	1014 7213	Classes 8 and 10 with extended totals and cipher splits between cols. 8 and 9, 9 and 10.
8	1014 7221	Class 9 with automatic count and 1/8 fractions in col. 1; 1/12 fractions or 1/60 fractions in cols. 1 and 2
9	1014 7239	Class 9 (formerly used for Sterling Currency)
10	1014 7247	Class 9 with cipher split between cols. 4 and 5 (prev. L.S.D. & F.)
11	1014 7254	Class 9 Minus Balance with cipher split between cols. 2 and 3
12	1042 5643	Class 9 with split between pence and shillings cols.
13	1014 7262	Class 9 with 1/8" condensed type centres and cipher split between cols. 2 and 3
14	1014 7270	Class 9 with Number, Count and Normal, cols. 9 and 10
15	1014 7288	Class 9 with 1/8" condensed type centres and cipher split cols. 3 and 4

Part Numbers Continued On Next Page

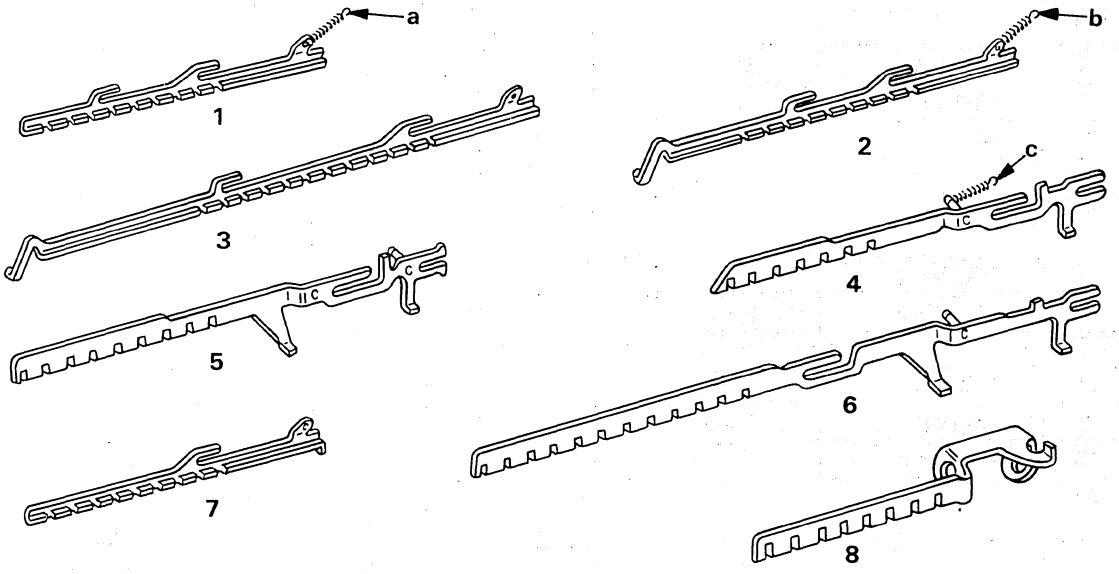
PRINTING

PART NUMBERS (Plate III—16) Continued

REF.	PART NUMBER	TYPICAL USE
16	1014 7304	Class 9 with OCK 4-0 to non-tab and space (prev. used L.S. D and F)
17	1015 8988	Series P400 with Number, Split and Normal, cols. 8 and 9
18	1015 9051	Series P400 with clear signal
19	1015 9077	Series P400 with optional controlled splits
20	1015 8996	Series P400 with N.S and N located in cols. other than cols. 8 and 9 (previously used with L.S.D and L.S.D and F)
21	1015 9093	Series P400 (L.S.D and L.S.D and F) with single col. for pence,cols. 0 and 1
22	1015 9101	Series P400 (L.S.D and F) with single col. for pence, cols. 0 and 2
		Parts Not Illustrated
23	1045 7513	Series P400, part located in col. 0
24	1015 9127	Series P400, with clear signal from OCK's 8-0, 9-0; located in col. 1
25	1015 9002	Series P400,with clear signal from OCK's 8-0, 9-0, used with Ref. 24
26	1015 9010	Series P400 (L.S.D.) with clear signal single cipher from OCK's 8-0, 9-0; located between col. 0 and col. 1
27	1015 9028	Series P400 (L.S.D and F) with N.S. and N in col. 4/5, other than col. 8/9
28	1014 7312	Class 10 with cipher split between 3 and 4 or 4 and 5 from OCK 3-0 (L.S.D and F)
29	1023 3021	Series P400 with 1/60 fractions in cols. 1/2 and without keyboard calendar feature
30	1015 9036	Series P400 (LSD) and P400 with numerical punctuation, located between col. 00 and col. 1

PRINTING

CIPHER SPLIT CONTROL SLIDES (Plate III – 17)



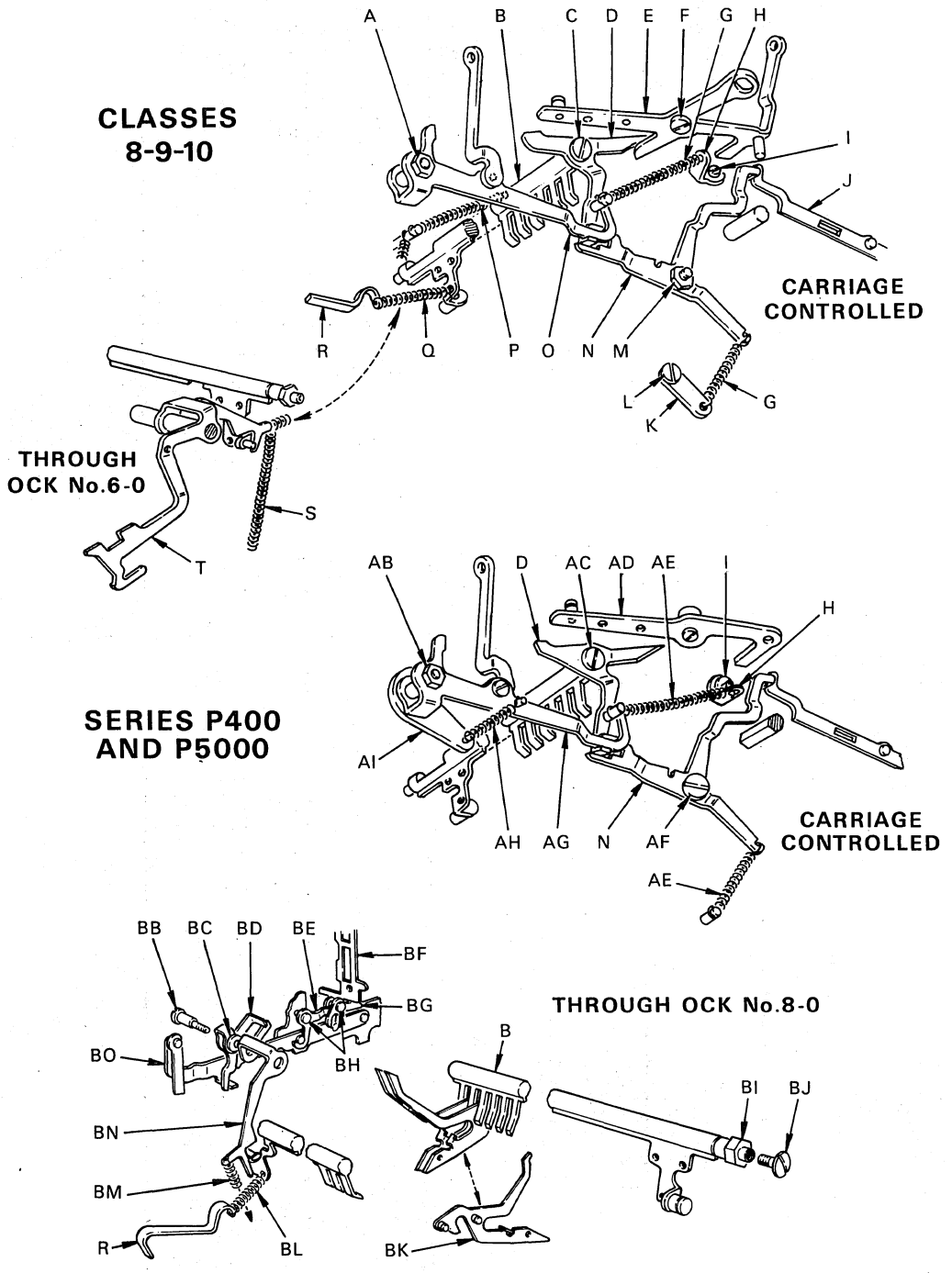
PART NUMBERS (Plate III – 17)

NOTE: Slides Nos. 4 and 5 may be used alone or in combination with other Slides. By trimming or reversal of their springs they serve in many situations and may be called "Utility" slides.

REF.	PART NUMBER	TYPICAL USE
1	1015 0027	Classes 8, 9 and 10 with S and N, D and N, D.S and N or S.C and N features
2	1015 0050	Classes 8, 9 and 10 with extended totals also split from OCK's
3	1015 0035	Class 9 Style 13 with extended totals and Series P402
4	1015 0076	Class 9 Minus Balance with extended totals and normal; with cipher split between cols. 2 and 3 and 7 and 8, actuated from OCK 6-0
5	1015 0084	Classes 8, 9 and 10 with extended totals and normal in combination with automatic cipher split
6	1015 0092	Class 9 Style 13 Minus Balance with extended totals and normal mechanism
7	1015 0100	Classes 8, 9 and 10 with automatic cipher split, in combination with RCND or RCF
8	1034 9389	Classes 8, 9 and 10 and Minus Balance machines with OCK 6-0 to actuate cipher split in cols. 4 and 5 in combination with automatic cipher split in cols. 9 and 10 and extended totals in cols. 9 and 10.
9	1016 0984	Series P400 machines with red ribbon, and clear signal from OCK's 8-0, 9-0 (not illustrated), 13 col. capacity
10	1016 1008	Series P400 machines with red ribbon, and clear signal from OCK's 8-0, 9-0 (not illustrated), 10 col. capacity
11	1015 0043	Class 10 with OCK 3-0 to actuate cipher splits between cols. 1 and 2 and 2 and 3 (not illustrated)
a	1026 9298	Spring for slides 1, 7 and 11, also for short hook-up to slide 5
b	1027 6418	Spring for slides 2, 3, 9 and 10
c	1027 3241	Spring for slides 4, and 6, also for long hook-up on slide 5

PRINTING

HAMMER BLOCK MECHANISMS (Plate III–18)



Part Numbers On Next Page

PRINTING

PART NUMBERS (Plate III–18)

Classes 8, 9 and 10 Machines

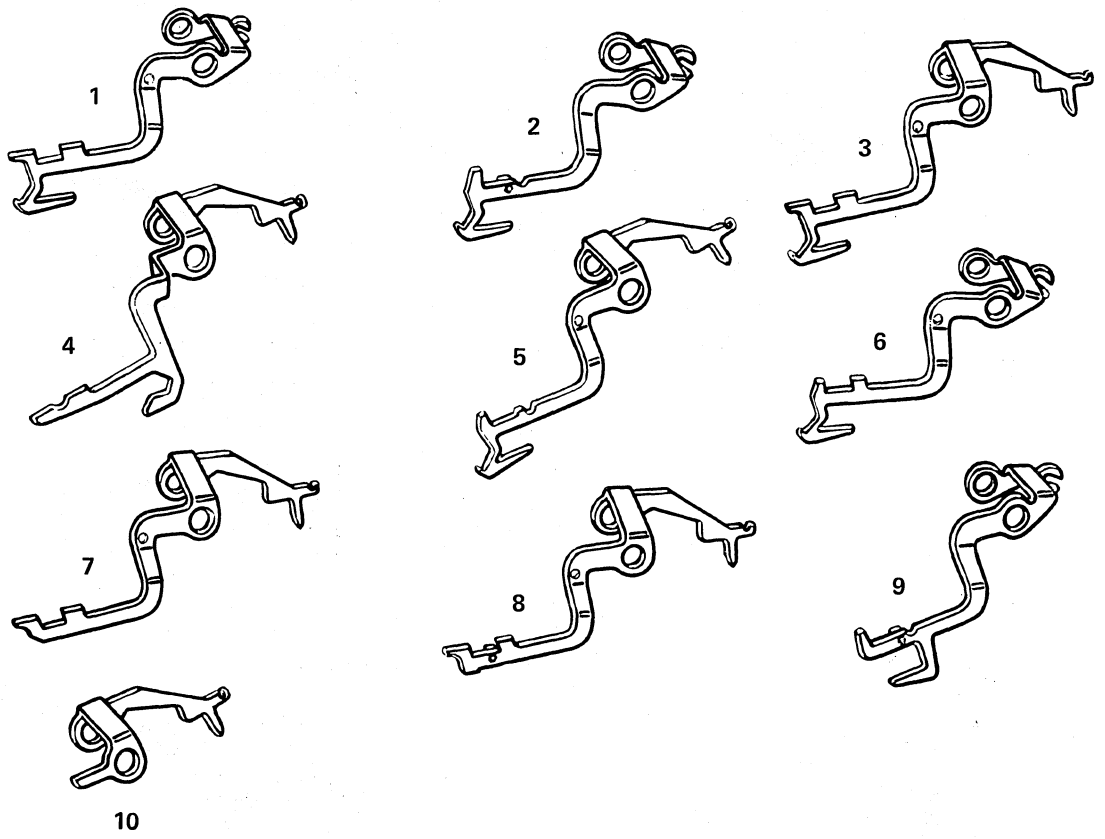
A	1015 1678	bushing. Use 1043 4967 screw
B	1019 4777	hammer block bail, 13 col. construction
	1019 3159	hammer block bail, 10. col. construction
C	1010 9635	screw
D	1014 9730	latching arm
E	1015 0142	control lever. See Plate III - 23 for other styles
F	1010 6698	screw
G	1027 6921	spring
H	1010 0071	spring anchor
I	1010 4701	screw
J	1011 4346	keyboard strip
K	1026 6401	spring anchor
L	1010 5229	screw. Use 1010 9726 washer
M	---- ----	Use 1010 0402 nut, 1029 8685 bushing, 1010 4362 lockwasher, 1013 8238 screw
N	---- ----	Use 1019 3308 bellcrank, 1019 5311 adjusting latch, 1010 3356 screw
O	1015 0860	operating lever, 10 col. constr.
	1015 0878	operating lever, 13 col. constr.
P	1027 7408	spring
Q	1027 3209	spring
R	1026 6369	spring anchor
S	1027 7531	spring
T	1015 0738	rocker arm. See Plate III - 19 for other styles

Series P400 and P5000 Machines

AB	1015 1678	bushing. Use 1017 2534 screw
AC	1010 9635	screw
AD	---- ----	See Plate III - 24 for O.C.L's
AE	1027 6574	spring
AF	1010 4867	screw. Use 1016 1172 flanged collar
AG	1016 0919	operating lever
AH	1013 3098	spring
AI	1067 8639	spring anchor
BB	1017 4027	shoulder screw
BC	1010 7407	shoulder spacer
BD	1016 0927	bellcrank
BE	1016 7724	bellcrank
BF	1216 9785	total keystem } Use 1219 8180 gooseneck inter-
	1216 9793	subtotal keystem } lock with these keystems
BG	1016 7740	bellcrank
BH	1016 8219	rivet
BI	1015 1645	hex. shouldered spacer
BJ	1010 6698	screw
BK	1015 8855	hammer latch. See Plate III - 7 for other styles
BL	1026 9868	spring
BM	1027 3050	spring
BN	1019 5162	control arm
BO	1019 8042	total slide

PRINTING

HAMMERBLOCK CONTROL ARMS (Plate III –19)

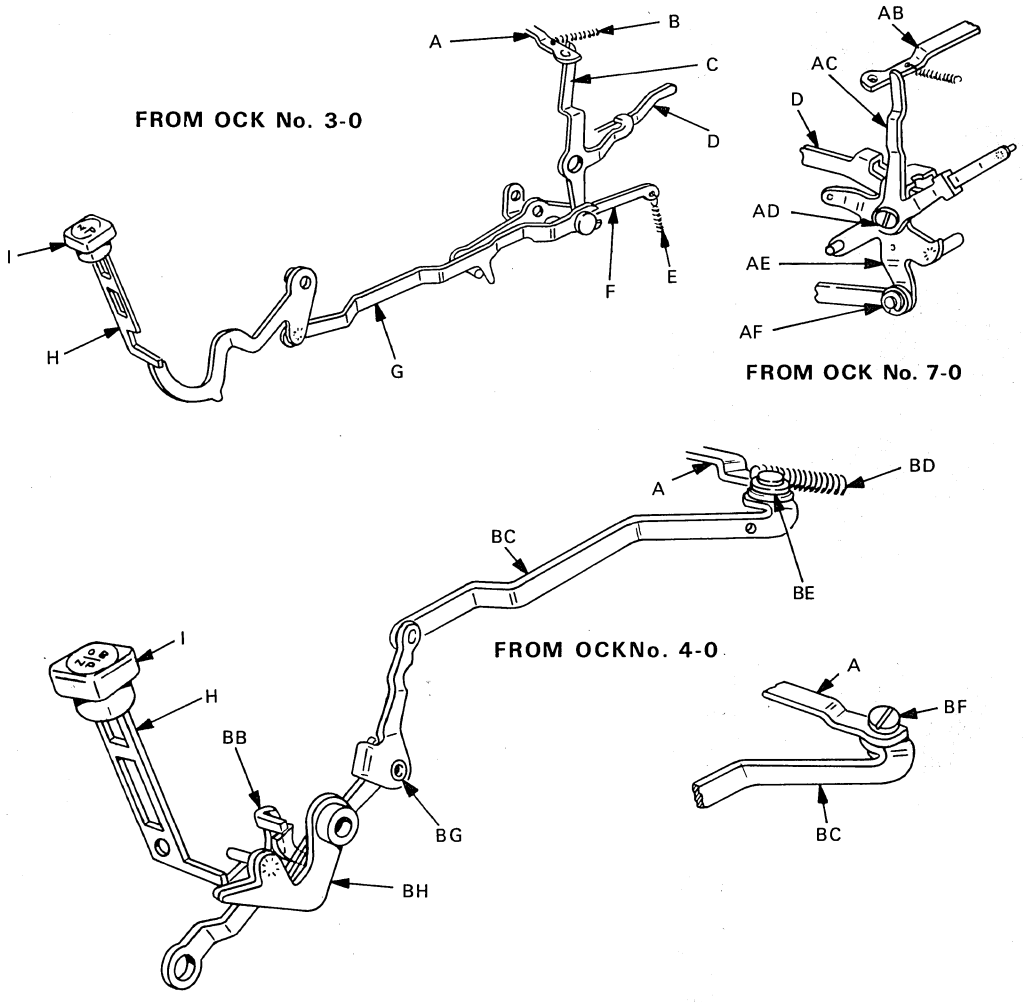


PART NUMBERS (Plate III – 19)

REF.	PART NUMBER	TYPICAL USE
1	1015 0779	Classes 8, 9 and 10 with RCF controlled from OCK's 4-0, 5-0, 6-0,8-0, 9-0
2	1015 0811	Classes 8, 9 and 10 with RCF controlled from OCK's 4-0, 5-0, 6-0
3	1015 0738	Classes 8, 9 and 10 with Number and Normal mechanism and RCND controlled from OCK's 8-0, 9-0, and normalised from lock 2-0
4	1015 0746	Class 10 with Number and Normal mechanism controlled from OCK's 8-0 and 9-0 and OCL 51
5	1015 0753	Class 10 with Number and Normal mechanism controlled from OCK's in col. 0, excepting OCK's 8-0 and 9-0
6	1015 0829	Class 10 with Number and Normal mechanism controlled from OCK 9-0
7	1015 0761	Class 9 with Number and Normal mechanism controlled from OCK's 8-0 and 9-0
8	1015 0720	Class 10 with non-print in col. 1, from OCK 5-0
9	1015 0787	Class 10 with RCND controlled from OCK's 4-0, 5-0 and 6-0
10	1019 5162	Series P400 with Number, Split and Normal controlled from OCK's 8-0 and 9-0
11	1015 0795	Class 10 with RCND controlled from OCK 6-0, and prints from OCK's 3-0, 5-0 and 6-0 (part not illustrated)

PRINTING

NON-PRINT, NON-SPACE MECHANISMS (Plate III–20)



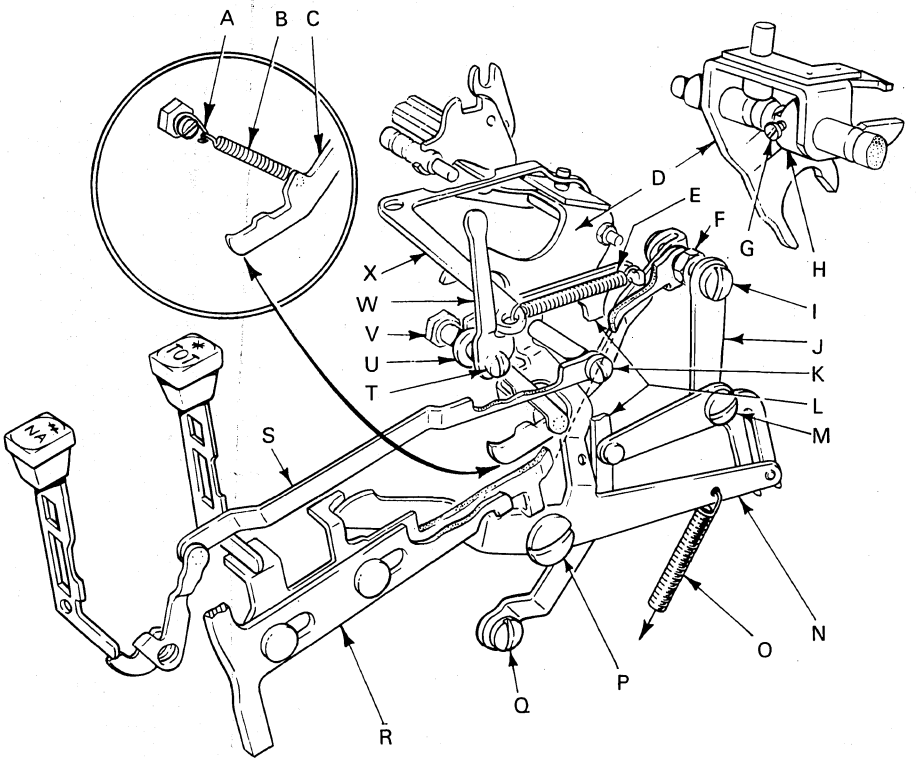
PART NUMBERS (Plate III—20)

A	1014 9466	control lever. See Plate III - 23 for other styles
B	1027 6574	spring
C	1015 3526	rocker arm
D	1015 3500	lever. Use 1015 3534 eccentric washer, 1067 1824 lockwasher and 1010 5476 screw
E	1011 3108	spring
F	1013 5101	lever
G	1011 1367	link
H	1011 9642	keystem. See Plate II - 9 for other styles
I	---- ----	See Plate II - 7 for keytops
AB	1014 9441	control lever, See Plate III - 23 for other styles
AC	1015 3518	arm
AD	1015 3732	screw. Use 1010 3927 washer
AE	---- ----	See Plate V - 6 and Plate V - 8 for rocker arms
AF	1010 0147	clip
BB	1013 5937	lever. See Plate V - 62 for other styles
BC	1025 4738	link
BD	1026 9892	spring
BE	1010 0220	clip
BF	1035 0924	screw. Use 1010 0360 nut
BG	1028 1046	post. Use 1011 2407 sleeve, 1010 4354 washer and 1010 0337 nut
BH	1011 1896	rocker arm

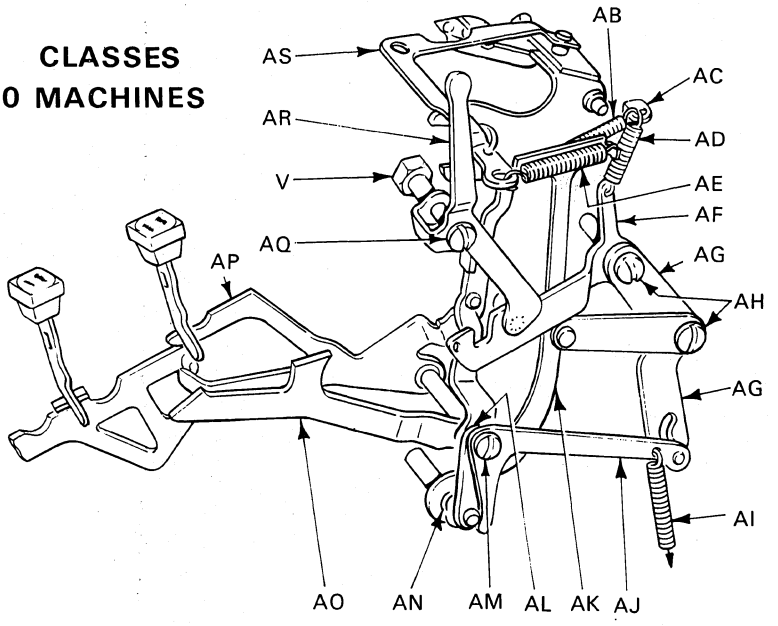
PRINTING

NON-PRINT, NON-SPACE EACH MACHINE OPERATION, EXCEPT FROM SPECIFIED CONTROL KEYS AND OPERATION CONTROL LEVERS (Plate III–21)

CLASS 9 MACHINES



CLASSES 8 & 10 MACHINES



Part Numbers On Next Page

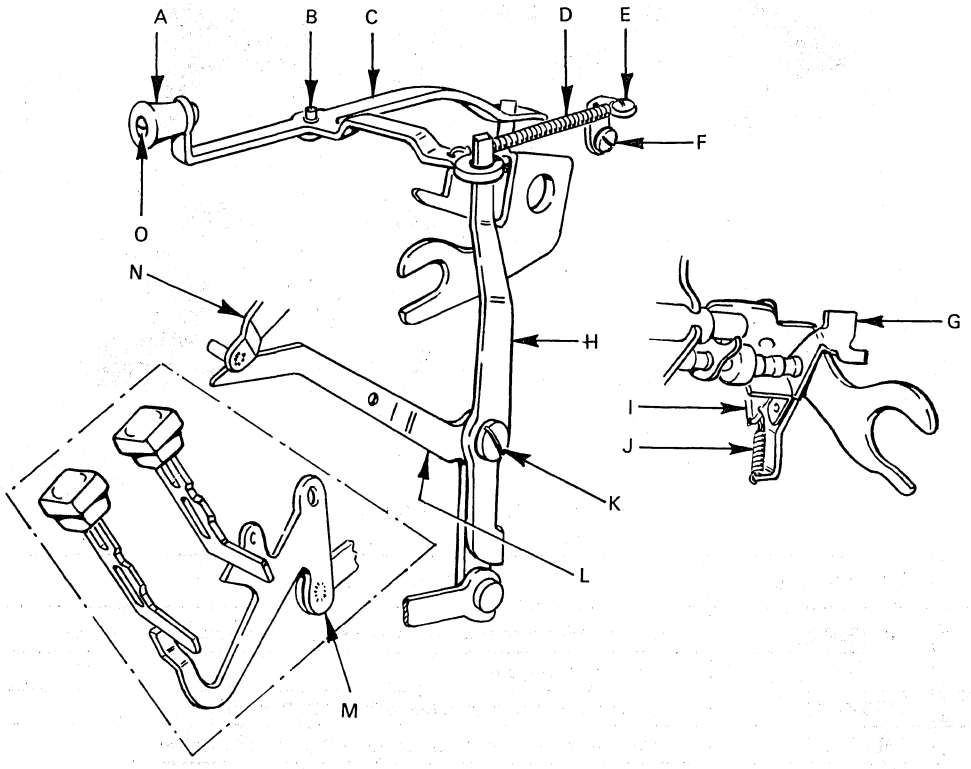
PRINTING

PART NUMBERS (Plate III–21)

A	1026 6252	wire spring anchor
B	1027 1971	spring
C	1067 9710	detent
D	---- ----	See Plate III - 8 for all styles of actuating arms
E	1026 9892	spring
F	1067 9835	bushing
G	1010 9643	screw
H	1014 7528	set collar
I	1010 4685	screw
J	1067 9769	link
K	1026 3226	shoulder screw
L	1067 9744	link
M	1025 6402	screw. Use 1256 7715 lock-washer, 1010 0378 nut
N	---- ----	Part no longer available
O	1044 3125	spring
P	1015 3732	screw
Q	1067 9785	screw
R	---- ----	Control arm
	1029 9071	for Class 9,Series P1300, P200, P2200 with direct minus balance
	1021 1845	for Class 9 Minus Balance with enforced total and sub-total mechanism
	1021 1837	for Class 9 Minus Balance with OCK 7-0 minus balance release mechanism
S	1067 9868	link
T	1010 6821	screw
U	1053 2679	spacer
V	1013 8626	shoulder nut
W	1067 9728	control lever
X	1014 9466	control lever. See Plate III - 23 for other styles
AB	1027 2037	spring
AC	1010 0071	spring anchor
AD	1027 6806	spring
AE	1026 9892	spring
AF	1013 6521	detent
AG	1035 0205	arm
AH	1015 3724	screw
AI	1061 3792	spring
AJ	1035 0056	rocker arm
AK	1035 0155	arm
AL	1012 8221	spacer
AM	---- ----	No longer available
AN	1010 8017	screw
AO	1041 4159	control arm
AP	1034 9496	control arm
AQ	1010 5682	screw
AR	1034 9793	control lever
AS	1014 9441	control lever. See Plate III - 23 for other styles

PRINTING

NON-PRINT, NON-SPACE MECHANISM, CLASS 10 BALANCE SCHEDULING MACHINE (Plate III–22)

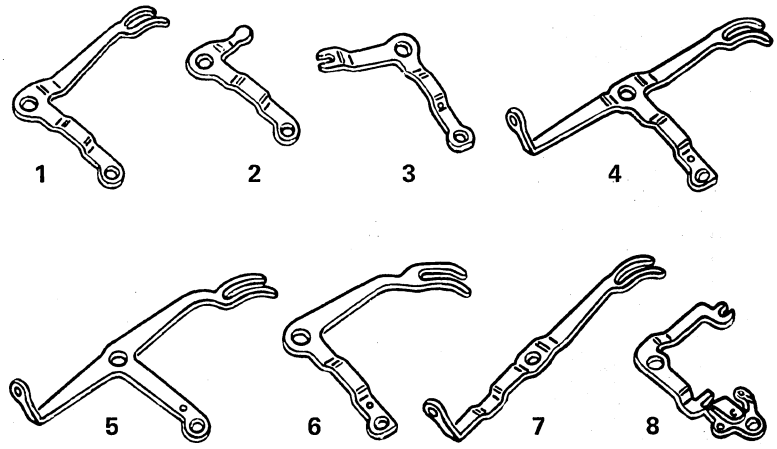


PART NUMBERS (Plate III–22)

A	1010 8363	knob
B	1010 6698	screw
C	---- ----	See Plate III - 23 for all styles of control levers
D	1026 9520	spring
E	1010 0071	spring anchor
F	1013 8030	screw
G	1023 2767	interlock
H	1013 6109	arm, for Class 10 Balance Scheduling machines
	1013 6117	arm, for Class 10 Validating and Receipting machines
I	1026 6252	wire spring anchor
J	1014 7650	spring
K	1040 5827	screw
L	1013 6729	lever
M	1011 1326	link. See Plate V - 61 for other styles
N	1013 6422	arm
O	1010 8413	screw. Use 1256 7715 lockwasher and 1010 0360 nut

PRINTING

OPERATION CONTROL LEVERS (OCL's) FOR POSITION 52 (Plate III–23)

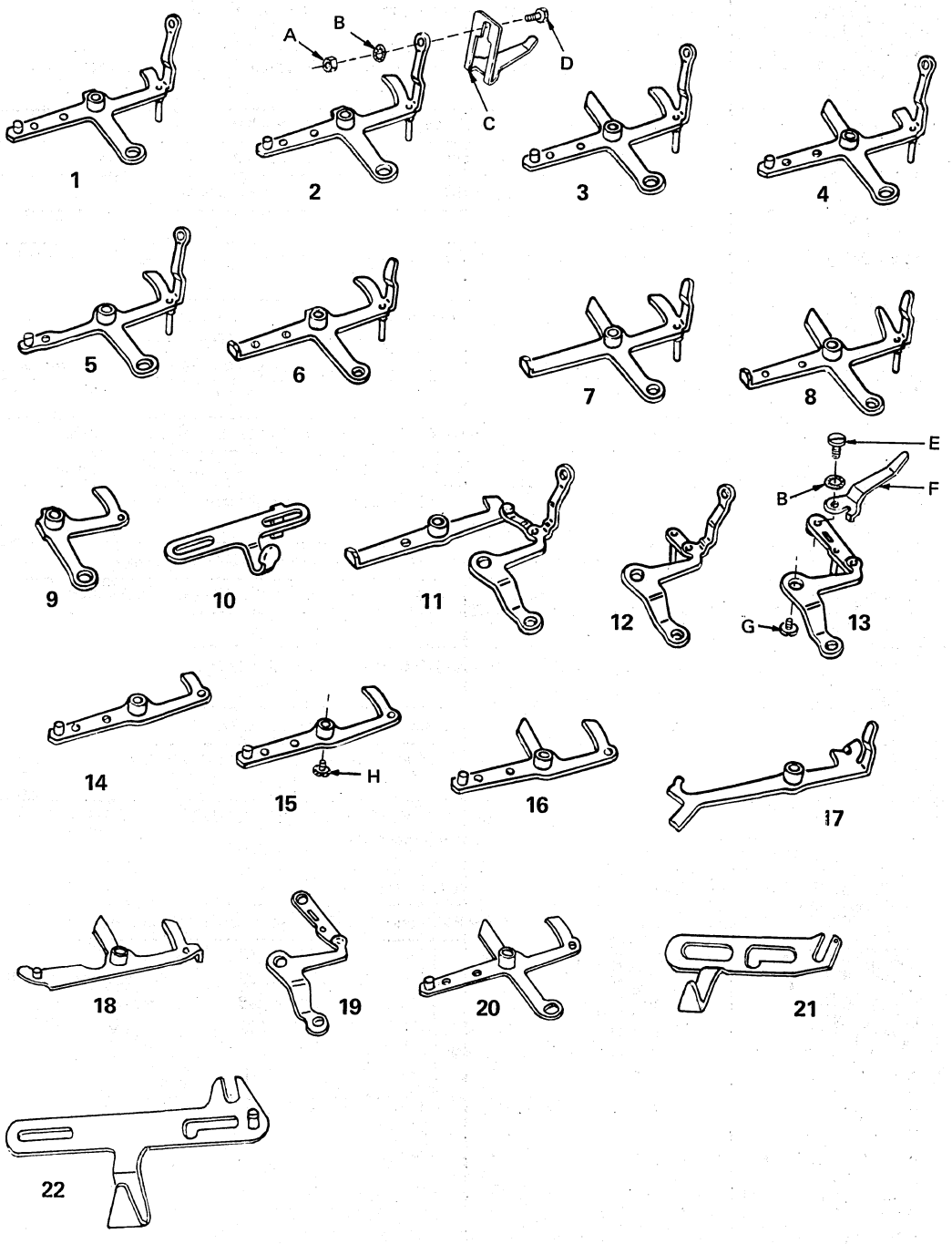


PART NUMBERS (Plate III–23)

REF.	PART NUMBER	TYPICAL USE
1	1014 9441	Class 9 Minus Balance to non-print and non-space from OCK 7-0
2	–	No longer available
3	1043 1708	Classes 8-9-10 with carriage controlled cipher split
4	1014 9458	Class 10 to non-print and non-space from OCK's 3-0 and 4-0
5	1014 9409	Class 9, Style 13, Minus Balance with non-print and non-space mechanism
6	1014 9466	Class 9 Minus Balance, to non-print and non-space from OCK 5-0 with extended totals
7	1014 9474	Class 10 with manual non-print and non-space lever
8	1014 9490	Class 9 with cipher split controlled from OCK's 5-0 and 6-0
9	1014 9425	Class 10 with cipher split controlled from OCK 3-0. Part not illustrated
	1010 6698	Screw for all levers

PRINTING

OPERATIONAL CONTROL LEVERS (OCL's) FOR POSITIONS 53 AND 63 (Plate III–24)



Part Numbers On Next Page

PRINTING

PART NUMBERS (Plate III — 24)

REF	PART NUMBERS	DESCRIPTION
1	1015 0175	OCL 53 — Same as Ref. 2 but trimmed to clear cipher split control slide, 13 col. construction
2	1015 0159	OCL 53 — To normalize Split and Normal; Number Count and Normal; Date - Repeat mechanism
3	1015 0142	OCL 53 — To normalize Number and Normal mechanism
4	1015 0167	OCL 53 — To normalize Date-Repeat without normalizing cipher split
Refs. 5, 6, 7 and 8 — — — — — — — —		No longer available
9	1043 2888	Bellcrank — For Date-Repeat and Normal mechanism controlled from OCK's in col. 0
10	1016 0687	Finger slide — For Series P400 and P5000 machines to normalize Number, Split and Normal mechanism. For Series P600 and P9000 machines to normalize Keyboard Date mechanism or any Rotary Printing device
Ref. 11 — — — — — — — — —		No longer available
12	1015 0191	OCL 53 — For Date-Repeat and Normal mechanism, 13 col. construction
13	1015 0118	Bellcrank - For number, Split and Normal mechanism, 13 col. construction
14	1015 0217	Lever — Same as ref. 15 but trimmed to clear cipher split control slide, 13 col. construction
15	1015 0209	Lever — For Date-Repeat and Normal mechanism, 13 col. construction
16	1015 0225	Lever — For Number, Split and Normal mechanism, 13 col. construction
Ref. 17 — — — — — — — — —		No Longer available
18	1019 5030	Lever — For Series P400 and P5000 machines with Number, Split and Normal mechanism
19	1019 3209	Bellcrank — For Series P400 and P5000 machines with Number, Split and Normal
20	1019 3233	Lever — For Series P100, P200 and P300 to normalize N.S.N; S.C.N; or N.C.N, mechanisms
21	1229 7495 1220 6538	Finger slide — For Series P110, P210, P310, P2110, P2210 and P2310 shuttle carriage machines with spring stud without stud but with hole for spring (shown)
22	1215 5461	Finger slide — For Series P400 and P5000 Shuttle Carriages Machines

A	1010 0386	nut	E	1300 6788	screw
B	1256 7715	lockwasher	F	1015 0290	lever extension
C	1015 0282	lever extension (shown)	G	1010 6698	screw
	1215 7145	lever extension for Series P1000 and P3000 machines	H	1010 4248	screw
D	1010 9601	screw			

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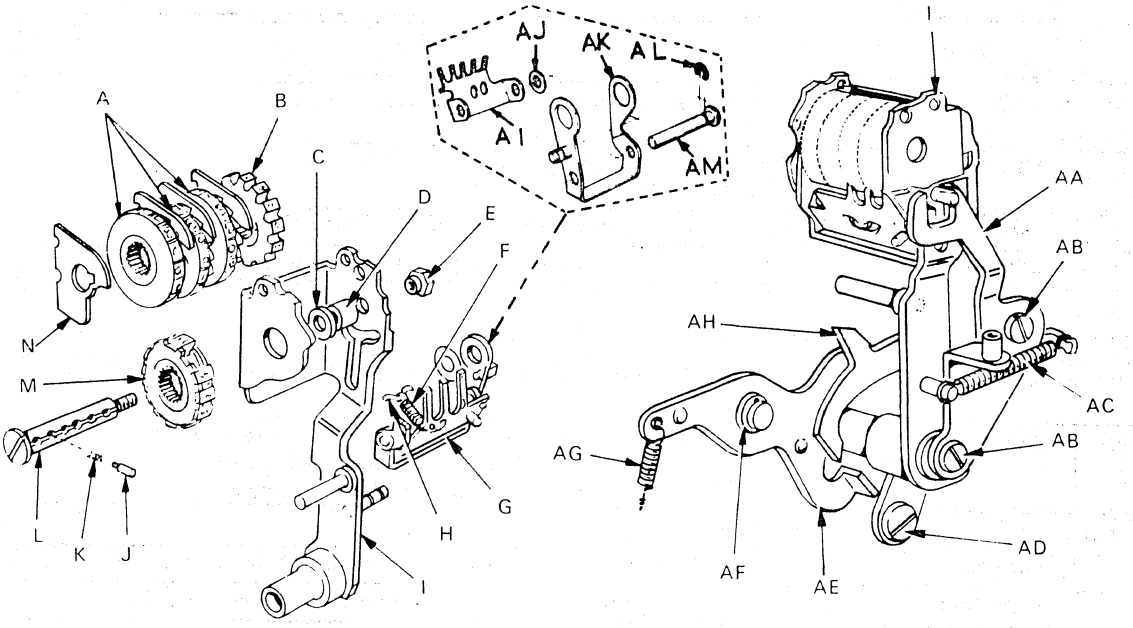
PRINTING

ROTARY PRINTING MECHANISM, CONSECUTIVE NUMBERING DEVICE (Plate III–25)



PART NUMBERS (Plate III–25)

Note: Any plastic wheels (Delrin) which may still be in use should be replaced by the appropriate metal wheels to ensure quality print.

A	---- ----	Numeral wheels
	1014 5936	0 thru 9, vertical (.157"wide) used for numbering
	1014 5951	1-2-3, vertical (.108" wide) used in tens of days col.
	1014 5977	0 thru 9, vertical (.108" wide) used in units of days col.
✓ B	---- ----	Year wheels with 9 year type, horizontal (.108" wide)
	1227 8248	73 thru 81
	1227 8255	74 thru 82
	1227 8263	75 thru 83
	1227 8271	76 thru 84
	1227 8289	77 thru 85
	1227 8297	78 thru 86
	1227 8305	79 thru 87
	---- ----	Year wheels with 12 year type, horizontal (.150" wide)
	1227 8370	73 thru 84
	1227 8388	74 thru 85
	1227 8396	75 thru 86
	1227 8404	76 thru 87
	1227 8412	77 thru 88
	1227 8420	78 thru 89
	1227 8438	79 thru 90
	---- ----	Year wheels with 12 year type, vertical (.150" wide)
	1227 8479	70 thru 81
	1227 8487	71 thru 82
	1227 8495	72 thru 83
	1227 8503	73 thru 84
	1227 8511	74 thru 85
	1227 8529	75 thru 86
	1227 8537	76 thru 87
	1227 8545	77 thru 88
	1227 8552	78 thru 89
	1227 8560	79 thru 90
C	1027 7184	washer
D	1014 6033	spacer (.170"wide)
	1023 7964	spacer (.195"wide)
E	1014 6058	shouldered nut (shown). For RCND with logotype
	1014 6041	nut for RCF
	1010 0402	nut for RCND without logotype
F	1026 9736	spring
✓ G	---- ----	finger bail advance assembly This part, in its assembled form, for ADVANCE BEFORE PRINT and ADVANCE AFTER PRINT, is no longer available, see refs. AI, AJ, AK, AL and AM for improved construction

Part Numbers Continued On Next Page

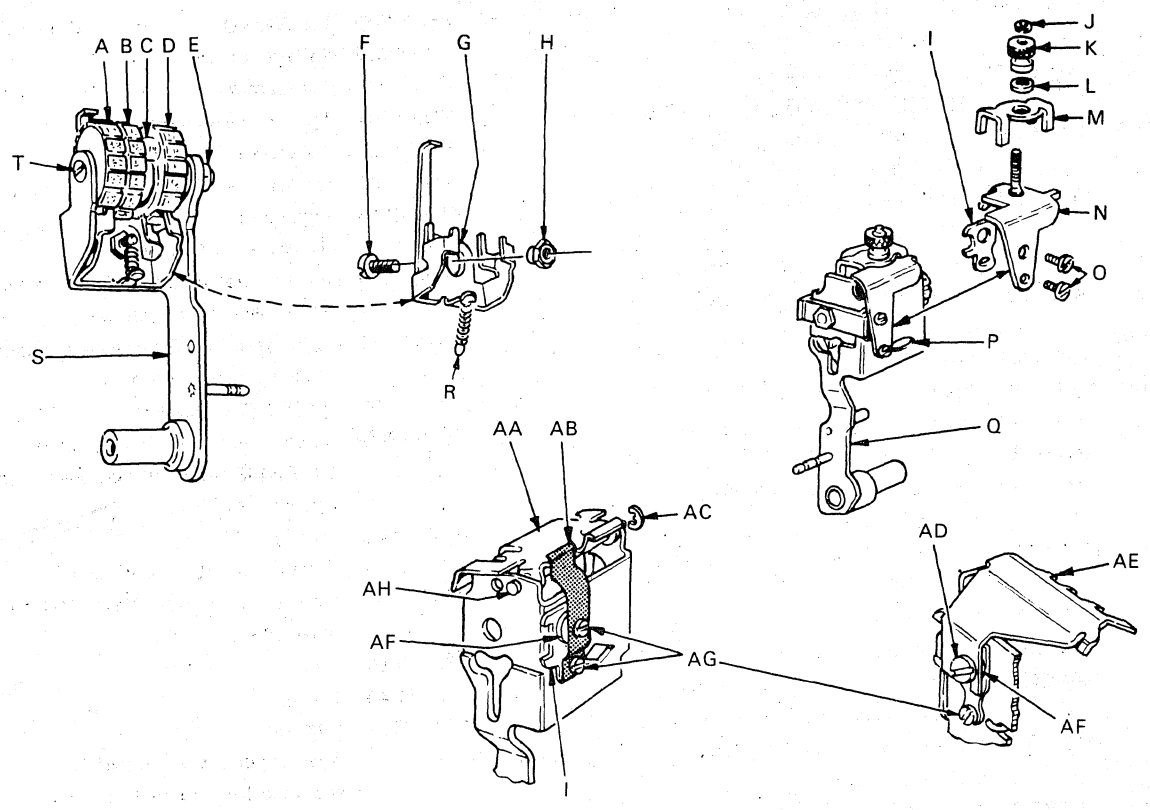
PRINTING

PART NUMBERS (Plate III–25) Continued

H	1026 6245	wire spring anchor
I	---- ----	Rotary frame
	1014 5373	for 4 wheels of date
		TO ADVANCE BEFORE PRINTING
	1014 5563	for 5 wheels, Side arm offset 3/16" approx.
	1014 5548	for 5 wheels. Side arm offset 1/16" approx.
		TO ADVANCE AFTER PRINTING
	1023 4383	for 5 wheels or less. Side arm offset 3/16" approx.
J	1030 6249	detent pin
K	1034 6864	spring for detent
L	---- ----	Printing wheel bearing screw
	1041 6634	for 4 wheels
	1041 6642	for 4 wheels and 1 character or month wheel
	1013 9608	for 5 wheels and 1 character or month wheel
	1013 9616	for 5 wheels
	1013 9566	for 4 wheels, foreign
	1041 6659	for logotype on left, months or days on right, outside of frame
	1041 6667	for 4 wheels, and 1014 5902 spacer on right
	1013 9574	for 4 wheels, months or days on right, outside of frame
	1013 9590	for 4 wheels, months and days
	1013 9582	for 5 wheels, and days on right, outside of frame
M	---- ----	Months wheels
	1014 6017	for two letter month abbreviations (JA,FE,MR,AP,MY,JE,JL,AU,SE,OC, NO,DE) (.150" wide)
	1014 6009	as above but with two letter abbreviations on left of wheel (.215" wide)
	1027 7317	for English months (.215" wide)
	1027 7333	for French months (.215" wide)
	1027 7341	for German months (.215" wide)
	1215 4944	for Japanese months (.215" wide)
	1027 7325	for Italian months (.215" wide)
	1027 7358	for Spanish months (.215" wide)
N	1014 0036	separator
AA	---- ----	Advance control arm
	1014 7429	for 4 wheel construction to advance each machine operation
	1014 7395	for 5 wheel construction to advance each machine operation
	1014 7403	for RCND to advance from OCK's
AB	1010 8983	screw. Use 1014 7551 post or 1042 6468 post for extended totals and normal
✓AC	1027 1948	spring
AD	1013 1753	screw. Use 1013 7883 nut
AE	1014 7171	hammer latch. See Plate III-7 for other styles
AF	1026 7060	clip
AG	1027 2946	spring
AH	1014 6983	hammer
✓AI	---- ----	five finger advance bail Trim as required for four or three fingers
	1014 5316	for 'Advance Before Printing'
	1023 4300	for 'Advance After Printing'
✓AJ	1024 6502	shim, used to align AI between side arms of AX
AK	---- ----	support bail for AI
	1014 5654	for 'Advance Before Printing'
	1023 4458	for 'Advance After Printing'
✓AL	1255 3384	clip
✓AM	1853 2614	shaft for AI and AK

PRINTING

ROTARY PRINTING MECHANISM - LOCKING DEVICES AND SHIELDS FOR CALENDAR FEATURE (Plate III–26)



PART NUMBERS (Plate III–26)

A	---- ----	See Ref. B, Plate III - 25 for year wheels
B	1027 7366	0 thru 9 numeral wheel (.150" wide)
C	1027 7226	1-2-3 numeral wheel (.150" wide)
D	---- ----	See Ref. M, Plate III - 25 for months wheels (.215" wide)
E	1010 0402	nut, without logotype
	1014 6041	shoulder nut, with logotype
F	1010 8975	screw
G	1014 5514	wheel lock
H	1047 8881	nut
I	1014 5738	lock plate
J	1010 0170	clip
K	1027 6996	finger nut
L	1256 7715	lockwasher
M	---- ----	Wheel lock
	1014 5506	shown, for months and years
	1042 4372	for months
N	1042 4323	shield
O	1010 9163	screw. Use 1256 7715 lockwasher
P	1026 6245	wire spring anchor
Q	---- ----	See Ref. I, Plate III - 25 for frame detail
R	1027 6608	spring
S	---- ----	See Ref. I Plate III - 25 for frame detail
T	1013 9558	printing wheel bearing screw. See Ref. L. Plate III - 25 for other styles
AA	---- ----	Wheel cover
	1042 4356	shown, for months and years
	1014 5472	for months wheel
	1014 5480	for year, month and days
	1014 5498	for 4 wheels, month and days
AB	1014 5431	spring clip
AC	1010 0170	clip
AD	1010 6102	screw
AE	---- ----	Wheel cover
	1014 5407	for 5 wheels
	1014 5415	for 3 wheels and Cal. Fte
AF	1014 6066	washer
AG	1028 8769	screw
AH	1013 9657	shaft

ROTARY PRINTING MECHANISMS – COMPLETE CONSECUTIVE NUMBERING DEVICES OR CALENDAR FEATURE DEVICES (Plate III–27)

The following assemblies are not equipped with B, C, D and E, Plate III – 31 for logotype attachment

PART NUMBER	PRINTS	DESCRIPTION
1052 8362	/NOV 15 71/	English
1222 9613		French
1222 9621		German
1222 5918		Spanish
1222 9639		Japanese
1222 9647		Italian
	/15 NOV 71/	
1222 9704		English
1222 9712		French
1222 9720		German
1222 9738		Italian
1222 9746		Spanish
	/99999/ NOV	
1046 1960		English
1226 5005		French
1226 5013		German
1226 5021		Japanese
1226 5039		Italian
1226 5047		Spanish
	/9999/ NOV	
1226 5054		English
1226 5062		French
1226 5070		German
1226 5088		Japanese
1226 5096		Italian
1226 5104		Spanish

This chart is continued on next page

PART NUMBERS (Plate III–27) Continued

PART NUMBER	PRINTS	DESCRIPTION
1042 4489	/NOV 15 71/ W M	For Postal Card Receipting machine
1042 4513	/NOV 71 SM/	For Social Security machine with lever
1053 0707	/9999/	
1222 9993	/99999/	

The following assemblies are equipped with B, C, D and E, Plate III – 31, for logotype attachment.

PART NUMBER	PRINTS	DESCRIPTION	
	PAID/NOV 15 71/		
1053 3933		English	For 910108, 120, 121,
1222 9654		French	124, 125, 126, 173 and
1222 9662		German	101056, 167.
1222 9670		Japanese	
1222 9688		Italian	
1222 9696		Spanish	
	PAID/99999/NOV		
1053 3206		English	For 1010311 and 312
1222 9753		Czechoslovakian	Advance before print
1222 9761		Dutch	
1222 9779		Finnish	
1222 9787		Greek	
1222 9795		Portuguese	
1222 9803		Norwegian	
1222 9811		Swedish and Danish	
1222 9829		Turkish	
	✻/9999 NO/15		
1222 9977		English	Advance before print
1222 9985		Japanese	
	99/999≠NO/15		
1222 9910		English	For 1010103 Advance before print

This Chart is Continued On Next Page

PART NUMBERS (Plate III–27) Continued

PART NUMBER	PRINTS	DESCRIPTION	
	PD/99999/NOV		
1222 9399		English	For 1010311 and 312
1222 9407		French	Advance before print
1222 9415		German	
1222 9423		Japanese	
1222 9431		Italian	
1222 9449		Spanish	
With cover for wheels	PAID/999 ⇄ NOV/15		
1226 5112		English	For 1010301, 302, 360, 382, 384
1226 5120		French	Advance before print
1226 5138		German	
1226 5146		Japanese	
1226 5153		Italian	
1046 1978		Spanish	
Without cover for wheels			
1226 5161		English	
1226 5179		French	
1226 5187		German	
1226 5195		Japanese	
1226 5203		Italian	
1226 5211		Spanish	
	✻/999 ⇄ /FEB		
1226 5229		English	For 1010305
1226 5237		French	Advance before print
1226 5245		German	
1226 5252		Japanese	
1226 5260		Italian	
1226 5278		Spanish	
	PD / NJB/ ⇄ 9999/NOV		
1053 0699		English	For 1010304
1222 9928		French	Advance before print
1222 9936		German	
1222 9944		Japanese	
1222 9951		Italian	
1222 9969		Spanish	

This chart is continued on next page

PART NUMBERS (Plate III–27) Continued

PART NUMBER	PRINTS	DESCRIPTION	
1062 2041	✲/99999/		Advance after print
	✲/999F̄NOV/15		
1226 5500		English	
1226 5518		French	
1226 5526		German	Advance after print
1226 5534		Japanese	
1226 5542		Italian	
1226 5559		Spanish	
	✲ /9999 NO/15		
1226 5567		English	Advance after print
1226 5575		Japanese	
1062 2074	✲ /9999/		Advance after print
1216 9140	✲ /999ō11/15	Japanese only.	Advance before print
	✲ /999F̄/NOV		
1226 5583		English	
1226 5591		French	Advance before print
1226 5609		German	
1226 5617		Japanese	
1226 5625		Italian	
1226 5633		Spanish	
	/NOV 15 71/		
1226 5286		English	For Series P600 and P9000
1226 5294		French	with Rotary Device adjacent
1226 5302		German	to column 10
1226 5310		Japanese	
1226 5328		Italian	
1226 5336		Spanish	
	/15 NOV 71/		
1226 5344		English	For Series P600 and P9000
1226 5351		French	with Rotary Device adjacent
1226 5369		German	to column 10
1226 5377		Italian	
1226 5385		Spanish	

This chart continued on next page

PART NUMBERS (Plate III–27) Continued

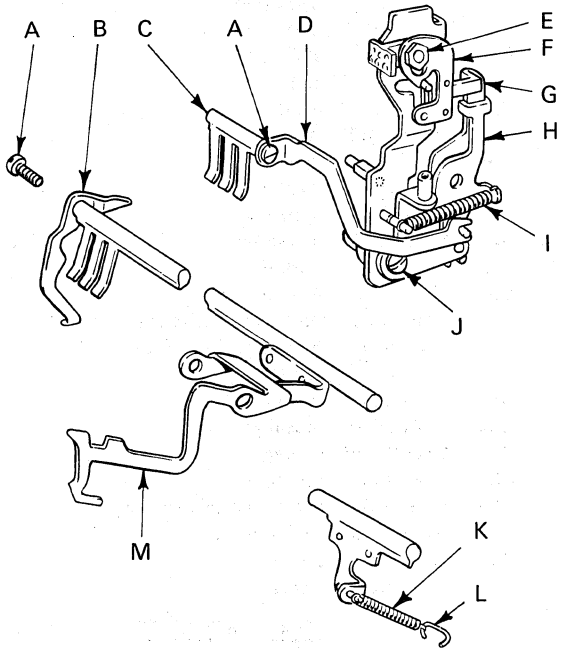
PART NUMBER	PRINTS	DESCRIPTION	
	/NOV 15 71/		
1226 5393		English	For Series P600 and P9000
1226 5401		French	with Rotary Device adjacent
1226 5419		German	to column 13
1226 5427		Japanese	
1226 5435		Italian	
1226 5443		Spanish	
	/15 NOV 71/		
1226 5450		English	Series P600 and P9000
1226 5468		French	with Rotary Device adjacent
1226 5476		German	to column 13.
1226 5484		Italian	
1226 5492		Spanish	
1215 0009	*/9999/	Teller Type used with this assembly. See Plate III – 32 for detail	

*Indicates that the logotype is as specified on Factory Order. The diagonal lines / represent the frame of the rotary hanger. See Plate III – 32 for details of standard logotypes.

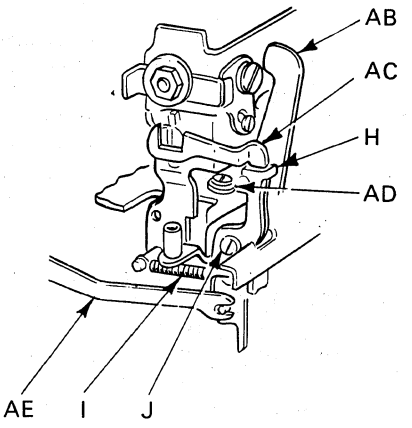
PRINTING

ROTARY PRINTING MECHANISMS,CONTROLS (Plate III–28)

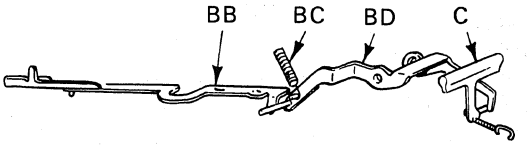
THROUGH HAMMERHEAD



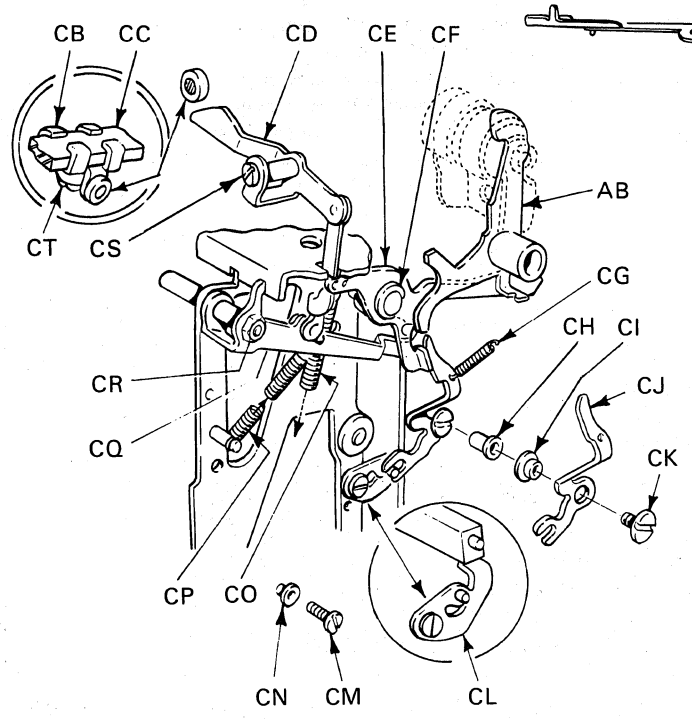
THROUGH BACKBAIL



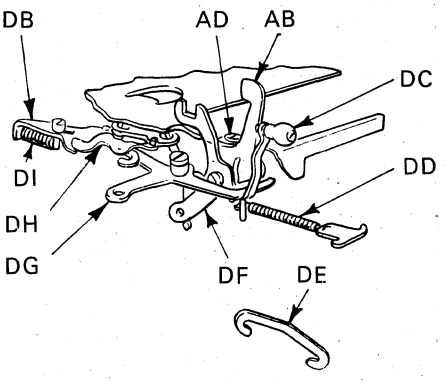
THROUGH LOCK IN POSITION 2-0



THROUGH CARRIAGE



THROUGH OCL No.53



Part Numbers On Next Page

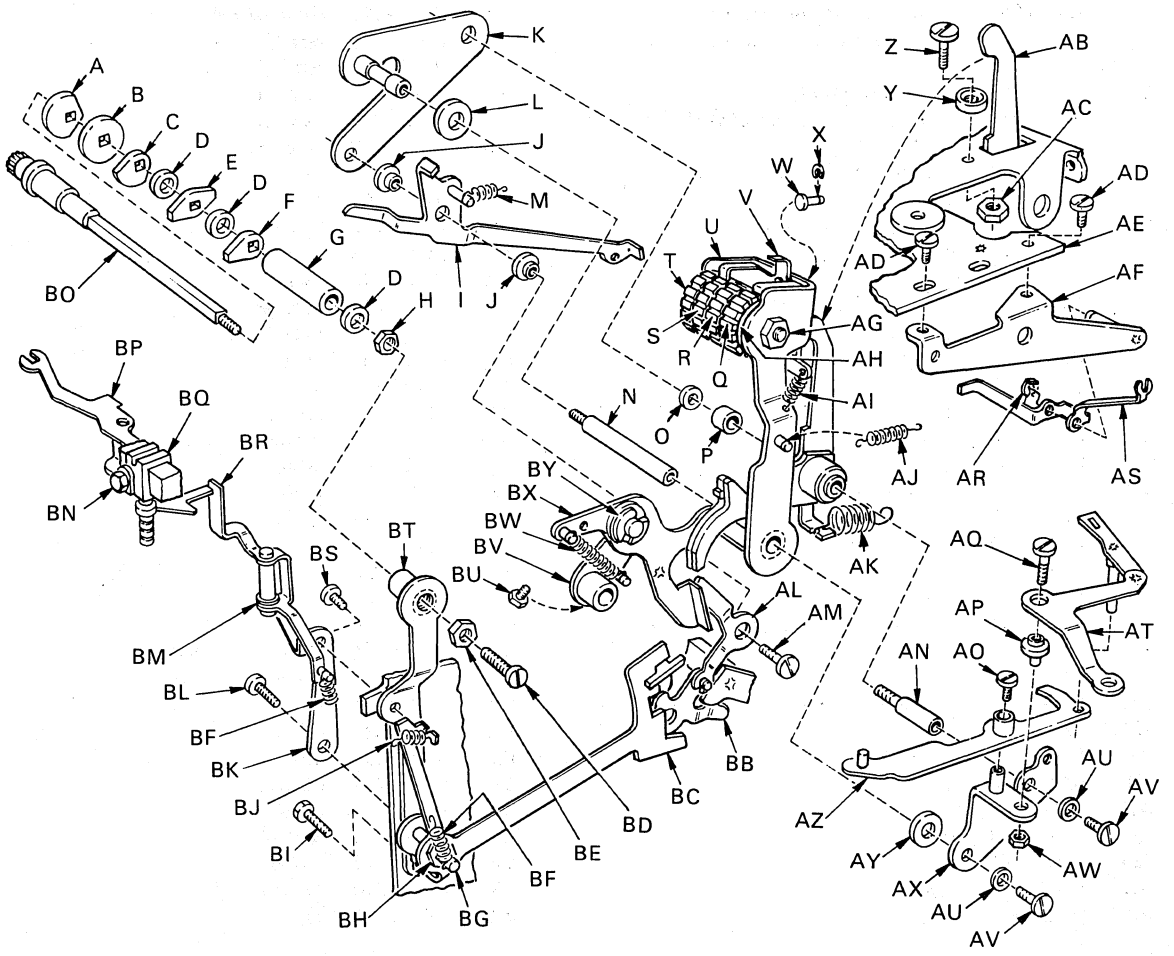
PRINTING

PART NUMBERS (Plate III–28)

		THROUGH HAMMERHEAD
A	1047 4120	screw
B	1014 9722	control arm. Use 1017 4795 collar and 1018 0073 shoulder screw
C	---- ----	See Plate III - 10 for guide comb and hammer block bail detail
D	1034 9967	coupling arm
E	1014 6058	shoulder nut (shown). Use 1042 4919 for Field installation
F	---- ----	Use 1014 5753 arm and 1010 8983 screw
G	---- ----	Use 1014 5753 arm and 1010 8983 screw
H	---- ----	Rocker and guide plate
	1014 7403	for Class 10 with OCK 6-0 and normalizing lever
	1042 6377	for Class 10 with RCND to advance after printing
	1014 7395	for Classes 8-9-10 machines with RCND
I	1027 1948	spring
J	1010 8983	screw
K	1044 3125	spring
L	1026 6252	wire anchor
M	1015 0779	control arm. See Plate III - 19 for other styles
		THROUGH BACK BAIL
AB	1014 6983	hammer
AC	1014 5753	advance control arm
AD	1013 1753	screw. Use 1014 6074 washer and 1013 7883 nut
AE	1014 9995	control bail. See Plate III - 31 for other styles
		THROUGH LOCK IN POSITION 2-0
BB	1052 1607	slide
BC	1026 9801	spring
BD	---- ----	No longer available
		THROUGH CARRIAGE
CB	1012 9641	control roll hanger (shown)
	1012 9658	hanger for passbook carriage
CC	1012 9625	shaft. Use 1010 5492 collars and 1035 0890 screws
CD	1012 9708	control lever
CE	1014 7163	hammer latch
CF	1026 7060	clip
CG	1027 6582	spring
CH	1013 7719	bushing
CI	1010 7399	bushing
CJ	1013 5317	rocker arm
CK	1010 5682	screw
CL	---- ----	Rocker arm
	1013 5309	for Class 9 with keyboard cal. fte.
	1013 5291	for Classes 8-10 with keyboard cal. fte.
CM	1010 8991	screw
CN	1010 5740	bushing
CO	1026 9504	spring
CP	1027 6566	spring
CQ	1015 0860	control arm assembly
CR	1015 1678	shoulder nut
CS	1010 9163	screw
CT	1010 5393	screw
		THROUGH OCL 53
DB	1015 0258	detent
DC	1010 8363	knob. Use 1010 8413 screw, 1256 7715 lockwasher and 1010 0360 nut.
DD	1014 7668	hammer spring with eyelet
DE	1010 0048	
DF	1014 7429	anchor, See Ref H for other styles
DG	1015 0159	control lever. See Plate III - 24 for other styles
DH	1015 1033	detent
DI	1013 3098	spring

PRINTING

ROTARY PRINTING MECHANISM, SERIES P600 AND P9000 (Plate III—29)



PART NUMBERS (Plate III—29)

A	1015 9168	cam, three control positions
B	1015 9184	cam, four control positions
C	1015 9143	cam, two adjacent control positions
D	1017 5255	spacer
E	1015 9150	cam, two opposite control positions
F	1015 9135	cam, single control position
G	1017 4381	spacer
H	1010 0337	nut
I	1015 8335	control arm
J	1010 5740	bushing
K	---- ----	Support bracket
	1015 8053	for rotary adjacent to col. 13
	1015 8046	for rotary adjacent to col. 10
L	1010 6987	spacer
M	1026 9371	spring
N	1015 5737	support post
O	1010 4446	spacer
P	---- ----	Spacer, use as required when adjusting latch BX
	1010 6664	.027" thickness of wall
	1023 7626	.050" thickness of wall
Q	---- ----	Months wheel (.215" wide)
	1027 7317	English
	1027 7333	French
	1027 7341	German
	1215 4944	Japanese
	1027 7325	Italian
	1027 7358	Spanish
	1067 7391	Turkish
	1027 7259	Finnish
	1027 7267	Greek
	1027 7275	Dutch
	1226 2432	Czechoslovakian
	1027 7283	Norwegian
	1226 2473	Swedish or Danish
	1027 7309	Portuguese
R	1027 7226	wheel, 1-2-3, for tens of days (.150" wide)

Part Numbers Continued On Next Page

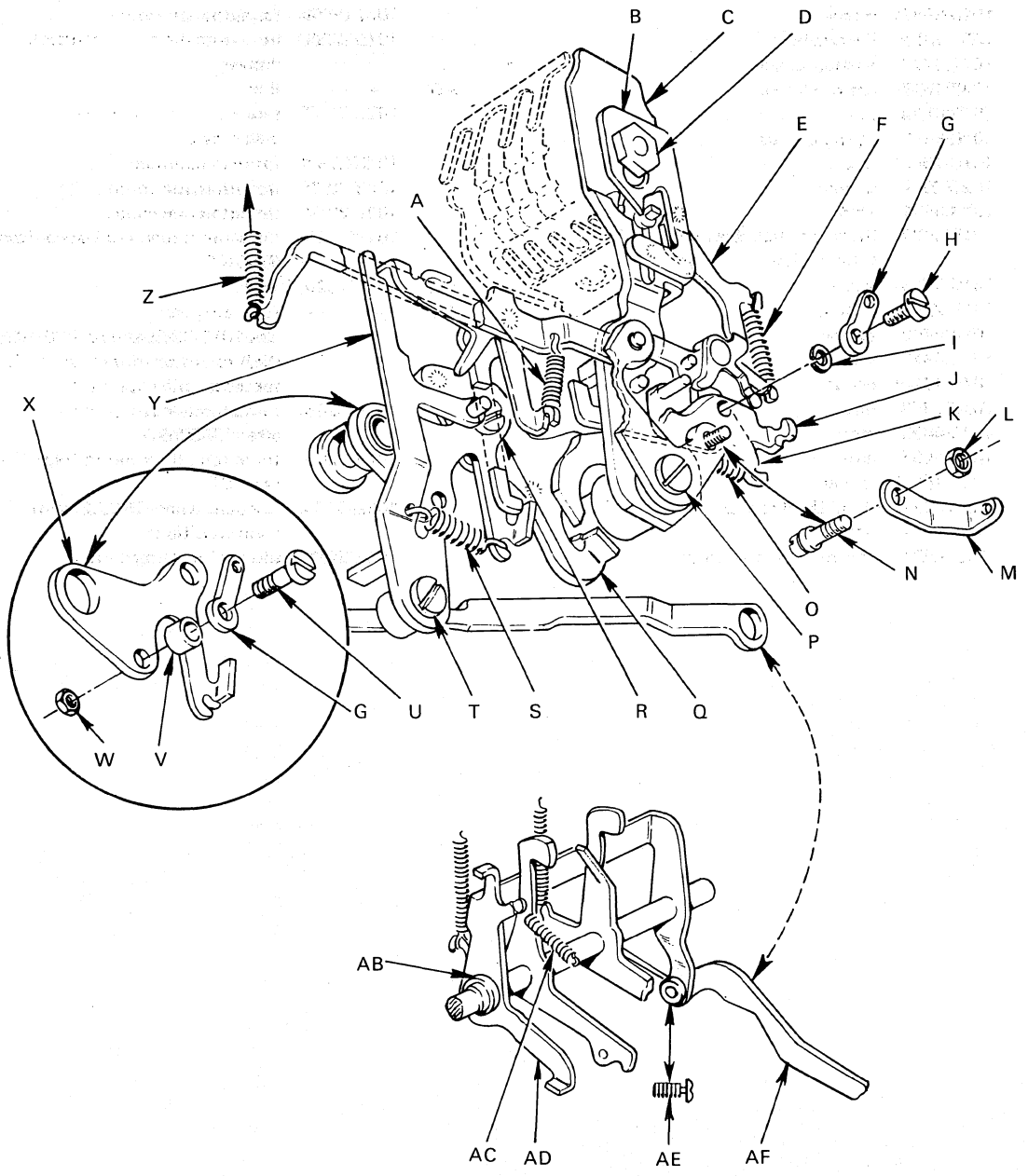
PRINTING

PART NUMBERS (Plate III–29) Continued

S	1027 7366	wheel, 0 thru 9, for unit days
T	---- ----	See Ref. B Plate III - 25 for year wheels
U	---- ----	Rotary frame only
	1015 7824	for when rotary is adjacent to col. 13
	1015 7808	for when rotary is adjacent to col. 10
V	---- ----	Latch for dial wheels
	1015 7840	shown for 13 col. constr. domestic
	1015 7857	for 13 col. constr. foreign
	1023 4714	for 10 col. constr. domestic
	1023 4706	for 10 col. constr. foreign
W	1015 8087	pin
X	1010 0154	clip
Y	1014 6074	collar
Z	1013 1753	screw
AB	---- ----	Hammer for rotary
	1014 6983	for 13 col. construction
	1015 9572	for 10 col. construction
AC	1013 7883	nut
AD	1010 8991	screw
AE	1019 4645	hammer head. See Plate III - 4 for other styles
AF	1015 8277	bracket
AG	1010 0402	nut. Use 1013 9558 shaft
AH	1014 5902	spacer
AI	1027 2839	spring
AJ	1026 9868	spring
AK	1014 7668	spring
AL	1015 9226	bellcrank
AM	1010 5161	screw
AN	1014 7551	post
AO	1010 8991	screw
AP	1017 4928	shoulder collar
AQ	1044 2796	screw
AR	1010 0220	clip
AS	1013 5275	control arm
AT	1016 0695	bellcrank
AU	1256 7442	lockwasher
AV	1010 8983	screw
AW	1010 0360	nut
AX	1015 9192	bracket
AY	1010 6987	spacer
AZ	1019 5048	lever
BB	1015 9234	bellcrank
BC	1015 9549	indexing arm
BD	1018 0362	screw
BE	1010 0337	nut
BF	1027 6236	spring
BG	1023 8442	spring anchor screw
BH	1026 3895	bushing
BI	1018 0370	screw
BJ	1026 9298	spring
BK	1015 9556	bracket
BL	1010 9023	screw
BM	1010 0147	clip
BN	1017 1726	screw
BO	1015 8194	printing camshaft
BP	1023 3294	control arm, Lane 2
BQ	1020 6951	control roll hanger
BR	1015 9531	bellcrank
BS	1010 5393	screw
BT	1015 9481	bracket
BU	1301 0251	screw
BV	1015 9523	control arm
BW	1026 9975	spring
BX	1015 9580	hammer latch
BY	1300 1417	clip

PRINTING

ROTARY PRINTING MECHANISM TO ADVANCE AFTER PRINTING (Plate III–30)



PART NUMBERS (Plate III–30)

A	1017 1460	spring	D	1042 4893	outside nut
B	1014 5399	actuating slide		1042 4901	inside nut
C	---- ----	Rotary frame	E	1042 6302	actuating arm
	1023 4383	side arm offset $^{3}/_{16}$" approx.	F	1027 2946	spring
	1023 4375	side arm offset $^{1}/_{16}$" approx.	G	1026 6401	spring anchor

Part Numbers Continued On Next Page

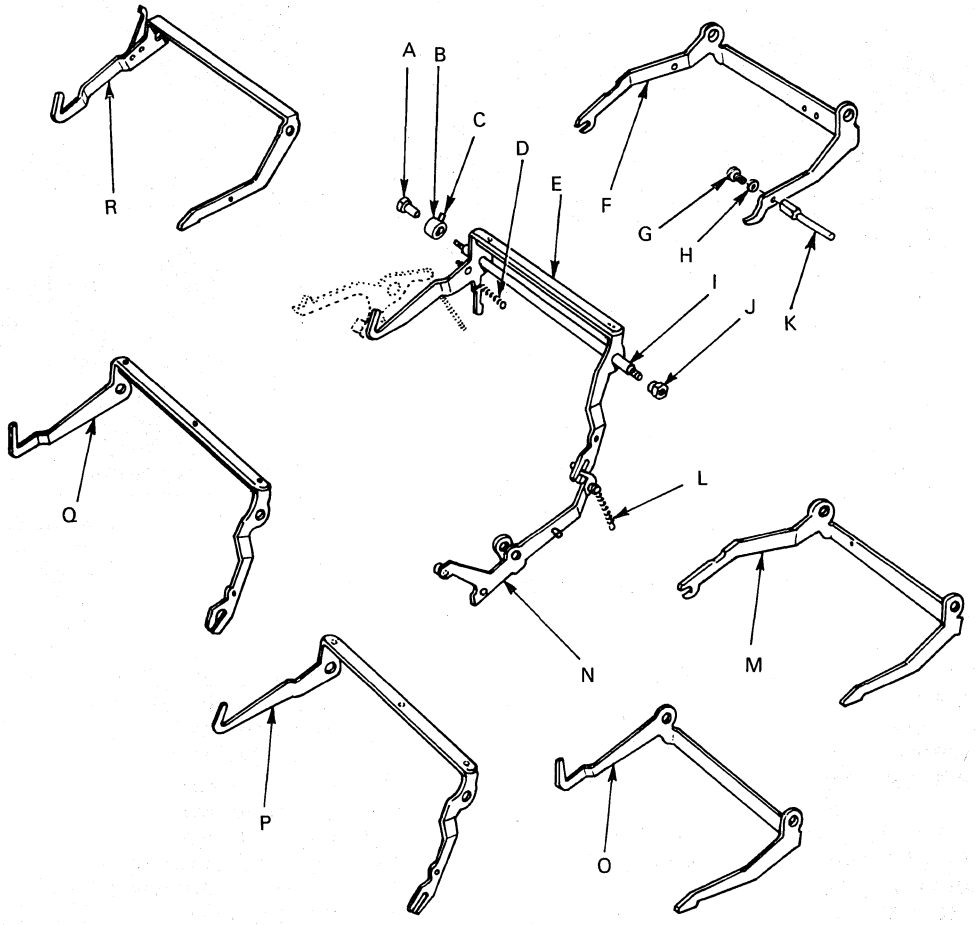
PRINTING

PART NUMBERS (Plate III–30) Continued

H	1010 8983	screw
I	1067 1824	lockwasher
J	1042 6377	anchor blank
K	1042 4547	control latch
L	1010 0360	nut
M	1026 6500	spring anchor
N	1013 1993	screw
O	1027 7549	spring
P	1010 5161	screw
Q	1042 5437	hammer latch. See Plate III - 7 for other styles
R	1010 5393	screw
S	1015 2262	spring
T	1010 4768	screw
U	1010 4644	screw
V	1015 1710	collar
W	1010 0378	nut
X	1043 4603	arm
Y	1043 4595	arm
Z	1017 1411	spring
AB	1047 2421	shouldered spacer
AC	---- ----	Spring
	1027 6301	for item counter only
	1027 6574	for automatic count
	1015 2239	for automatic count and cash drawer
AD	---- ----	Bail
	1023 2783	shown, for automatic count and cash drawer
	1023 2791	for item counter
	1023 2809	for automatic count
	1023 2817	for automatic count
	1014 7338	for counter dial to advance from OCK 6-0
AE	1017 1320	screw
AF	---- ----	Actuating arm
		Use 1019 3266 arm and 1019 2615 shaft on m/cs before P345051D, for automatic count in Reg. "A"
	1019 3266	for automatic count in Reg. "A" after P345050D
	1043 3209	for automatic count in Regs. "A" and "B"
	1019 3274	to count when OCL 53 is in count position
	1043 3225	shown, for item counter

PRINTING

ROTARY PRINTING MECHANISM, BACK BAIL CONTROLS (Plate III–31)

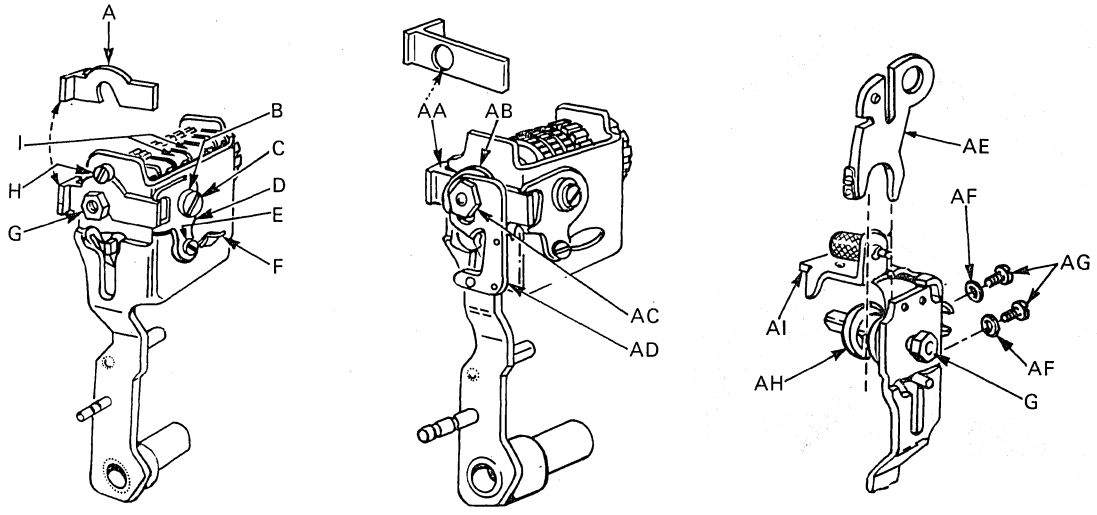


PART NUMBERS (Plate III–31)

A	1015 1678	shoulder nut
B	1017 0918	set collar, includes C
C	1017 1387	screw
D	1026 9496	spring
E	1043 4207	bail, for Class 10, 6" F.F. cge. With OCK 8-0 to disable printing of RCF or RCND
F	1014 9995	bail, for Class 10 with OCK 6-0 and OCL 51 to disable RCND
G	1010 4875	screw
H	1010 4362	washer
I	---- ----	Tie shaft
	1014 8047	10 col. construction
	1014 8054	for Class 9, 13 col. constr.
J	1017 0934	nut
K	1015 2072	post
L	1026 9900	spring
M	1034 9454	bail, to actuate RCND from OCK 6-0
N	1013 5150	rocker arm
O	1034 9371	bail, to disable RCF from OCK's 3-0, 4-0, 5-0 and 6-0
P	1043 4173	bail, to actuate RCF, Class 10
Q	1043 4280	bail, to disable RCF, Class 8-10 with 6" F.F. carriage
R	1034 9579	bail, to actuate RCND in combination with ticket lifting device
	1019 5212	bail, for Class 8 machines with signature printer with rotary to print from motor bar

PRINTING

LOGO TYPE (Plate III–32)



PART NUMBERS (Plate III–32)

A	---- ----	Logotype (central)
	1014 4111	blank for local engraving
	1814 4238	PAID
	1014 4194	PD
	1046 2968	FNB
	1813 4130	WATR DEPT
	---- ----	Logotype (offset right)
	1014 4129	blank for local engraving
	1014 4202	FNB
	1053 1176	BL
	1814 4253	PAID
	1813 4130	WATR DEPT
	---- ----	Logotype (central) Nos. 1 thru 1500
	1041 8911	specify number
B	1014 6066	washer
C	1047 4120	screw
D	1014 5738	logotype locating blank
E	1027 7028	screw
F	1026 6245	wire anchor
G	1014 6058	shoulder nut for logotype. Use 1010 0402 nut if without logotype
H	1010 6821	screw
I	1014 0036	separator plates
AA	---- ----	Logotype (central)
	1042 0784	blank for local engraving
	1067 9215	BL
	1014 4137	PAID
	1014 4145	PD
	---- ----	Logotype (offset right)
	1041 8812	blank for local engraving
	1046 2950	PAID
	1041 8820	BL
	1014 4152	FNB
AB	1013 6919	washer
AC	1042 4919	nut
AD	1042 4273	slide
AE	---- ----	Teller identification type

Alphabet Codes

1014 4236	AA	1226 2879	BB
1226 2887	CC	1226 2895	DD
1226 2903	EE	1226 2911	FF
1226 2911	FF	1226 2929	GG
1226 2937	HH	1226 2945	II
1226 2952	JJ	1226 2960	KK
1226 2978	LL	1226 2986	MM
1226 2994	NN	1226 3000	OO
1226 3018	PP	1226 3026	QQ
1226 3034	RR	1226 3042	SS
1226 3059	TT	1226 3067	UU
1226 3075	VV	1226 3083	WW
1226 3091	XX	1226 3109	YY
1226 3117	ZZ		

---- ---- Numeral Codes

1226 3125	1	1226 3133	2
1226 3141	3	1226 3158	4
1226 3166	5	1226 3174	6
1226 3182	7	1226 3190	8
1226 3208	9	1226 3216	10

Part Numbers Continued On Next Page

PRINTING

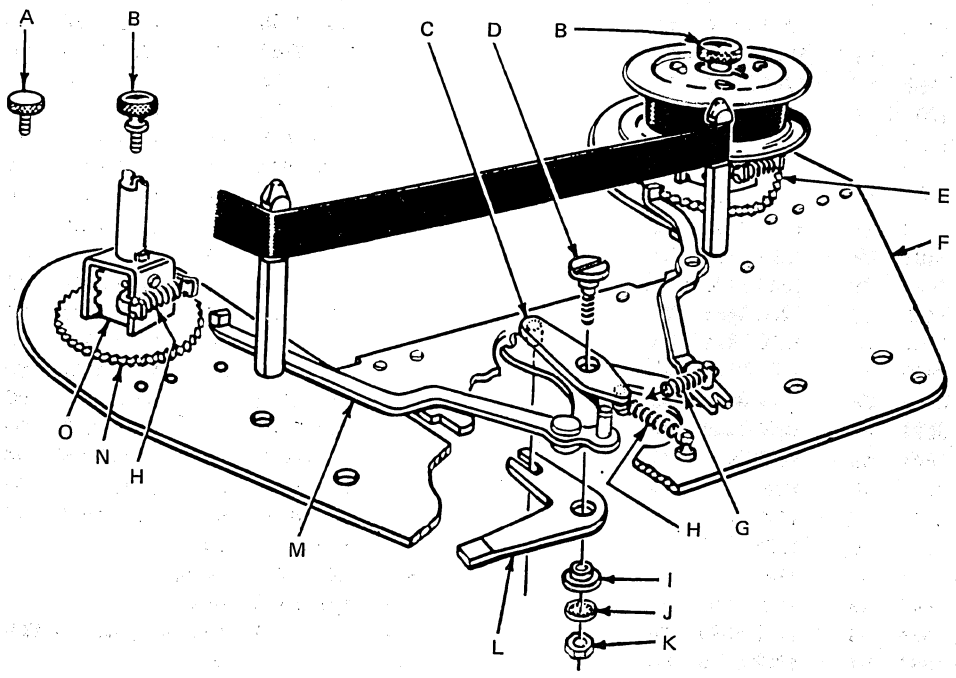
PART NUMBERS (Plate III–32) Continued

1226 3224	11	1226 3232	12	1226 3729	61	1226 3737	62
1226 3240	13	1226 3257	14	1226 3745	63	1226 3752	64
1226 3265	15	1226 3273	16	1226 3760	65	1226 3778	66
1226 3281	17	1226 3299	18	1226 3786	67	1226 3794	68
1226 3307	19	1226 3315	20	1226 3802	69	1226 3810	70
1226 3323	21	1226 3331	22	1226 3828	71	1226 3836	72
1226 3349	23	1226 3356	24	1226 3844	73	1226 3851	74
1226 3364	25	1226 3372	26	1226 3869	75	1226 3877	76
1226 3380	27	1226 3398	28	1041 9992	77	1226 3885	78
1226 3406	29	1226 3414	30	1226 3893	79	1226 3901	80
1226 3422	31	1226 3430	32	1226 3919	81	1226 3927	82
1226 3448	33	1226 3455	34	1226 3935	83	1226 3943	84
1226 3463	35	1226 3471	36	1226 3950	85	1226 3968	86
1226 3489	37	1226 3497	38	1226 3976	87	1226 3984	88
1226 3505	39	1226 3513	40	1226 3992	89	1226 4008	90
1226 3521	41	1226 3539	42	1226 4016	91	1226 4024	92
1226 3547	43	1226 3554	44	1226 4032	93	1226 4040	94
1226 3562	45	1226 3570	46	1226 4057	95	1226 4065	96
1226 3588	47	1226 3596	48	1226 4073	97	1224 4081	98
1226 3604	49	1226 3612	50	1226 4099	99		
1226 3620	51	1226 3638	52				
1226 3646	53	1226 3653	54				
1226 3661	55	1226 3679	56				
1226 3687	57	1226 3695	58				
1226 3703	59	1226 3711	60				

AF	1256 7751	washer
AG	1010 9163	screw
AH	1023 4631	grooved collar. Use 1255 7500 screw
AI	1014 5449	plunger bracket

PRINTING

RIBBON MECHANISM, SINGLE (Plate III–33)



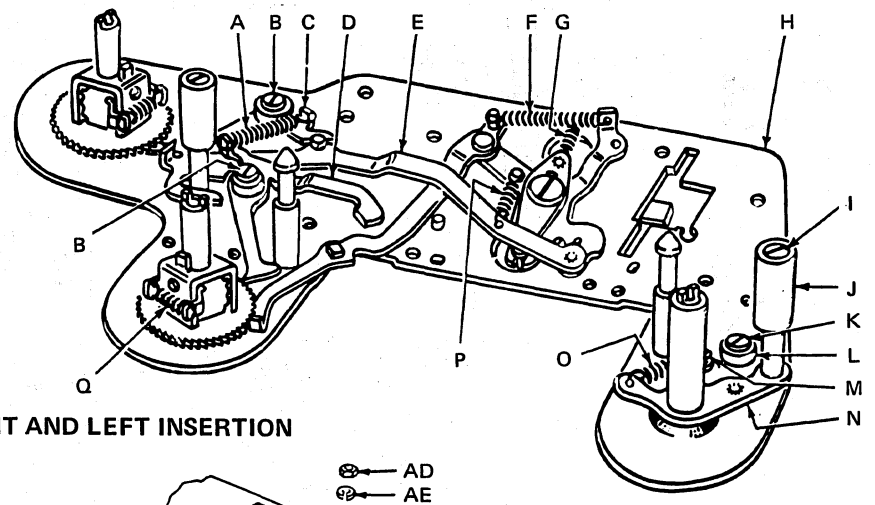
PART NUMBERS (Plate III–33)

A	1016 7062	finger screw. Use 1224 7912 spool locating clip on Series P1000 $37/8$" carriages
B	1010 5468	finger screw. See Ref. A for spool locating clip
C	1012 4733	ribbon reverse detent
D	1013 1720	shoulder screw
E	---- ----	Ribbon feed wheel, left
	1012 4618	regular
	1012 4626	for V and R machines
F	---- ----	See Plate I - 2 for carriage base plates
G	1026 9355	spring
H	1028 7787	spring
I	1010 5740	shouldered collar
J	1256 7715	lockwasher
K	1010 0378	nut
L	1012 4584	ribbon feed lever
M	---- ----	See Plate III - 36 for ribbon feed arms
N	---- ----	Ribbon feed wheel, right
	1012 4634	regular
	1012 4642	for V and R machines
O	1012 5532	friction plate

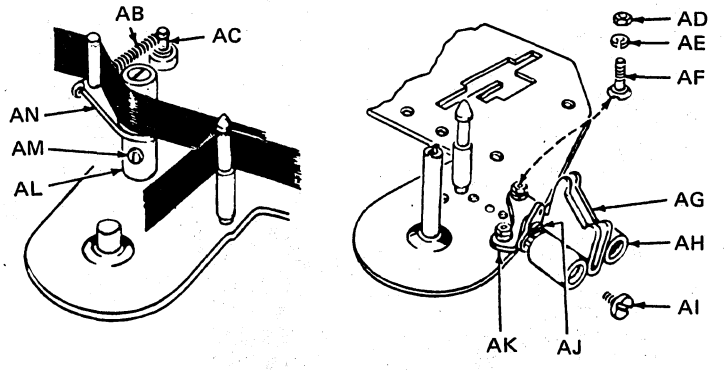
PRINTING

RIBBON MECHANISM, DOUBLE (Plate III–34)

LEFT INSERTION



RIGHT AND LEFT INSERTION

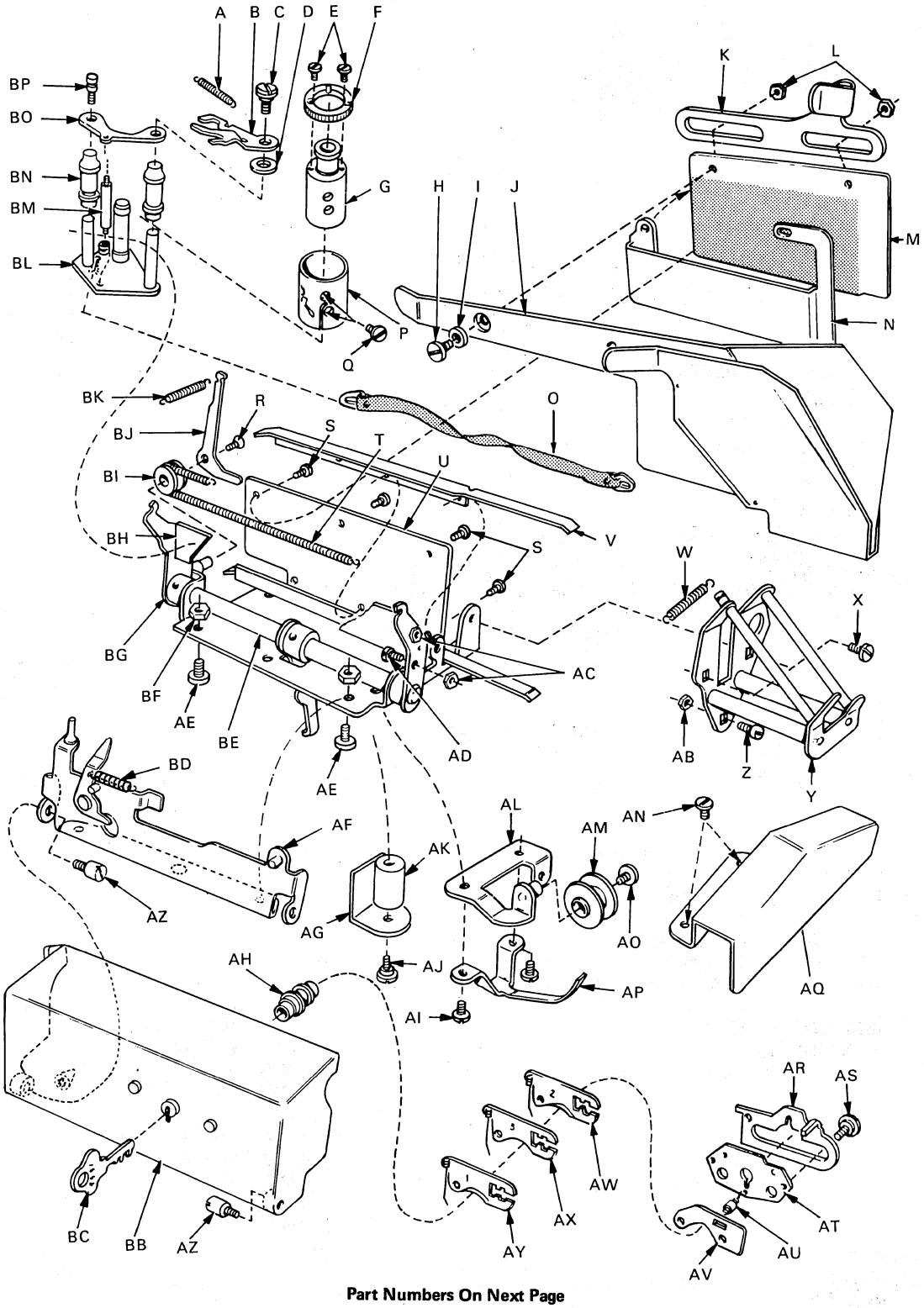


PART NUMBERS (Plate III–34)

A	1013 9350	spring (shown) for 3 7/8" carriage
	1027 7564	spring for 6" cge.
B	1010 4768	shoulder screw
C	---- ----	Ribbon feed wheel pawl
	1012 9500	for 3 7/8" carriage
	1012 9559	for 6" carriage
D	---- ----	Ribbon feed wheel pawl
	1012 9484	for 3 7/8" carriage
	1012 9492	for 6" carriage
E	---- ----	See Plate III - 36 for ribbon feed arms
F	1026 9900	spring
G	1013 3106	spring
H	---- ----	See Plate I - 2 for carriage base plates
I	1010 4248	screw
J	---- ----	Ribbon guide roller
	1013 0862	shown
	1013 0839	shallow flange
	1013 0854	deep flange
K	1010 5393	screw
L	1010 6318	collar
M	1010 4032	spring anchor screw. Use 1017 1932 washer
N	1012 4246	ribbon tensioner. Includes I and J
O	1015 2239	spring
P	1013 3106	spring
Q	1027 1971	spring
AB	1026 9363	spring
AC	1013 2728	spring anchor screw
AD	1010 0378	spring
AE	1256 7715	lockwasher
AF	1010 4719	screw
AG	1012 9864	ribbon guide
AH	1013 0862	ribbon guide roller
AI	1010 4248	screw
AJ	1010 4214	screw
AK	---- ----	Bracket
	1215 1015	Tan 140
	1020 4691	Grey 203
	1040 4267	Brown
AL	1013 0953	set collar, includes AM
AM	1010 6466	screw
AN	1012 9542	ribbon tensioner

PRINTING

PRINTING UNIT FOR SIGNATURE PRINTER CARRIAGE (Plate III–35)



Part Numbers On Next Page

PRINTING

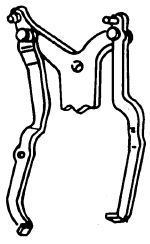
PART NUMBERS (Plate III–35)

NOTE: Complete assembled printing unit is 10333516. See Plates I - 9 and I - 10 for Signature Printer Carriage Detail

A	1027 3191	spring
B	1020 7850	latch
C	1015 3724	shoulder screw
D	1010 4982	washer
E	1023 7246	screw
F	1033 3631	cap
G	1020 7728	signature roll only
	1033 3623	complete assembled signature die. Specify machine number. submit form showing printing line and six sample signatures written with black ink on white unruled 3" x 5" cards
H	1023 7378	screw
I	1010 9403	washer
J	- - - - - - - -	Form chute, right
	1020 7678	for $13/16$" printing line
	1020 7686	for ½" printing line
K	1020 8163	guide
L	1010 0469	nut
M	1020 7439	printing table
N	1020 7918	protecting strip for M
O	1020 7520	draw band
P	1020 7751	signature plate
Q	1047 7958	screw
R	1035 0890	screw
S	1010 9247	screw
T	1023 7337	spring
U	1020 7348	bracket
V	1020 7843	paper guide strip for ½" printing line
W	1027 7721	spring
X	1010 4248	screw
Y	1020 7538	ribbon support
Z	1010 4610	screw
AB	1010 0360	nut
AC	1010 0469	nut
AD	1023 7352	eccentric screw
AE	1013 1753	screw
AF	1020 7504	bracket
AG	1020 7934	guide
AH	1013 2181	lock cylinder
AI	1010 9619	screw
AJ	1011 0039	shoulder screw
AK	1023 7311	roller
AL	1020 7603	hanger
AM	1020 7967	roller
AN	1025 7871	screw
AO	1010 4248	screw
AP	1020 7942	guide
AQ	1019 9479	cover
AR	1020 4493	control plate
AS	1010 7811	shoulder screw
AT	1013 6364	plate
AU	1013 2207	spacer
AV	1020 7876	spacer
AW	1010 7605	lock tumbler, stamped "2"
AX	1010 7613	lock tumbler, stamped "3"
AY	1010 7597	lock tumbler, stamped "1"
AZ	1010 5187	screw
BB	1020 7462	cover
BC	1010 7621	key (C231)
BD	1027 1989	spring
BE	1020 8015	shaft assembly
BF	1010 0402	nut
BG	1011 9964	pin
BH	1020 7835	platen plate
BI	1020 4865	pulley
BJ	1020 7868	spring anchor
BK	1027 7721	spring
BL	1020 7280	support
BM	1023 7329	spacing shaft
BN	1020 7959	roller
BO	1020 7330	tie strap
BP	1023 7436	spring anchor screw

PRINTING

RIBBON FEED ARM ASSEMBLIES (Plate III - 36)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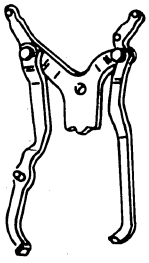
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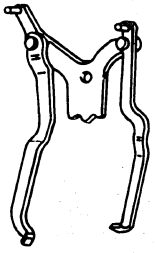
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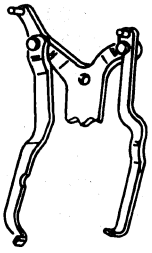
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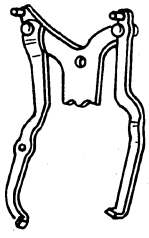
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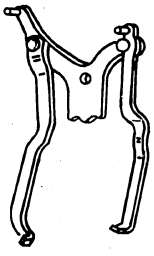
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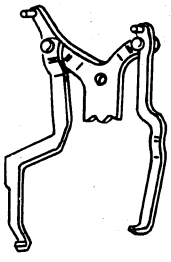
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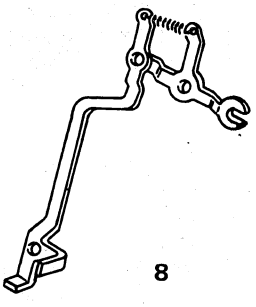
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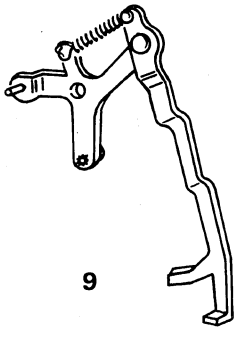
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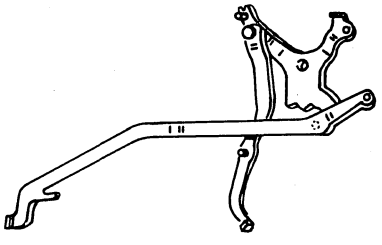
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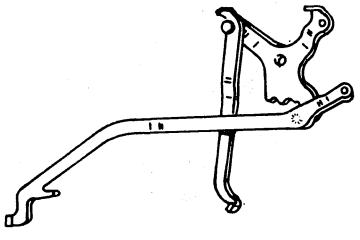
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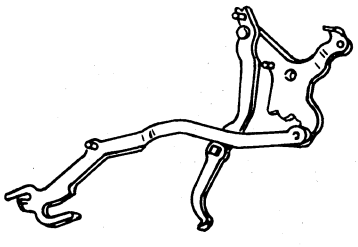
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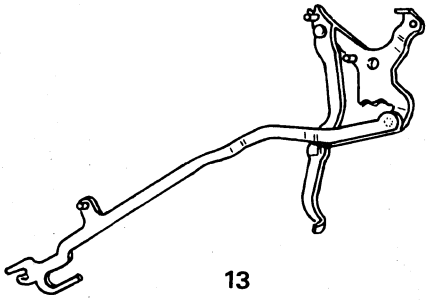
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Part Numbers On Next Page

PRINTING

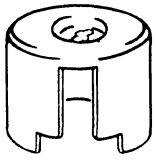
PART NUMBERS (Plate III - 36)

REF.	PART NUMBER	SINGLE RIBBON
1	1012 4808	Feed arm — For 3 7/8" and 6" carriages, with or without RCF or RCND. Use 1026 9355 spring
2	1039 5358	Feed arm — For 6" Front Feed PostalCard Receiptorsand on 6" carriages with 1¾" spacing. Use 1026 9355 spring
3	1012 4782	Feed arm — For 7½" and 12¼" carriages (except B.B(s) and W2) Use 1027 2854 spring
4	1643 1132	Feed arm — For 12¼" carriages (except B, B(s) and W2) with RCND to advance after printing
5	1012 4816	Feed arm — For 3 7/8" NA-2 red ribbon carriages. Use 1026 9355 spring
6	1012 4790	Feed arm — For 12¼" W2 red ribbon carriages. Use 1027 2854 spring
7	1215 3433	Feed arm — For 12¼" carriage with RCF — Style 913108 machines. Use 1027 2854 spring
8	1016 4184	Feed arm, left — For 12¼" B, B(s) and 15" and 20" C, C2, C3, D, D2 carriages. Spring shown 1027 2045
9	1016 4200	Feed arm, right — For 12¼" B. B(s) and 15" and 20" C, C2, C3, D, D2 carriages. Spring shown 1027 2045

REF.	PART NUMBER	DOUBLE RIBBON
10	1039 5374	Feed arm — For 3 7/8" carriages with rotary mechanism and three ribbon posts in a line. Use 1026 9900 spring
11	1039 5366	Feed arm — For 3 7/8" carriages without rotary mechanism and three ribbon posts in a line. Use 1026 9900 spring
12	1012 4766	Feed arm — For 3 7/8" carriages with or without ticket chute R and L insertion; rewind device and/or RCND with 5 numbering wheels and 6th wheel for characters. Use 1026 9900 spring.
13	1012 4774	Feed arm — For 6" F.F. carriages with or without RCF or RCND. Use 1026 9900 spring

PRINTING

RIBBON CAPS (Plate III—37)



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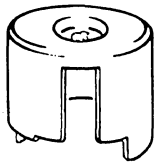

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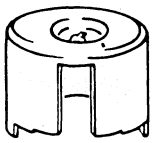

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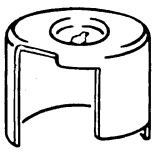

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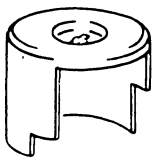

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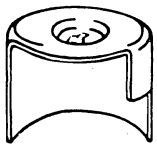

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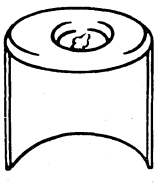

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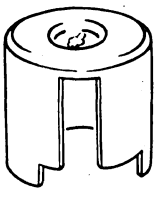

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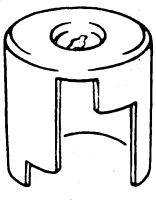

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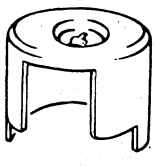

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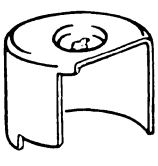

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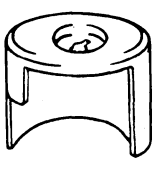

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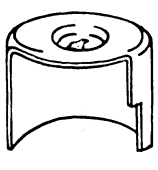

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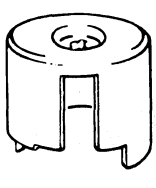

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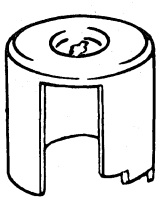

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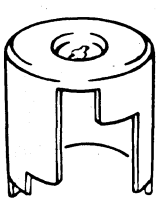

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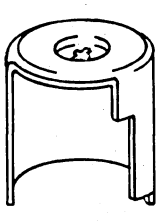

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Part Numbers On Next Page

PRINTING

PART NUMBERS (Plate III - 37)

CARRIAGE CODE	REF.	COLOUR	DESCRIPTION	PART NUMBER
N (37/8") Single Ribbon	1	Gray 203	Used on Left and Right	1012 5623
NS (37/8") Signature Printer	17	Gray 203	Used on Left Rear	1020 3859
	19	Gray 203	Used on Left Front with Rotary	1020 3891
	18	Gray 203	Used on Left Front without Rotary	1020 3875
R (37/8") Double Ribbon Rewind Device. Form Chute R and L Insertion	6	Gray 203	Used on Right and Left Rear	1012 5573
	3	Gray 203	Used on Left Front without Rotary	1012 5615
	15	Gray 203	Used on Left Front with Rotary	1012 5557
RA (37/8") Double Ribbon. Rewind device; Form chute Left.	6	Gray 222	Used on Right and Left Rear	1216 6534
	3	Gray 222	Used on Left Front without Rotary	1216 6518
	15	Gray 222	Used on Left Front with Rotary	1216 6765
RD (37/8") Double Ribbon. Rewind Device. Form Chute R. and L. Insertion	6	Tan 140	Used on Right and Left Rear	1215 0520
	3	Tan 140	Used on Left Front without Rotary	1215 0504
	15	Tan 140	Used on Left Front with Rotary	1215 0553
RB (37/8") Double Ribbon. Rewind Device. Without Form Chutes.	6	Gray 203	Used on Left Front	1012 5573
	4	Gray 203	Used on Left Rear	1012 5599
	3	Gray 203	Used on Right	1012 5615
	6	Gray 222	Used on Left Front	1216 6534
	4	Gray 222	Used on Left Rear	1216 6732
	3	Gray 222	Used on Right	1216 6518
	6	Tan 140	Used on Left Front	1215 0520
	4	Tan 140	Used on Left Rear	1215 0512
	3	Tan 140	Used on Right	1215 0504
RC (37/8") Single Ribbon. Rewind Device. Form Chutes, ½" Printing Line.	15	Gray 203	Used on Left	1012 5557
	14	Gray 203	Used on Right	1012 5565
	15	Gray 222	Used on Left	1216 6765
	14	Gray 222	Used on Right	1216 6781
RG (7½") Single Ribbon, Rewind Device	15	Tan 140	Used on Left	1215 0553
	14	Tan 140	Used on Right	1215 0561
RE (37/8") Single Ribbon, Rewind Device. Without Form Chutes	15	Gray 203	Used on Left	1012 5565
	1	Gray 203	Used on Right	1012 5623
RF (37/8") Single Ribbon. Rewind Device. Left Insertion Ticket Chute and Form Supports	10	Gray 203	Used on Right	1012 5607
	9	Gray 203	Used on Left	1012 5581
	10	Tan 140	Used on Right	1215 0538
	9	Tan 140	Used on Left	1215 0546
F (6") Front Feed, Double Ribbon. Rewind Device. Form chutes for R and L Insertion	Same as for RD carriage			
12¼" Carriages. S, SA, T, TA, W, Y and YA	6	Gray 203	Used on Left	1012 5573
	1	Gray 203	Used on Right	1012 5623
	6	Gray 222	Used on Left	1216 6534
	1	Gray 222	Used on Right	1216 6328
12¼" Carriages, X and XA	4	Gray 203	Used on Left	1012 5599
	1	Gray 203	Used on Right	1012 5623
12¼" Carriage XC	15	Gray 203	Used on Left	1012 5557
	1	Gray 203	Used on Right	1012 5623

NOTE: Those Refs. to which part numbers are not applied are not required for currently manufactured carriages.

SERIES P
ADDING, BOOKEEPING, TELLERS, VALIDATING & RECEIPTING MACHINES

SECTION IV

Burroughs

FIELD ENGINEERING

ACCUMULATION

PARTS CATALOG

Printed in U.S. America September 1970

For Library Binder 13
For Form 1037629

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Accumulator—Class 10 Three Register Cash Machines — 4
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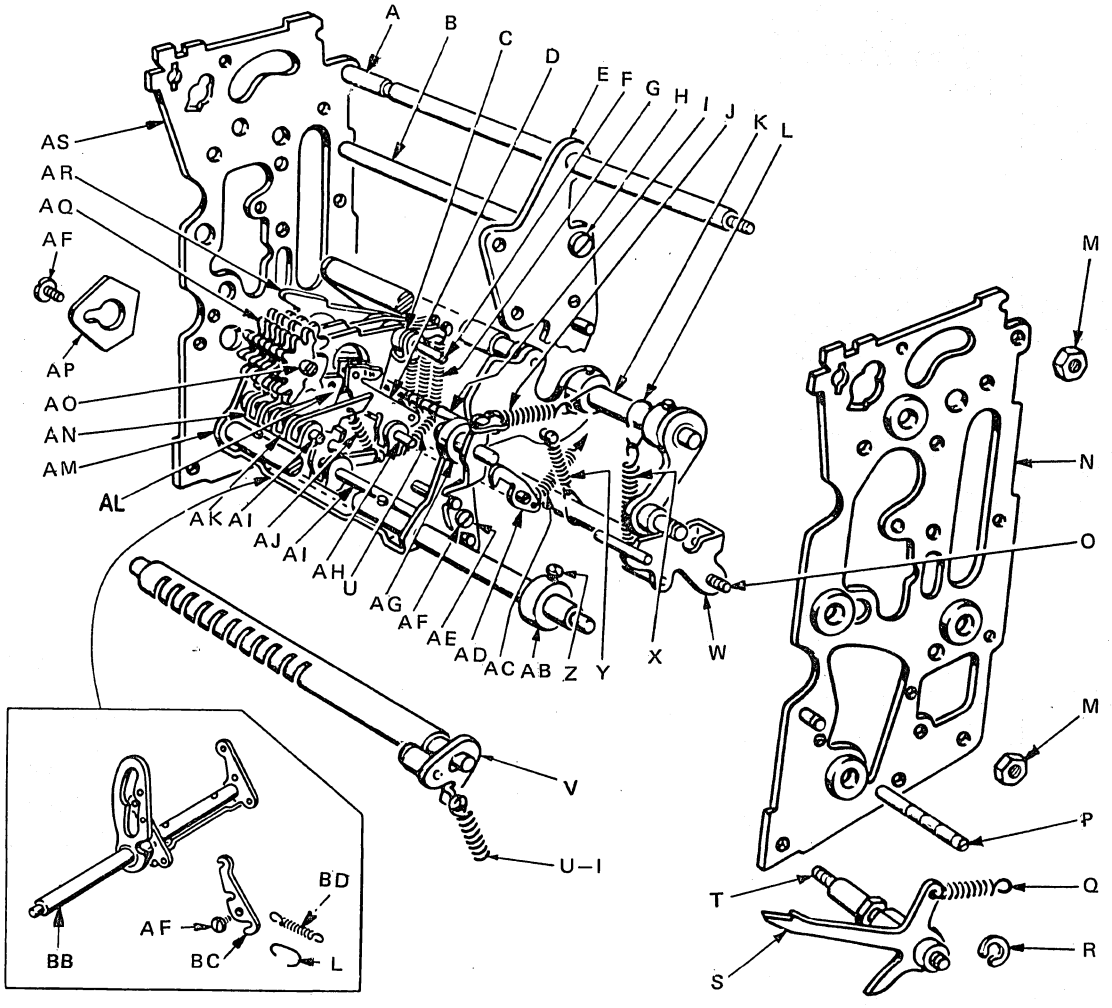
Accumulation

ACCUMULATOR—CLASSES 8 and 10, SERIES P100, P300, P1200, P1400, P2100, P2300, P3200 and P3400 MACHINES (PLATE IV-1)



PART NUMBERS (PLATE IV-1)

A	1014 8047	shaft
B	1014 8492	shaft
C	1017 1510	washer for U form of carry rack
D	1014 8708	regular 10 pitch carry rack latch. See Plate IV-33 for other styles
E	1014 9904	centre brace. See Plate IV-20 for other styles
F	1019 2615	carry rack shaft
G	1015 2239	spring
H	1011 0179	screw
I	1014 8484	shaft
J	1015 2254	spring, use 1026 6252 wire anchor
K	1014 8385	accumulator control bail.
	— — — —	See Plate IV-23 for other styles
L	1026 6252	wire spring anchor
M	1010 0402	nut
N	1014 9177	right side frame. See Plate IV-18 for other styles
O	1014 8021	shaft
P	1013 8295	spring anchor screw
Q	1027 3209	spring
R	1010 0220	clip
S	— — — —	early style latch (shown) no longer available. See Plate VI-37 Ref. BO for late style latch
T	1028 1244	post

Part Numbers Continued On Next Page

Accumulation

PART NUMBERS (PLATE IV-1) continued

U	1015 2262	spring for carry rack latch
U-I	— — — —	Aligning shaft spring
	1015 2262	for Classes 8-10, P100, P300, P1200, P1400, P2100, P3200 and P3400
	1014 7650	for Class 9, P200, P1300, P2200, P3300
V	— — — —	For aligning shafts see Plates IV-43-44-45-46
W	1015 1090	pitman detent shown, use 1017 0918 set collar For quick field replacement use 1043 4488 slotted detent, 1049 9762 set collar and 1010 8991 screw
X	1014 7627	spring
Y	1015 2239	spring, use 1026 6252 wire spring anchor
Z	1010 9643	screw
AB	1014 7510	set collar, includes Z
AC	1013 3387	spring, use in extreme right and left cols.
AD	1014 8765	carry rack latch used in extreme right col.
AE	1014 9375	locking plate
AF	1010 4214	screw
AG	1015 1421	roller
AH	1014 8351	shaft for carry rack latches
AI	1014 8286	shaft for carry pawls
AJ	1015 2247	spring
AK	1014 8583	carry pawl latch (regular).
	— — — —	See Plates IV-33,-34,-35, for other styles
AL	1014 8559	carry pawl (regular). See Plate IV-25 for other styles
AM	1014 7981	adding pinion frame
AN	1014 8591	carry pawl latch used in last column
AO	1014 8302	shaft
AP	1014 9391	locking plate
AQ	1016 9530	regular adding pinion. See Plates IV-38,-39,-40,-41, for other styles
AR	1014 8625	regular carry rack. See Plates IV-28,-29,-30,-31, for other styles
AS	1014 9128	left side frame. See Plate IV-19 for other styles
BB	— — — —	No longer available
BC	— — — —	No longer available
BD	1027 3407	spring

Accumulation

UPPER REGISTER CONTROL MECHANISM, CLASS 10, SERIES P1400 and P3400, SERIES P300 and P2300 MACHINES (PLATE IV-2)

FIG. 2.

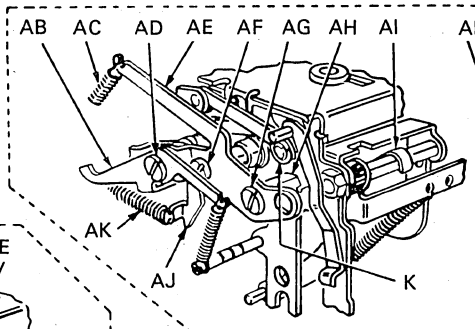


FIG.3

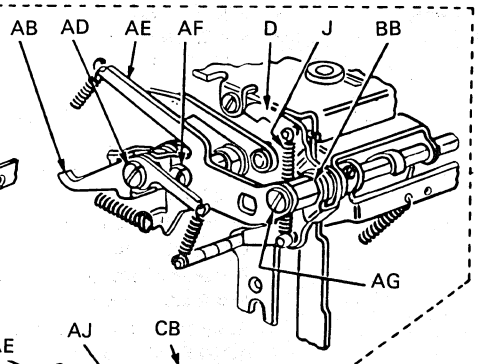
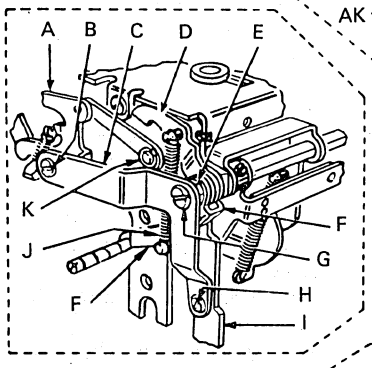


FIG. 1.



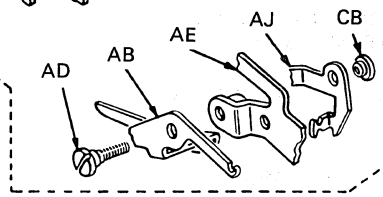
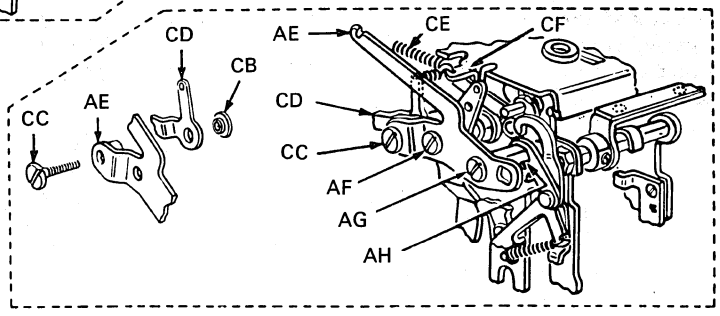


FIG. 4.

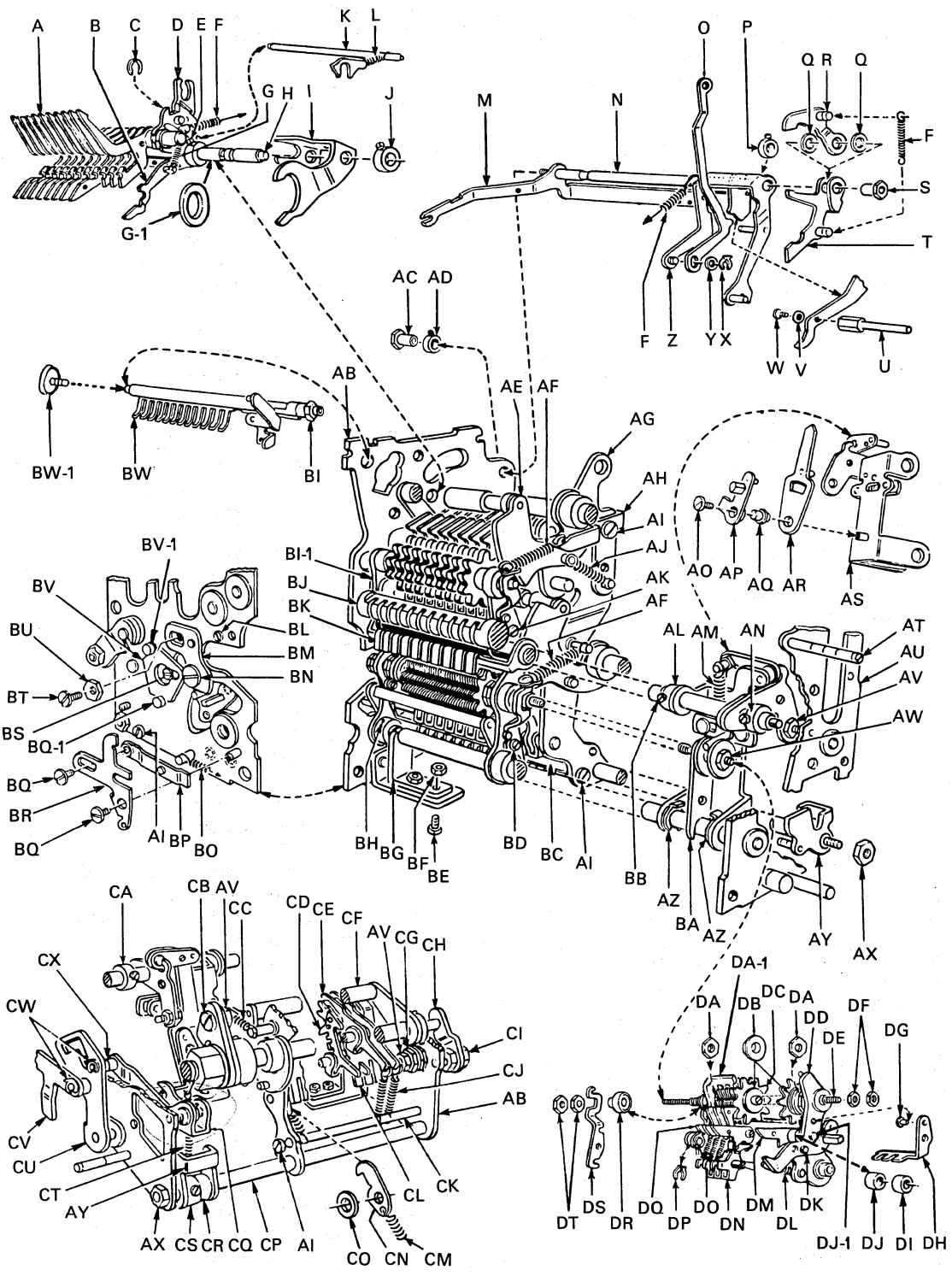


PART NUMBERS (PLATE IV-2)

Note: Installation of bracket 'C' on field machines may require the drilling and tapping of side plate 'I', with a No. 37 drill and $\frac{1}{8}$" × 44 tap, to accommodate screw 'H'. Machines not equipped with detent 'F', the replacement of nut 'M', Plate IV-1, with bushing 'E' is necessary

A	1013 5382	lever
B	1010 5393	screw
C	1014 9193	bracket
D	1015 1108	detent, use 1027 7184 spacers
E	1010 8595	shoulder nut
F	1015 1116	detent
G	1010 4685	screw
H	1010 5377	screw
I	1014 9151	side frame, right. See Plate IV-18 for other styles
J	1014 7627	spring
K	1010 0147	clip
AB	1013 6687	arm, use 1027 7705 spring
AC	1026 9892	spring
AD	1013 8873	shoulder screw
AE	— — — —	Use 1014 9219 bracket, 1013 5705 auxiliary rocker arm, 1020 1119 latch, 1027 2839 spring, before P320869D 1014 9219 bracket, after P320868D
AF	1010 5377	screw
AG	1010 5682	screw
AH	1015 2114	hex. post
AI	1026 6369	spring anchor
AJ	1013 6679	arm
AK	1027 7523	spring
BB	1015 2122	hex. post
CB	1010 7399	bushing
CC	1010 9023	screw
CD	1013 6521	arm
CE	1027 6806	spring
CF	1010 0071	spring anchor

ACCUMULATOR—CLASS 10 THREE REGISTER CONSTRUCTION (PLATE IV-3)



Part Numbers On Next Page

Accumulation

PART NUMBERS (PLATE IV-3)

A	— — — —	Hammer latch
	1014 7023	cols. 3 and 4
	1014 7155	cols. 1 and 2
	1014 7064	cols. 5 through 8, copper plated
	1014 7072	cols. 9 and 10, copper plated, with studs for bail BW
	1023 3807	col. 0
B	1013 6984	booster arm
C	1026 7060	clip
D	1014 6512	feed arm
E	1018 0388	set screw
F	1014 7635	spring, use 1026 6351 clip
G	1340 9867	spring
G-1	1013 6919	spacer
H	1014 6363	feed arm assembly
I	1023 2742	non-print arm
J	1014 7510	set collar, use 1010 9643 set screw
K	1014 6405	shaft
L		Hammer latch spring
	1017 1460	cols. 0 through 4
	1014 7650	cols. 5 through 10
M	1014 9995	bail
N	1014 8047	tie shaft
O	1012 6035	non-space arm
P	1017 0918	set collar, use 1017 1387 set screw
Q	1027 7184	washer
R	1015 1108	detent
S	1010 8595	shoulder nut
T	1015 1116	detent
U	1015 2072	hex. shoulder stud
V	1256 7699	lock washer
W	1010 4875	screw
X	1010 0220	clip
Y	1010 4289	washer
Z	1012 6092	bail
AB	1014 9136	side frame, left
AC	1015 1678	shoulder nut
AD	1046 6712	set collar, use 1010 3919 set screw
AE	1014 8393	meshing cam assembly
AF	1015 2254	spring, includes eyelet
AG	1014 9912	centre brace
AH	1014 9888	spring anchor
AI	1011 0179	screw
AJ	1029 3264	spring
AK	1010 4214	screw
AL	1017 5321	set collar
AM	1011 3074	spring
AN	1014 7510	set collar, use 1010 9643 screw
AO	1027 7556	shoulder screw, use 1017 1502 washer
AP	1015 1231	sensing bell crank
AQ	1017 4878	bushing
AR	1015 1280	shift spearpoint
AS	1015 1363	bracket
AT	1013 8295	spring anchor post
AU	1014 9185	side frame, right
AV	1010 0360	nut
AW	1010 0444	nut
AX	1010 0402	nut
AY	1015 1132	detent
AZ	1010 0089	clip
BA	1015 1389	shift yoke
BB	1018 0107	set screw
BC	1014 8500	tie shaft
BD	1303 1315	screw
BE	1010 8983	screw
BF	1010 0378	nut
BG	1015 1207	bracket
BH	1010 6409	pin
BI	1015 1645	bushing
BI-1	1014 7999	pinion frame
BJ	1014 8112	aligning shaft
BK	1014 9771	guide comb
BL	1010 4214	screw
BM	1015 1157	nursemaid bail limit
BN	1010 4248	screw
BO	1027 7705	spring
BQ	1017 3169	screw
BQ-1	1014 8468	shaft
BR	1015 1348	latch
BS	1010 4214	screw
BT	1010 5229	screw
BU	1035 1716	eccentric collar
BV	1014 9391	lock plate
BV-1	1014 8468	shaft
BW	1019 3159	guide comb
BW-1	1018 0073	screw
CA	1014 7510	set collar, use 1010 9643 set screw
CB	1017 9851	eccentric screw
CC	1015 2254	spring
CD	1014 8781	latch, use 1015 2262 spring
CE	1014 8690	carry rack
CF	1014 8419	meshing cam assembly
CG	1015 1785	nut
CH	1015 0548	retaining clip
CI	1017 6519	nut
CJ	1015 2239	spring
CK	1014 8484	shaft
CL	1014 9763	guide comb
CM	1017 1460	spring
CN	1014 8765	latch
CO	1010 4925	washer
CP	1014 8021	tie shaft
CQ	1015 1330	shift sensing control, use 1010 0212 clip
CR	1017 3094	spacer
CS	1017 0918	set collar, use 1017 1387 set screw

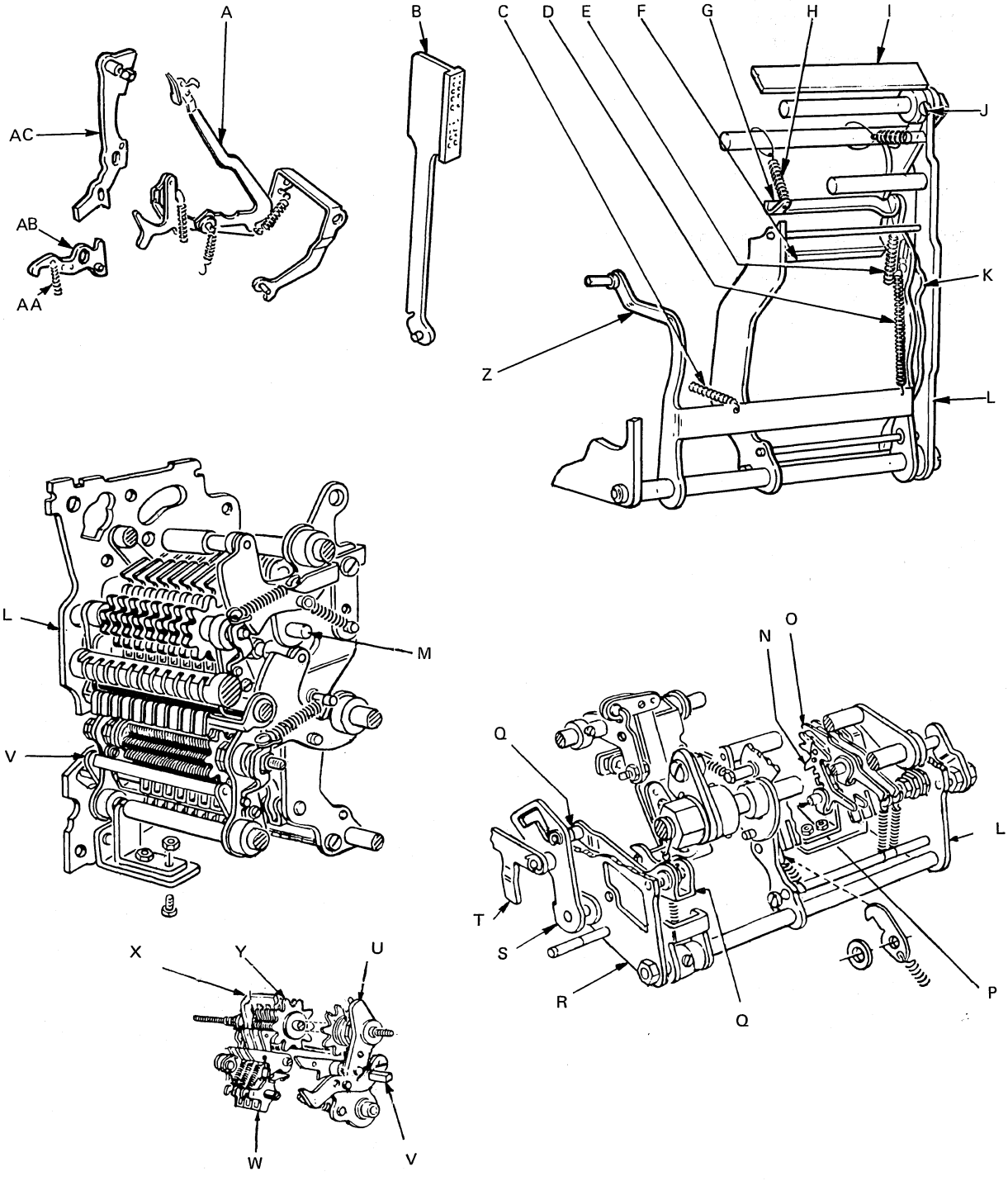
Part Numbers Continued On Next Page

Accumulation

PART NUMBERS(PLATE IV-3)continued

CT	1018 0784	spring, use 1026 6252 wire anchor
CU	1015 1173	enclosed cam, use 1300 1417 clip
CV	1015 1199	link
CW	1010 0212	clip
CX	1010 7043	spacer (shown). On later machines shoulder stud in CQ replaces spacer
	1328 1423	spacer (outer)
DA	1017 6501	nut
DA-1	1019 3118	comb
DB	1017 4860	space bushing for pinion
DC	1019 3506	adding pinion
DD	1014 8013	adding pinion frame
DE	1014 8427	shaft
DF	1010 0378	nut
DG	1010 6466	screw
DH	1014 9755	guide comb
DI	1017 4837	collar
DJ	1015 1447	collar
DJ-1	1014 8294	shaft for carry pawl latches and for carry pawls
DK	1014 8443	nursemaid bail assembly
DL	1018 0552	spring
DM	1014 8591	latch
DN	1014 8575	carry pawl
DO	1015 2247	spring
DP	1010 0212	clip
DQ	1014 8583	carry pawl latch
DR	1017 4845	roller
DS	1014 9383	lock plate and spring anchor
DT	1017 6485	nut

ACCUMULATOR—CLASS 10, THREE REGISTER CASH MACHINES (PLATE IV-4)



Part Numbers Continued On Next Page

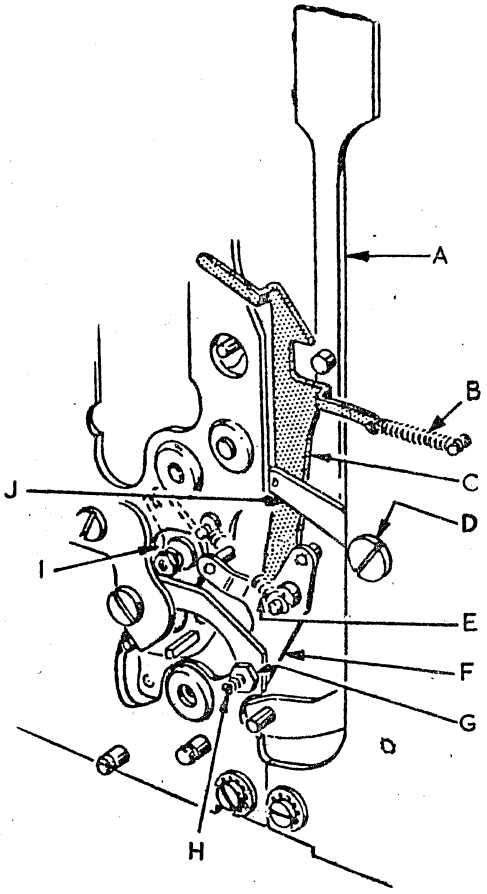
Accumulation

PART NUMBERS (PLATE IV-4)

A	1215 9661	form space bail ($\frac{5}{6}$")
B	— — — —	Symbol type bar
	1215 9646	for style 1008 285
	1215 9653	for style 1010 282
C	1027 3209	spring
D	1027 7523	spring
E	1014 7650	spring
F	1215 9687	index bail, upper
G	1215 9729	auto-count bail
H	1027 3225	spring, use 1026 6252 wire hook
I	1215 9315	indexing bail
J	1017 0918	set collar
K	1215 9745	auto-count drive assembly
L	1014 9136	side frame, left
M	1215 9760	shaft
N	— — — —	Carry rack latch
	1014 8781	regular
	1216 7987	for 12th fractions
O	— — — —	Carry rack
	1014 8690	regular
	1216 8019	for 12th fractions
P	1215 9778	shaft
Q	1215 9786	shift sensing control arm
R	1215 9794	side frame, right
S	1015 1173	enclosed cam
T	1215 9497	link
U	— — — —	Pinion gear frame
	1014 8013	regular
	1216 8027	for 12th fractions
V	— — — —	Nursemaid bail
	1014 8443	regular
	1216 7979	for 12th fractions
W	— — — —	Carry Pawl
	1014 8575	regular
	1216 7995	for 12th fractions
X	— — — —	Blocking bail
	1019 3118	regular
	1216 7995	for 12th fractions
Y	— — — —	Adding pinion
	1019 3506	regular
	1216 8043	for col. 2 of 20th fractions
	1216 8050	for 12th fractions
Z	1215 9711	auto-count disabling bail
AA	1026 9769	spring
AB	1216 7904	interlock for machines with FE carriage
AC	1216 7797	carriage opening lever for FE carriage

Accumulation

BLOCKING MECHANISM REGISTER B & C FOR REGISTER A 10 COLUMN CAPACITY – THREE REGISTER MACHINES (PLATE IV-4A)

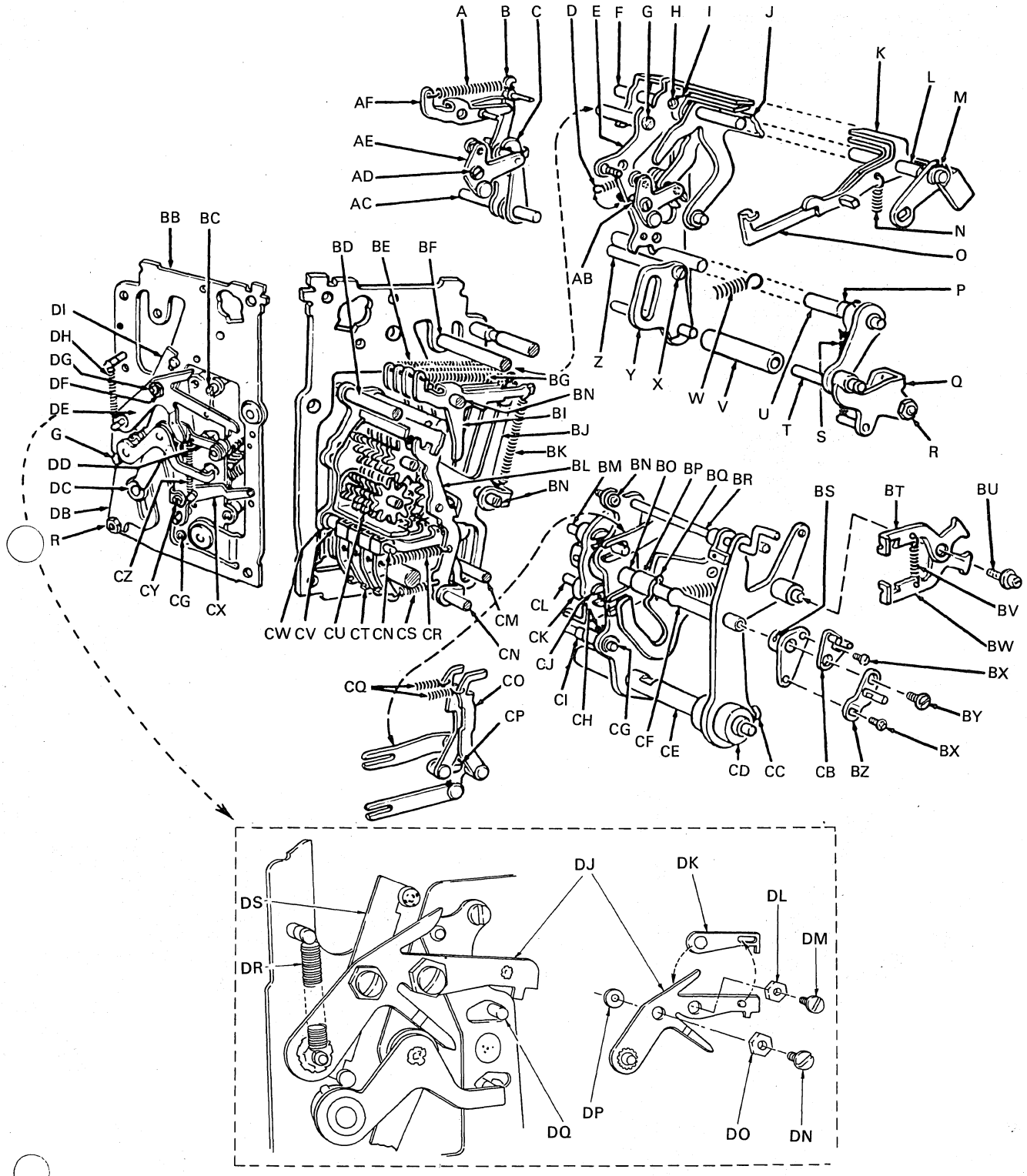


PART NUMBERS (Plate IV-4A)

A	**1023 5463**	type bar for column 10
B	**1026 9363**	spring
C	**1019 5253**	blocking arm
D	**1010 4818**	screw, use 1013 7883 nut
E	**1011 3074**	spring
F	**1019 5238**	arm
G	**1010 0386**	nut
H	**1019 5246**	screw, use 1010 0170 clip
I	**1014 8013**	pinion gear frame
J	**1010 0006**	guide

Accumulation

ACCUMULATOR—CLASS 9, SERIES P1300 and P3300, P200 and P2200 MACHINES (PLATE IV-5)



Part Numbers Continued On Next Page

Accumulation

PART NUMBERS (PLATE IV-5)

A	1017 1411	spring
B	— — — —	Arm for changing over position of auto-one lifting arms
	1016 9845	regular
	1016 9852	for when col. 1 non-accumulates
C	1017 0124	detent
D	1017 1445	spring for C
E	1016 9613	centre brace
F	1014 8047	shaft
G	1011 0179	screw
H	1017 1387	screw
I	1017 0918	set collar
J	1012 6183	spacing bail
K	1017 0165	bail
L	1017 6691	threaded post
M	1010 0147	clip
N	1027 3381	spring
O	1017 0132	bail, forked end couples with AE
P	— — — —	Not required
Q	— — — —	Not required
R	1010 0402	nut
S	— — — —	Not required
T	1014 8021	tie shaft
U	1016 8888	accumulator control bail assembly
	— — — —	See Plate IV-23 for other styles
V	— — — —	Not required
W	1017 1478	spring
X	1011 0179	screw
Y	1016 9688	guide plate
Z	1016 9100	tie shaft
AB	1027 6657	collar
AC	1016 9068	carry rack shaft
AD	1017 1262	shoulder screw, use 1019 3944 for direct minus balance mech.
AE	1016 9829	operating lever
AF	1016 9316	carry rack latch for first column, right
	— — — —	See Plate IV-33 for other styles
BB	1019 3365	side frame, left
	1043 9982	side frame, right
BC	1010 6110	screw
BD	1016 8847	tie shaft
BE	1027 2862	spring, last col. left
BF	1016 9100	tie shaft
BG	1017 1494	spring, regular
	1027 6574	spring, for early machines without BK
BH	1016 9068	carry rack latch shaft
BI	1019 2805	carry rack latch
	— — — —	See Plate IV-33 for other styles
BJ	— — — —	Carry rack Use 1019 2797 carry rack and 1019 2714 carry pawl latch, before P332 645D and P137903S
	1019 2797	Carry rack after P332644D and P137902S
	— — — —	See Plate IV-28 for other styles
BK	1017 1411	auxiliary spring between carry rack latch and hub of rack
BL		Pawl with outline shewn, no longer available. Use 1019 2680 carry pawl and 1019 3647 adding pinion (lower position only)
	1019 2680	regular carry pawl
	— — — —	See Plate IV-25 for other styles
BM	1016 8839	adding pinion shaft
BN	1010 4198	screw
BO	1017 0835	brass collar
BP	1017 0546	roller
BQ	1010 0139	wire clip
BR	— — — —	Total stop bail is normally part of assembly CE. If required separately use 1046 2042 regular, or 1043 9214 for $\frac{1}{8}$ fraction (col. 1) and $\frac{1}{12}$ fraction in col. 2
BS	1029 3389	pin
BT	1017 0090	blocking latch, upper
BU	— — — —	Use 1048 4632 screw (shown) for machines with O.C.K. 7-0 mechanism
	— — — —	Use 1010 4248 screw for machines which do not have O.C.K. 7-0 mechanism
BV	1044 2622	spring
BW	1017 0108	blocking latch, lower
BX	1010 4214	screw
BY	1010 5377	screw
BZ	1019 3902	lower stud plate
CB	1019 3910	upper stud plate
CC	1010 9643	screw
CD	1014 7510	set collar, includes CC
CE	— — — —	For adding pinion frames, see Plate IV-24
CF	— — — —	For tumbling frame, see Plate IV-37
CG	1255 3129	clip
CH	1026 9959	spring for tumble frame detent
CI	1023 6941	brass collar
CJ	1016 9399	adding pinion shaft lockplate, use 1017 1296 screw
CK	— — — —	Spacer for extreme right of adding pinions
	1017 0785	width 0·152"
	1017 0793	width 0·157"
	1017 0801	width 0·162"
CL	1016 8839	adding pinion shaft
CM	1016 8904	carry rack reset shaft, see DC for clip
CN	1016 9043	shaft for carry pawls

Part Numbers Continued On Next Page

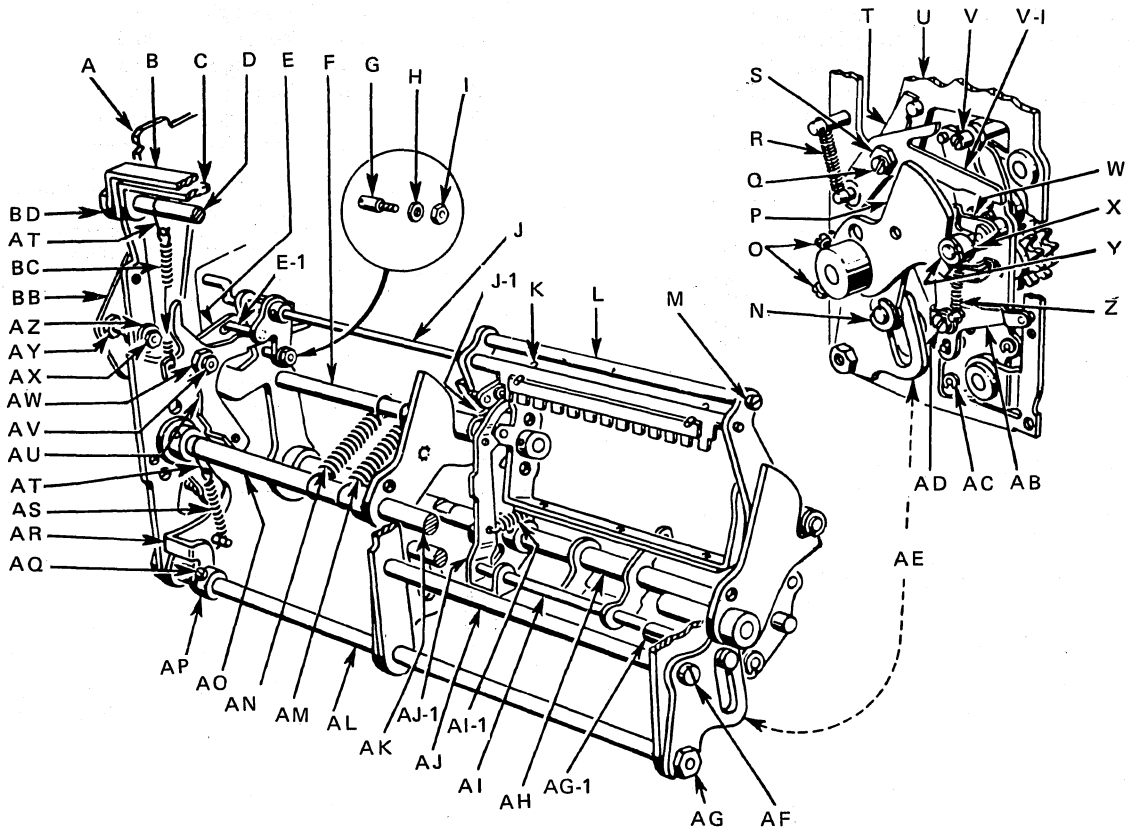
Accumulation

PART NUMBERS(PLATE IV-5)continued

CO	1016 9878	fugitive one operating bell crank
CP	1017 1288	shoulder screw
CQ	1017 1437	spring
CR	1027 3258	spring, upper
CS	1027 3092	spring, lower
CT	1019 2714	carry pawl latch
CU	— — — —	Adding pinion, regular
	1016 9530	used in upper position
	1019 3647	used in lower position
CV	1015 1447	collar
CW	1015 1454	collar
CX	1017 0249	bell crank
CY	1017 0983	shoulder screw
CZ	1018 0834	spring
DB	1016 9688	guide plate
DC	1026 7060	clip
DD	1017 0215	detent for CX
DE	— — — —	Detent shown no longer available. See DJ through DS for detail of double detent
DF	— — — —	See DO
DG	— — — —	See DN
DH	— — — —	See DR
DI	— — — —	See DS
DJ	1017 0413	detent
DK	1044 1129	auxiliary detent
DL	1010 9932	eccentric for DK
DM	1010 9932	screw
DN	1010 9601	screw
DO	1035 1716	eccentric
DP	1010 4164	washer
DQ	1016 8839	pinion shaft
DR	1027 3092	spring
DS	1016 9381	lock plate

Accumulation

ACCUMULATOR—CLASS 9, 13 COLUMN CONSTRUCTION (PLATE IV-6)



PART NUMBERS (PLATE IV-6)

A	1043 9982	side frame, right.
	— — — —	See Plate IV-18 for other styles
B	1017 0181	bail
C	1017 0140	bail
D	1014 8054	shaft
E	1017 0116	operating arm for bail J
E-1	1044 1350	repair stud, use lockwasher H and nut I
F	1016 9001	tumbling frame, regular. See Plate IV-37 for other styles
G	1017 1403	screw stud
H	1256 7400	lockwasher
I	1010 0477	nut
J	— — — —	Total stop bail is normally part of assembly AO. If required separately use 1043 9206.
	— — — —	See Plate IV-5, BR, for 10 col. detail
J-1	1027 6418	spring for nursemaid bail
K	1017 0942	pin
L	1016 8854	tie shaft
M	1010 6110	screw, shown
	1010 4198	screw for opposite end of shaft
N	1026 7060	clip
O	1010 3919	screw
P	1016 9746	cam
Q	1010 9601	screw, use 1010 4164 washer between V and T
R	1027 2870	spring
S	1035 1716	eccentric
T	1016 9381	locking plate
U	1019 3365	side frame, left
		See Plate IV-19 for other styles
V	1010 6110	screw
V-1	— — — —	Part shown no longer available See Plate IV-5, DJ through DS for detail of new detent
W	1017 0215	detent
X	1017 0553	roller
Y	1010 0147	clip
Z	1018 0834	spring
AB	1017 0249	bell crank
AC	1255 3129	clip
AD	1017 0983	shoulder screw
AE	1016 9688	guide plate
AF	1011 0179	screw
AG	1010 0402	nut

Part Numbers Continued On Next Page

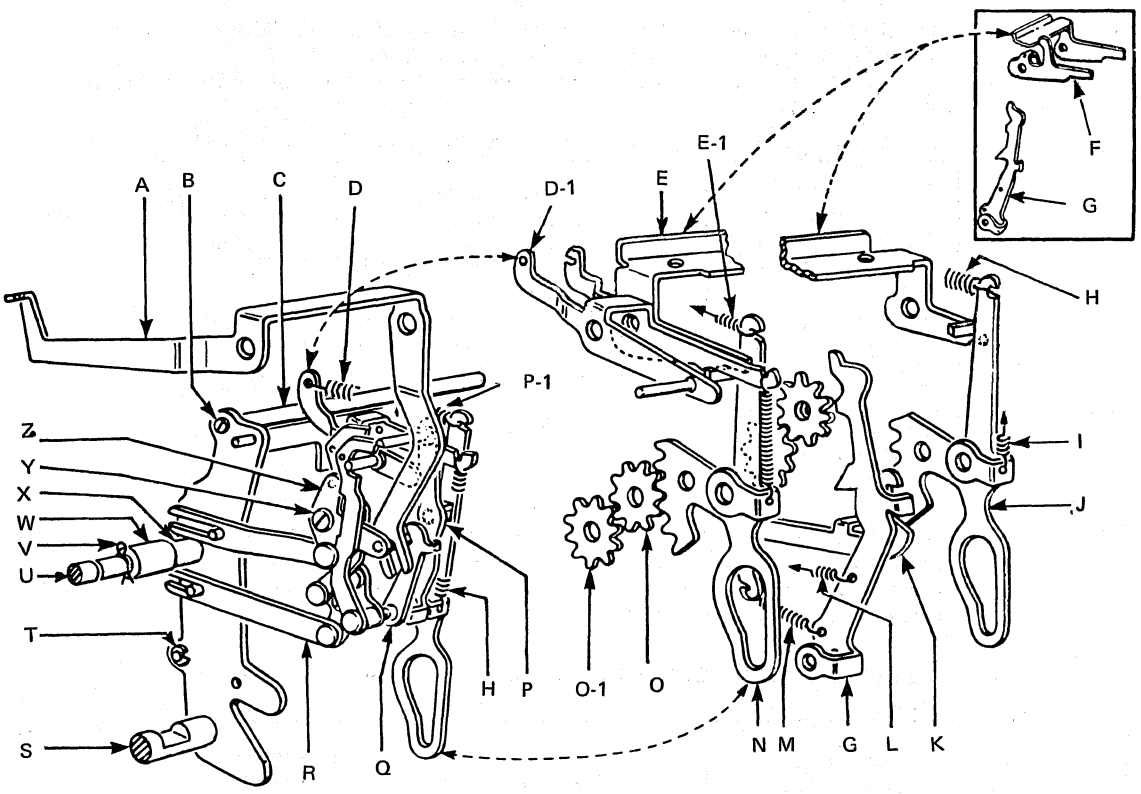
Accumulation

PART NUMBERS(PLATE IV-6)continued

AG-1	1016 8912	reset shaft
AH	— — — —	Adding pinion frame Use 1015 5083 frame, 1016 8821 pinion shaft, 1017 0215 detent and V consistency for early machines
	1015 5083	frame, regular
AI	1016 9050	shaft for carry pawls
AI-1	1026 9959	spring for AJ-1
AJ	1016 9118	tie shaft
AJ-1	1017 0082	tumbling frame detent, use 1229 691 set collar in 'U' form of detent to control end play
AK	1016 8862	accumulator control bail See PlateIV-23 for other styles
AL	1014 8039	tie shaft See PlateIV-21 for other styles
AM	1017 1478	spring
AN	1017 1486	copper plated spring
AO	1016 8862	accumulator control bail
AP	— — — —	No longer required
AQ	— — — —	No longer required
AR	— — — —	No longer required
AS	— — — —	No longer required
AT	— — — —	No longer required
AU	1017 0454	Back-up stop for total stop bail J.
	— — — —	Use 1017 1346 shoulder screw for 13 col. construction and 1017 1379 shoulder screw for 10 col. construction
AV	1010 0378	nut
AW	1017 0868	eccentric for AU stop
AX	1010 0329	nut
AY	1017 1312	post
AZ	1026 6393	spring anchor
BB	1017 0207	latch for bail, use 1017 1320 screw and 1027 3381 spring
BC	1027 6921	spring
BD	1017 0934	bushing

Accumulation

ACCUMULATOR—CLASS 9, SERIES P1300, P200 and P2200—DIRECT MINUS BALANCE MECHANISM (PLATE IV-7)



PART NUMBERS (PLATE IV-7)

A	1017 0132	forked bail
B	1011 0179	screw
C	1016 9100	tie shaft
D	1017 1411	spring, from D-1 to P
D-1	1019 2813	latch, first on right
E	1220 1018	bridge latch for 10 col. construction.
	1019 2870	bridge latch for 13 col. construction
E-1	1027 6863	spring from carry rack to bridged latch E
F	1019 2888	reduced capacity bail E lifter, see J for carry rack with roller used with this part
G	1019 2680	regular carry pawl. See PlateIV-25 for other styles
H	1017 1411	spring, regular
I	1017 1494	spring, carry rack ('U' form) to end of carry rack latch
J	— — — —	Carry rack
	1019 2797	regular
	1019 2771	with roll for raising bridged latch E (slight offset for ext. left col.)
	1019 2789	with roll for raising bridged latch E, used where capacity is reduced
K	1019 2714	carry pawl latch
L	1027 3258	upper spring for carry pawl
M	1027 3092	lower spring for carry pawl
N	1019 2730	carry rack, regular
O	1016 9530	adding pinion, upper
O-1	1019 3647	adding pinion, lower
P	1016 9845	release arm, operates change-over arms of R
P-1	1027 6863	spring
Q	1017 0124	detent, use 1017 1445 spring
R	1016 9878	fugitive one bell crank
S	— — — —	Adding pinion frame
	1019 2490	10 col.
	1015 5083	13 col. See PlateIV-24 for other styles
T	1255 3129	clip
U	— — — —	Tumbling frame for adding pinions
	1016 8953	10 col.
	1016 9001	13 col. See PlateIV-37 for other styles
V	1010 0139	clip
W	1017 0546	meshing roller
X	1017 0835	brass spacer
Y	1019 3944	screw
Z	1016 9829	lever

Accumulation

ACCUMULATOR COLLAR CHART, CLASSES 8-9-10, SERIES P100, P200, P300, P1200, P1300, P1400, P2100, P2200, P2300, P3200, P3300, AND P3400 (PLATE IV-8)

Note: Collars on the right side of the accumulator with units of cents in the first column are shown in column 1. With units of cents in the second column, the collars are designated in column 2. Collars in column 10 or 13 may be considered as basic, to which, in accumulators of lesser capacities, are added what are known as 'fill in' collars.

Classes 8-10, Series P100, P300, P1200, P1400, P2100, P2300, P3200, P3400

Parts used for each column of adding capacity	Adding capacity Parts used to left of columns					Parts used to left of columns	
	10	9	8	7	6	2	1
1016 9530 pinion	Z	ZS	ZS^2	ZS^3	ZS^4	X or YS	X or Y
1014 8559 carry pawl	D	DB	DB^2	DB^3	DB^4	EB	E
1014 8583 latch	C	CB	CB^2	CB^3	CB^4	AB	A
1014 8625 carry rack	O	F	F^2	F^3	F^4	G	O
1014 8708 latch	H	HF	HF^2	HF^3	HF^4	IF	I
*1014 8708 latch	KW	KG	KG^2	KG^3	KG^4	IJ	O

*Use this line for Automatic Count. K is placed outside centre brace 1014 9904 to space bail 1015 0480, also between the bail and the left side plate in register 1. In machines of 8 or less columns capacity, one set collar G is required for the carry rack latches and one for the bail.

Class 9, P200, P1300, P2200, P3300 double wheel but without minus balance feature.

Parts used for each column of adding capacity	Adding capacity Parts used to left of columns					Parts used to left of columns	
	10 or 13	9 or 12	8 or 11	7 or 10	6 or 9	2	1
1016 9530 pinion 1019 3647 pinion	U	US	US^2	US^3	US^4	MS	M
1019 2680 carry pawl	Q	QB	QB^2	QB^3	QB^4	T	O
1019 2714 latch	CB	CB^2	CB^3	CB^4	CB^5	PB	P
1019 2797 carry rack	N	NF	NF^2	NF^3	NF^4	F^2	F
1019 2805 latch	F	F^2	F^3	F^4	F^5	NF	F

Class 9, P200, double wheel with minus balance feature

Parts used for each column of adding capacity	Adding capacity Parts used to left of columns					Parts used to right of columns	
	10 or 13	9 or 12	8 or 11	7 or 10	6 or 9	2	1
1016 9530 pinion 1019 3647 pinion	R	R	R	R	R	MS	M
1019 2680 carry pawl	O	T	TB	TB^2	TB^3	B	O
1019 2714 latch	CB	CB^2	CB^3	CB^4	CB^5	PB	P
1019 2730 carry rack	C	CF	CF^2	CF^3	CF^4	F	O
1019 2805 latch	O	F	F^2	F^3	F^4	F	O

Part Numbers Continued On Next Page

Accumulation

ACCUMULATOR COLLAR CHART, CLASSES 8-9-10, SERIES P100, P200, P1200, P1400, P2100, P2300, P3300 AND P3400 (PLATE IV-8) continued.

Class 9, P1300, P200, P2200 double wheel with direct minus balance feature

Parts used for each column of adding capacity	Adding capacity Parts used to left of columns					Parts used to left of columns	
	10 or 13	9 or 12	8 or 11	7 or 10	6 or 9	2	1
1016 9530 pinion	U	US	US[2]	US[3]	US[4]	MS	M
1019 3647 pinion							
1019 2680 carry pawl	Q	QB	QB[2]	QB[3]	QB[4]	T	O
1019 2714 latch	CB	CB[2]	CB[3]	CB[4]	CB[5]	PB	P
1019 2730 carry rack	dF	dF	dF[2]	dF[3]	dF[4]	F	O
1019 2805 latch	O	F	F[2]	F[3]	F[4]	—	—

PART NUMBERS (PLATE IV-8)

A	1010 4743	collar
B	1015 1447	collar
C	1015 1454	collar
D	1015 1488	collar
E	1015 1504	collar 0·074"
	1017 4910	collar 0·064" copper plated
F	1015 1439	collar
G	1027 7101	set collar
H	1013 0458	collar
I	1015 1579	washer
J	1017 0728	collar
K	1015 1512	collar
M	— — — —	Collar, controls end play of adding pinions
	1017 0785	0·152"
	1017 0793	0·157"
	1017 0801	0·162"
N	1017 0769	collar
O	— — — —	None
P	1017 0751	collar
Q	1017 2344	collar
R	— — — —	Bridged adding pinion, end cam operates minus balance lock

Upper pinions only

1016 9522	cols. bridged-0
1016 9456	cols. bridged-1
1016 9464	cols. bridged-2
1016 9415	cols. bridged-3
1016 9423	cols. bridged-4
1016 9431	cols. bridged-5
1016 9449	cols. bridged-6

Lower pinions only

1019 3530	cols. bridged-0
1019 3621	cols. bridged-1
1019 3639	cols. bridged-2
1019 3589	cols. bridged-3
1019 3605	cols. bridged-4
1019 3571	cols. bridged-5
1019 3613	cols. bridged-6

S	1010 9106	collar
T	1017 0827	collar
U	1011 5772	collar
W	1015 1611	set collar
X	1015 1462	collar, 0.093"
Y	1015 1470	collar, 0.103"
Z	1026 9777	collar
c.	1017 0777	collar
d.	1010 5120	washer

Accumulation

ACCUMULATOR COLLAR CHART, WITH MINUS BALANCE FEATURE–SERIES P400, P5000, P600 AND P9000 (PLATE IV-9)

10 Column Construction

Parts used for each column of adding capacity	Adding capacity parts used to left of columns					Parts used to right of columns	
	10	9	8	7	6	2	1
1016 0281 pinion	CA[3]	CA[4]	CA[5]	CA[6]	CA[7]		B
1015 9887 lower carry pawl	K	KP	KP[2]	KP[3]	KP[4]		E
1015 9861 upper carry pawl	K	KP	KP[2]	KP[3]	KP[4]		E
1015 9903 pawl latch	L	LP	LP[2]	LP[3]	LP[4]		G
1015 9937 carry rack	M	MO	MO[2]	MO[3]	MO[4]		H
1016 0075 rack latch	QN[3]	QN[4]	QN[5]	QN[6]	QN[7]		J

13 Column Construction

Parts used for each column of adding capacity	Adding capacity Parts used to left of column					Parts used to right of columns	
	13	12	11	10	9	2	1
1016 0281 pinion	C	CA	CA[2]	CA[3]	CA[4]		B
1015 9887 lower carry pawl	D	DP	DP[2]	DP[3]	DP[4]		E
1015 9861 upper carry pawl	D	DP	DP[2]	DP[3]	DP[4]		E
1015 9903 pawl latch	F	FP	FP[2]	FP[3]	FP[4]		G
1015 9937 carry rack	H	HO	HO[2]	HO[3]	HO[4]		H
1016 0075 rack latch	Q	QN	QN[2]	QN[3]	QN[4]		J

PART NUMBERS (PLATE IV-9)

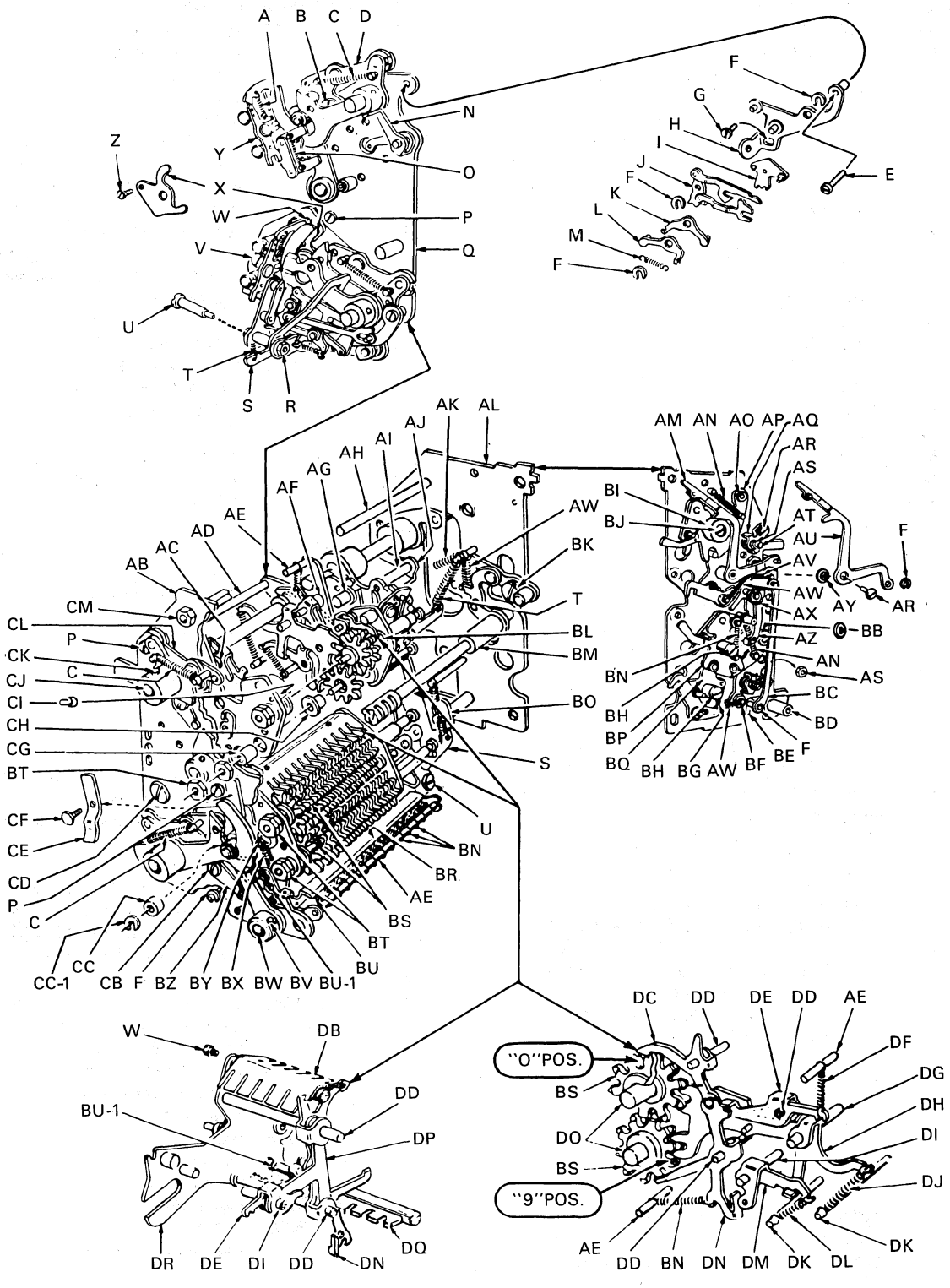
Note: * Used as a bearing for the adding pinion and also as a spacer when the pinion is omitted.

† Parts not required when the carry pawls are located by guide combs.

*A	1016 1149	regular bearing for adding pinion
B	1016 1156	flanged end collar, copper plated
C	1016 1164	collar
†D	1342 7281	collar
†E	1045 8404	collar
F	1016 1024	collar
G	1016 1032	collar
H	1029 3264	collar
J	1216 1964	collar 0·112" copper plated
	1010 6441	collar 0·120"
†K	1045 8396	collar
L	1016 1016	collar
M	1016 1057	collar
N	1017 0843	collar
O	1010 9106	collar
P	1015 1447	collar
Q	1028 8694	collar

Accumulation

ACCUMULATOR–SERIES P400 AND P5000 (PLATE IV-10)



Part Numbers On Next Page

Accumulation

PART NUMBERS (PLATE IV-10)

A	1013 3262	spring
B	1010 3737	screw
C	1027 3209	spring, copper plated
D		Carry reset link, copper plated
	1019 5113	right
	1019 5139	left
		These links can only be used with 1019 4744 listing pawl (see BQ)
E	1018 0297	screw, hex. head
F	1255 3129	clip. Early machines may use 1028 7548 screw instead of clip
G	1304 2775	screw, hex. head
H	1019 4991	bracket
I	1016 0521	detent
J	1016 0588	fugitive one release fingers
K	1016 0489	detent
L	1016 0505	detent
M	1027 1989	spring
N	1016 0463	bell crank
O	1027 6855	spring
P	1010 9197	screw for tie shaft
Q	— — — —	For machines with pinned BW assembly use 1032 9175 centre brace, 1032 9191 left side frame, 1032 9472 arms (2 or 4 as required), 1034 5619 shoulder screws (2 or 4 as required), 1256 5289 nuts (2 or 4 as required)
	1032 9175	centre brace. See PlateIV-12 for detail of improved system for suspension of adding pinion frame
R	1010 0360	nut, use 1256 7715 lockwasher
S	— — — —	Spear point assembly
	1045 8230	part shewn
	1016 0448	current part
T	1027 6236	spring
U	1016 1255	shoulder screw
V	1010 4248	screw, use 1010 9858 spacer
W	— — — —	Screws for securing guide DB
	1019 5196	used on right, head of screw inside frame
	1048 9854	used on left, head of screw inside frame
X	1016 0224	retainer
Y	1019 5006	adding pinion shift assembly
Z	1010 3901	screw
AB	— — — —	See Q for detail
	1032 9191	side frame, left
AC	1016 1024	collar
AD	1015 9804	tie shaft
AE	1015 9747	spring anchor shaft
AF	1016 1032	collar
AG	1015 9796	reset shaft for carry racks
AH	1014 8054	tie shaft
AI	1016 1263	screw post, hex. head, use 1017 9695 spring anchor screw
AJ	— — — —	Minus bal. slide control bail
	1016 0257	upper
	1016 0240	lower
AK	1303 2248	spring, use 1026 6252 wire clip
AL	1019 3480	side frame, right
AM	1016 0323	inner arm for N.T.L. slide
AN	1029 4163	spring for detent AP
AO	1010 7332	shoulder nut, see AP for spacer
AP	1019 5014	detent, use 1016 0869 spacer
AQ	1016 0877	bracket
AR	1010 4867	screw
AS	1010 0360	nut for AR and AT
AT	1010 7142	adjusting screw
AU	1016 0349	outer arm for N.T.L. slide
AW	1026 9892	spring for AZ
AX	1010 0220	clip
AY	1017 1627	flanged bearing
AZ	1019 4835	bail, indexes subtract
BB	1016 0869	washer
BC	1019 4702	link
BD	1017 2336	post
BE	1016 0240	bail, see AJ
BF	1017 9695	spring anchor screw
BG	1013 3114	spring
BH	1028 9445	screw
BI	1016 1222	guide
BJ	1010 8983	screw
BK	1010 5682	screw
BL	1016 1156	flanged collar, copper plated
BM	1019 3985	aligning shaft, regular. See PlateIV-43 for other styles and for early machines
BN	1013 9350	springs for carry pawls, regs. 'A' and 'B'
BO	1016 0273	shift indexing linkage, use 1017 3003 spacer between part and side frame, and 1035 1617 set collar with 1304 2775 screw on left of 'U' form
BP	1016 0448	totalling pawl
BQ	1019 4744	listing pawl, must be used in conjunction with the two reset links, see D
BR	— — — —	Nursemaid bail, early, fixed by shoulder screws BU-1 (Subject to availability)
	1045 8248	regular
	1045 8255	twelfth fractions (col. 1)
	1045 8263	twelfth fractions (cols. 1-2)
	1045 8271	eighth fractions (col. 1)
	1045 8289	eighth fractions (col. 1) and twelfth fractions (col. 2)

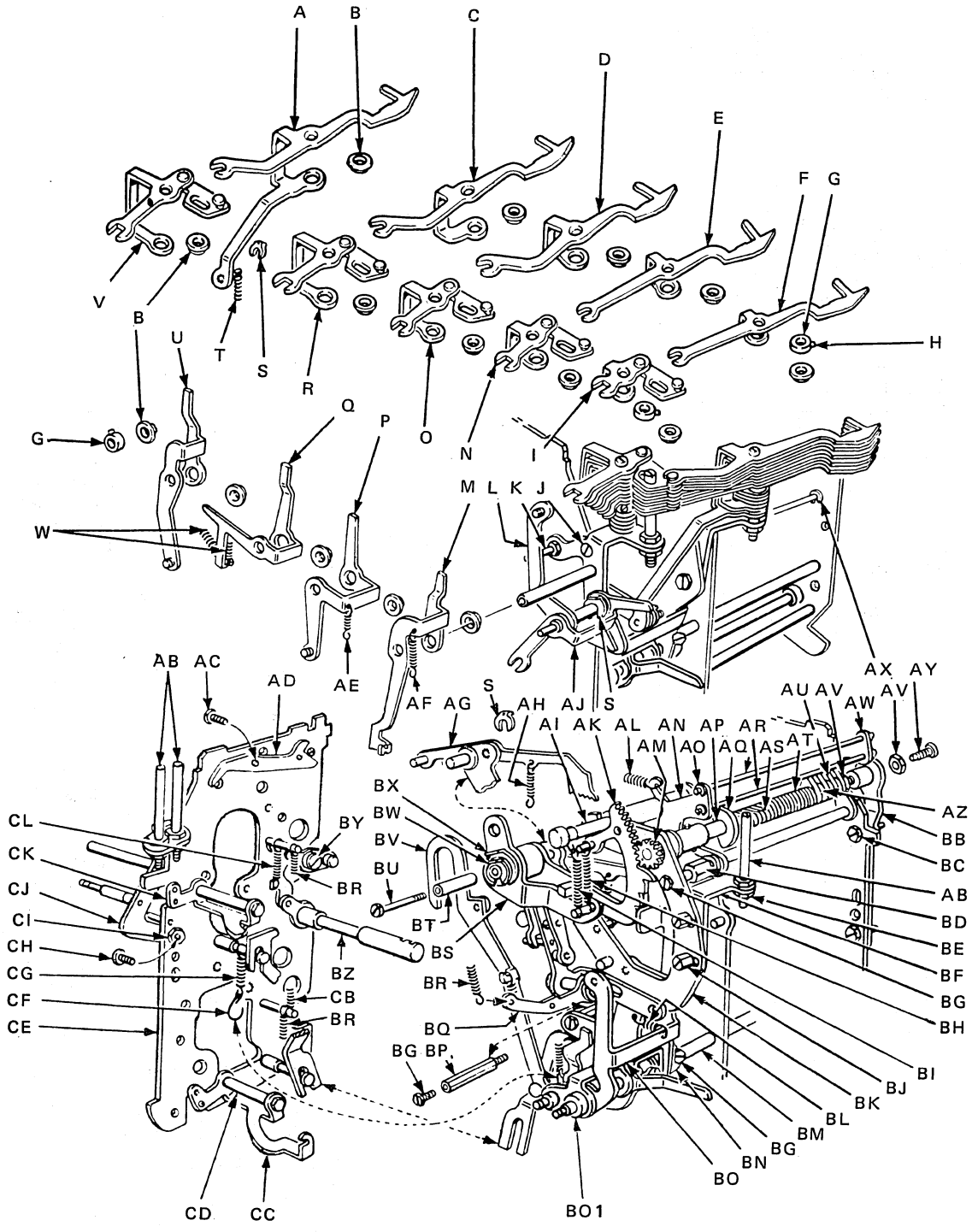
Part Numbers Continued On Next Page

PART NUMBERS (PLATE IV-10) continued

	1019 4926	$\frac{1}{60}$ fractions (cols. 1-2) Nursemaid bail, late, pivots on studs, retained by 1010 0121 wire clip on right
	1019 4942	regular
	1019 4967	twelfth fractions (col. 1)
	1019 4975	twelfth fractions (cols. 1-2)
	1019 4876	eighth fractions (col. 1)
	1019 4884	eighth fractions (col. 1) and twelfth fractions (col. 2)
	1019 4892	$\frac{1}{60}$ fractions (cols. 1-2)
BS	— — — —	Adding pinion
	1016 0281	regular
	1019 3654	twelfths
	1016 0307	eighths
BT	1010 0428	nut
BU	— — — —	See BN
BU-1	1016 1545	shoulder screw for bail BR
BV	1010 0659	pin, only required for early pinned style BW
BW	— — — —	Pinned assembly with shaft no longer available. See Q for consistency and Plate IV-12 for illustrated detail
BX	1013 9327	nursemaid bail spring
BY	1016 1461	spring anchor screw, also holds shaft retainer X
BZ	1016 0216	shaft retainer
CB	1015 2205	screw
CC	1023 7022	roller
CC-1	1255 3129	clip (shewn). See Plate IV-12 for details of clip and spring anchor combined
CD	1016 1495	screw for 1019 3951 tie shaft, use 1011 5772 washer
CE	1016 0778	guide plate
CF	1300 6788	screw, hex. head
CG	1016 1164	bearing, $\frac{17}{64}$"
	1029 9311	bearing, $\frac{37}{64}$"
CH	1016 1149	adding pinion bearing or spacer for one pinion
CI	— — — —	See W
CJ	1019 4330	meshing camshaft assembly
CK	1010 0519	pin
CL		See D
CM	1010 0311	nut
DB	— — — —	Upper carry pawl guide
	1016 0356	regular
	1016 0364	$\frac{1}{8}$ fractions (col. 1)
DC	— — — —	Upper carry pawl
	1015 9861	regular
	1015 9895	$\frac{1}{12}$ fractions (col. 1)
	1015 9846	$\frac{1}{8}$ fractions (col. 1)
DD	1015 9754	carry pawl shaft
DE	1015 9903	carry pawl latch
DF	1026 9868	spring
DG	1015 9713	carry rack shaft, use 1016 0935 brace
DH	— — — —	Carry racks
	1015 9937	regular (See Plates IV-28,-29-30 for all other styles)
DI	1015 9770	carry rack latch shaft
DJ	1013 3098	spring for first rack on right
	1027 7549	spring for rack on extreme left
	1026 9421	spring for remainder of racks
DK	1015 9788	spring anchor shaft
DL	1027 7564	spring
DM	— — — —	Carry rack latch
	1016 0075	regular. See Plates IV-33,-34 for other styles
DN	— — — —	Lower carry pawl
	1015 9887	regular
	1019 4470	$\frac{1}{12}$ fractions (col. 1)
	1015 9879	$\frac{1}{8}$ fractions (col. 1)
DO	1025 3573	adding pinion shaft
DP	1016 0943	brace
DQ	— — — —	Lower carry pawl guide
	1016 0372	regular
	1016 0364	$\frac{1}{8}$ fractions (col. 1)
DR	1019 4389	adding pinion frame for late style nursemaid bail BR

Accumulation

ACCUMULATOR, SERIES P600–FIVE LANES OF CONTROL (PLATE IV-11)



Part Numbers Continued On Next Page

Accumulation

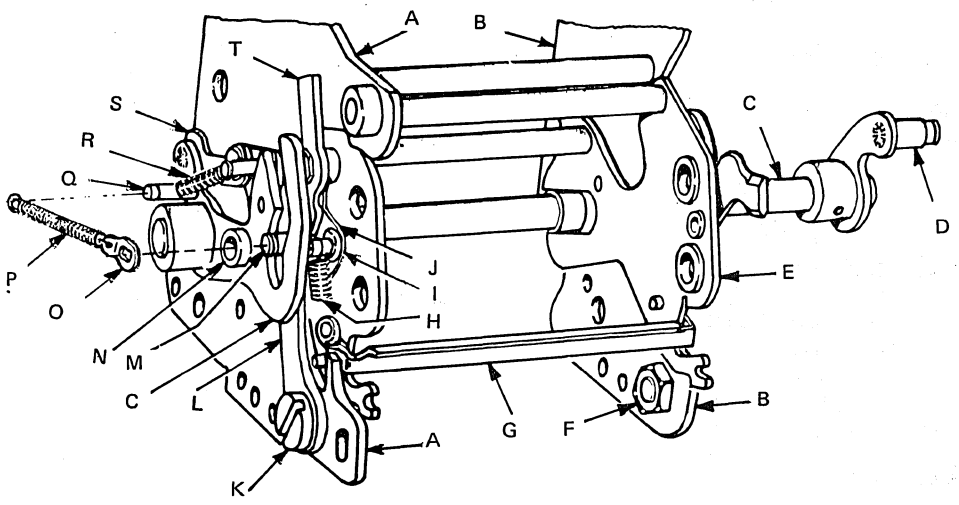
PART NUMBERS (PLATE IV-11)

Note: See PlateIV-10 for Series P400, P5000 parts used on Series P600 and not covered in this illustration

A	1023 3252	control arm, lane 1, four position printing control
B	1010 7415	bushing
C	1023 3294	control arm, lane 2, red ribbon
D	1023 3302	control arm, lane 3, non-add register 'A'
E	1023 3310	control arm, lane 4, subtract control
F	1023 3328	control arm, lane 5, non-add register 'B'
G	1015 1611	set collar, includes H
H	1011 0070	screw
I	1015 9366	bail
J	1010 4693	screw, use 1010 0360 nut
K	1010 6193	spring anchor screw, use 1010 0378 nut
L	1044 9817	vert. space, non-tab. control bail
M	1023 3377	non-add control bail, use 1011 3082 spring
N	1015 9341	bail
O	1015 9325	bail
P	1015 9408	bail
Q	1023 3385	bail
R	1015 9309	bail
S	1010 0220	clip
T	1010 7910	spring
U	1023 3393	red ribbon control bail
V	1015 9283	bail
W	1026 9769	spring
AB	1023 3526	short post
	1023 3518	long post
AC	1010 8991	screw
AD	1045 7398	lock plate
AE	1027 7465	spring
AF	1027 6319	spring
AG	1015 9473	detent arm
AH	1013 3148	spring
AI	1015 8178	mounting shaft
AJ	1022 7635	bail
AK	1015 9457	printing control segment
AL	1027 2037	spring
AM	1015 8194	printing camshaft only, see AQ, AT, AU, AV and AZ for cams and spacers
AN	1015 9424	bracket, right
AO	1010 0170	clip
AP	1010 3885	collar
AQ	1015 9168	three-position printing control cam
	1015 9150	two opposite positions, printing control cam
AR	1015 8186	spring anchor shaft
AS	1015 9135	single position printing control cam
AT	1017 5255	spacer
	1017 4381	spacing sleeve
AU	1015 9143	two adjacent position printing control cam
	1015 9184	four-position printing control cam
AV	1010 0337	nut
AW	1015 9416	bracket, left
AX	1010 0154	clip
AY	1018 0362	screw
AZ	1017 5255	spacer, when no cipher split control is used
BB	1015 9481	printing control camshaft support
BC	1018 0370	screw
BD	1017 6683	post
BE	1010 0402	nut
BF	1015 9465	bracket
BG	1304 2775	screw
BH	1018 0560	spring
BI	1014 7619	spring, use 1026 6252 clip
BJ	1017 3136	screw, use 1027 6657 washer, 1034 2459 spacer, 1256 7715 lockwasher
BK	1023 3484	bracket
BL	1026 9975	spring
BM	1019 3951	tie shaft
BN	1010 3893	collar
BO	1023 3427	indexing bail, use 1030 0838 spacer
BO-1	1017 3003	spacer
BP	1017 6725	hex. post
BQ	1016 0448	spear point assembly
BR	1027 6236	spring
BS	1023 3450	actuating arm
BT	1017 5248	spacer
BU	1015 3757	screw
BV	1045 0070	clutch trip link (shewn) See PlateIV-14, CH, for improved link
BW	1300 1417	clip
BX	1010 0162	clip
BY	1010 5682	screw
BZ	— — — —	See PlateIV-43 for aligning shafts
CB	1027 7523	spring
CC	1016 0240	minus bal. control bail, lower
CD	1016 1263	post, hex. head
CE	1019 3480	side frame, right
CF	1026 6252	wire clip
CG	1026 9371	spring
CH	1303 1364	screw
CI	1010 0329	nut
CJ	1023 3369	bracket, use 1023 3534 post and 1010 0360 nut
CK	1016 0257	minus bal. control bail upper
CL	1018 0651	spring

Accumulation

ACCUMULATOR–IMPROVED CONSTRUCTION FOR SUSPENSION OF ADDING PINION FRAME–SERIES P400, P600, P5000, P9000 (PLATE IV-12)

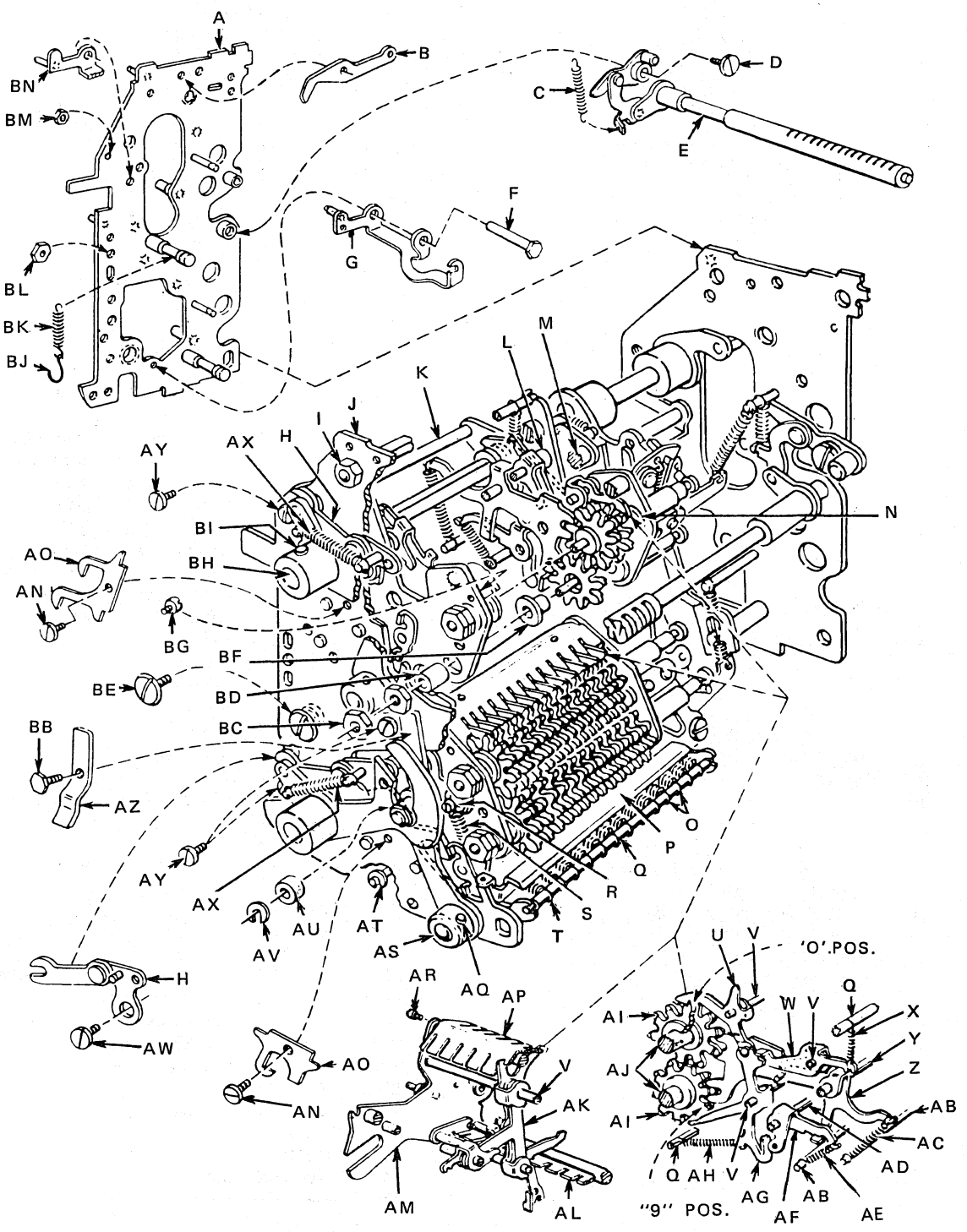


PART NUMBERS (PLATE IV-12)

A	— — — —	Sideframe, left
	1032 9191	P400 and P5000
	1215 5958	P400 and P5000, Shuttle Carriage Machines.
	1032 9217	P600 and P9000, 'A' and 'B' registers only
	1216 9736	P600 and P9000, 'A', 'B' and 'C' registers
	1215 3177	P600 and P9000, sterling machines with 'A', 'B' 'C' and 'C' registers.
B	1032 9175	centre brace
C	1019 4330	meshing camshaft
D	— — — —	Repair stud 1219 6002, use 1013 1373 roller, 1255 3145 clip, and 1010 0410 nut
E	1019 4389	adding pinion frame
F	1256 5289	nut
G	1019 4942	nursemaid bail, regular.
H	1013 9327	spring
I	1016 1461	spring anchor screw
J	1016 0224	retainer
K	1034 5619	shoulder screw
L	1032 9472	side arm, right and left
M	— — — —	Repair stud 1813 5574, use 1010 0386 nut
N	1023 7022	roller for enclosed cam
O	1019 5535	spring eyelet for stud M
P	1018 0834	spring
Q	— — — —	Stud is part of camshaft C and is used to anchor rear of springs P and R
R	1027 3209	spring, copper plated
S		See D, PlateIV-10, for detail
T	1016 0778	guide plate, use 1300 6788 screw
		See BR, PlateIV-10, for other styles. Use 1010 0121 wire clip on right

Accumulation

ACCUMULATOR, SERIES P600, P5000 AND P9000–SEVEN LANES OF CONTROL (PLATE IV-13)



Part Numbers On Next Page

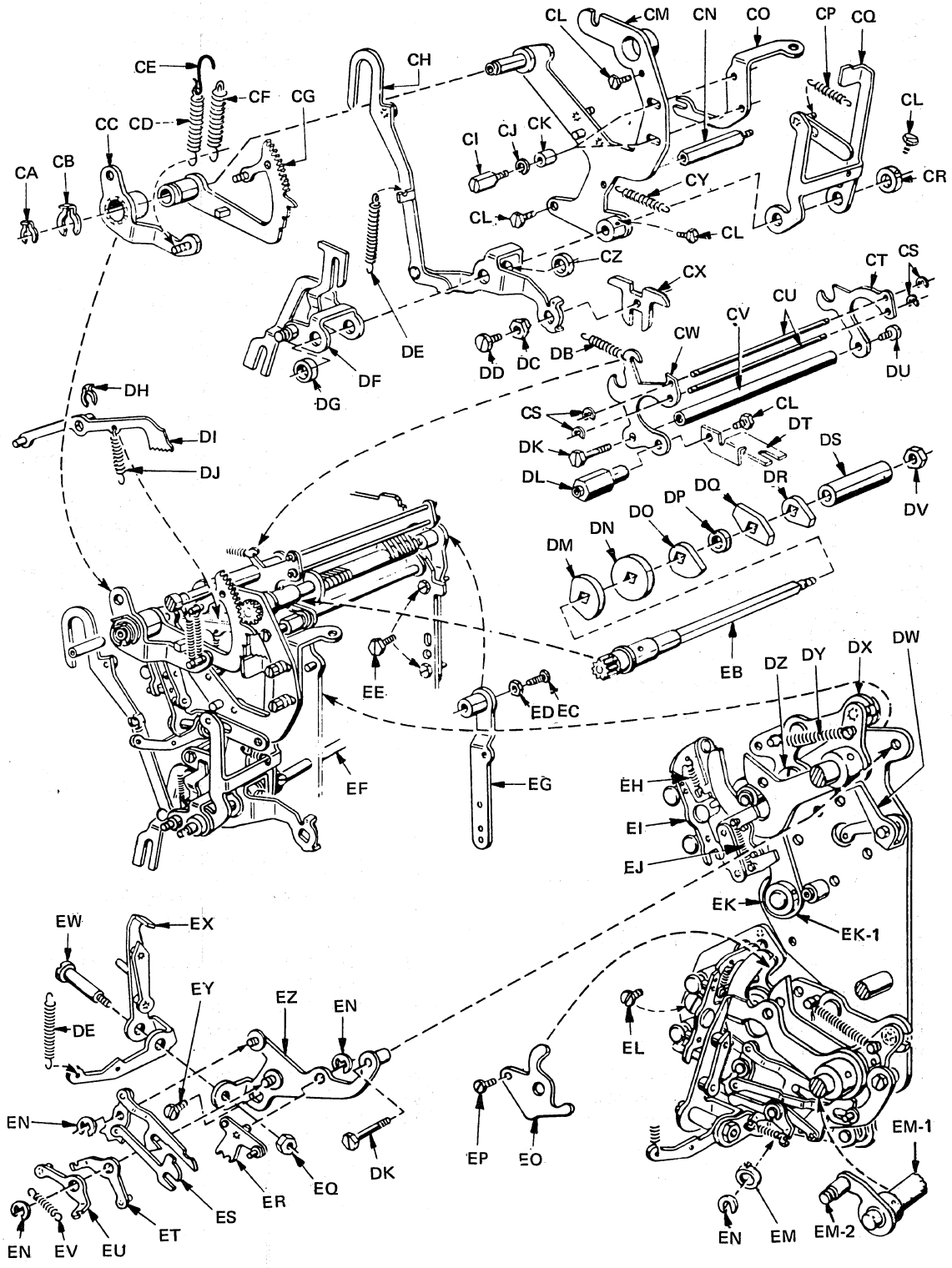
Accumulation

PART NUMBERS (PLATE IV-13)

A	1019 3480	sideframe, right
B	1023 3005	lock plate
C	1026 9892	spring
D	1010 5682	screw
E	— — — —	See PlateIV-43 for aligning shaft detail
F	1016 1263	post, hex. head
G	1016 0240	bail, lower
	1016 0257	bail, upper
H	— — — —	Carry rack reset links
	1019 5139	left
	1019 5113	right
		These copper plated links to be used only with 1019 4744 listing pawl
I	1010 0311	nut
J	— — — —	Left side frame
	1032 9217	'A' and 'B' registers
	1216 9736	'A', 'B' and 'C' registers
	1215 3177	'A', 'B' and 'C' registers (Sterling)
K	1015 9804	shaft
L	1016 1032	collar
M	1015 9796	carry reset shaft
N	1016 1156	collar
O	1013 9350	carry pawl springs, all columns, reg. 'A'
	1026 9769	carry pawl springs, all columns, reg. 'B'
P	1019 4942	nursemaid bail, regular. Use 1010 0121 wire clip on right.
	— — — —	See BR, PlateIV-10, for other styles
Q	1015 9747	spring anchor shaft
R	1016 1461	spring anchor screw
S	1013 9327	spring
T		See O
U	1015 9861	upper carry pawl, See PlateIV-25 for other styles
V	1015 9754	shaft
W	1015 9903	carry pawl latch
X	1026 9868	spring
Y	1015 9713	shaft
Z	1015 9937	carry rack, regular See PlatesIV-28-29-30 for all other styles
AB	1015 9788	spring anchor shaft
AC	1013 3098	spring for first rack on right
	1027 7549	spring for rack on ext. left
	1026 9421	spring for all other cols.
AD	1015 9770	shaft
AE	1027 7564	spring
AF	1016 0075	carry rack latch, regular
		See PlatesIV-33-34, for other styles
AG	1015 9887	carry pawl, lower See PlateIV-25 for other styles
AH	— — — —	See O
AI	1016 0281	adding pinion, See Plates IV-38-39-40 for other styles
AJ	1025 3573	adding pinion shaft
AK	1016 0943	brace
AL	1016 0372	lower carry pawl guide
AM	1019 4389	adding pinion frame
AN	1015 2205	screw
AO	1016 0216	shaft retainer
AP	1016 0356	upper carry pawl guide
AQ	1010 0659	pin
AR	— — — —	Screws for securing guide AP 1019 5196 used on right, head of screw inside frame 1048 9854 used on left, head of screw inside frame
AS	— — — —	For machines with pinned assembly AS use sideframe (see J), 1032 9175 centre brace, 1032 9472 side arms (2 or 4 as required), 1034 5619 shoulder screws (2 or 4 as required), 1256 5289 nuts (2 or 4 as required). See PlateIV-12 for detail
AT	1255 3129	clip
AU	1023 7022	roller for cam
AV	— — — —	See O, PlateIV-12 for clip and spring
AW	1017 9919	screw
AX	1027 3209	spring, copper plated
AY	1010 9197	screw
AZ	1016 1164	guide plate
BB	1300 6788	screw, hex. head
BC	1010 0428	nut
BD	— — — —	Adding pinion shaft bearing, ext. left
	1016 1164	$\frac{17}{64}$"
	1029 9311	$\frac{37}{64}$"
	1029 9097	$\frac{49}{64}$"
BE	1016 1495	screw, use 1011 5772 washer
BF	1016 1149	adding pinion bushing and/or spacer
BG	— — — —	See AR
BH	1019 4330	meshing cam shaft assembly
BI	1010 0519	pin
BJ	1026 6252	wire clip
BK	1303 2248	spring
BL	1010 0329	nut
BM	1010 0360	nut
BN	— — — —	See G

Accumulation

ACCUMULATOR, SERIES P600, P5000 and P9000–SEVEN LANES OF CONTROL (PLATE IV-14)



Part Numbers On Next Page

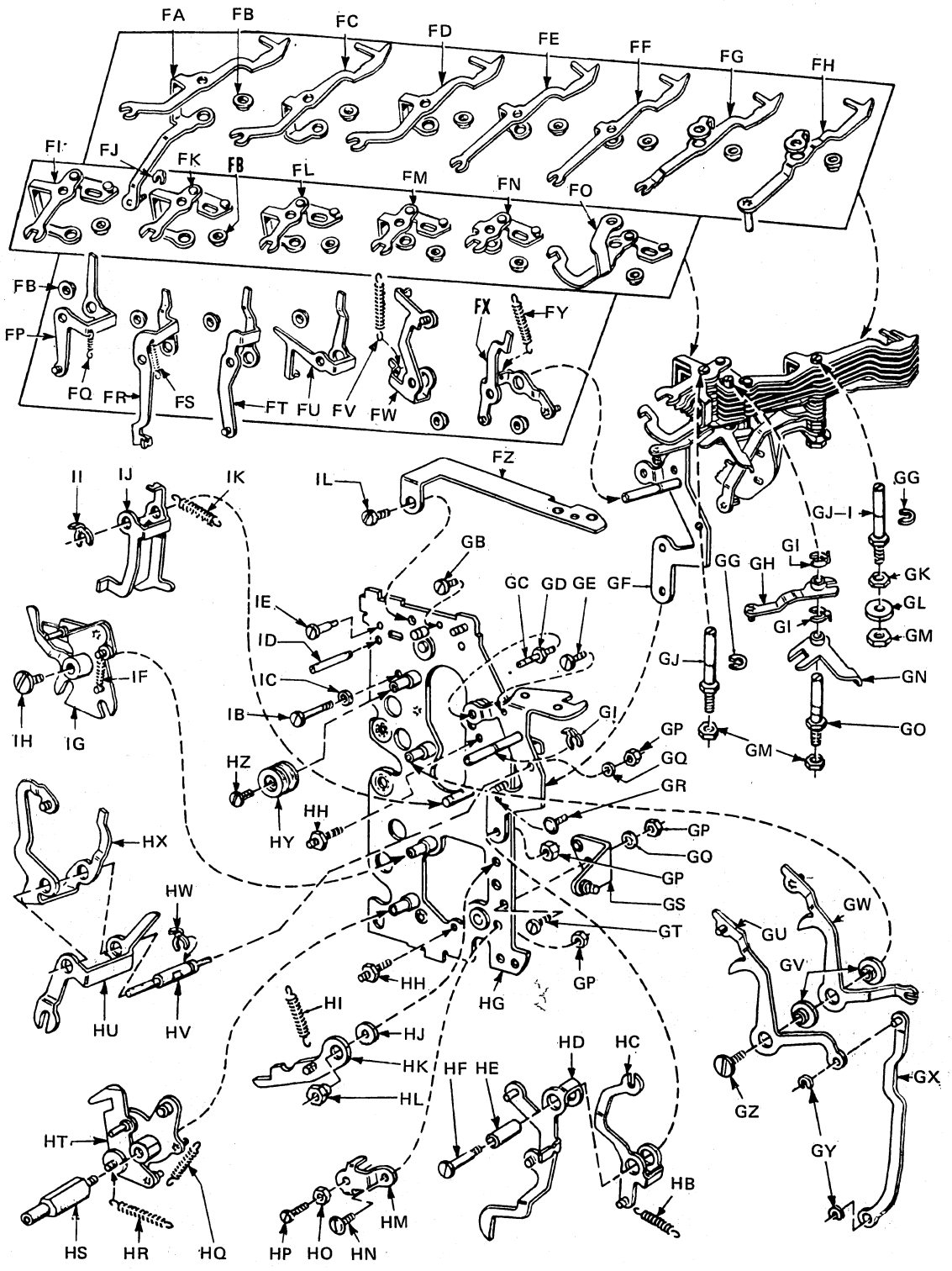
Accumulation

PART NUMBERS (PLATE IV-14)

CA	1300 1417	clip
CB	1010 0162	clip
CC	1023 3450	actuating arm
CD	1014 7619	spring
CE	1026 6252	wire clip
CF	1018 0560	spring
CG	1015 9457	control segment
CH	1016 8482	M.R.C. clutch trip link
CI	1017 3136	screw
CJ	1256 7442	lockwasher
CK	1027 6657	spacer
CL	1304 2775	screw
CM	1023 3484	bracket
CN	1017 6725	hexagon post
CO	1015 9465	bracket
CP	1013 3387	spring
CQ	1023 3427	indexing bail
CR	1010 3893	set collar
CS	1010 0170	clips
CT	1015 9416	bracket, left
CU	1015 8186	spring anchor shaft
CV	1015 9804	tie shaft
CW	1015 9424	bracket, right
CX	1015 5455	adjusting blank
CY	1026 9975	spring
CZ	1010 9155	spacer
DB	1027 2037	spring
DC	1017 2575	eccentric
DD	1010 9163	screw
DE	1027 6236	spring
DF	1016 0273	shift indexing assembly
DG	1017 3003	spacer
DH	1010 0220	clip
DI	1015 9473	detent arm
DJ	1013 3148	spring
DK	1018 0297	screw, hex. head
DL	1017 6683	hex. post
DM	1015 9168	three position cam
DN	1015 9184	four position cam
DO	1015 9143	two adjacent position cam
DP	1017 5255	spacer
DQ	1015 9150	two opposite position cam
DR	1015 9135	single position cam
DS	1017 4381	spacer
DT	1019 5345	bracket
DU	1010 9197	screw
DV	1010 0337	nut
DW	1016 0463	bell crank
DX	1019 5113	carry rack reset link, right Where part is not copper plated use 1019 5113 link, right; 1019 5139 link, left; and 1019 4744 listing pawl
DY	1027 3209	spring, copper plated See PlateIV-12 for mating spring and clip
DZ	1010 3737	screw
EB	1015 8194	camshaft
EC	1018 0362	screw
ED	1010 0311	nut
EE	1018 0370	screw
EF	1019 3951	shaft
EG	1015 9481	support for camshaft
EH	1013 3262	spring
EI	1019 5006	adding pinion shift assembly
EJ	1027 6855	spring
EK	1032 9175	centre brace
	— — — —	When EK-1 is a pinned assembly, use 1032 9175 centre brace, 1032 9217 sideframe, left; 1032 9472 side arm (2 or 4 as required), 1034 5619 shoulder screw (2 or 4 as required), 1256 5289 nut (2 or 4 as required)
EK-1	— — — —	Pinned assembly no longer available, See EK consistency and PlateIV-12 for detail
EL	1010 5393	screw, use 1256 7715 lockwasher. Where a shim is needed between EI and the side plate of the adding pinion frame use 1024 6502
EM	1011 9915	set collar
EM-1	1019 4330	meshing cam assembly
EM-2	1219 6002	repair stud, use 1013 1373 roller, 1255 3145 clip and 1010 0410 nut
EN	1255 3129	clip
EO	1016 0224	shaft retainer
EP	1010 3901	screw
EQ	1010 0360	nut, use 1256 7715 lockwasher
ER	1016 0521	detent
ES	1016 0588	fugitive one release fingers
ET	1016 0489	detent
EU	1016 0505	detent
EV	1027 1989	spring
EW	1016 1255	shoulder screw
EX	1016 0448	spearpoint assembly
EY	1304 2775	screw
EZ	1019 4991	bracket

Accumulation

ACCUMULATION, SERIES P600, P5000 AND P9000–SEVEN LANES OF CONTROL (PLATE IV-15)



Part Numbers On Next Page

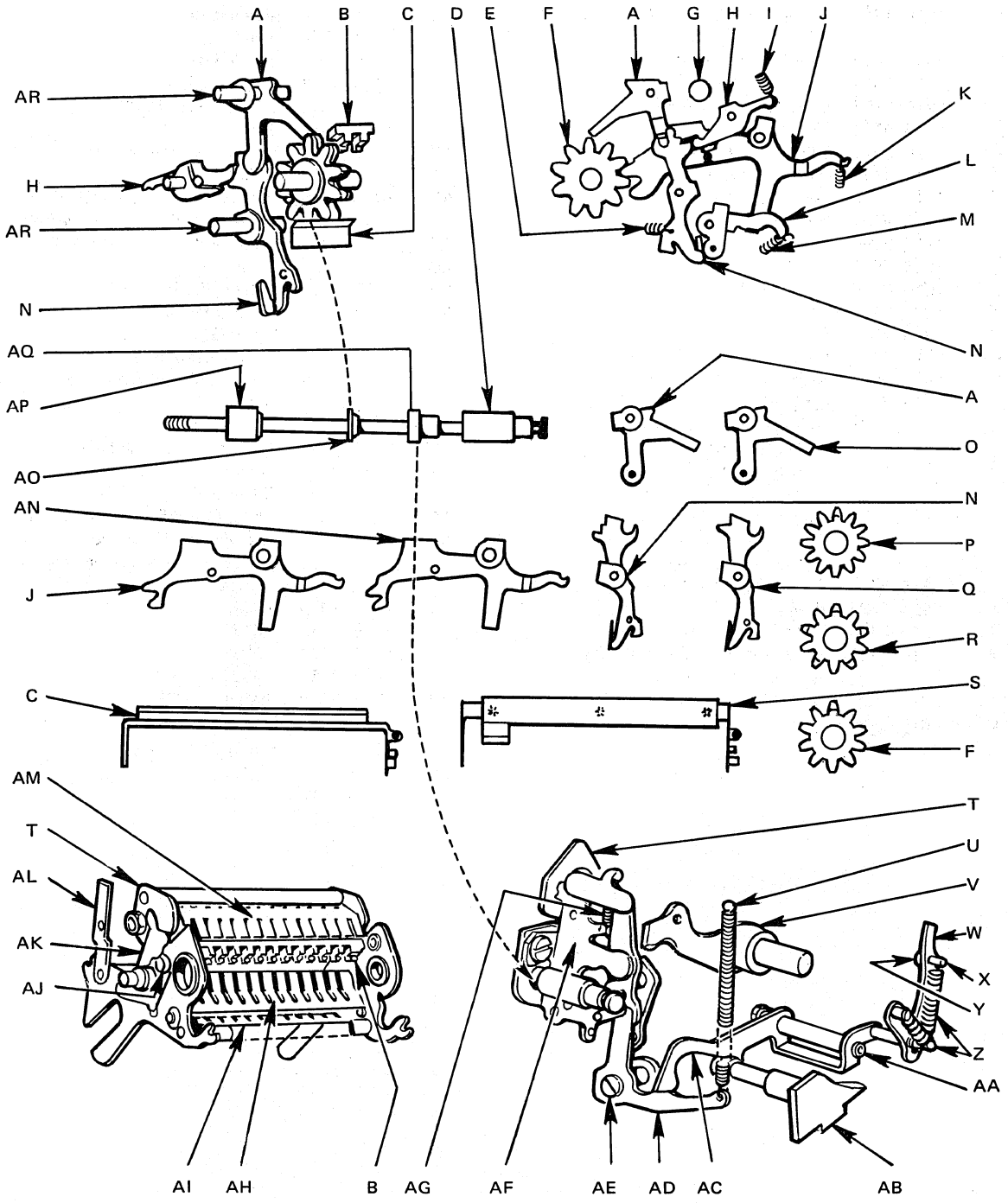
Accumulation

PART NUMBERS (PLATE IV-15)

FA	1023 3252	control arm for printing control, lane 1
FB	1010 7415	bushing
FC	1023 3294	control arm for red ribbon and/or rotary cal. fte, lane 2
FD	1023 3286	control arm for non-add reg. 'A', lane 3
FE	1015 9259	control arm for cge. indexed subtract, lane 4
FF	1015 9267	control arm for transfer total 'A' to 'B' and/or simultaneous addition, lane 5
FG	1023 3260	control arm for auto-totals, lane 6
FH	1023 3278	control arm for skip tab. release, lane 7
FI	1015 9283	connecting link for FA, lane 1
FJ	1010 0220	clip
FK	1015 9309	connecting link for FC, lane 2
FL	1015 9325	connecting link for FD, lane 3
FM	1015 9341	connecting link for FE, lane 4
FN	1015 9366	connecting link for FF, lane 5
FO	1023 3344	connecting link for FG, lane 6
FP	1015 9408	control bail for arm FE, lane 4
FQ	1027 7465	spring
FR	1023 3377	control bail for arm FF, lane 5
FS	1026 9900	spring
FT	1023 3393	control bail for arm FC, lane 2
FU	1023 3385	control bail for arm FD, lane 3
FV	1027 2037	spring
FW	1020 0210	bell crank
FX	1023 3542	control bail for arm FH, lane 6
FY	1027 2854	spring
FZ	1019 5352	brace
GB	1010 8991	screw
GC	1010 6193	spring anchor screw
GD	1010 0378	nut
GE	1010 4693	screw, use 1010 0360 nut
GF	1023 3369	bracket
GG	1300 1474	clip
GH	1019 9750	connecting link for FH, lane 7
GI	1010 0147	clip
GJ	1023 3518	support post
GJ-I	1023 3518	support post
	1216 7243	support post. Use only when carriage base plate has mating hub
GK	1010 0428	nut
GL	1010 4966	washer
GM	1010 0402	nut
GN	1019 9065	bell crank
GO	1023 3526	guide post
GP	1010 0360	nut
GQ	1256 7715	lockwasher
GR	1303 1364	screw, use 1010 0329 nut
GS	1019 5329	bracket
GT	1026 0651	screw
GU	1016 0349	arm, outer
GV	1017 1627	bushing
GW	1016 0323	arm, inner
GX	1019 4702	link
GY	1010 0154	clip
GZ	1010 4867	screw
HB	1053 2158	spring
HC	1020 0301	bell crank
HD	1020 0319	lever
HE	1023 7808	sleeve
HF	1020 0467	screw
HG	1019 3480	side frame, right
HH	1017 9695	spring anchor screw
HI	1029 4163	spring
HJ	1016 0869	washer
HK	1019 5014	detent
HL	1010 7332	shoulder nut
HM	1016 0877	bracket
HN	1010 4867	screw
HO	1010 0360	nut
HP	1010 7142	screw
HQ	1013 3114	spring for listing pawl
HR	1026 9892	spring
HS	1021 3395	hex. post
HT	1019 4744	listing pawl with pocket. Use this pawl with copper plated reset links H, PlateIV-13
HU	1022 7635	bail
HV	1023 3534	spring anchor post
HW	1010 0220	clip
HX	1019 9016	vertical space bail
HY	1016 1222	guide roll
HZ	1010 8983	screw
IB	1015 3757	screw
IC	1256 7715	lockwasher
ID	1010 9304	spring anchor post
IE	1010 7928	screw
IF	1014 7650	spring for totalling pawl
IG	1016 0414	totalling pawl
IH	1028 9445	screw
II	1010 0220	clip
IJ	1019 4835	subtract indexing bail
IK	1027 7770	spring
IL	1013 8030	screw

Accumulation

ACCUMULATOR, SERIES P600, P5000 AND P9000–THREE REGISTER CONSTRUCTION (PLATE IV-16)



Part Numbers On Next Page

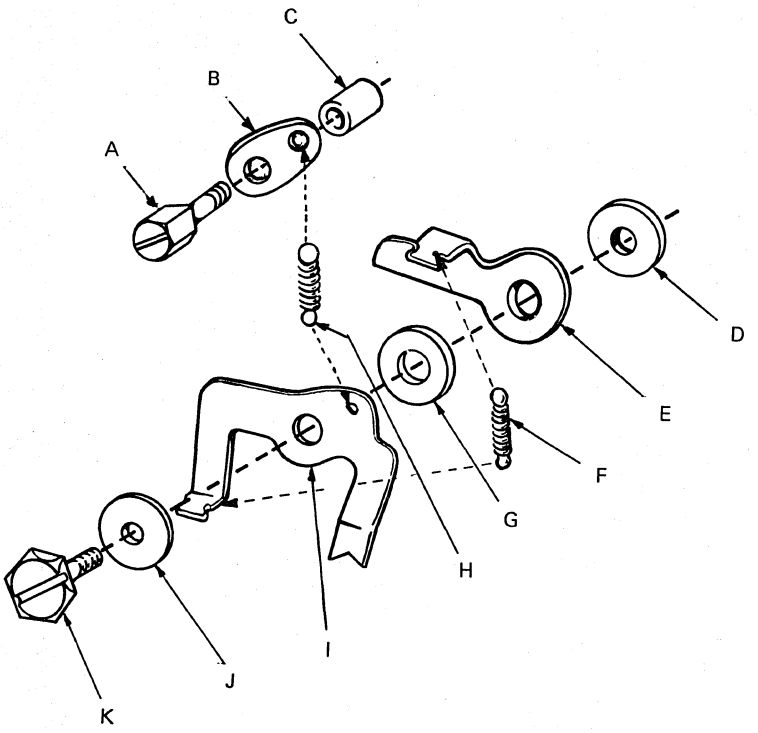
Accumulation

PART NUMBERS (PLATE IV-16)

A	1215 2542	carry pawl, upper, regular
B	1215 2534	detent bar for inactive adding pinions
C	1019 4942	nursemaid bail, use 1013 9327 spring
D	— — — —	Adding pinion shaft
	1025 3573	for 'A' register
	1215 2153	for 'B' and 'C' registers
E	1026 9769	spring
F	1215 2021	adding pinion, regular
G	1015 9796	carry rack reset shaft
H	1015 9903	carry pawl latch
I	1026 9868	spring
J	1215 2633	carry rack, regular
K	1026 9421	spring
L	1016 0075	carry rack latch
M	1027 2805	spring
N	1215 2567	carry arm, regular
O	1215 2559	carry pawl, upper, twelfths
P	1215 2609	adding pinion, twelfths
Q	1215 2682	carry arm, end column left
R	1215 2591	adding pinion, five broadteeth (was used in 10/- col. sterling)
S	1215 2500	nursemaid bail, $\frac{1}{12}$ fractions col. 1. Use 1017 1460 spring
	1216 9066	nursemaid, $\frac{1}{12}$ fractions cols. 1 and 2. Use 1017 1460 spring
T	1215 2658	adding pinion frame
U	1027 6236	spring
V	1019 4330	meshing cam assembly
W	1215 7822	indexing link for cross-sliding 'B' to 'C' or 'C' to 'B'
	1215 2898	indexing link for 'A' subtract
X	1012 0251	spring stud
Y	1216 7383	limit post and nut
Z	1014 7650	spring
AA	1016 1263	post, hex. head
AB	— — — —	Side frames
	1019 3480	right
	1216 9736	left, regular
	1215 3177	left, $\frac{1}{12}$ fractions col. 1 or cols. 1 and 2
AC	1215 2161	bail
AD	1215 1908	spearpoint assembly, use 1215 2880 bracket
AE	1016 1255	shoulder screw, use 1010 0360 nut and 1256 7715 lockwasher
AF	1215 2872	pinion shift detent assembly
AG	1013 3262	spring
AH	1215 2922	guide comb for carry racks
AI	1215 2930	guide comb for carry arms N and Q
AJ	1016 1461	spring anchor screw
AK	1215 2666	shaft retainer, also locates detent bar B
AL	1215 2914	guide plate
AM	1215 2583	guide comb for pawls A
AN	1215 2641	carry rack, twelfths
AO	1215 2047	pinion bushing, regular
AP	1215 2054	pinion bushing for extreme left
AQ	— — — —	Spacers for right (various widths for pinion and sector alignment)
	1215 2039	0·327" (unplated)
	1216 3564	0·317" (cadmium plated)
	1216 3572	0·337" (copper plated)
	1216 7151	0·332" (black oxide)
AR	1015 9754	shaft, use 1215 2674 centre support for bracing three shafts

Accumulation

MINUS SIGN OF REGISTER 'A' DISABLES AUTO-TOTALS SERIES P600 AND P9000 (PLATE IV-17)

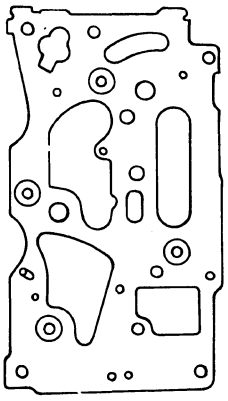


PART NUMBERS (PLATE IV-17)

A	1017 3136	screw, hex. head	
B	1343 1291	spring anchor	
C	1027 6657	spacer	
D	1010 9726	washer	
E	1215 1718	lever	
F	1343 0681	spring	
G	1215 1734	double shouldered spacer	
H	1343 0681	spring	
I	1215 1726	blocking arm	
J	1010 4982	washer	
K	1028 8066	screw, hex. head	

Accumulation

SIDE FRAMES–RIGHT (PLATE IV-18)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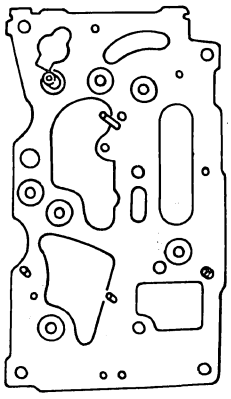
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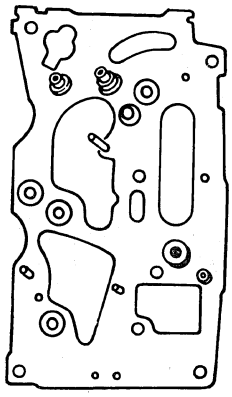
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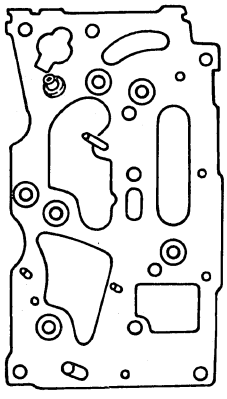
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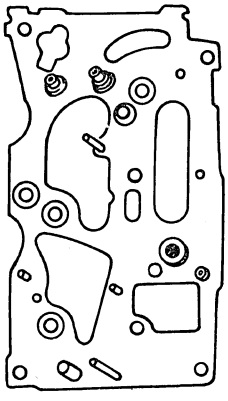
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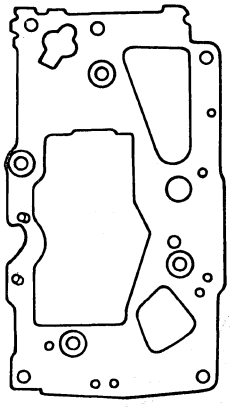
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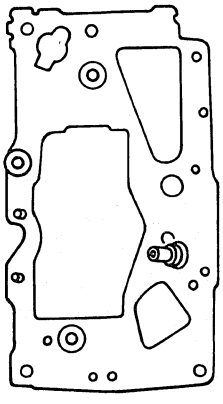
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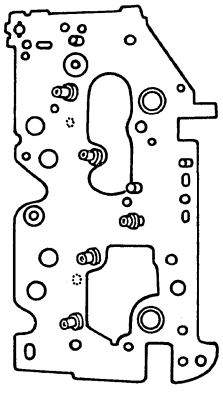
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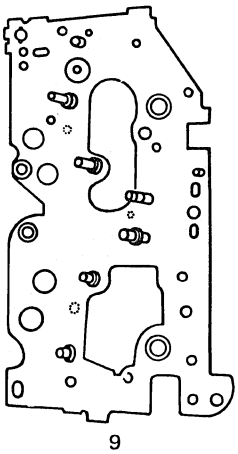
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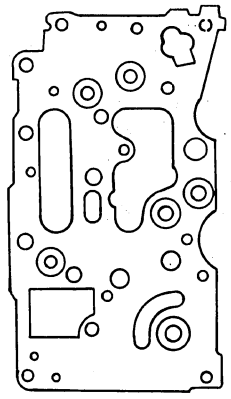
Part Numbers Continued On Next Page

Accumulation

PART NUMBERS (PLATE IV-18)

REF.	PART NUMBER	DESCRIPTION
1	1014 9177	Class 8, Series P100, P1200, P2100, P3200 Machines
2	1014 9151	Class 10, Series P300, P1400, P2300, P3400 Machines
3	1014 9169	Class 10 (such as 1010360, 1010361) Cash Receipting with Cash Drawer Mechanism
4	1215 9794	Class 10 Three Register Cash Machines (such as 1008285, 1010282)
5	1014 9185	Class 10 Three Register V. and R Machines (1010381, 1010382, 1010383, 1010384)
6	1016 9365	Class 9. Series P200, P1300, P2200, P3300 Machines
7	1016 9373	Class 9 with Enforced Sub-total mechanism (such as 910126)
8	1019 3480	Series P400, P600, P5000, P9000 Machines
9	1215 5966	Series P400 and P5000 Shuttle Carriage Machines

SIDE FRAMES–LEFT (PLATE IV-19)



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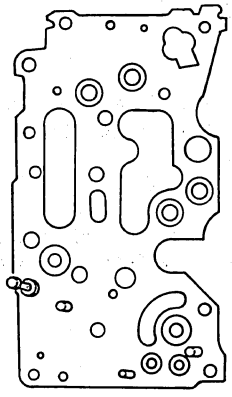

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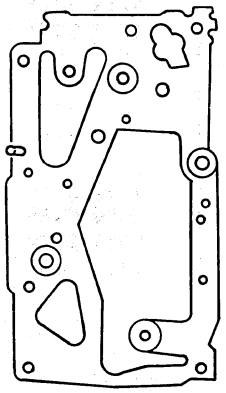

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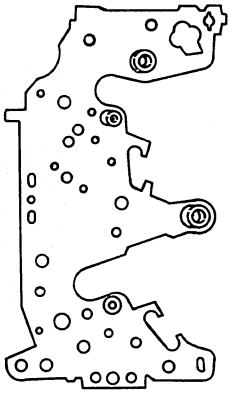

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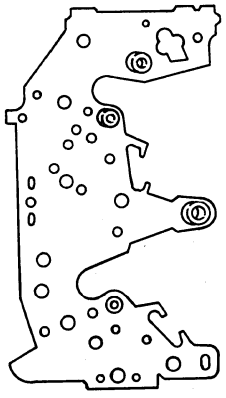

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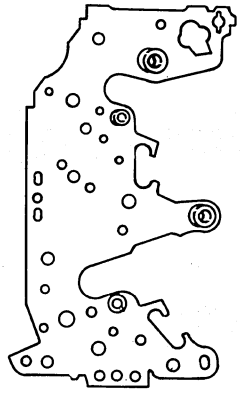

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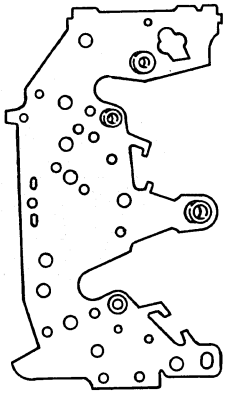

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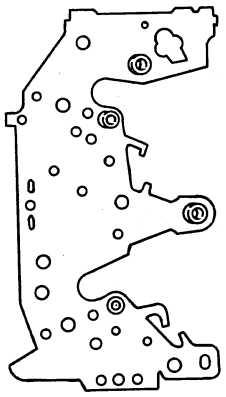

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Part Numbers On Next Page

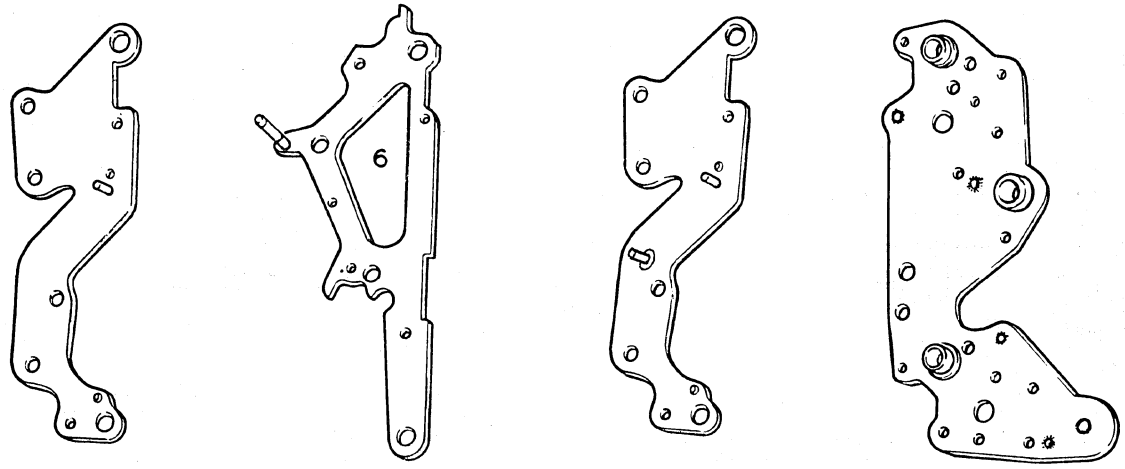
Accumulation

PART NUMBERS PLATE IV-19)

REF.	PART NUMBER	DESCRIPTION
1	1014 9128	Classes 8 and 10, Series P100, P300, P1200, P1400, P3200, P3400, P2100, P2300 Machines
2	1014 9136	Class 10 Three Register Machines
3	1019 3365	Class 9, Series P200, P1300, P2200, P3300 Machines
* 4	1032 9191	Series P400 and P5000 (Adding Machines)
* 5	1032 9217	Series P600, P5000 (Book-keepers), P9000 Machines
* 6	1215 5958	Series P400 and P5000 Shuttle Carriage Machines
* 7	1216 9736	Series P600, P5000 and P9000 Three Register Machines
* 8	1215 3177	Series P600, P5000 and P9000 Three Register Sterling Machines

* Note: References 4, 5, 6, 7 and 8—These left-hand side frames are for the improved adding pinion frame method of suspension (See PlateIV-12). If one of these side frames has to be fitted to an accumulator which has the early pinned shaft assembly (See EK-1, PlateIV-14) then it is necessary to fit the following: 1032 9175 centre brace, 1032 9472 side-arms (2 or 4 as required), 1034 5619 shoulder screw (2 or 4 as required), 1256 5289 nut (2 or 4 as required). Plus the appropriate side frame.

CENTRE BRACES (PLATE IV-20)



1 2 3 4

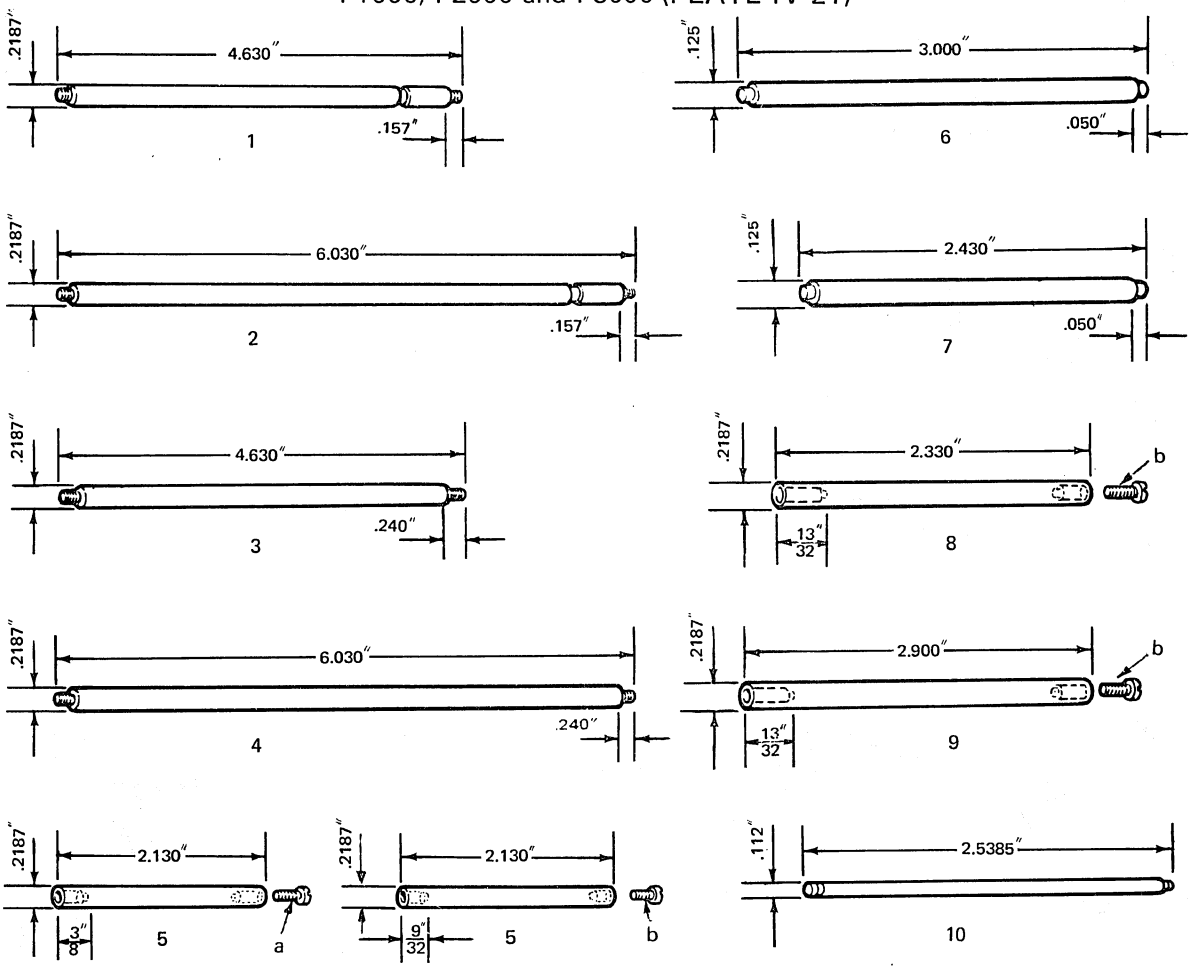
PART NUMBERS (PLATE IV-20)

REF.	PART NUMBER	DESCRIPTION
1	1014 9904	All Class 8 and 10, Series P100, P300, P1200, P1400, P2100, P2200, P3200, P3400 Machines
2	1016 9613	All Class 9, Series P200, P1300, P1300, P2200, P3300 Machines
3	1014 9912	Class 10 Three Register Machines
* 4	1032 9175	Series P400, P600, P5000 and P9000 Machines

* Note: Reference 3—This centre brace is for the improved adding pinion frame method of suspension (See PlateIV-12). If the brace has to be fitted to an accumulator which has the early pinned shaft assembly (See EK-1, PlateIV-14) then it is necessary to fit the following: Left-hand side frame (Refs. 4 through 8, PlateIV-19), 1032 9472 side arms (2 or 4 as required), 1034 5619 shoulder screw (2 or 4 as required), 1256 5289 nut (2 or 4 as required).

Accumulation

TIE SHAFTS, SPRING ANCHOR SHAFTS, CLASSES 8-9-10, SERIES P100, P200, P300, P1000, P2000 and P3000 (PLATE IV-21)

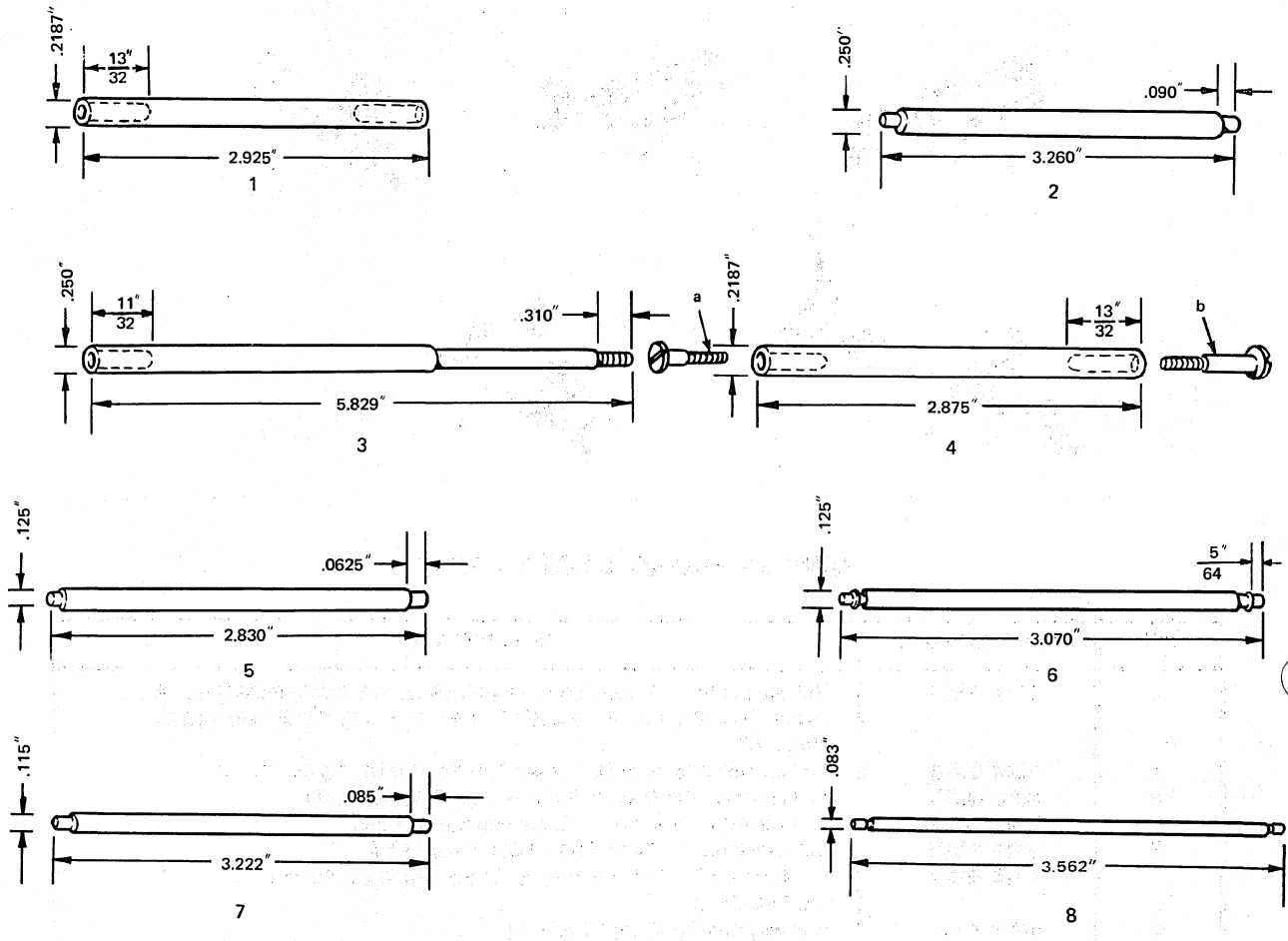


PART NUMBERS (PLATE IV-21)

REF.	PART NUMBER	DESCRIPTION
1	1014 8047	Tie shaft, upper, for Classes 8-9-10, Series P100, P200, P300, P1000, P2000 and P3000. Permits easy removal of back bail assemblies
2	1014 8054	Tie shaft, upper, for Class 9 Style 13. Permits easy removal of back bail assemblies
3	1014 8021	Tie shaft, lower, for Classes 8-9-10, Series P100, P200, P300, P1000, P2000 and P3000
4	1014 8039	Tie shaft, lower, for Class 9, Style 13
5	1014 8492	Tie shaft for centre brace, for Classes 8-10, P100, P300, P1200, P1400, P2100, P2300, P3200 and P3400
6	1016 9092	Spring anchor shaft for Class 9, Style 13. To support spring anchor containing last carry rack spring
7	1016 9084	Spring anchor shaft for Class 9, Series P200. To support spring anchor containing last carry rack spring
8	1016 9100	Tie shaft for centre brace, for Class 9, Series P200, P1300, P2200, P3300
9	1016 9118	Tie shaft for centre brace, for Class 9, Style 13
10	1014 8484	Spring anchor shaft for carry rack springs and P300, P1200, P1400, P2100, P2300, P3200 and P3400
(a)	1010 9981	Screw for shaft with $\frac{3}{8}$" deep hole
(b)	1011 0179	Screw for shaft with $\frac{9}{32}$" or $\frac{13}{32}$" deep hole.

Accumulation

TIE SHAFTS, SPRING ANCHOR SHAFTS—SERIES P400, P600, P5000 and P9000 MACHINES (PLATE IV-22)

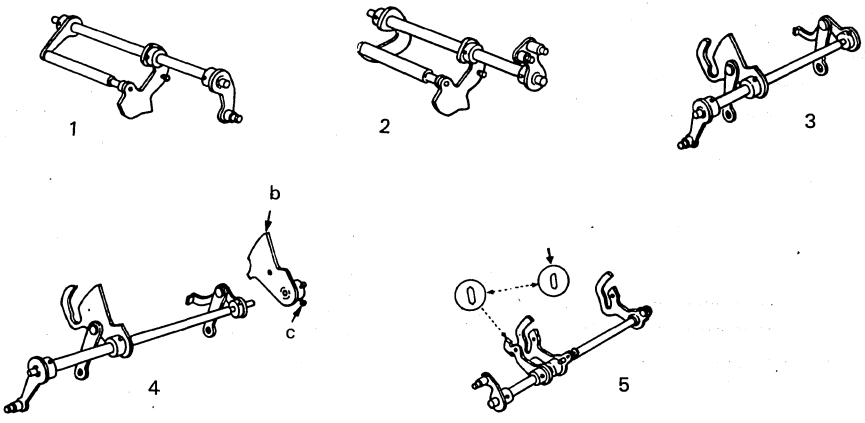


PART NUMBERS (PLATE IV-22)

REF.	PART NUMBER	DESCRIPTION
1	1015 9804	Tie shaft, upper-lower-centre (adding styles). Centre and lower (book-keeping styles)
2	1015 9796	Shaft for carry rack reset
3	1019 3951	Tie shaft between right and left side frames and through centre brace
4	1015 9812	Tie shaft upper (book-keeping styles only)
5	1015 9747	Spring anchor shaft for carry pawl springs
6	1015 9788	Spring anchor shaft for carry rack or carry rack latch springs
7	1015 8160	Spring anchor shaft for hammer latch actuating springs (book-keeping styles)
8	1015 8186	Spring anchor shaft for cipher split springs
(a)	1010 9197	Screw
(b)	1018 0297	Screw

Accumulation

ACCUMULATOR CONTROL BAIL ASSEMBLIES, CLASSES 8-9-10, SERIES P100, P200, P300, P400, P600, P1000, P2000, P3000, P5000 and P9000 (PLATE IV-23)

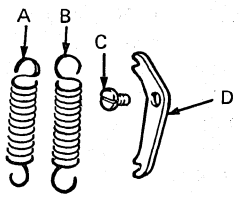


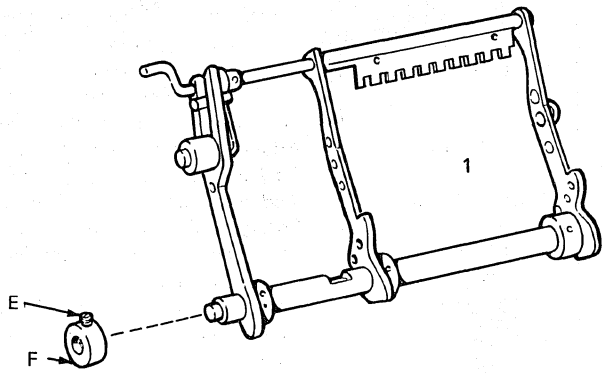
PART NUMBERS (PLATE IV-23)

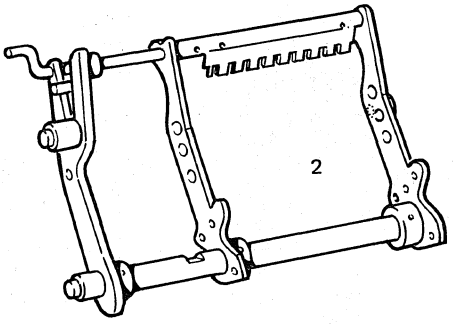
REF.	PART NUMBER	DESCRIPTION
1	1014 8385	Bail assembly for Class 8 and Class 10 (Reg. 'A'), P100, P300 (Reg. 'A'), P1200, P1400 (Reg. 'A'), P3200, P3400 (Reg. 'A'), P2100 and P2300 (Reg. 'A')
2	1014 8393	Bail assembly for Reg. 'B' Class 10, P300, P1400, P2300, P3400
3	1016 8888	Bail assembly for Class 9, P200, P1300, P2200, P3300
4	1016 8862	Bail assembly for Class 9, 13 column construction
5	1019 4330	Bail assembly for P400, P600, P5000 and P9000
	1014 8419	Not illustrated—Bail assembly for Three Reg. Class 10 construction, (See CF, Plate IV-3)
b	1016 9746	Auxiliary cam for Style 13 only
c	1010 3919	Screw for (b), 2 required

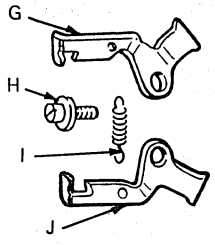
Accumulation

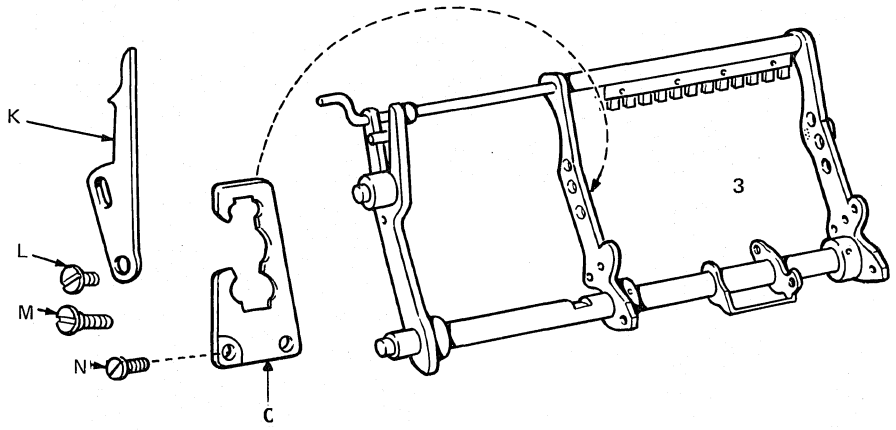
ADDING PINION FRAMES, CLASS 9, SERIES P200, P1300, P2200 AND P3300 (PLATE IV-24)











Part Numbers On Next Page

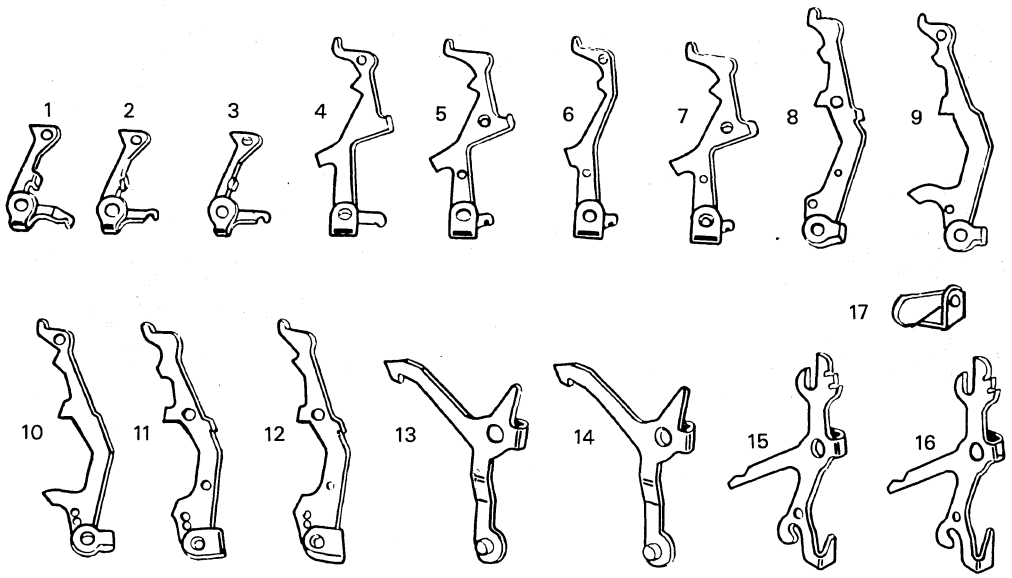
Accumulation

PART NUMBERS (PLATE IV-24)

REF.	PART NUMBER	DESCRIPTION
1	1016 8540	Adding pinion frame (shewn) for Class 9 and Series P200 double pinion construction (10 columns or less capacity). Provided with grooved stud for detent DO (PlateIV-5)
	1019 2490	Adding pinion frame for Class 9, P200, P1300, P2200 and P3300 machines Double pinion construction (10 columns or less capacity), direct minus balance mechanism or those machines not using detent DO (PlateIV-5)
2	1016 8557	Adding pinion frame for Class 9 and Series P200 fitted with total stop bail for $\frac{1}{8}$ fractions (column 1) and $\frac{1}{12}$ fractions (column 2)
3	1015 5083	Adding pinion frame for Class 9, 13 column construction
A	1017 1486	Spring used in addition to B on style 13 machines (copper plated)
B	1017 1478	Spring used for restoring adding pinion frame
C	1010 4214	Screw for shaft retainer
D	1016 9043	Shaft retainer for carry pawl and carry pawl latch shaft (early machines only). Clips 1255 3129 (4) used on later machines
E	1010 9643	Screw
F	1014 7510	Set collar
G	1017 0108	Latch (upper) for stud plate
H	1048 4632	Screw (shewn) used for machines with O.C.K. 7-0 mechanism
	1010 4248	Screw for machines without O.C.K. 7-0 mechanism
I	1044 2622	Spring
J	1017 0090	Latch (lower) for stud plate
K	1017 0116	Arm which operates total stop bail
L	1017 1379	Shoulder screw for K (10 column construction)
M	1017 1346	Shoulder screw for K (13 column construction)
N	1010 6102	Screw for O, use 1010 0469 nut
O	1019 5543	Limit plate for adding pinion shafts. Requires 1023 6941 brass spacer to left (on carry pawl latch shaft)

Accumulation

CARRY PAWLS, SERIES P MACHINES (PLATE IV-25)



PART NUMBERS (PLATE IV-25)

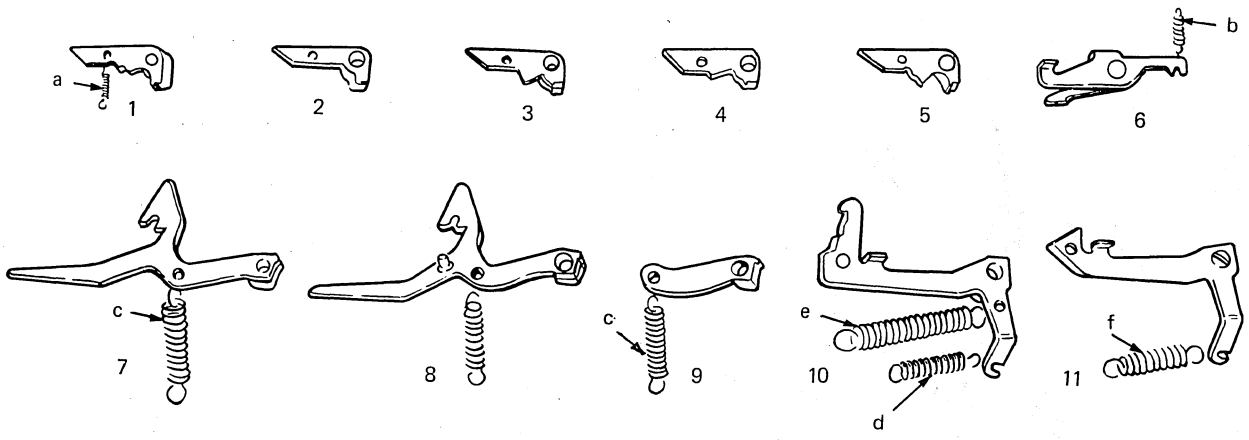
REF.	PART NUMBER	DESCRIPTION
1	1014 8575	Carry pawl—Class 10 three register machines, for registers 'B' and 'C'
2	1014 8559	Carry pawl—Classes 8-10, Series P200, P300, P1200, P1400, P2100, P2300, P3200 and P3400 for regular 10 pitch columns
3	1014 8567	Carry pawl—Classes 8-10 Series P100, P200 for $\frac{1}{16}$ fractions
4 thru 7	— — — —	No longer available
* 8	1019 2680	Carry pawl—Class 9, P200, P1300, P2200, P3300, for regular 10 pitch columns
* 9	1019 2698	Carry pawl—Class 9, P200, P1300, P2200, P3300, for extreme left column of 7 or 8 column capacity
* 10	1019 2706	Carry pawl—Class 9, P200, P1300, P2200, P3300, for extreme left column of 10 or 13 column capacity
* 11	1019 2649	Carry pawl—Class 9, P200, P1300, P2200, for $\frac{1}{8}$ fractions
* 12	1019 2631	Carry pawl—Class 9, P200, P1300, P2000, for $\frac{1}{12}$ fractions
† 13	1015 9861	Carry pawl, upper—Series P400, P600, P5000 and P9000, for regular 10 pitch columns
† 14	1015 9895	Carry pawl, upper—Series P400, P600, P5000 and P9000, for $\frac{1}{12}$ fractions
† 15	1015 9887	Carry pawl, lower—Series P400, P600, P5000 and P9000, for regular 10 pitch columns
† 16	1019 4470	Carry pawl, lower—Series P400, P600, P5000 and P9000, for $\frac{1}{12}$ fractions
17	1016 9167	Carry pawl guide—Class 9, P200, P1300, P2200, attached to left-hand side member of pinion frame by 1010 5377 screw

*Note: References 8 through 12—these pawls must be used with the new style adding pinions on lower shaft only

†Note: References 13 through 15—these pawls require guide combs AP and AL, PlateIV-13

Accumulation

CARRY PAWL LATCHES, SERIES P MACHINES (PLATE IV-26)

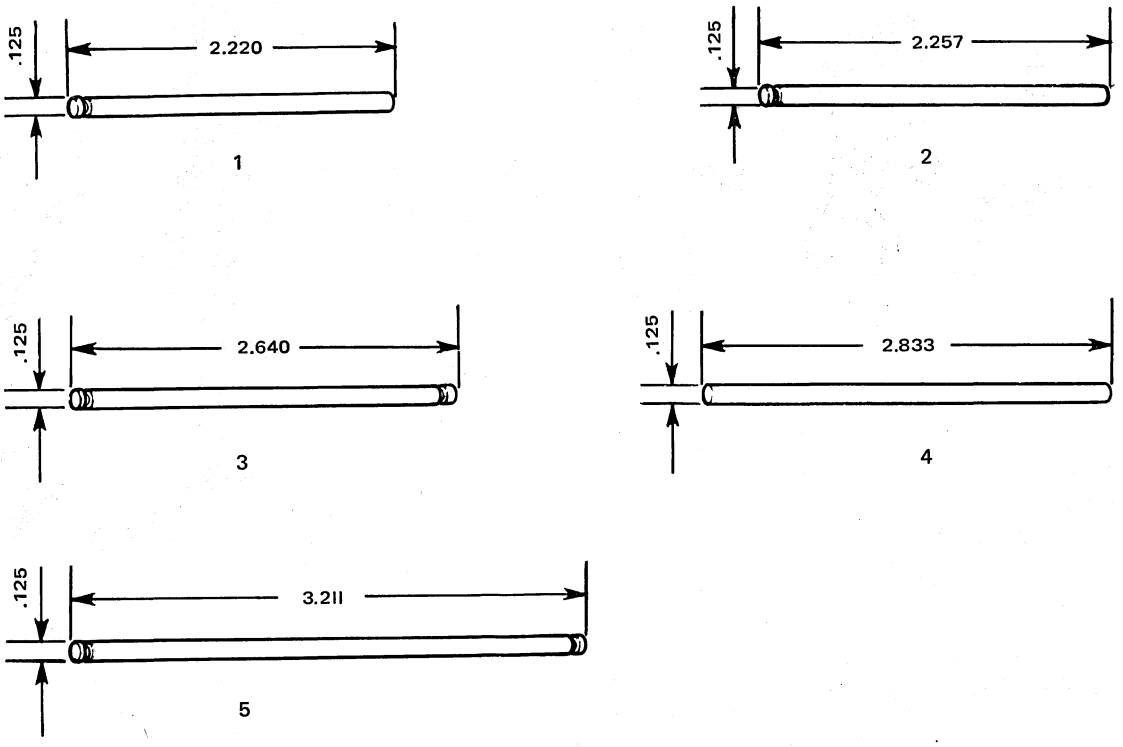


PART NUMBERS (PLATE IV-26)

REF.	PART NUMBER	DESCRIPTION
1	1014 8583	Carry pawl latch—Class 8-10, Series P100, P300, P1200, P1400, P2100, P2300, P3200 and P3400
2	— — — —	No longer required, use Ref. 3
3	1014 8591	Carry pawl latch—Class 8-10, Series P100, P300, P1200, P1400, P2100, P2300, P3200 and P3400. Used in last column
4	1014 8609	Carry pawl latch—Class 8-10, Series P100, P300. Used in last column (Indian Currency)
5	1014 8617	Carry pawl latch—Class 8-10, Series P100, P300. Used in column 3 (Indian Currency) and for $\frac{1}{16}$ fractions
6	1015 9903	Carry pawl latch—Series P400, P600, P5000, P9000
7-8-9		Refs. 7-8-9 No longer available
10	1019 2714	Carry pawl latch—Class 9, Series P200, P1300, P2200, P3300
11		No longer available
a	1015 2247	Spring for latches Refs. 1, 3, 4 and 5
b	1026 9868	Spring for latch Ref. 6
c	1017 1460	Spring
d	1027 3092	Lower spring for latch Ref. 10
e	1027 3258	Upper spring for latch Ref. 10
f	1017 1411	Spring

Accumulation

CARRY PAWL AND CARRY PAWL LATCH SHAFTS, SERIES P MACHINES (PLATE IV-27)

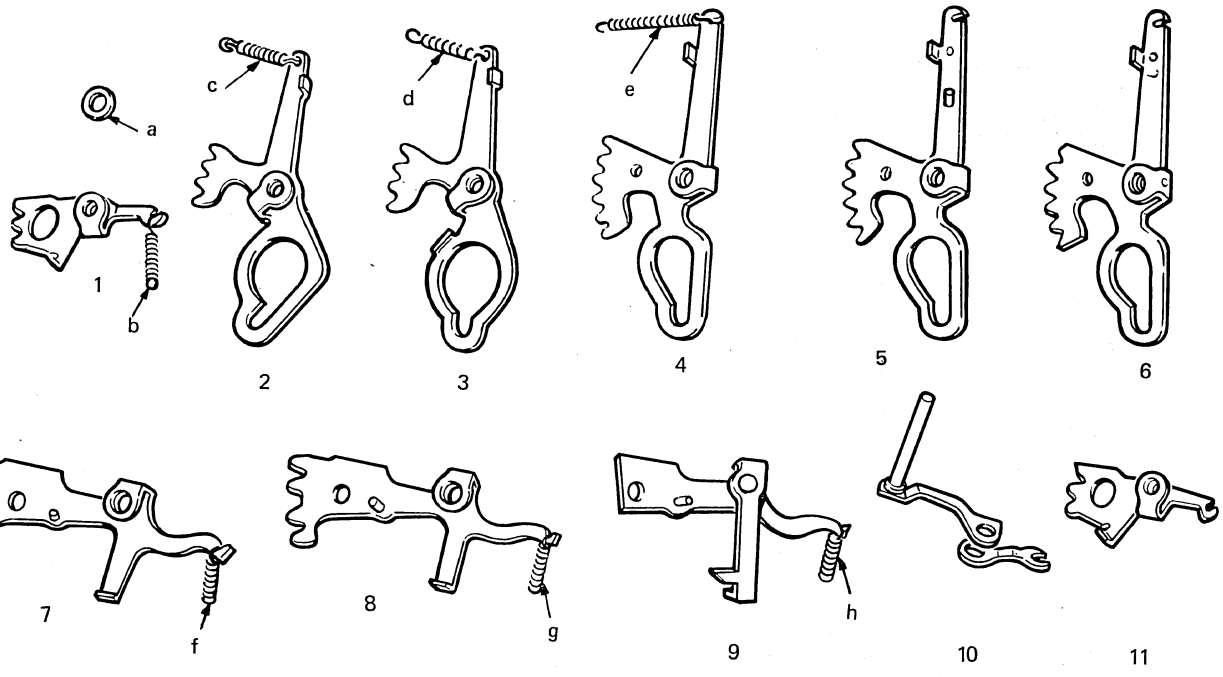


PART NUMBERS (PLATE IV-27)

REF.	PART NUMBER	DESCRIPTION
1	1014 8286	Shaft—Class 8-10, Series P100, P300, P1200, P1400, P2100, P2300, P3200 and P3400
2	— — — —	No longer available
3	1016 9043	Shaft—Class 9, P200, P1300, P2200, P3300 (10 column construction). Use 1255 3129 clips
4	1015 9754	Shaft—Series P400, P600, P5000 and P9000
5	1016 9050	Shaft—Class 9, 13 column construction. Use 1255 3129 clips

Accumulation

CARRY RACKS–TENTHS, SERIES P MACHINES (PLATE IV-28)



PART NUMBERS (PLATE IV-28)

REF.	PART NUMBER	DESCRIPTION
1	1014 8625	Carry rack—Classes 8-10, Series P100, P300, P1200, P1400, P2100, P2200, P3200 and P3400—regular
	— — — —	Refs. 2 and 3—No longer available
4	1019 2797	Carry rack—Class 9, P200, P1300, P2200, P3300—regular
5	1019 2748	Carry rack—Used only in first column of minus balance machines—Class 9, P200, P1300, P2200
6	1019 2771	Carry rack—Used in last column of reduced capacity machines, fitted with roller to operate fugitive one bail—Class 9, P200, P1300, P2200, Direct minus balance
	1019 2789	Carry rack—Used in last column of 10 column capacity or 13 column capacity machine, fitted with roller to operate fugitive one bail—Class 9, P200, P1300, P2200, direct minus balance
7	1015 9937	Carry rack—Series P400, P600, P5000 and P9000—regular
8	1015 9945	Carry rack—Series P400, P600, P5000 and P9000—used in column 1 (copper plated with longer stud)
9	1019 4496	Carry rack—Series P400, P600, P5000 and P9000—used in addition to last column to operate fugitive one bail For machines with early carry rack and with less than 13 column capacity use 1019 4496 carry rack (shewn), 1016 0075 latch, 1027 7549, spring for rack, 1027 2805 spring and 1026 9421 spring on left side For machines with early carry rack and with 13 column capacity use: 1019 4496 carry rack (shewn), 1019 4504 fugitive one bail, 1016 0075 latch, and 1013 3098, 1027 7564, 1027 7549 springs and 1026 9421 spring on left side

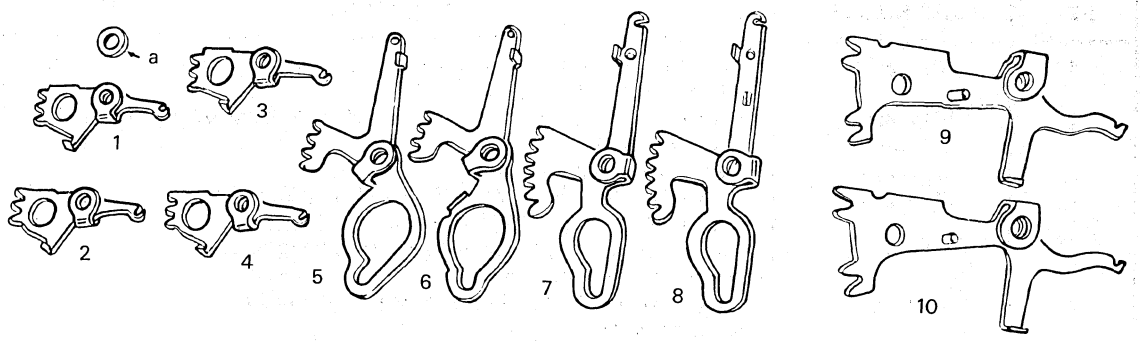
Part Numbers Continued On Next Page

Accumulation

PART NUMBERS (PLATE IV-28) continued

REF.	PART NUMBER	DESCRIPTION
10	1015 9994	Coupler—Series P400, P600, P5000 and P9000—used to right of column one
	1045 8107	Coupler—Series P600, used in first column of machines with characters in column one
11	1014 8690	Carry rack—Class 10 three register machines, used in registers 'B' and 'C'
a	1017 1510	Collar used in 'U' form of carry rack Ref. 1 to limit overthrow of carry rack latch
b	1015 2239	Spring for carry racks Refs. 1 and 11
c	1044 1426	Spring for non-available rack
d	1321 8417	Spring for non-available rack
e	1017 1494	Spring for carry rack Refs. 4 and 5
f	1026 9421	Spring for carry rack Ref. 7
g	1013 3098	Spring for carry rack Ref. 8
h	1027 7549	Spring for rack Ref. 9

CARRY RACKS—TWELFTHS, SERIES P MACHINES (PLATE IV-29)

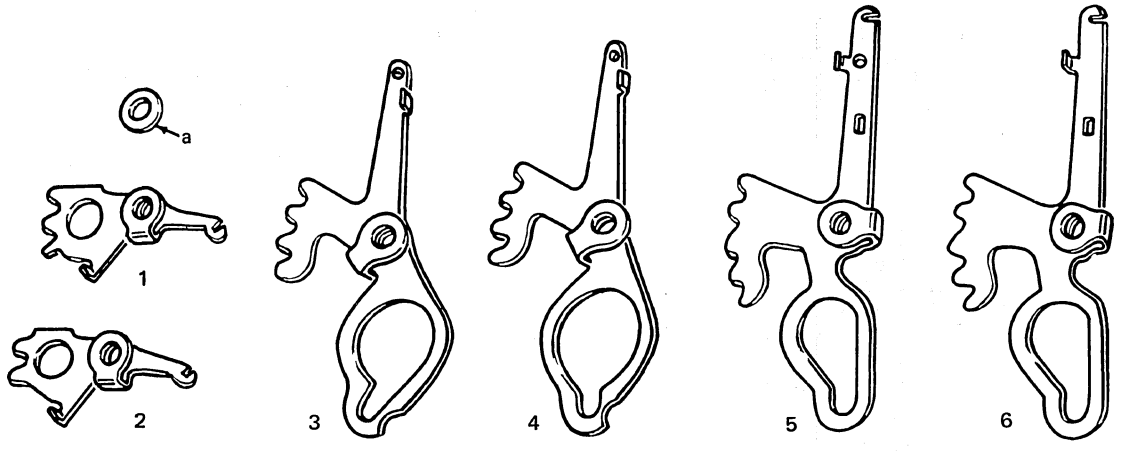


PART NUMBERS (PLATE IV-29)

REF.	PART NUMBER	DESCRIPTION
	— — — —	Refs. 1 and 2 not available
3	1014 8633	Carry rack—Class 8, Series P100, P1200, P2100 and P3200. Class 10, Series P300, P1400, P2300 and P3400 for Register 'A' only
4	1014 8641	Carry rack—Class 10, Series P300, P1400, P2300 and P3400 for Register 'B' only.
	— — — —	Refs. 5 and 6 not available
7	1019 2730	Carry rack—Class 9, Series P200, P1300, P2200 and P3300 (not used in first column of Minus Balance Machines)
8	1019 2763	Carry rack—Class 9, Series P200, P1300, P2200 (used only in first column of Minus Balance Machines)
9	1015 9978	Carry rack—Series P400, P600, P5000 and P9000—used in column 1 (black finish), long stud
10	1015 9960	Carry rack—Series P400, P600, P5000 and P9000—used in column 2 (black finish), short stud
a	1017 1510	Collar used in 'U' form of carry racks, Ref. 3 and 4 to limit overthrow of carry rack latch

Accumulation

CARRY RACKS—EIGHTHS, SERIES P MACHINES (PLATE IV-30)

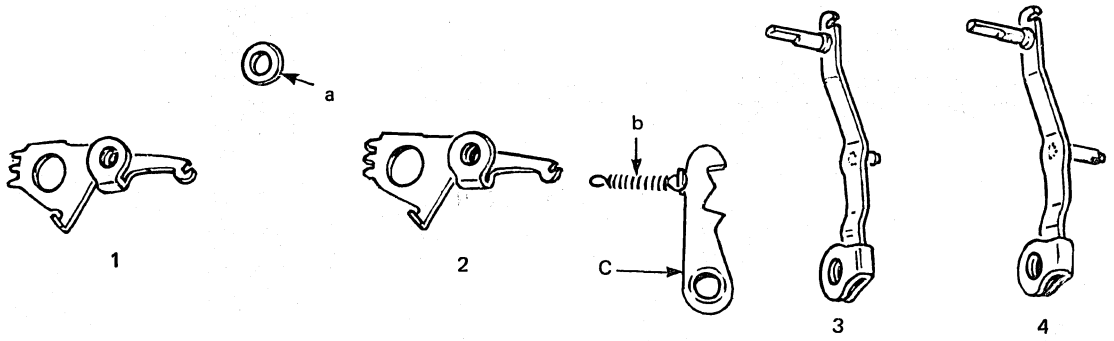


PART NUMBERS (PLATE IV-30)

REF.	PART NUMBER	DESCRIPTION
1	1014 8674	Carry rack—Class 8-10, Series P100, P300, P1200, P1400, P2100, P2300, P3200 and P3400, for Register 'A'
2	1014 8682	Carry rack—Class 10, Series P300, P1400, P2300, P3400, for Register 'B' (copper plated)
	— — — —	Refs. 3 and 4 Not available
5	1019 2722	Carry rack—Class 9, Series P200, P1300, P2200, P3300 (not used in first column of Minus Balance Machines)
6	1019 2755	Carry rack—Class 9, Series P200, P1300, P2200 (used in first column of Minus Balance Machines)
a	1017 1510	Collar used in 'U' form of carry racks Refs. 1 and 2 to limit overthrow of carry rack latch

Accumulation

CARRY RACKS–SIXTEENTHS; POSITIONING ARMS FOR FUGITIVE ONE LIFT ARMS, SERIES P MACHINES (PLATE IV-31)



PART NUMBERS (PLATE IV-31)

CARRY RACKS

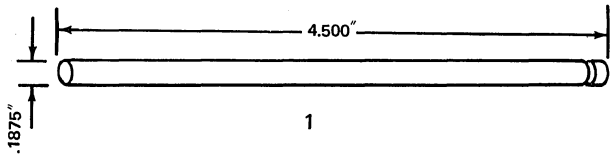
REF.	PART NUMBER	DESCRIPTION
1	1014 8658	Carry rack—Class 8-10, Series P100, P300, P1200, P1400, P2100, P2300, P3200 and P3400 for Register 'A'
2	1014 8666	Carry rack—Class 10, P300, P1400, P2300 and P3400 for Register 'B'
a	1017 1510	Collar used in 'U' form of carry racks Refs. 1-2 to limit overthrow of carry rack latch

POSITIONING ARMS FOR FUGITIVE ONE LIFT ARMS

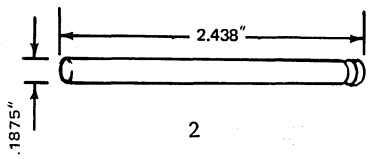
REF.	PART NUMBER	DESCRIPTION
3	1016 9845	Arm for positioning lift arms—Class 9, P200, P1300, P2200 Minus Balance Machines. Use spring 1027 6863
4	1015 9713	Arm for positioning lift arms—Class 9, P200, P1300, P2200 Minus Balance Machines with non-accumulative column 1. Use spring 1027 6863
b	1017 1445	Spring for detent
c	1017 0124	Detent

Accumulation

CARRY RACK SHAFTS, SERIES P MACHINES (PLATE IV-32)



1



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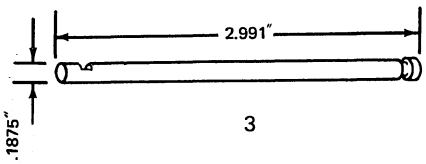

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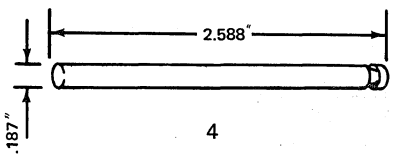

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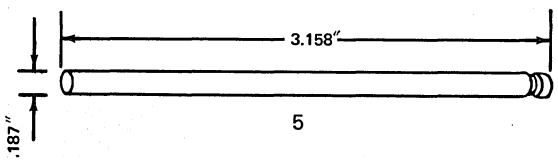

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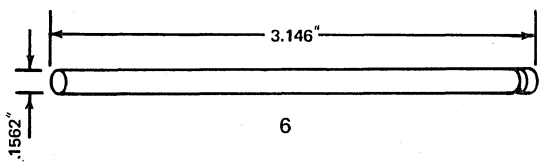


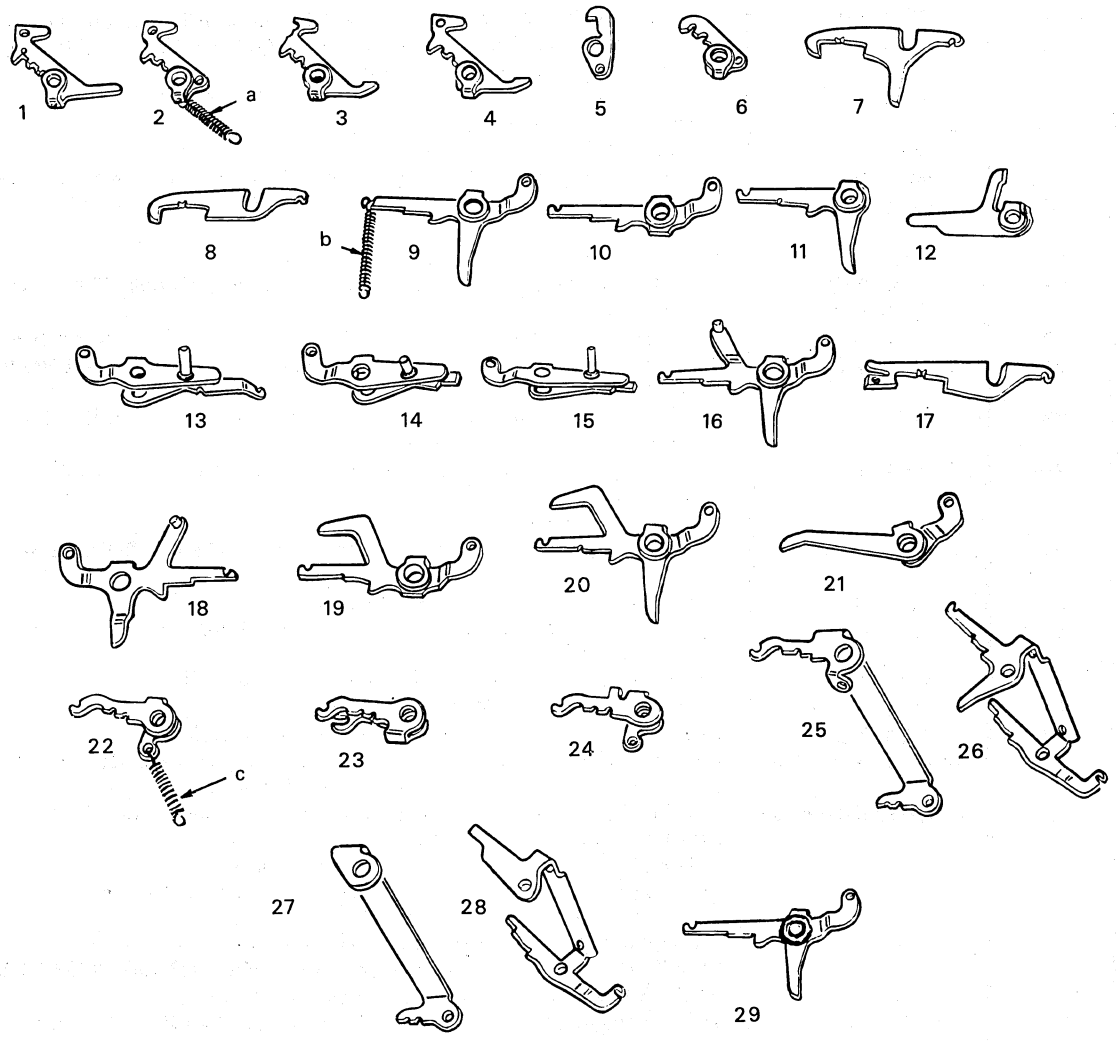
6

PART NUMBERS (PLATE IV-32)

REF.	PART NUMBER	DESCRIPTION
1	— — — —	No longer available
2	1019 2615	Shaft for Class 8-10, Series P100, P300, P1200, P1400, P2100, P2300, P3200 and P3400
3	— — — —	No longer available
4	1016 9068	Shaft for Class 9, P200, P1300, P2200, P3300 (10 column construction)
5	1016 9076	Shaft for Class 9, 13 column construction
6	1015 9713	Shaft for Series P400, P600, P5000, P9000

Accumulation

CARRY RACK LATCHES–TENTHS, SERIES P MACHINES (PLATE IV-33)



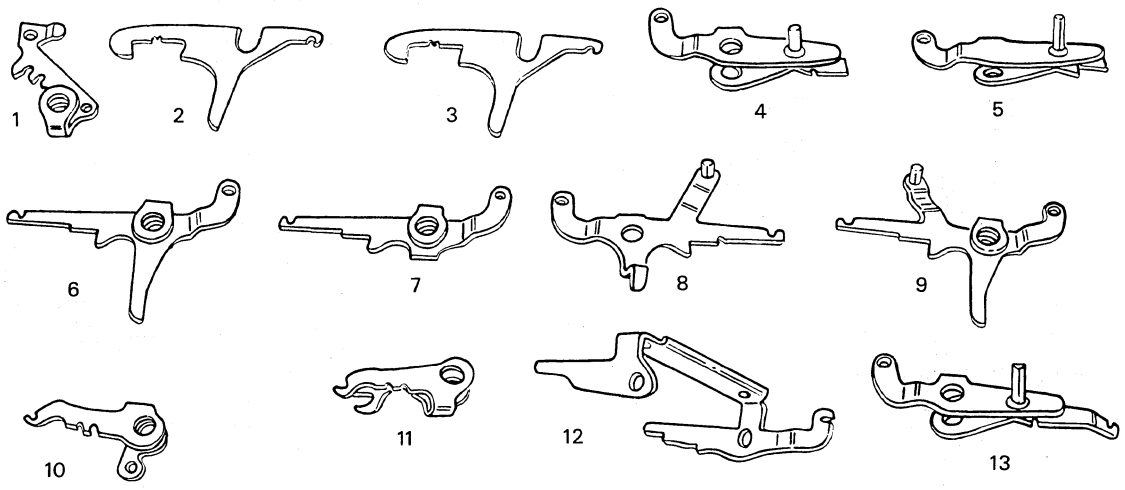
Part Numbers On Next Page

Accumulation
PART NUMBERS (PLATE IV-33)

REF.	PART NUMBER	DESCRIPTION
1	1014 8781	Carry rack latch for Class 10 three register machines, used in Registers 'B' and 'C'
2	1014 8708	Carry rack latch for Class 8-10, Series P100, P300, P2100, P2300, P3200 and P3400, Register 'A'
3	1014 8740	Carry rack latch for Class 8-10, Series P100, P300, P2100, P2300, P3200 and P3400 with Automatic Count
4	1014 8757	Carry rack latch for Class 8-10, Series P100, P300 with Date, Count and Normal
5	1014 8765	Carry rack latch for Class 8-10, Series P100, P300, P2100, P2300, P3200, P3400—used in extreme right column
6	1014 8773	Carry rack latch for Class 8-10, Series P100, P300, P2100, P2300, P3200, P3400—for Permanent Split
	— — — —	Refs. 7 and 8—No longer available
9	1019 2805	Carry rack latch for Class 9, P200, P1300, P2200 and P3300—regular columns
10	1019 2847	Carry rack latch for Class 9, P200, P1300, P2200 and P3300—not Minus Balance
11	1019 2854	Carry rack latch for Class 9, P200—Minus Balance
12	1019 2888 or 1220 0986	Operator for bridged latch when capacity is reduced—Class 9, P200, P1300, P2200—Direct Minus Balance
13	1019 2813	Latch used in column 1—Class 9, P200, P1300, P2200—Direct Minus Balance
14	1043 9693	Latch used in first column, machines with characters in column 1—Class 9, Series P200 Minus Balance
15	1016 9316	Latch fitted to right of latch, Ref. 16 raised by depression of O.C.K. 7-0—Class 9, Series P200 Minus Balance
16	1016 9191	Latch used in first column (left of latch, Ref. 15)—Class 9, Series P200 Minus Balance
	— — — —	Ref. 17—No longer available
18	1043 9677	Latch used in first column, characters in column 1—Class 9, Series P200 Minus Balance
19	1019 2821	Latch used for Automatic Count—Class 9 and Series P200
20	1019 2839	Latch used for Date, Count and Normal; or Split, Count and Normal—Class 9 and Series P200
21	1016 9209	Spring anchor only, used on extreme left—Class 9 and P200 Minus Balance
22	1016 0075	Latch, regular—Series P400, P600, P5000, P9000
23	1016 0091	Latch for column 1—Series P400, P600, P5000, P9000
24	Part shown is obsolete	Use Ref. 22 latch when latch (shown) is replaced, plus 1019 4496 rack, 1027 7549 spring, 1027 2805 spring, 1026 9421 spring
25	Part shown is obsolete	Use Ref. 27 bail when bail (shewn) is replaced, plus the following: When machine has 13 column capacity— 1016 0075 latch, 1019 4496 carry rack, 1013 3098 1027 7564, 1027 7549 springs and 1026 9421 spring on left side When machine has less than 13 column capacity 1016 0075 latch, 1019 4496 carry rack, 1013 3098, 1027 7564, 1027 7549, 1027 2805 springs and 1026 9421 spring on left side
26	1019 2896	Bail extends from column 1 through 10—class 9, series P200 with direct minus balance (early)
27	1019 4504	Bail extends from column 1 through 13—Series P400, P600, P5000 and P9000
28	1220 1018	Bail extends from column 1 through 10—Class 9, Series P200 with Direct Minus Balance (late)
	1220 0994	Bail extends from column 1 through 13—Class 9, Style 13, Direct Minus Balance (late)
29	1019 2870	Carry rack latch (hub is shorter than regular 'U' form), holds carry rack Ref. 6, PlateIV-28, extreme left
a	1015 2262	Spring for carry rack latches Refs. 1 through 4
b	1017 1411	Spring for carry rack latches and for 'U' form of carry rack
c	1027 7564	Spring for carry rack latch

Accumulation

CARRY RACK LATCHES–TWELFTHS, SERIES P MACHINES (PLATE IV-34)

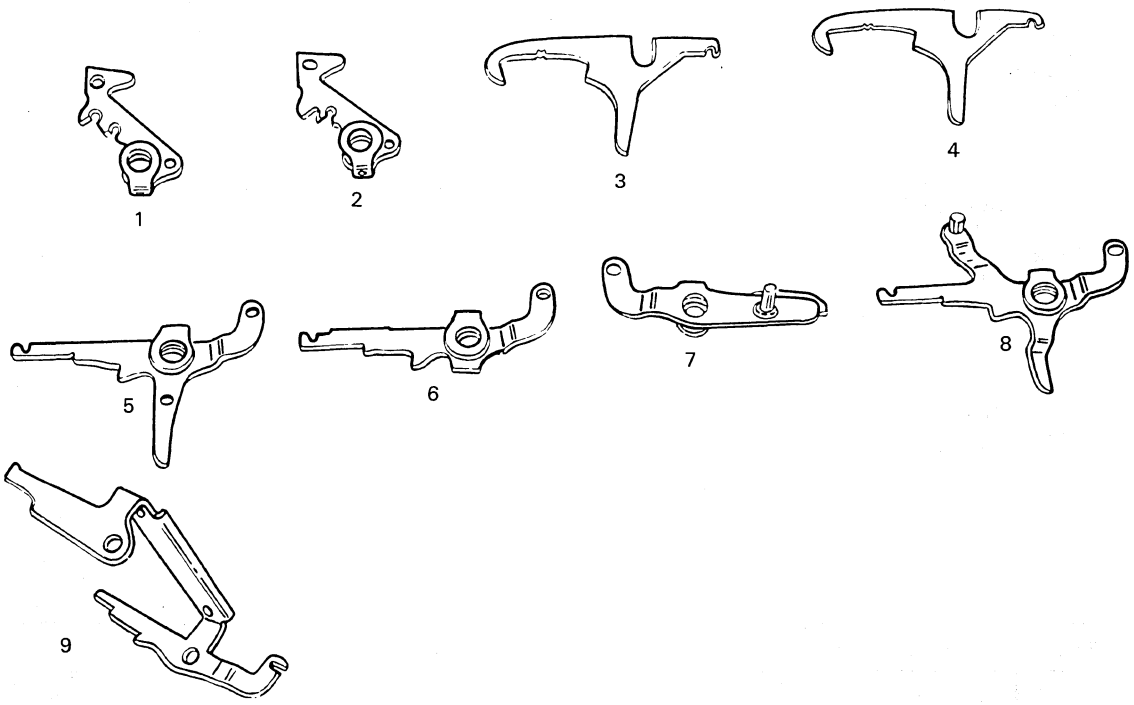


PART NUMBERS (PLATE IV-34)

REF.	PART NUMBER	DESCRIPTION
1	1014 8724	Carry rack latch—Class 8-10, P100, P300, P1200, P1400, P2100, P2300, P3200, P3400 for $\frac{1}{12}$ fractions
	– – – –	Refs. 2 and 3—No longer available
4	1016 9225	Latch—Class 9 and Series P200, Minus Balance with $\frac{1}{12}$ fractions in columns 1 and 2
5	1016 9217	Latch—Class 9 and Series P200, Minus Balance with L.S.D.& F.also Style 10 or 13 machines with L.S.D. Use 1027 6863 spring
6	1016 9274	Carry rack latch for 12 pitch rack—Class 9 and Series P200
	– – – –	Ref. 7—No longer available
8	1043 9602	Latch—Class 9 and Series P200, Minus Balance with $\frac{1}{12}$ fractions in columns 1 and 2
9	1043 9602	Latch—Class 9 and Series P200, Minus Balance with L.S.D. & F., also Style 10 or 13 with L.S.D.
10	1016 0018	Carry rack latch—Series P400, P600, P5000, P9000, used in column 2 ($\frac{1}{12}$ fractions columns 1 and 2)
11	1016 0026	Carry rack latch—Series P400, P600, P5000 and P9000, used in column 1 ($\frac{1}{12}$ fractions column 1 or columns 1 and 2)
12	1019 2904	Bail extends from column 1 through 10—Class 9 and Series P200 Direct Minus Balance
	1227 0567	Bail extends from column 1 through 13—Class 9 Style 13 Machines Direct Minus Balance
13	1016 9258	Latch—Class 9 and Series P200, Direct Minus Balance, $\frac{1}{12}$ fractions column 1 or columns 1 and 2
14	1016 9266	Latch (not illustrated, but similar to Ref. 13, but with wider 'U' form)—Class 9 and Series P200, $\frac{1}{12}$ fractions in column 2 and non-accumulative column 1

Accumulation

CARRY RACK LATCHES–EIGHTHS OR SIXTEENTHS, SERIES P MACHINES (PLATE IV-35)

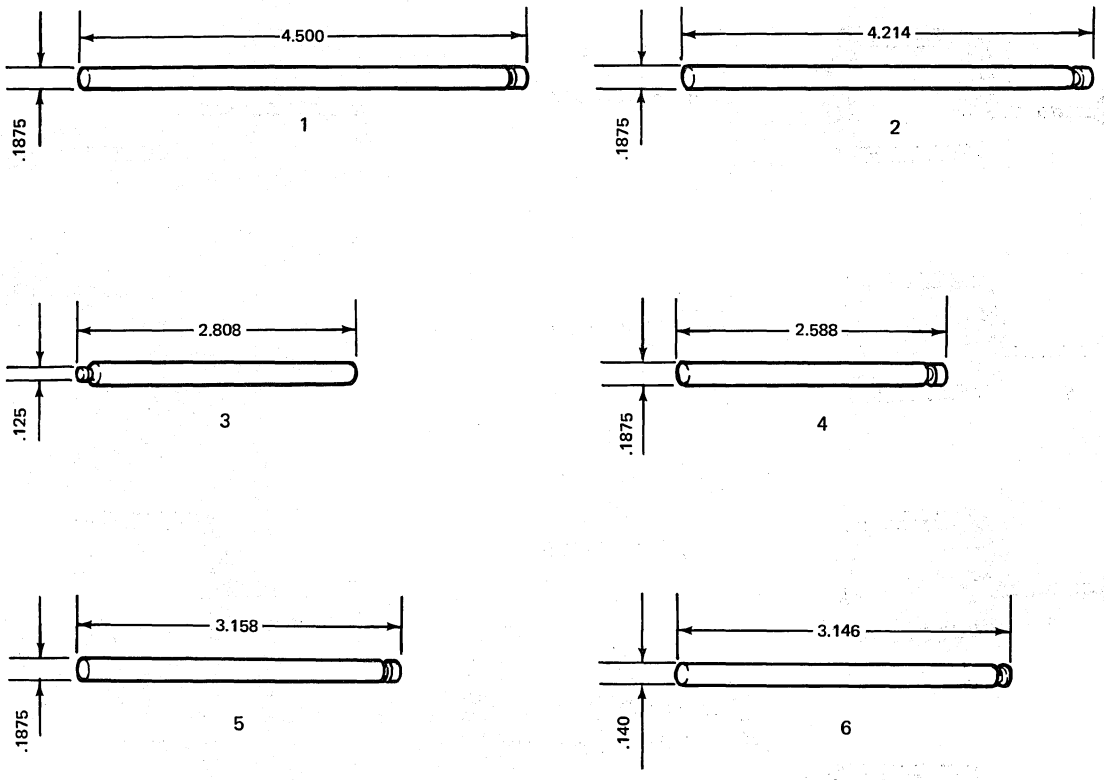


PART NUMBERS (PLATE IV-35)

REF.	PART NUMBER	DESCRIPTION
1	1014 8732	Carry rack latch—Class 8-10, Series P100, P300, P1200, P1400, P2100 and P2300, $\frac{1}{8}$ fractions
2	1014 8716	Carry rack latch—Class 8-10, Series P100, P300, P1200, P1400, P2100 and P2300, $\frac{1}{16}$ fractions
	— — — —	Refs. 3 and 4—No longer available
5	1016 9308	Latch—Class 9, Series P200 with or without Minus Balance, having Hours and Minute Feature
	— — — —	Ref. 6—No longer available
7	1016 9282	Latch—Class 9, Series P200, $\frac{1}{8}$ fractions column 1
8	1016 9290	Latch—Class 9, Series P200, $\frac{1}{8}$ fractions column 1
9	1019 2862	Bail extends from column 1 through 10. Class 9 and Series P200 Direct Minus Balance
10	1019 4504	Fugitive one bail—Series P400, P600 (similar in outline to Ref. 27, PlateIV-33)

Accumulation

CARRY RACK LATCH SHAFTS, SERIES P MACHINES (PLATE IV-36)

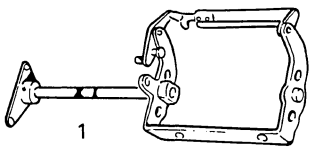


PART NUMBERS (PLATE IV-36)

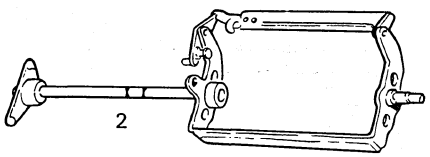
REF.	PART NUMBER	DESCRIPTION
1	1014 8351	Shaft—Class 8, Series P100, P1200, P2100, P3200 and also Register 'A' for Class 10, Series P300, P1400, P2300, P3400. Carried by right and left side frames and supported by centre brace
2	1014 8369	Shaft—Register 'A', Class 10 machines with extended total in Register 'B' only and cash drawer opening mechanism
3	1014 8450	Shaft—Register 'B', Class 10, P300, P1400, P2300 and P3400
4	1016 9068	Shaft—Class 9, Series P200, P1300, P2200 and P3300
5	1016 9076	Shaft—Class 9, Style 13 machine
6	1015 9770	Shaft—Series P400, P600, P5000 and P9000

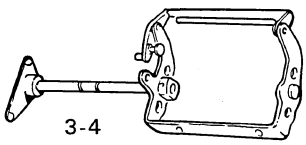
Accumulation

TUMBLING FRAMES FOR CLASS 9, SERIES P200, P1300, P2200 AND P3300 MACHINES (PLATE IV-37)

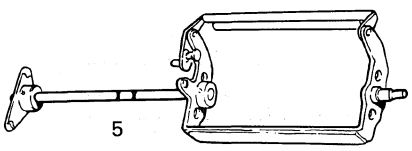


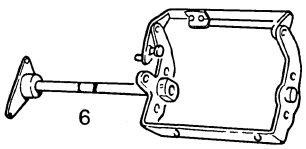
1/8 FRACTIONS



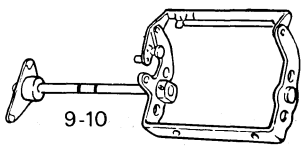


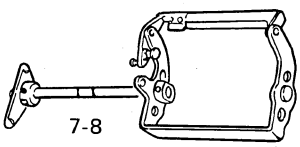
1/10 FRACTIONS

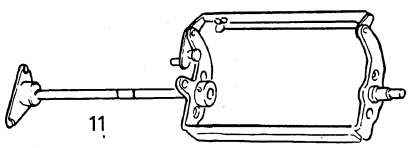


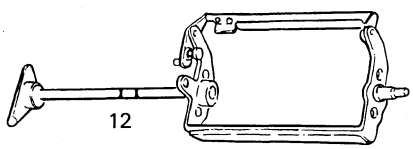


1/12 FRACTIONS

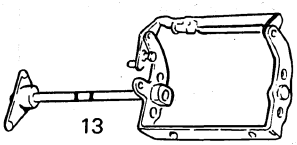


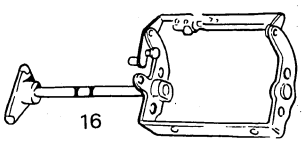


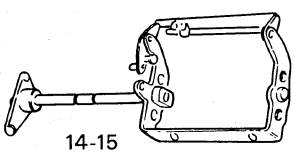


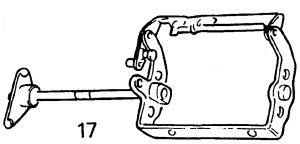


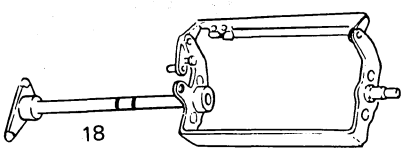
MIXED FRACTIONS











Part Numbers On Next Page

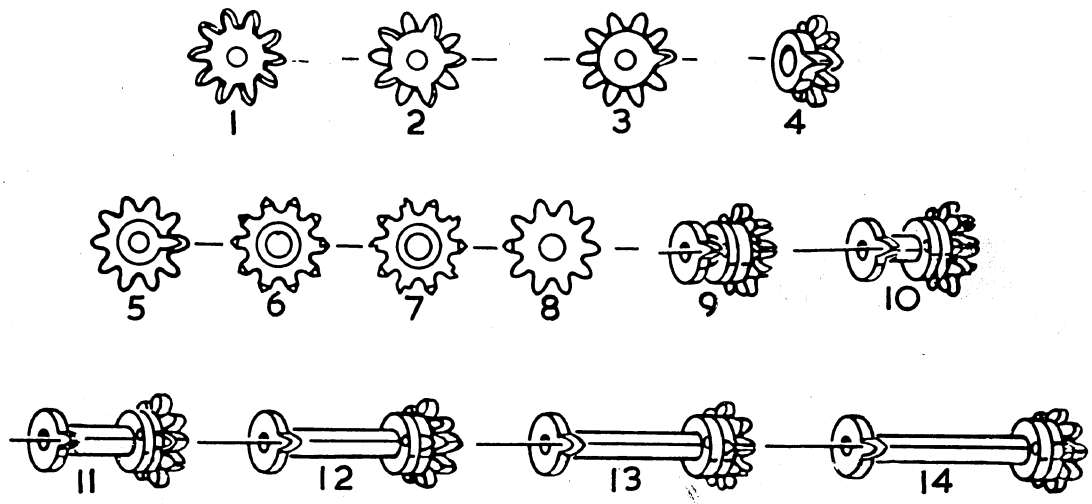
Accumulation

PART NUMBERS (PLATE IV-37)

REF.	PART NUMBER	DESCRIPTION
1	1019 3738	Tumbling frame—Style 10 with $\frac{1}{8}$ fraction in column 1, for large diameter adding pinion shaft. Use 1019 3738 and 1019 2516 on machines before P305680D
2	1019 3720	Tumbling frame—Style 13 with $\frac{1}{8}$ fraction in column 1, for large diameter adding pinion shaft. Use 1019 3720 and 1019 2524 on machines before P305680D
3	— — — —	Ref. 3—No longer available (small diameter adding pinion shafts)
4	1016 8953	Tumbling frame—Styles 8 and 10 with $\frac{1}{10}$ fractions for large diameter adding pinion shafts
5	1016 9001	Tumbling frame—Style 13 with $\frac{1}{10}$ fractions, for large diameter adding pinion shafts
	— — — —	Refs. 6, 7 and 9—No longer available (small diameter adding pinion shafts)
8	1016 8961	Tumbling frame—Style 10 with $\frac{1}{12}$ fractions in pence and farthings columns, large diameter pinion shafts
10	1016 8987	Tumbling frame—Style 10 with $\frac{1}{12}$ fraction in pence column, large diameter pinion shafts
11	1016 9027	Tumbling frame—Style 13 with $\frac{1}{12}$ fraction in pence column, large diameter pinion shafts
12	1016 9019	Tumbling frame—Style 13 with $\frac{1}{12}$ fractions in pence and farthings columns, large diameter pinion shafts
13	1019 3753	Tumbling frame—Style 10 with $\frac{1}{8}$ fraction in column 1 and $\frac{1}{12}$ fraction in column 2, for large diameter adding pinion shafts. Use 1019 3753 and 1019 2540 on machines before P305680D
	— — — —	Refs. 14 and 15—No longer available
16	1019 3746	Tumbling frame—Style 10 with Hours and Minutes and $\frac{1}{8}$ fractions in column 3, for large diameter adding pinion shafts. Use 1019 3746 and 1019 2532 on machines before P305680D
17	1019 3761	Tumbling frame—Style 10 with $\frac{1}{12}$ fraction in column 1 and $\frac{1}{8}$ fraction in column 3, for large diameter adding pinion shafts. Use 1019 3761 and 1019 2557 on machines before P305680D
18	1016 9035	Tumbling frame—Style 13 with $\frac{1}{60}$ (1-59) fraction in columns 1 and 2, for large diameter adding pinion shafts

Accumulation

ADDING PINIONS - TENTHS, SERIES P MACHINES (Plate IV-38)



PART NUMBERS (Plate IV-38)

NOTE :
1. Adding pinions with hole for small diameter shaft no longer available.
2. Class 9, Series P200 Minus Balance machines are those machines equipped with O.C.K. 7-0 for release of the fugitive one.
3. Class 9, Series P200, P1300, P2200 Direct Minus Balance machines are those machines with fully automatic fugitive one mechanism.
4. ✲ Refs. 2, 3, 4, 9 through 15 - The lower pinion has a broad tooth profile which mates with the improved lower cam of the carry pawls, refs. 8, 9 and 10, Plate IV-25.

Ref.	Part Number	Description Of Pinions
1	1014 9573	For Register 'B', Class 10, Series P300, P1400, P2300, P3400 to prevent totalling in col. 10
2	1016 9407	For Class 8, 10, Series P100, P300, P1200, P1400, P2100, P2300, P3200, P3400 - col. 2, 1/20 fractions.
✲	1016 9407 1019 3555	Upper For Class 9, Series P200, P1300, P2200, P3300 - Lower col. 2, 1/20 fractions
3	1016 9530	For Class 8, 10, Series P100, P300, P1200, P1400, P2100 P2300, P3200, P3400 - Regular pinion
✲	1016 9530 1019 3647	Upper Lower For Class 9, Series P200, P1300, P2200, P3300

Chart Continued on Next Page

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Accumulation

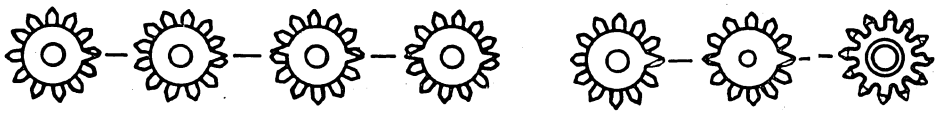
PART NUMBERS (Plate IV-38) - Continued

Ref.	Part Number	Description Of Pinions
4 ✲	1016 9522 ✓1216 9371	Upper For Class 9, Series 200 Minus Balance machines. Used Lower in extreme left Col. Styles 10 and 13 with full adding capacity
5	1019 3514	For Register 'A', Class 10 three register construction, col. 10 only
6	1016 0281	For upper and lower positions – Series P400, P600, P5000, P9000
	1215 2021	For Registers 'B' and 'C' – Series P600, P9000 three reg.
7	1016 0315	For upper and lower positions – Series P400, P600, P5000, P9000 Column 2, 1/20 fractions
	1215 2591	For Registers 'B' and 'C' – Series P600, P9000. Col. 2, 1/20 fractions
8	✓1814 9807	For Registers 'B' and 'C' – Class 10 three register machines
9 ✲	✓1216 9306 ✓1216 9355	Upper For Class 9, Series P200 Minus Balance machines. Used Lower to bridge 1 column to left
10 ✲	✓1216 9256 ✓1216 9363	Upper For Class 9, Series P200 Minus Balance machines. Used Lower to bridge 2 columns to left
11 ✲	✓1216 9264 ✓1216 9314	Upper For Class 9, Series P200 Minus Balance machines. Used Lower to bridge 3 columns to left
12 ✲	✓1216 9272 ✓1216 9322	Upper For Class 9, Series P200 Minus Balance machines. Used Lower to bridge 4 columns to left
13 ✲	✓1216 9280 ✓1216 9330	Upper For Class 9, Series P200 Minus Balance machines. Used Lower to bridge 5 columns to left
14 ✲	✓1216 9298 ✓1216 9348	Upper For Class 9, Series P200 Minus Balance machines. Used Lower to bridge 6 columns to left

Accumulation

ADDING PINIONS–TWELFTHS (PLATE IV-39)
(FOR LARGE DIAMETER PINION SHAFTS)

NOTE: Adding pinions with holes for early small diameter shaft are not available.



1 2 3 4 5 6 7

PART NUMBERS (PLATE IV-39)

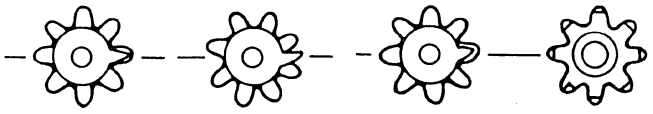
REF.	PART NUMBER	DESCRIPTION
1	1014 9532	Pinion—Class 8, Series P100, P1200, P2100, P3200; also Register 'A' Class 10, Series P300, P1400, P2300 and P3400
2	1014 9532	Pinion—Register 'B', Class 10, Series P300, P1400, P2300 and P3400
3	1014 9557	Pinion—Class 8, Series P100, P1200, P2100; also Register 'A' Class 10, Series P300, P1400 and P2300. For $\frac{1}{60}$ (1-59) fractions, Hour and Minute, or Lbs. and Bushels
4	1014 9565	Pinion—Register 'B' Class 10, Series P300, P1400 and P2300 For $\frac{1}{60}$ (1-59) fractions, Hour and Minute, or Lbs. and Bushels
5		Class 9, Series P200, P1300, P2200, P3300
	1044 0063	Upper Pinion
*	1019 3563	Lower Pinion
6		Class 9, Series P200, P1300, P2200
	1016 9480	Upper Pinion
*	1019 3654	Lower Pinion
		For $\frac{1}{60}$ (1-59) fractions, Hour and Minute, or Lbs. and Bushels
	1019 3654	Pinion (Upper and Lower)—Series P400, P600, P5000 and P9000
	1215 2609	Pinion—Registers 'B' and 'C', Series P600 and P9000 three register machines
	1019 3670	Pinion (Upper and Lower)—Series P400, P600, P5000 and P9000 For $\frac{1}{60}$ fractions (columns 1-2)

*Note: References 5 and 6 —The lower pinion is fitted with a modified broad tooth profile to suit the lower cam of carry pawl Ref. 12, Plate IV-25.

Accumulation

ADDING PINIONS–EIGHTHS (PLATE IV-40)
(FOR LARGE DIAMETER PINION SHAFTS)

NOTE: Adding pinions with holes for early small diameter shaft are not available.



1 2 3 4

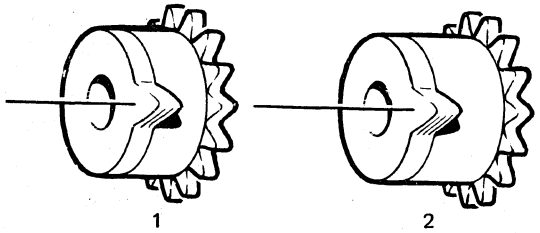
PART NUMBERS (PLATE IV-40)

REF.	PART NUMBER	DESCRIPTION
1	1014 9607	Pinion—Class 8, Series P100, P1200, P2100; also for Register 'A', Class 10, Series P300, P1400 and P2300
2	1014 9615	Pinion—Register 'B', Class 10, Series P300, P1400 and P2300 Class 9, Series P200, P1300, P2200
3	1016 9498	Upper Pinion
*	1019 3597	Lower Pinion
4	1016 0307	Pinion (Upper and Lower)—Series P400, P600, P5000 and P9000

*Note: Reference 3—The lower pinion is fitted with a modified broad tooth profile to suit the lower cam of carry pawl, Ref. 11, Plate IV-25.

ADDING PINIONS–SIXTEENTHS (PLATE IV-41)
(FOR LARGE DIAMETER PINION SHAFTS)

NOTE: Adding pinions with holes for early small diameter shaft are not available.



1 2

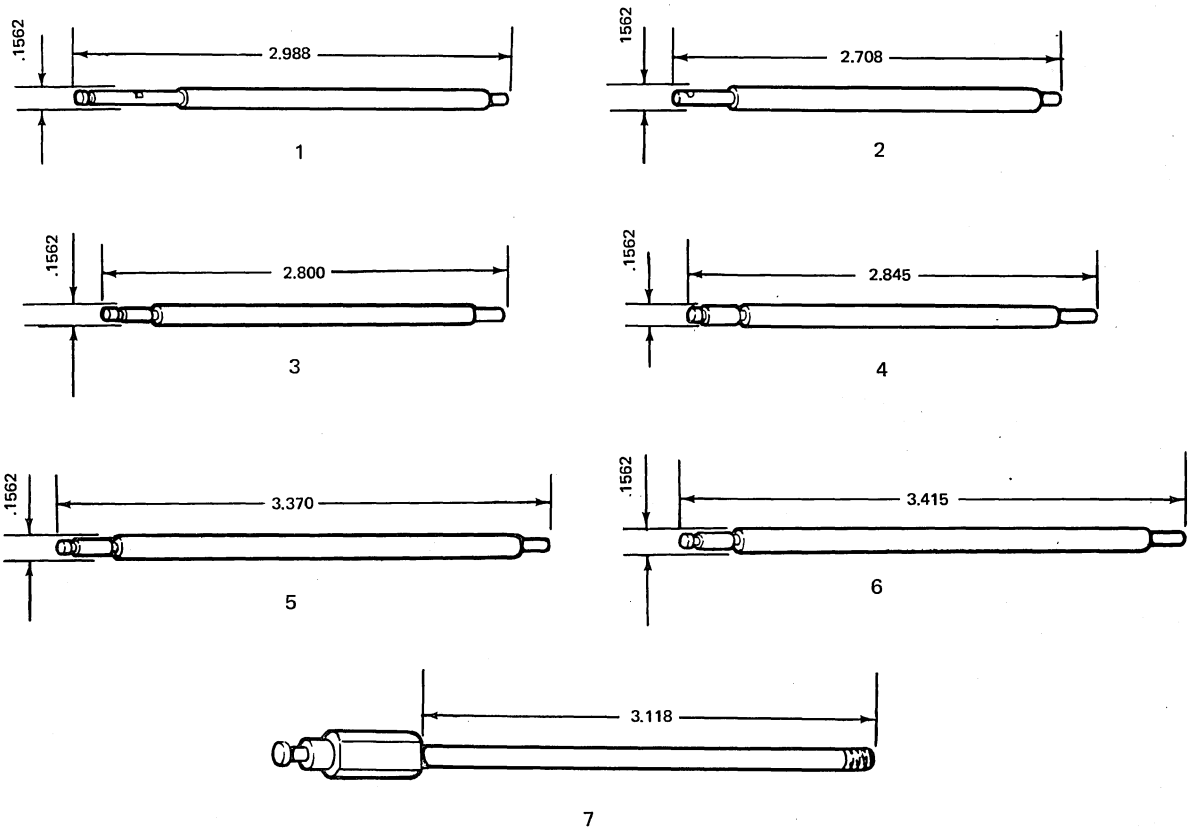
PART NUMBERS (PLATE IV-41)

REF.	PART NUMBER	DESCRIPTION
1	1014 9516	Pinion—Class 8 and Register 'A', Class 10
2	1014 9524	Pinion—Register 'B', Class 10

Accumulation

ADDING PINION SHAFTS, SERIES P MACHINES (PLATE IV-42)

NOTE: Shafts (small diameter) are no longer available.

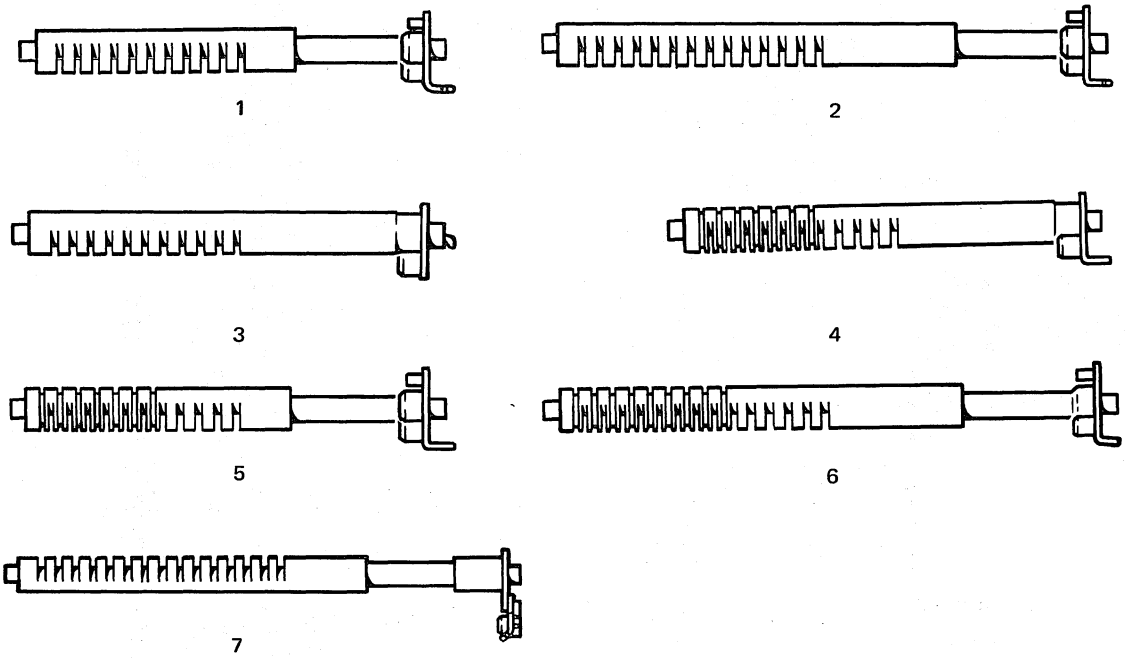


PART NUMBERS (PLATE IV-42)

REF.	PART NUMBER	DESCRIPTION
1	1014 8302	Shaft—Class 8, Series P100, P1200, P2200 and P3200; also Register 'A', Class 10, Series P300, P1400, P2300, P3400
2	1014 8310	Shaft—Register 'B', Class 10, Series P300, P1400, P2300 and P3400
3	1043 9065	Shaft (Upper position)—Class 9 and Series P200 before P265057D
	1016 8839	Shaft (Upper position)—Class 9, Series P200, after P265056D; also Series P1300, P2200 and P3300
4	1016 8839	Shaft (Lower position)—Class 9, Series P200, P1300, P2200 and P3300
5	1043 9057	Shaft (Upper position)—Class 9, Style 13, before P265057D
	1016 8821	Shaft (Upper position)—Class 9, Style 13 after P265057D
6	1016 8813	Shaft (Lower position)—Class 9, Style 13
7	1025 3573	Shaft (Upper and Lower)—Series P400, P600, P5000 and P9000
	1215 2153	Shaft—Registers 'B' and 'C'—Series P600 and P9000 three register construction (not illustrated)

Accumulation

ALIGNING SHAFTS—STANDARD TENTHS, SERIES P MACHINES (PLATE IV-43)



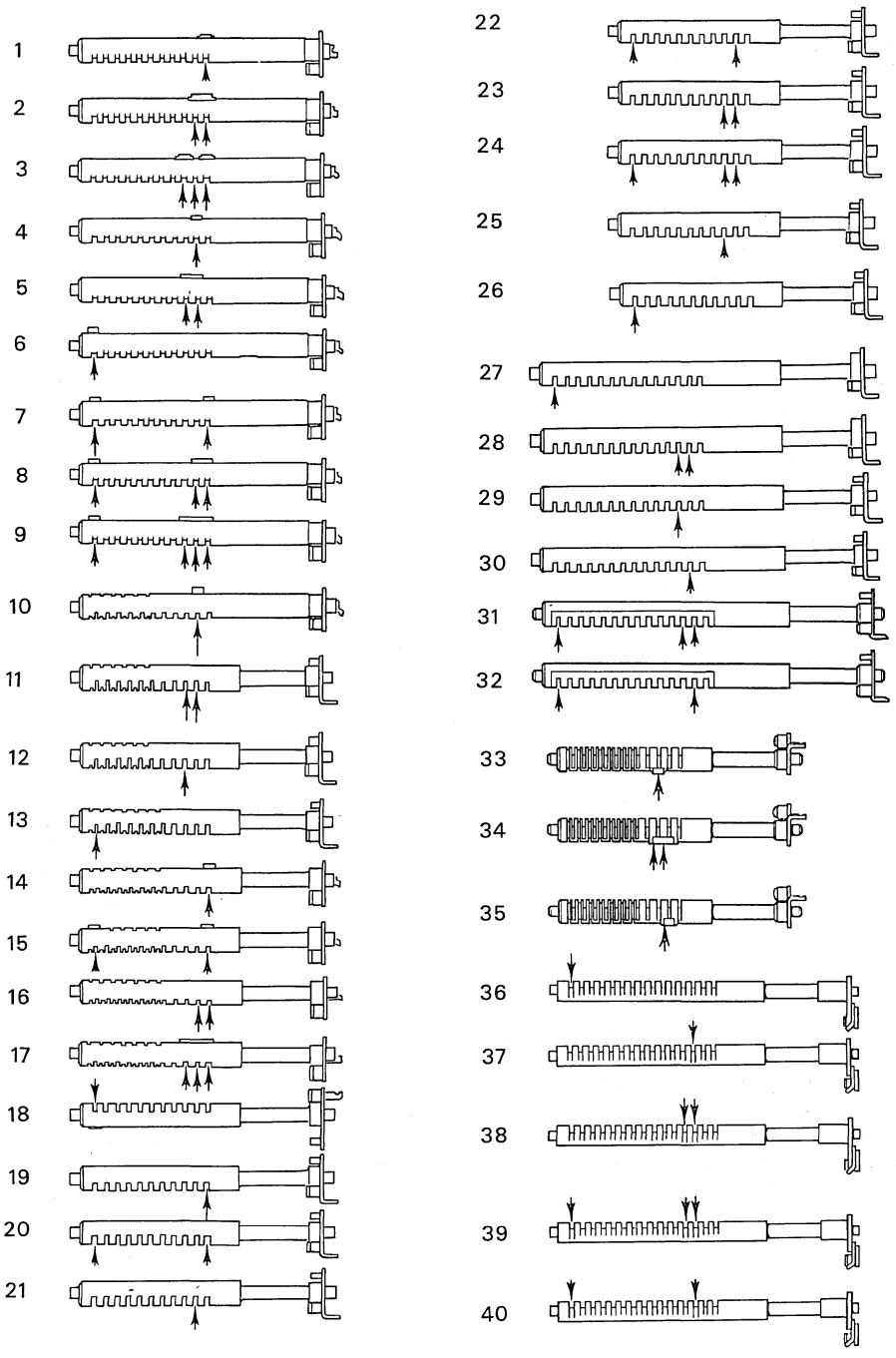
PART NUMBERS (PLATE IV-43)

Note: These aligning shafts engage 10 pitch adding sectors in all columns.

REF.	PART NUMBER	DESCRIPTION
1	1016 8730	Aligning shaft—For Class 9, P200, P1300, P2200, P3300—Up to 10 column capacity
2	1016 8581	Aligning shaft—For Class 9, Style 13
3	1014 8211	Aligning shaft—For Class 8 and 10 machines with 10 pitch symbol sector, P100, P1200, P3200
4	1014 8278	Aligning shaft—For Class 8 with extended totals
5	1016 8755	Aligning shaft—For Class 9 with extended totals
6	1016 8763	Aligning shaft—For Class 9, Style 13, with extended totals
7	1045 7844	Aligning shaft—Series P400 before P106741D
	1045 7851	Aligning shaft—Series P400 between P106740D and P369846D; P92489S and P104641S
	1019 3985	Aligning shaft—Series P400 and P5000 after P369845D and P104640S

Accumulation

ALIGNING SHAFTS–TWELFTH FRACTIONS, SERIES P MACHINES (PLATE IV-44)



Part Numbers On Next Page

Accumulation

PART NUMBERS (PLATE IV-44)

Note: Arrows shewn on aligning shafts, indicate the column position of the fraction

REF.	PART NUMBER	DESCRIPTION
1	1014 8112	Aligning shaft—Class 10, P300, P1400, P2300, P3400. Fraction in column 0 (symbol position)
2	1014 8161	Aligning shaft—Class 10, P300, P1400, P2300, P3400. Fraction in columns 0 (symbol) and 1
3	1014 8146	Aligning shaft—Class 10, P300, P1400, P2300, P3400. Fraction in columns 0 (symbol), 1 and 2
4	1014 8187	Aligning shaft—Class 8, 10, Series P100, P300, P1200, P1400, P2100, P2300, P3200 and P3400. Fraction in column 1
5	1014 8138	Aligning shaft—Class 8, P100, P1200, P2100, P3200. Fraction in columns 1 and 2
6	1014 8104	Aligning shaft—Class 8, 10 with Calendar Feature. Fraction in column 10
7	1014 8153	Aligning shaft—Class 10 with Calendar Feature and Sub-total lever. Fraction in columns 0 (symbol) and 10
8	1014 8179	Aligning shaft—Class 10 with Calendar Feature. Fraction in columns 0 (symbol) 1 and 10
9	1042 9280	Aligning shaft—Class 10 with Calendar Feature. Fraction in columns 0 (symbol) 1, 2 and 10
10	1042 7144	Aligning shaft—Class 8 with Extended Totals. Fraction in column 1
11	1043 8802	Aligning shaft—Class 9 with Extended Totals. Fraction in columns 1 and 2
12	1043 8810	Aligning shaft—Class 9 with Extended Totals, Hour and Minute. Fraction in column 2
13	1016 8797	Aligning shaft—Class 9 with Extended Totals and Calendar Feature. Fraction in column 10
14	1043 8505	Aligning shaft—Class 10 with Extended Totals. Fraction in column 0 (symbol)
15	1042 8050	Aligning shaft—Class 10 with Extended Totals. Fraction in columns 0 (symbol) and 10
16	1042 8076	Aligning shaft—Class 10 with Extended Totals. Fraction in columns 0 (symbol) and 1
17	1043 8596	Aligning shaft—Class 10 with Extended Totals. Fraction in columns 0 (symbol) 1 and 2
18	1043 8943	Aligning shaft—Class 9, P200, P1300, P2200. Fraction in column 10
19	1016 8748	Aligning shaft—Class 9 with 12p symbol. Fraction in column 0 (symbol)
20	1043 8976	Aligning shaft—Class 9 with Calendar Feature. Fraction in columns 0 (symbol) and 10
21	1016 8631	Aligning shaft—Class 9, Series P200, P1300, P2200, P3300. Fraction in column 1
22	1016 8656	Aligning shaft—Class 9 with Calendar Feature. Fraction in columns 1 and 10
23	1016 8599	Aligning shaft—Class 9, P200, P1300, P2200. Fraction in columns 1 and 2
24	1016 8672	Aligning shaft—Class 9 with Calendar Feature. Fraction in columns 1, 2 and 10
25	1016 8672	Aligning shaft—Class 9 with Hour and Minute. Fraction in column 2
26	1016 8698	Aligning shaft—Class 9 with Calendar Feature. Fraction in column 10
27	1016 8706	Aligning shaft—Class 9, Style 13 with Calendar Feature. Fraction in column 10
28	1016 8607	Aligning shaft—Class 9, Style 13. Fraction in columns 1 and 2
29	1016 8623	Aligning shaft—Class 9, Style 13 with Hour and Minute. Fraction in column 2
30	1016 8649	Aligning shaft—Class 9, Style 13. Fraction in column 1

Part Numbers Continued On Next Page

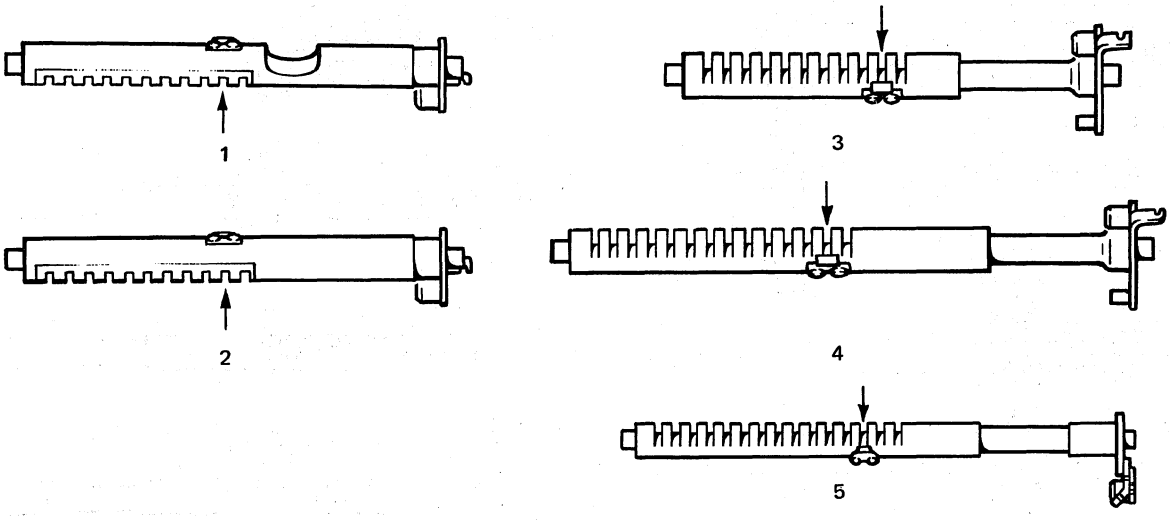
Accumulation

PART NUMBERS (PLATE IV-44) continued

REF.	PART NUMBER	DESCRIPTION
31	1016 8680	Aligning shaft—Class 9, Style 13, with Calendar Feature. Fraction in columns 1, 2 and 13
32	1016 8664	Aligning shaft—Class 9, Style 13, with Calendar Feature. Fraction in columns 1 and 13
33	1019 2581	Aligning shaft—Class 8, Series P100, P1200, P2100 with Extended Totals. Fraction in column 2
34	1019 2573	Aligning shaft—Class 8, Series P100, P1200, P2100 with Extended Totals. Fraction in columns 1 and 2
35	1019 2565	Aligning shaft—Class 8, Series P100, P1200, P2100 with Extended Totals. Fraction in column 1
36	1045 7877	Aligning shaft—Series P400 before P82528D
	1045 7885 (copper plated)	Aligning shaft—Series P400 between P82527D and P3684D; P92489S and P104641S
	1019 4009	Aligning shaft—Series P400 and P5000 after P369845D and P104640S Fraction in column 13 for Calendar Feature
37	1045 7893	Aligning shaft—Series P400 before P89240D
	1045 7901 (copper plated)	Aligning shaft—Series P400 between P89239D and P369846D; P92489S and P104641S
	1019 4181	Aligning shaft—Series P400 and P5000 after P369845D and P104640S Fraction in column 1
38	1045 7919	Aligning shaft—Series P400 before P95143D
	1045 7927 (copper plated)	Aligning shaft—Series P400 between P95142D and P369846D; P92489S and P104641S
	1019 4207	Aligning shaft—Series P400 and P5000 after P369845D and P104640S Fraction in columns 1 and 2
39	1045 7935	Aligning shaft—Series P600 before P104641S
	1019 4223	Aligning shaft—Series P600, P5000 and P9000 after P104640S Fractions in columns 1, 2 and 13 (for Calendar Feature)
40	1045 7943	Aligning shaft—Series P600 before P104641S
	1019 4249	Aligning shaft—Series P600, P5000 and P9000 after P104640S Fraction in columns 1 and 13 (for Calendar Feature)

Accumulation

ALIGNING SHAFTS EIGHTH AND SIXTEENTH FRACTIONS, SERIES P MACHINES (PLATE IV-45)



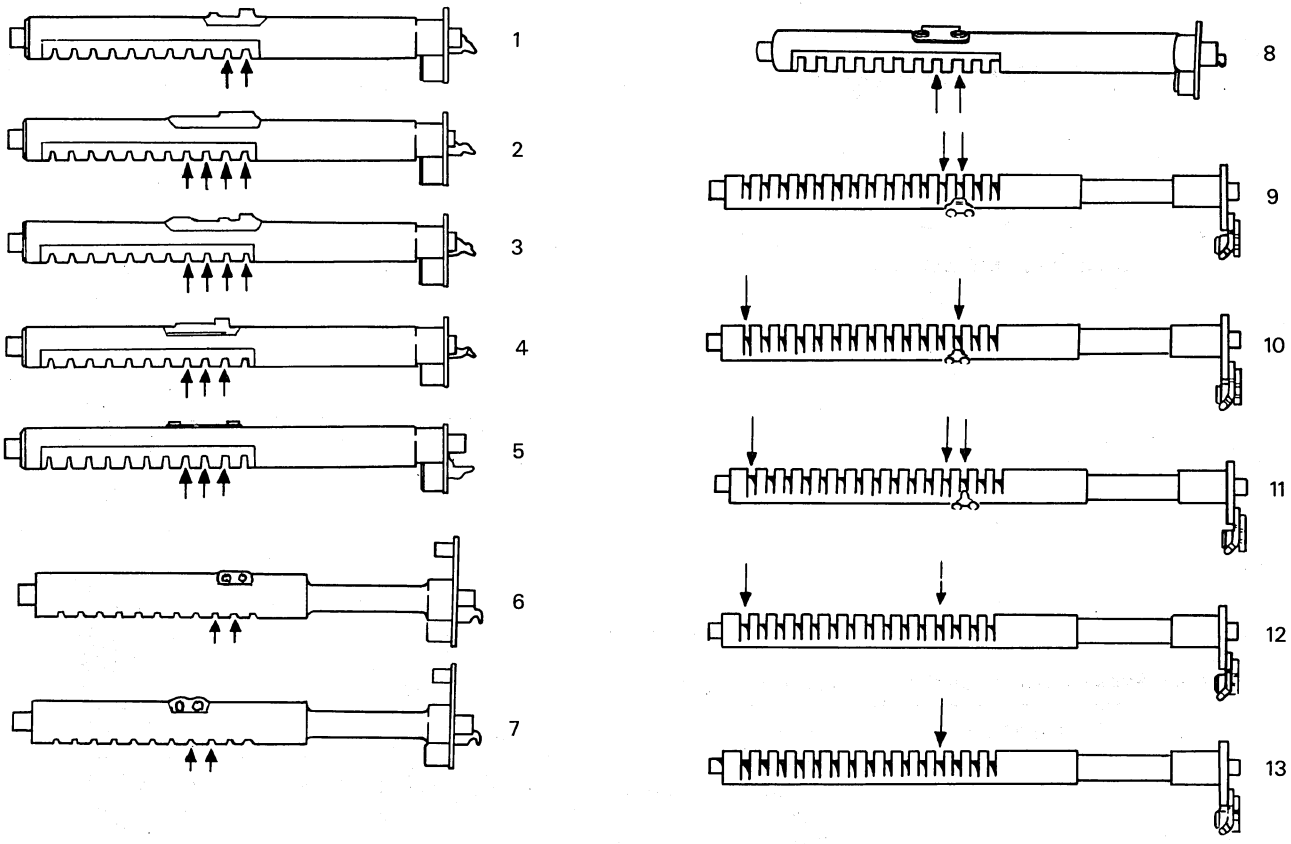
PART NUMBERS (PLATE IV-45)

Note: Arrows shewn on shafts, indicate the column position of the fraction

REF.	PART NUMBER	DESCRIPTION
1	1042 9041	Aligning shaft—Classes 8-10, without sub-total lever. Fraction in column 1 ($\frac{1}{8}$ths)
2	1042 9058	Aligning shaft—Classes 8-10. Fraction in column 1 ($\frac{1}{8}$ths)
3	1019 2516	Aligning shaft—Class 9 with or without Minus Balance. Fraction in column 1 ($\frac{1}{8}$ths)
4	1019 2524	Aligning shaft—Class 9, Style 13. Fraction in column 1 ($\frac{1}{8}$ths)
5	1045 7950	Aligning shaft—Series P400, before P104641S. Fraction in column 1 ($\frac{1}{8}$ths)
	1019 4256	Aligning shaft—Series P400 and P5000 after P104640S. Fraction in column 1 ($\frac{1}{8}$ths)
6	1014 8120 (not illustrated)	Aligning shaft—Classes 8-10, using new style adding pinions 1016 9407 (Ref. 2, Plate IV-38) in all columns except for the fractions columns. Fractions in columns 1 and 2 ($\frac{1}{16}$ths)

Accumulation

ALIGNING SHAFTS – MIXED FRACTIONS, SIXTIETH FRACTIONS, SERIES P MACHINES (PLATE IV-46)



PART NUMBERS (PLATE IV-46)

Note: Arrows shewn on aligning shafts, indicate the column position of the fraction

REF.	PART NUMBER	DESCRIPTION
1	1042 9264	Aligning shaft—Class 10 with Sub-Total Lever and new style adding pinions 1016 9407 (Ref. 2, PlateIV-38). Fraction $\frac{1}{12}$ths in column 0 (symbol) and $\frac{1}{8}$ths in column 1
2	1014 8195	Aligning shaft—Class 10 with Sub-Total Lever. Fraction $\frac{1}{12}$ths in column 0 (symbol) and column 1. Fraction $\frac{1}{16}$ths in columns 2 and 3
3	1042 8902	Aligning shaft—Class 10. Fraction $\frac{1}{8}$ths in column 1. Fraction $\frac{1}{16}$ths in columns 2 and 3. Fraction $\frac{1}{12}$ths in column 0 (symbol)
4	1014 8096	Aligning shaft—Class 8. Fraction $\frac{1}{12}$ths in column 1. Fractions $\frac{1}{16}$ths in columns 2 and 3
5	1042 9322	Aligning shaft—Class 8. Fraction $\frac{1}{16}$ths in columns 1 and 2. Fraction $\frac{1}{12}$ths in column 3
6	1019 2540	Aligning shaft—Class 9. Fraction $\frac{1}{8}$ths in column 1. Fraction $\frac{1}{12}$ths in column 2
7	1019 2532	Aligning shaft—Class 9 with Hour and Minute. Fraction $\frac{1}{12}$ths in column 2. Fraction $\frac{1}{8}$ths in column 3

Part Numbers Continued On Next Page

Accumulation

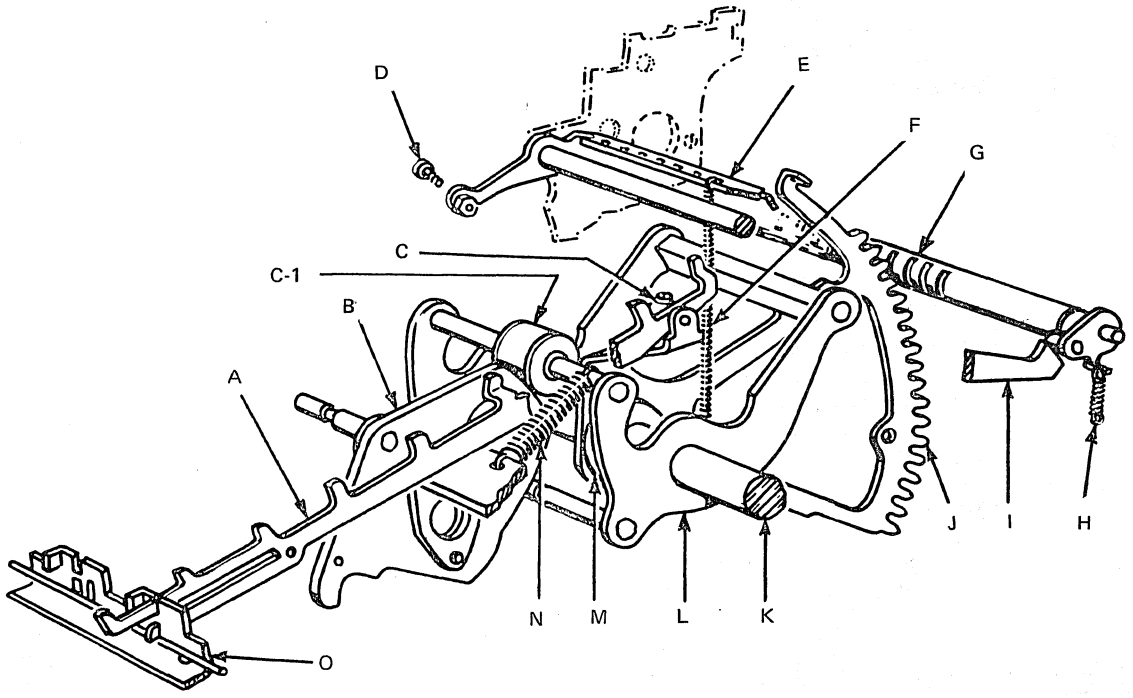
PART NUMBERS (PLATE V-46) continued

REF.	PART NUMBER	DESCRIPTION
8	1014 8070	Aligning shaft—Class 8, Feet and Inches. Fraction $\frac{1}{8}$ths in column 1. Fraction $\frac{1}{12}$ths in column 2
9	1045 7968	Aligning shaft—Series P600 before P104641S. Fraction $\frac{1}{8}$ths in column 1. Fraction $\frac{1}{12}$ths in column 2.
	1019 4280	Aligning shaft—Series P600, P9000 after P104640S. Fraction $\frac{1}{8}$ths in column 1. Fraction $\frac{1}{12}$ths in column 2
10	1045 7976	Aligning shaft—Series P600 before P104641S. Fraction $\frac{1}{8}$ths in column 1. Fraction $\frac{1}{12}$ths in column 13 (Calendar Feature)
	1019 4066	Aligning shaft—Series P600 and P9000 after P104640S. Fraction $\frac{1}{8}$ths in column 1. Fraction $\frac{1}{12}$ths in column 13 (Calendar Feature)
11	1045 7869	Aligning shaft—Series P600 before P104641S. Fraction $\frac{1}{8}$ths in column 1. Fraction $\frac{1}{12}$ths in columns 2 and 13 (Calendar Feature)
	1019 4082	Aligning shaft—Series P600 and P9000 after P104640S. Fraction $\frac{1}{8}$ths in column 1. Fraction $\frac{1}{12}$ths in columns 2 and 13 (Calendar Feature)
12	1032 9308	Aligning shaft—Series P600 before P104641S. Fraction $\frac{1}{60}$ths in columns 1 and 2. Fraction $\frac{1}{12}$ths in column 13 (Calendar Feature)
*	1019 4025	Aligning shaft—Series P600 and P9000 after P104640S. Fraction $\frac{1}{60}$ths in columns 1 and 2. Fraction $\frac{1}{12}$ths in column 13 (Calendar Feature)
13	1032 9316	Aligning shaft—Series P600 before P104641S. Fraction $\frac{1}{60}$ths in columns 1-2
*	1019 4041	Aligning shaft—Series P600 and P9000 after P104640S. Fraction $\frac{1}{60}$ths in columns 1-2

*Note: Fractions $\frac{1}{60}$ths are provided in two adjacent columns, left-hand column $\frac{1}{12}$th fractions, right-hand column $\frac{1}{10}$th fractions.

Accumulation

ADDING SECTOR INDEXING MECHANISM, CLASSES 8-9-10, SERIES P100, P200, P300, P1000, P2000 AND P3000 MACHINES (PLATE IV-47)



PART NUMBERS (PLATE IV-47)

A	1013 9822	regular, index bar See PlateIV-50 for other styles
B	— — — —	Secondary sections–see Plate VI-8 for details of complete main operating sections. See Plate VI-9 for detail of secondary bails
	— — — —	For Auxiliary Cam which may be attached to B for increasing adding sector restoration–use 1226 2648 cam, 1813 0153 shoulder nut, 1017 1999 eccentric, 1304 2056 screw
C	1015 4920	set collar, use 1017 1387 screw–old method of attachment
	1015 4938	collar, use 1010 0220 clip–later method of attachment
	1300 1490	clip—present method of attachment, or 1026 7094 clip (.005" thinner)
C-1	— — — —	Use 1015 5000 roller bearing (12 required)
D	1010 3380	screw, use 1256 7715 lockwasher and 1010 0378 nut
E	— — — —	Spring anchor and nines limit bail
	1014 5761	style 10 construction
	1014 5779	style 13 construction
F	1014 6264	adding sector spring
G	— — — —	See PlatesIV-43-44-45-46 for aligning shaft detail
H	— — — —	Aligning shaft spring
	1015 2262	for Classes 8-10, P100, P300, P1200, P1400, P2100, P2300, P3200 and P3400
	1014 7650	for Class 9, P200, P1300, P2200 and P3300
I	— — — —	For dashpot yoke detail–see PlateIV-13

Part Numbers Continued On Next Page

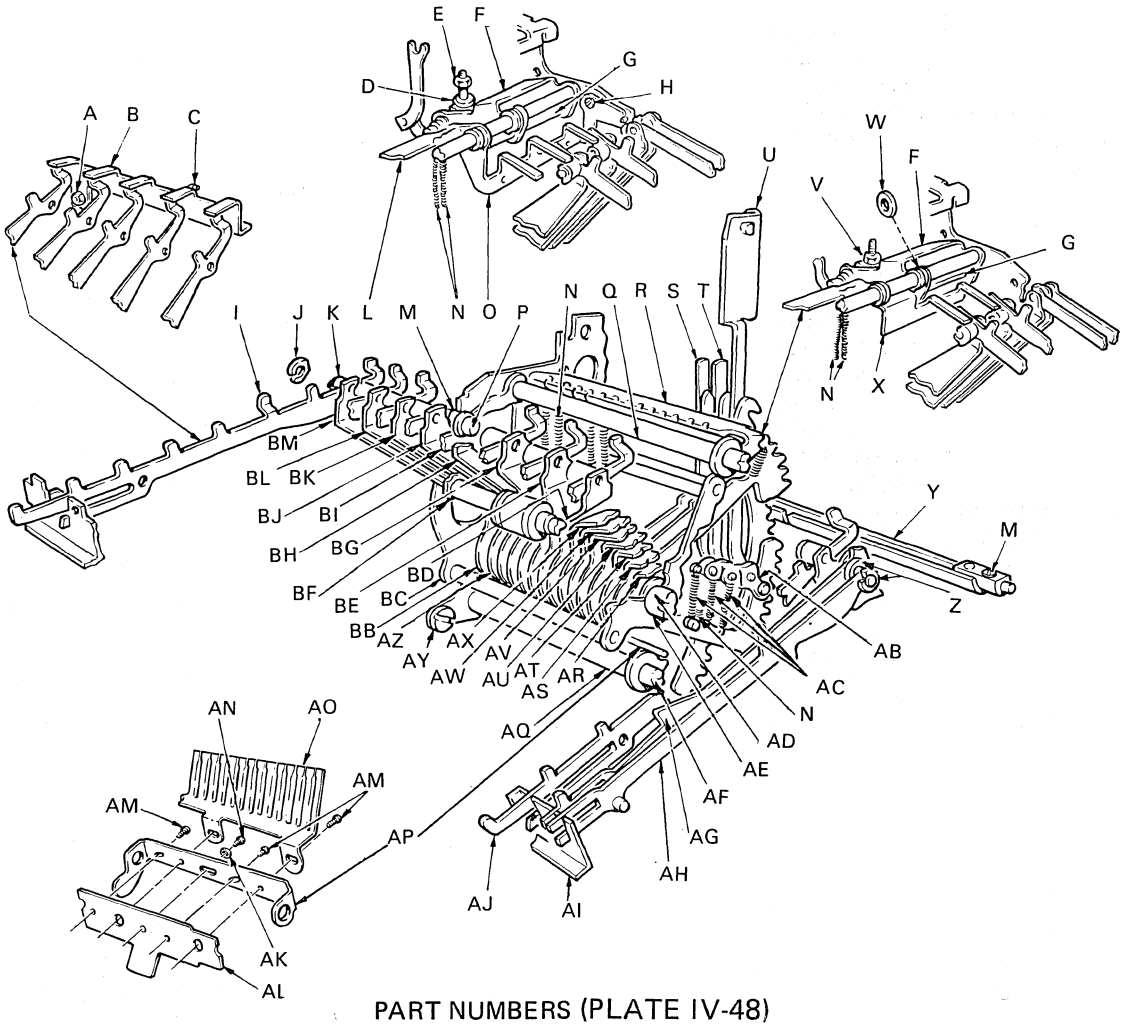
Accumulation

PART NUMBERS (PLATE IV-47) continued

J	1015 4177	adding rack (shewn) see PlateIV-49 for adding sector chart
K	— — — —	Shaft for adding sector reset frame and adding sector pivot collars
	1013 9533	10 column construction
	1013 9541	13 column construction use 1023 8079 inner nut and 1010 0402 lock nut (left-hand side frame)
L	— — — —	Adding sector restoring frame
	1015 4045	10 column construction
	1015 4037	13 column construction
M	— — — —	Adding sector pivot collars
	1014 5787	for inside columns
	1014 5795	for extended totals (inside columns)
	1014 5811	collar on right, Style 8
	1014 5803	collar on right, Style 10
	1014 5845	collar on left (1" overall width)
	1014 5852	collar on left (0·810" overall width)
	1014 5860	collar on left (0·430" overall width)
	1014 5829	collar on left (0·240" overall width)
	1014 5878	collar, last column on left, Style 8, with extended totals
	1014 5837	collar, last column on left, Style 10, with extended totals
N	1011 3132	spring used for 10 column construction when shaft of reset frame L is as shewn
	1011 3140	spring used for 13 column construction when shaft of reset frame L is as shewn
	— — — —	use 1011 3140 spring for 10 and 13 column construction when the shaft for reset frame L is stiffened with larger diameter spacing collars

Accumulation

ADDING SECTOR INDEXING MECHANISM SERIES P400,P600,P5000 AND P9000 MACHINES ALSO ADDING SECTOR BRACES FOR CLASS 9, STYLE 13 (PLATE IV-48)



PART NUMBERS (PLATE IV-48)

A	1010 0311	nut for brace B
B	— — — —	Adding sector brace, left
	1013 9871	for Series P400, P600, P5000 and P9000 without keyboard calendar feature
	1015 5810	for Series P600 and P9000 with keyboard calendar feature
	1013 9871	for Class 9, Style 13 elec. styles, use 1221 3559 brace, 1221 3567 support, 1017 2450 screws (2) for Class 9, Style 13 hand styles
C	1011 0179	screw
D	1256 7459	lockwasher
E	1013 0938	nut
F	1021 3007	dashpot yoke
G	1010 0139	wire clip
H	1010 4214	screw
I	— — — —	Index bar
	1015 5760	for keyboard calendar feature
	1013 9822	regular
J	1300 1490	clip
	1026 7094	clip (0·005" thinner)
K	1015 4938	collar
L	1015 8020	spring anchor and adding sector nines position limit bail— Series P600, P5000, P9000
M	1010 3380	screw, use 1256 7715 lockwasher
N	1014 6264	adding sector spring
O	1015 5752	right-hand adding sector brace for Series P400, P600, P5000 and P9000
P	1010 0360	nut
Q	1014 7684	dashpot yoke and tie shaft

Part Numbers Continued On Next Page

Accumulation

PART NUMBERS (PLATE IV-48) continued

R	1015 8012	spring anchor and adding sector nines position limit bail—Series P400, some P5000 styles
S	— — — —	Type bar, column 1
	1015 7493	for Series P400, P5000
	1015 7287	for Series P400, P5000 and P9000
T	— — — —	Type bar, symbol, column 0
	1015 6248	minus totals (−•) and minus sub-totals (−•) for Series P400 and P5000
	1015 6297	minus totals (CR) and minus sub-totals (CR) for Series P600, P5000, P9000
	1015 6305	minus totals (OD) and minus sub-totals (OD) for Series P600, P5000 and P9000
	1015 6222	minus totals (DV) and minus sub-totals (DV) for P600, P5000 and P9000
U	— — — —	Type bar, symbol, column 00
	1015 6222	Series P400 and P5000
	1015 6263	Series P600, P5000 and P9000
	1015 5976	Series P600, P5000 and P9000 three register styles
V	1010 0402	nut
W	1014 7346	washer
X	— — — —	Adding sector brace, right
	1013 9855	used on early P400 and all Class 9, Style 13 machines
	— — — —	See 0 for present style brace for P400 and P5000
Y	1015 7873	adding sector guide, upper
Z	1300 1490	clip
	1026 7094	clip (0·005" thinner)
AB	1013 9665	type bar retainer
AC	1014 6272	spring for type bar
AD	1014 5803	adding sector spacing and pivot collar
AE	1023 6602	shaft for adding sector reset frame and sector pivot collars. Use 1010 0311 nut (inner) 1010 4354 lockwasher (between nuts) and 1010 0337 nut (outer)
AF	1011 0799	tie shaft
AG	— — — —	Index bar, column 0
	1045 0500	Series P400 before P155567D
	— — — —	Use 1023 4201 index bar and 1022 8849 slide (column 0) between P155566D and P362954D
	1023 4201	Series P400, P600, P5000 and P9000 after P362953D and P173914S
AH	— — — —	Index bar, column 00
	1045 0484	Series P400, P600 before P155567D and P85263S
	1045 5802	Series P400, P600, P5000 and P9000 after P155566D and P85262S
AI	1017 3326	index bar guide
AJ	1013 9822	index bar
AK	1304 0415	eccentric
AL	1015 7956	limit plate
AM	1301 9542	screw
AN	1010 8983	screw
AO	1015 7899	adding sector guide, lower
AP	1023 4730	mounting bail, includes sleeve Q as a brazed unit
AQ	— — — —	See AP
AR	1015 5968	adding sector, column 00 (symbol)
AS	1015 5976	adding sector, column 0 (symbol)
AT	— — — —	Adding sector, column 1
	1015 5828	regular, decimal
	1015 5950	for $\frac{1}{8}$th fraction
	1023 5364	for $\frac{1}{12}$th fraction
AU	— — — —	Adding sector, column 2
	1015 5877	regular, decimal
	1023 5372	for $\frac{1}{12}$th fraction
AV	1015 5885	adding sector, regular, decimal, for column 3
AW	1015 5893	adding sector, regular, decimal, for column 4
AX	1015 5901	adding sector, regular, decimal, for column 5
AY	1010 4248	screw
AZ	1014 5787	spacer and bearing for sector
BB	1014 5829	spacer and bearing for sector, extreme left
BC	1015 5729	adding sector restoring frame for Series P400, P600, P5000 and P9000
BD	1015 5919	adding sector, regular, decimal, for column 6
BE	1015 5927	adding sector, regular, decimal, for column 7
BF	1010 0089	clip
BG	1015 5935	adding sector, regular, decimal, for column 8
BH	1015 5943	adding sector, regular, decimal, for column 9
BI	— — — —	Index bar for column 9
	1013 9822	for Series P400 and some P5000
	1015 5786	for Series P600, some P5000, P9000 (offset at end to clear printing link)
BJ	1015 5836	adding sector, regular, decimal, for column 10
BK	1015 5844	adding sector, regular, decimal, for column 11
BL	1015 5851	adding sector, regular, decimal, for column 12
BM	— — — —	Adding sector, column 13
	1015 5869	regular decimal
	1023 5356	for keyboard calendar feature (12 pitch)

Accumulation

ADDING SECTOR CHART, SERIES P MACHINES (PLATE IV-49)

MACHINE STYLE	COLUMN	PITCH	PART NUMBER
Class 8, style 8, $\frac{1}{16}$ fraction machine	2	16	1013 9939
Class 8 and 10 for Indian currency	3	16	1013 9947
Classes 8, 9 and 10 with extended Total Feature	4	10	1015 4763
			1015 4318
Also applicable to series P1000, P2000, P3000	5	10	1015 4748
			1015 4318
	6	10	1015 4649
			1015 4318
	7	10	1015 4664
			1015 4318
	8	10	1015 4680
			1015 4318
	9	10	1015 4706
			1015 4318
	10	10	1015 4722
			1015 4318
Class 9, style 13, Minus Balance with Extended Totals	5	10	1015 4656
	6	10	1015 4672
	7	10	1015 4698
	8	10	1015 4714
	9	10	1015 4730
	10	10	1015 4755
	11	10	1015 4771
	12	10	1015 4789
	13	10	1015 4797
Classes 8-9-10, series P100, P200, P300, P1000, P2000 and P3000	1	10	1015 4177
	2	10	1015 4292
	3	10	1015 4326
	4	10	1015 4342
	5	10	1015 4367
	6	10	1015 4383
	7	10	1015 4417
	8	10	1015 4441
	9	10	1015 4474
	10	10	1015 4193
Classes 8, 9 and 10 with $\frac{1}{60}$ fractions in columns 1 and 2	1	10	1015 4177
	2	12	1015 4540
Class 9, style 13	1	10	1015 4185
	2	10	1015 4300
	3	10	1015 4334
	4	10	1015 4359
	5	10	1015 4375
	6	10	1015 4409
	7	10	1015 4433
	8	10	1015 4466
	9	10	1015 4490
	10	10	1015 4219
	11	10	1015 4235
	12	10	1015 4250
	13	10	1015 4268

Part Numbers Continued On Next Page

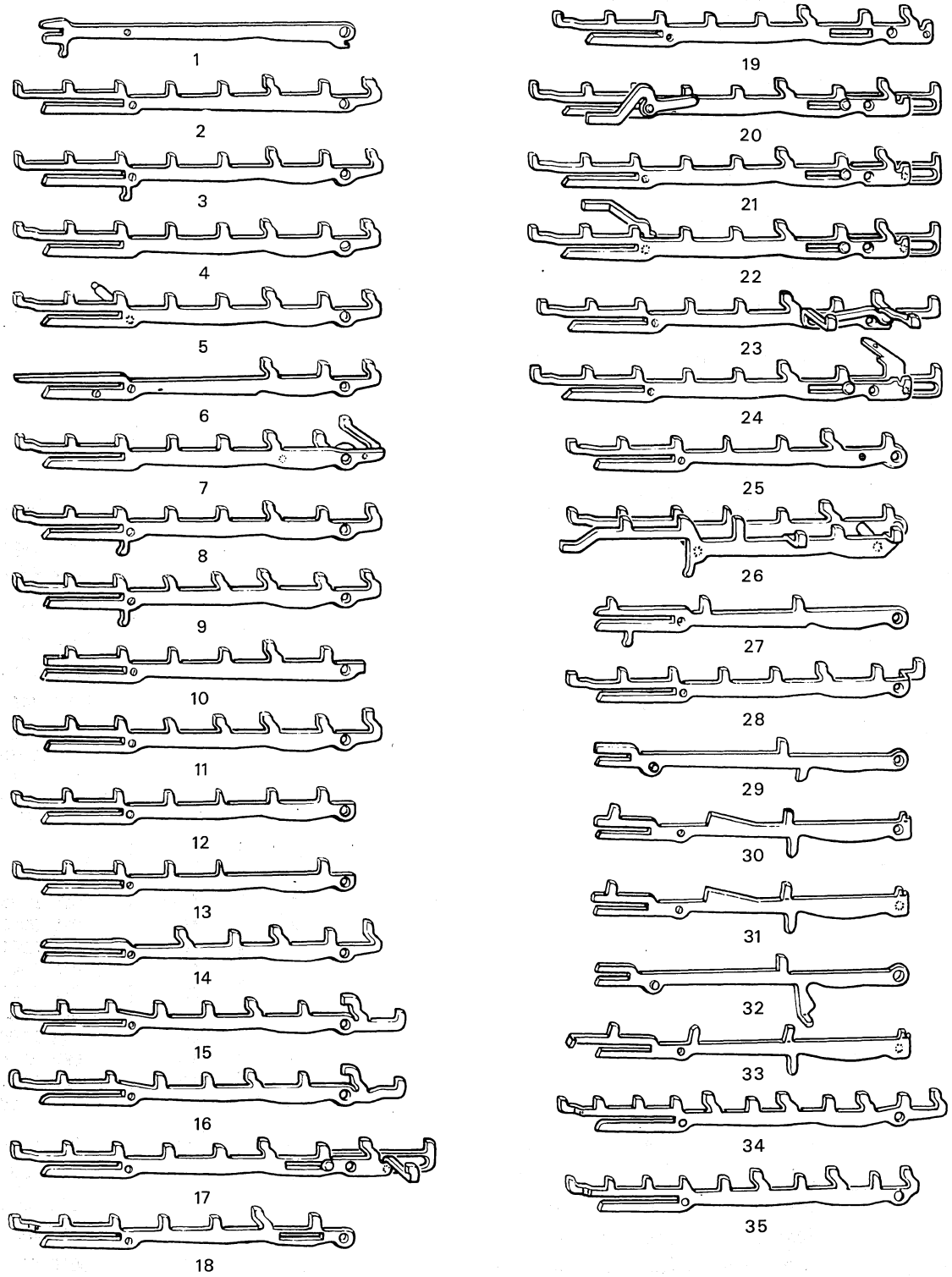
Accumulation

PART NUMBERS (PLATE IV-49) continued

MACHINE	PITCH	COLUMN	PART NUMBER
Class 9 Minus Balance			
Extended Totals in column 5	6	10	1015 4391
Extended Totals in column 6	7	10	1015 4425
Extended Totals in column 7	8	10	1015 4458
Extended Totals in column 8	9	10	1015 4482
Extended Totals in column 9	10	10	1015 4201
Class 9, Style 13, Minus Balance			
Extended Totals in column 9	10	10	1015 4227
Extended Totals in column 10	11	10	1015 4243
Extended Totals in column 11	12	10	1043 7903
Extended Totals in column 12	13	10	1015 4284
Class 9, Style 13, $\frac{1}{8}$th fractions, column 1	1	8	1015 4607
Classes 8-9-10, $\frac{1}{12}$th fractions or Months. Also Series P1000, P2000 and P3000	1	12	1015 4532
	2	12	1015 4540
	6	12	1015 4565
	8	12	1061 8163
	9	12	1015 4573
	10	12	1015 4508
Class 9 with Extended Total Feature in column 9 and Months in column 10	10	12	1015 4599
Class 9, Style 13, Minus Balance $\frac{1}{12}$th fraction in column 1 or columns 1 and 2	1	12	1015 4516
	2	12	1015 4524
Class 9 Styles 913112, 913114	13	12	1043 7572
Class 10 and Series P200 with or without Item Counter	0	12	1015 4805
Classes 8, 9, Early Class 10, Series P100, P200, P1200, P1300	0	10	1015 4813
Classes 8, 9 with Item Counter also Early Class 10 with Item Counter	0	10	1043 8026*
Class 10-late, with Item Counter controlled by studs in symbol sector	0	12	1043 8224* *Assemble 1015 5026 stud or studs in position or positions to count items as reqd.
Series P400, P600, P5000 and P9000	1	10	1015 5828
	2	10	1015 5877
	3	10	1015 5885
	4	10	1015 5893
	5	10	1015 5901
	6	10	1015 5919
	7	10	1015 5927
	8	10	1015 5935
	9	10	1015 5836
	11	10	1015 5844
	12	10	1015 5851
	13	10	1015 5869
Series P400, P600, P5000 and P9000 with Keyboard Calendar Feature	13	12	1023 5356
Series P400, P600, P5000 and P9000 with $\frac{1}{8}$th fractions in column 1	1	8	1015 5950
Series P400, P600, P5000 and P9000 with $\frac{1}{12}$th fractions in column 1	1	12	1023 5364
Series P400, P600, P5000 and P9000 with $\frac{1}{12}$th fractions in column 2	2	12	1023 5372
Series P400, P600, P5000 and P9000 symbol column sectors.	00	10	1015 5968
Columns 0 and 00	0	10	1015 5976

Accumulation

INDEX BAR CHART (PLATE IV-50)



Part Numbers Continued On Next Page

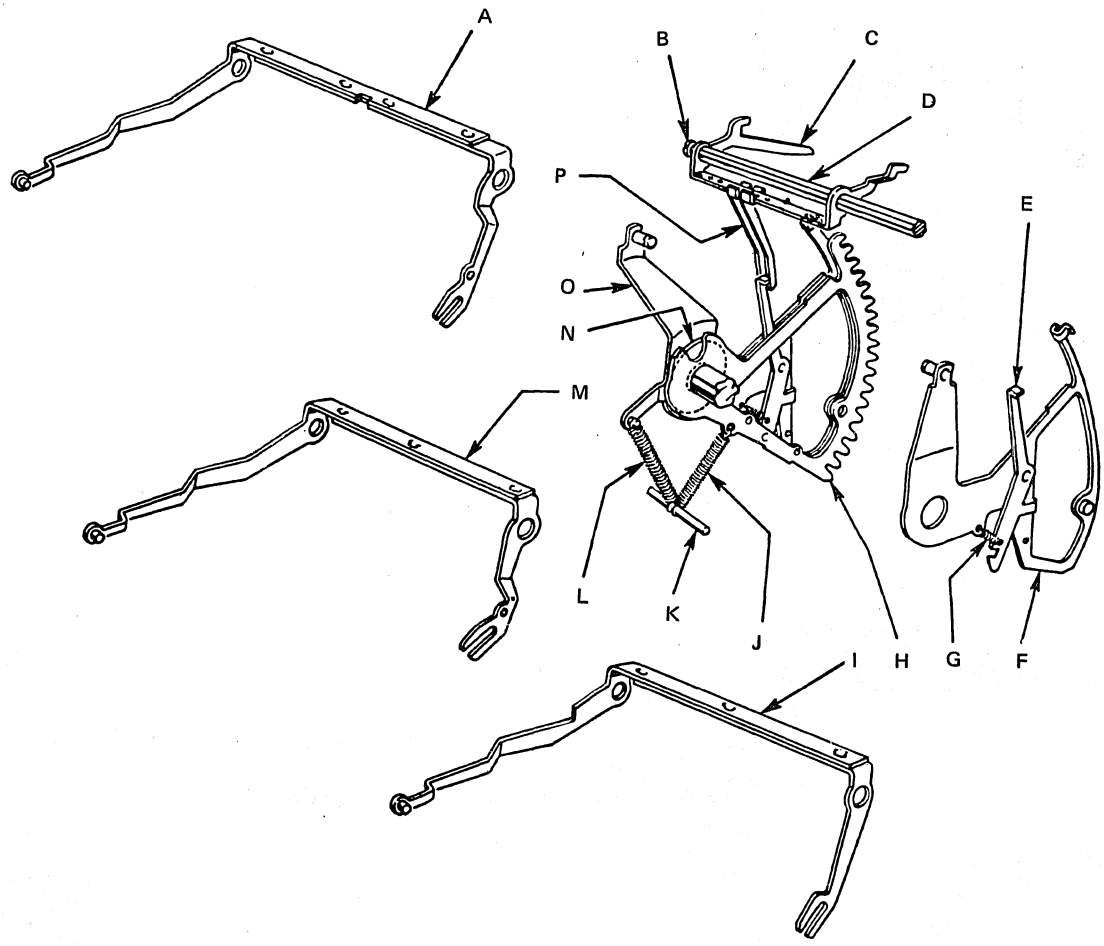
Accumulation

PART NUMBERS (PLATE IV-50)

REF.	PART NUMBER	DESCRIPTION
1	1013 9673	Index bar—used only in tens of shillings column
	— — — —	References 2 and 3—No longer available
4	1013 9822	Index bar—regular
5	1041 6840	Index bar—couples two columns
6	1041 6865	Index bar—prints 5 from depression of any key
7	1013 9830	Index bar—column 2 (L.S.D.) machines
8	1013 9848	Index bar—Extended Totals
9	1041 6881	Index bar—character key controlled split column 10
	— — — —	Reference 10—No longer available
11	1041 6907	Index bar—column 10, Style 910173
12	1013 9681	Index bar—Calendar Feature, column 9
13	1013 9699	Index bar—Calendar Feature, column 10, Style 1010164
14	1013 9798	Index bar—$\frac{1}{16}$th fractions, column 2
15	1013 9780	Index bar—$\frac{1}{16}$th fractions, column 1
16	1041 6915	Index bar—$\frac{1}{12}$th and $\frac{1}{16}$th fractions, column 1
17	1013 9731	Index bar—$\frac{1}{12}$th fractions, regular
18	1013 9707	Index bar—Hours and Minutes, Lbs. and Bushels
19	1013 9723	Index bar—$\frac{1}{3}$rd fraction
	— — — —	Reference 20—No longer available
21	1013 9764	Index bar—List 9, add 11
	— — — —	Reference 22—No longer available
23	1013 9749	Index bar—Calendar Feature, column 10
	— — — —	Reference 24—No longer available
25	1013 9806	Index bar—$\frac{1}{8}$th fractions
	— — — —	References 26 and 27—No longer available
28	1015 5786	Index bar—For column 9 of Series P600, P5000 (those with P600 printing mechanism) and Series P9000
29	1045 0484	Index bar—For column 00, Series P400 and P600 before P155567D
30	1045 0468	Index bar—For column 0, Series P400 before P91206D
31	1045 0500	Index bar—For column 0, Series P400 after P91205D
32	1015 5802	Index bar—For column 00, Series P400, P600, P5000 and P9000 with symbol 'AB' disabling mechanism after P155566D and PP85263S
33	1023 4201	Index bar—For column 0, Series P400, P600, P5000, P9000
34	1015 5760	Index bar—For Keyboard Calendar Feature (single column 12th) Series P400, P600, P5000 and P9000
35	1015 5778	Index bar—For $\frac{1}{12}$th fraction (single column)—Series P400, P600, P5000 and P9000
	1013 9731	Index bar—For $\frac{1}{12}$th fraction (when 10d. & 11d. keys turn over to right)—Series P400, P600, P5000 and P9000

Accumulation

EXTENDED TOTAL MECHANISM AND BACK BAIL CONTROLS (PLATE IV-51)

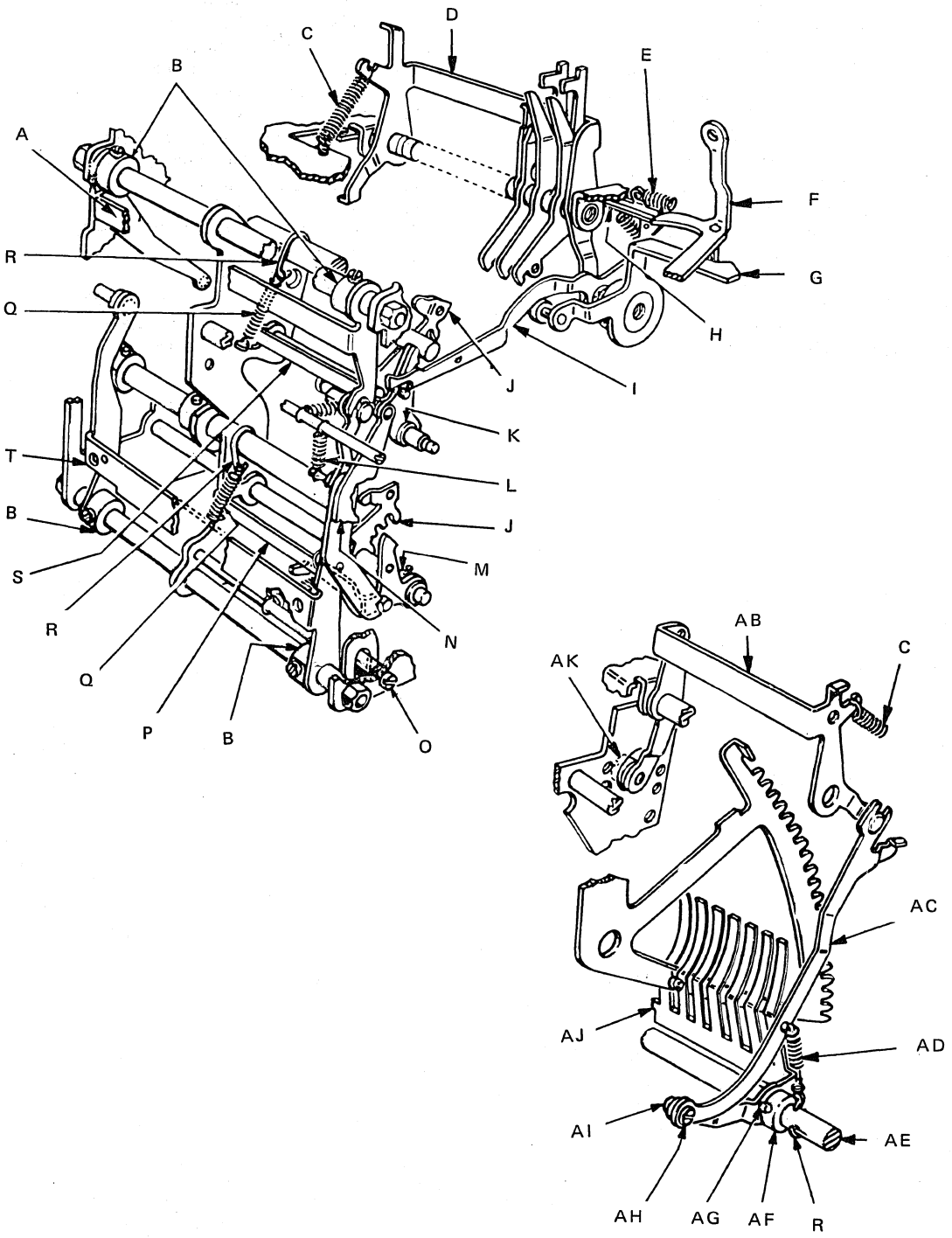


PART NUMBERS (PLATE IV-51)

A	1015 0928	bail for Class 9 with extended totals
B	1012 0202	screw
C	— — — —	Bail fitted with fingers for extended totals
	1034 2608	for columns 7-8
	1034 2616	for columns 5-6-7-8
	1034 2624	for column 8
	1034 2632	for columns 9-10
	1034 2640	for columns 8-9
	1034 2657	for columns 6-7-8-9
D	1014 7692	shaft, use 1014 7346 washer
E	1015 4904	lever, use 1015 5059 rivet
F	1015 4748	intermediate adding sector, column 5. See Plate IV-49 for other columns
G	1027 7515	spring
H	1015 4318	adding sector
I	1015 0944	bail for Class 10 shewn
	1043 4231	bail for $\frac{5}{6}$" form space and cash drawer opening
J	1014 6298	spring
K	1013 8501	spring anchor post, use 1256 7715 lockwasher and 1010 0360 nut
L	1014 7627	spring
M	1015 0936	bail, for Classes 8-9-10, O.C.K. 6-0 to repeat items
N	1014 5720	spacer
O	1015 4680	intermediate adding sector, column 8
P	1014 5647	finger, use 1028 8256 rivet

Accumulation

AUTOMATIC COUNT MECHANISM, CLASSES 8 AND 10 (PLATE IV-52)



Part Numbers On Next Page

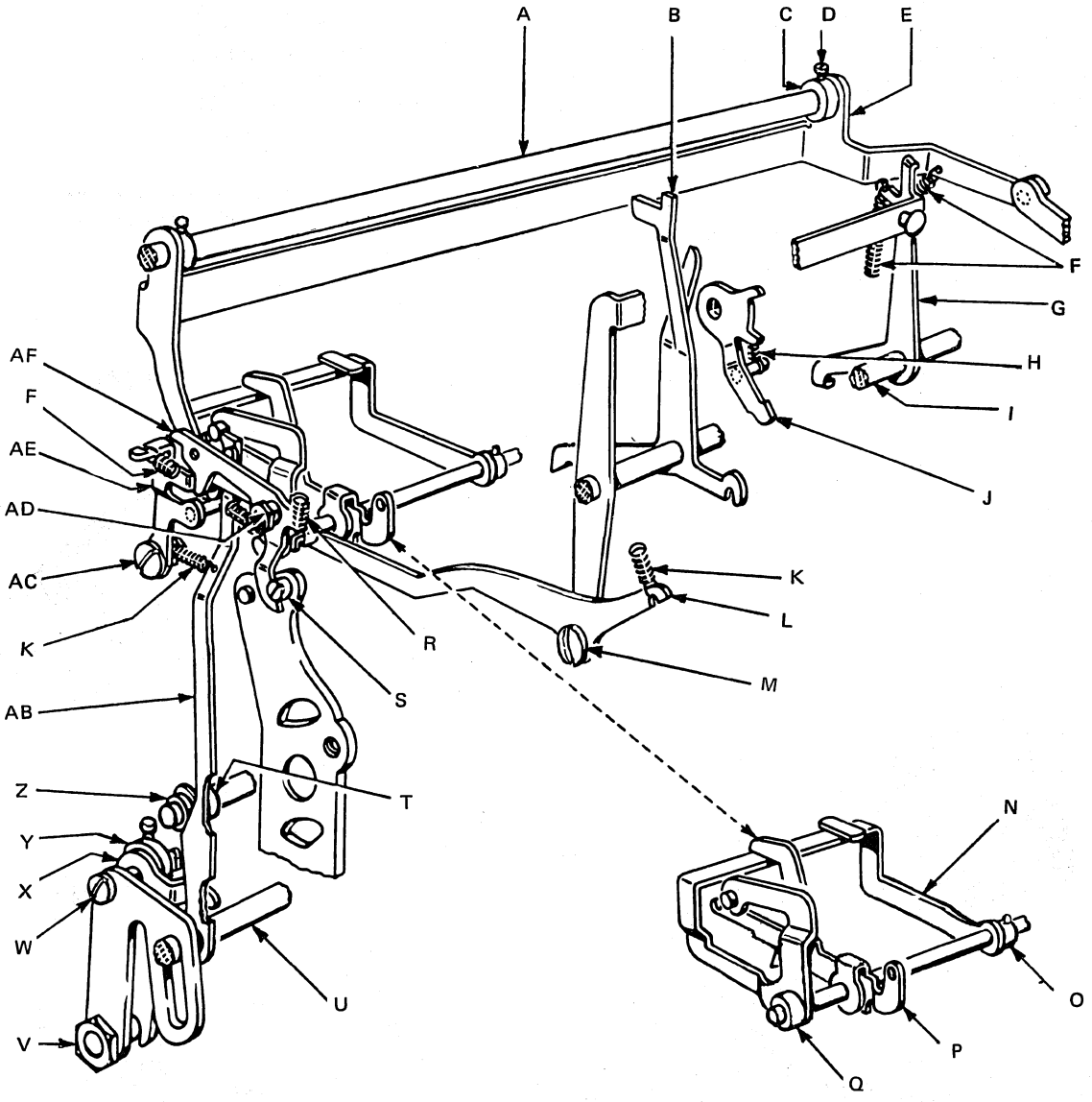
Accumulation

PART NUMBERS (PLATE IV-52)

A	1015 0670	bail
B	1017 0918	set collar, use 1017 1387 screw
C	1015 2239	spring
D	1023 2809	bail
E	1026 9298	spring
F	1015 0142	operational control lever, use 1010 8413 screw, 1010 8363 knob 1256 7715 lockwasher, 1010 0360 nut
G	1015 0522	lever, use 1013 3387 spring
H	1015 0027	slide
I	1019 3274	count arm, use 1024 4549 eccentric, 1010 3919 screw, 1014 7650 spring
J	1014 8757	carry rack latch
K	1010 6326	washer
L	1014 7650	spring
M	1015 1611	set collar, use 1017 2963 screw
N	1015 0415	arm
O	1010 9981	screw
P	1015 0449	bail
Q	1013 9327	spring
R	1026 6252	wire anchor for spring
S	1015 0431	bail
T	1015 0621	bail
AB	1067 9975	bail (non-printed items)
AC	1067 9959	arm (non-printed items)
AD	1024 9522	spring
AE	1011 0781	shaft
AF	1013 7867	set collar, includes AG
AG	1010 3919	screw
AI	1010 0477	nut
AJ	1067 9942	adding sector guide, use 1061 5144 sleeve
AK	1067 9967	limit screw

Accumulation

AUTOMATIC COUNT MECHANISM, CLASS 9 WITHOUT MINUS BALANCE (PLATE IV-53)



PART NUMBERS (PLATE IV-53)

A	— — — —	Tie shaft
	1014 8047	10 column construction
	1014 8054	13 column construction
B	1014 6553	regular hammer
C	1017 0900	set collar, includes D
D	1017 1387	screw
E	1016 9720	10 column construction bail
	1016 9738	13 column construction bail
	1019 3779	bail for Series P100, P200, P300 with S.C. and N. or N.C. and N. features
F	1027 6574	spring
G	1023 2783	10 column construction bail, use 1024 4549 eccentric and 1010 3380 screw
	1023 2817	13 column construction bail
H	1340 9867	spring
I	1014 6389	10 column construction shaft
	1014 6397	13 column construction shaft
J	1013 6984	booster arm, use 1018 0388 screw
K	1026 9868	spring
L	1017 0314	actuating arm
M	1010 6821	screw

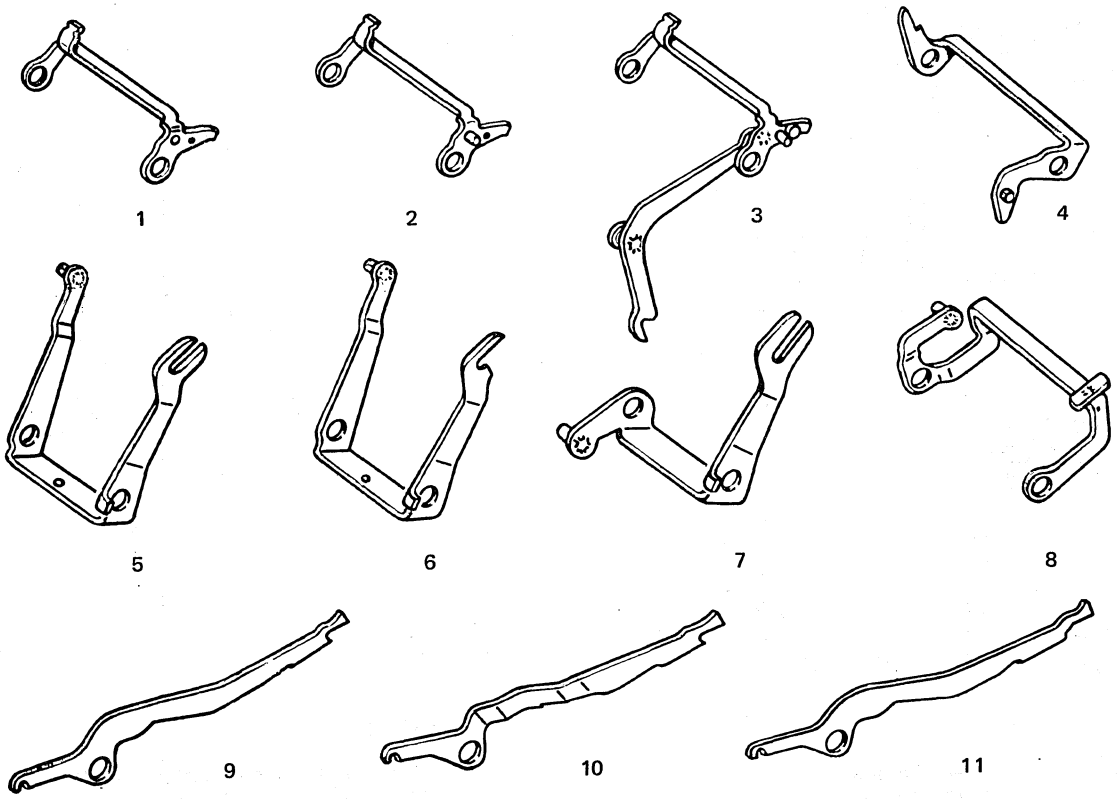
Part Numbers Continued On Next Page

Accumulation

PART NUMBERS (PLATE IV-53) continued

N	1017 0280	10 column construction bail
	1017 0306	13 column construction bail
O	1015 1611	set collar, use 1017 2963 screw
P	1019 2821	carry rack latch
Q	1017 0884	collar
R	1027 6582	spring
S	1010 6110	screw
T	1044 1830	collar
U	1016 8904	shaft
V	1010 0402	nut
W	1011 0179	screw
X	1017 0330	limit
Y	1027 7374	set collar, use 1047 5812 screw
Z	1035 0254	bushing
AB	1017 0264	limit
AC	1017 1304	screw, use 1017 0892 shoulder nut
AD	1017 1361	spring anchor screw, use 1010 8546 shoulder collar
AE	1017 0348	detent
AF	1017 0355	detent

AUTOMATIC COUNT BAILS AND ACTUATING ARMS (PLATE IV-54)



PART NUMBERS (PLATE IV-54)

REF.	PART NUMBER	DESCRIPTION
1	1015 0431	Bail—For automatic count, Class 10 and Series P300 Register 'B' machines with Date, Count and Normal
2	1015 0449	Bail—For automatic count of Register 'A', Classes 8-10, and Series P300 machines

Part Numbers Continued On Next Page

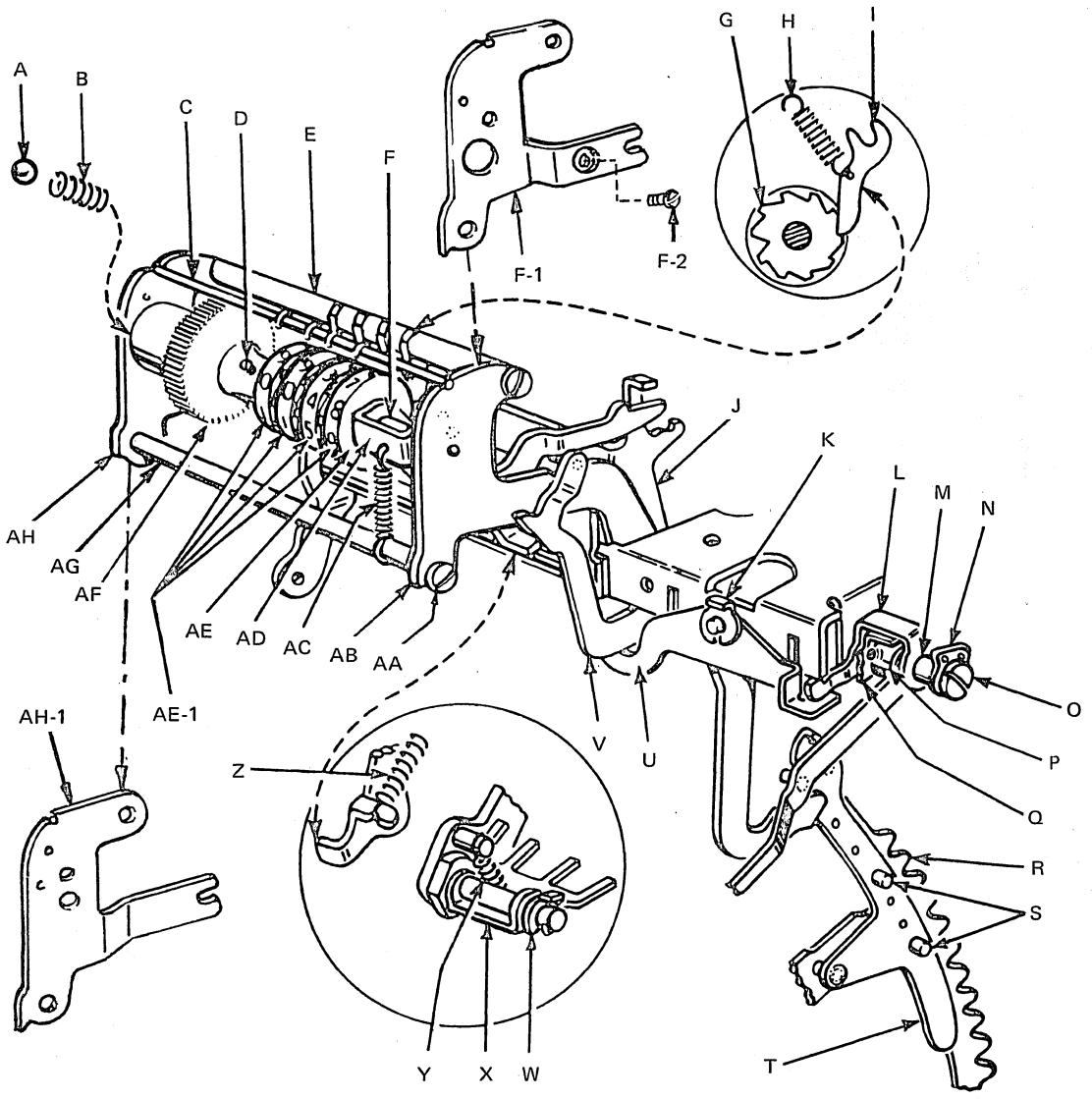
Accumulation

PART NUMBERS (PLATE IV-54) continued

REF.	PART NUMBER	DESCRIPTION
3	1015 0456	Bail—For automatic count of Register 'B', Class 10 and P300 machines
4	1015 0480	Bail—For disabling automatic count from specified O.C.K.'s, Classes 8-10, and Series P100, P300 machines
5	1014 9979	Bail—For disabling automatic count in Class 10 machines with automatic count in Register 'A' and 'B' and with simultaneous addition
6	1014 9987	Bail—For disabling automatic count, Class 10 cash machines
7	1043 2508	Bail—For disabling automatic count, Class 10 machines with automatic count in Register 'A' and 'B' and without simultaneous addition
8		Bail—For automatic count Class 9 machines
	1017 0280	For 10 column construction (shewn)
	1017 0306	For 13 column construction
9	1019 3266	Actuating arm—For Class 10 machines, part shewn used on machines after P345050D. Use 1019 3266 and 1019 2615 on machines before P345051D
10	1019 3274	Actuating arm—For Class 8 machines
11	1017 0314	Actuating arm—For Class 9 machines

Accumulation

COUNTER DIAL MECHANISM–SERIES P MACHINES (PLATE IV-55)



PART NUMBERS (PLATE IV-55)

A	1010 4792	ball bearing
B	1035 0817	compression spring
C	1013 3866	spring anchor shaft
D	1010 9643	screw
E	1013 3841	shaft
F	1013 3874	shaft for resettable item counter
	1013 3882	shaft for non-resettable item counter
F-1	1019 6723	right side frame for easily removable item counter. Mating part on hammer head shaft is 1019 9305 (right)
F-2	1018 0289	screw
G	1029 2555	inside reset pawl and spring
H	1026 9637	spring
I	1013 6992	detent
J	1023 2783	bail, use 1024 4549 eccentric and 1010 3380 screw
	1023 2858	bail, itemising cash machines or three register Class 10 machines

Part Numbers Continued On Next Page

Accumulation

PART NUMBERS (PLATE IV-55) continued

K	1010 0220	clip
L	1015 3559	lever
M	1027 2029	post
N	1026 5957	spring anchor
O	1012 0178	screw
P	1015 1611	set collar, use 1255 7567 screw
Q	1015 3575	lever
R	1043 8224	12 pitch sector with stud plate
	1043 8026	10 pitch sector with stud plate Assemble 1015 5026 stud or studs in position or positions to count items as required
	1216 9710	sector for style 1010385 machine
S	1015 5026	stud
T	1015 4854	10 pitch plate
	1015 4862	12 pitch plate
U	— — — —	Rocker arm
	1013 7024	for Class 9 pass-book
	1013 7032	for Style 1010301 and 1010302 machines
	1013 7040	for Class 10 commercial tellers machine
V	— — — —	Count indexing arm
	1013 7016	shewn
	1019 6806	for Class 10 three register construction before P445632D
	1029 5582	for Class 10 three register construction after P445631D
	— — — —	Use 1226 2499 spring for all three arms
W	1010 0212	clip
X	1013 7115	bail
Y	1026 9314	spring
Z	1013 9350	spring
AA	1013 9053	screw
AB	1013 6901	side frame (right)
AC	1013 9301	spring
AD	— — — —	Count bail
	1013 6950	for Classes 8-9-10
	1019 6723	for Class 10 three register construction
AE	1026 9603	washer
AF	1013 7776	gear for resettable item counter
	1013 7784	gear for non-resettable item counter
AG	1013 3858	shaft
AH	1013 6885	side frame (left)
AH-1	1019 6731	left side frame for easily removable item counter. Mating part on hammer head shaft is 1019 9289 (left)

Accumulation

COMPLETE ACCUMULATING SECTIONS (PLATE IV-56)

SINGLE REGISTER (ADD ONLY)—CLASS 8, SERIES P1200, P2100 AND P3200 MACHINES

MACHINE STYLE	PART NUMBER	MACHINE STYLE	PART NUMBER
80701	1226 5898	806211-11	1226 5856
P1202	1226 5898	807201	1226 5898
80801	1226 5930	P3202-01	1226 5898
P1203	1226 5930	807203	1222 0117
P2103	1226 6169	807253	1222 0117
81001	1226 5971	808201	1222 0026
P1205	1226 5971	808251	1222 0026
81051	1226 5971	810202	1222 6320
P1215	1226 5971	810252	1222 6320
P2110	1226 6169	810306	1222 8334
806211	1226 5856	810307	1222 8342

SINGLE REGISTER (ADD AND SUBTRACT)—CLASS 9, SERIES P1300, P2200 AND P3300 MACHINES

MACHINE STYLE	PART NUMBER	MACHINE STYLE	PART NUMBER
90701	1226 6003	P2208	1061 8718
P1302	1226 6003	P2210	1220 1083
90795	1226 6003	91305	1222 9035
P1312	1226 6003	91355	1222 9035
90801	1226 6037	907201	1226 6003
P1303	1226 6037	P3302-01	1226 6003
90895	1226 6037	908352	1215 1403
P1313	1226 6037	910352	1215 1288
P2205	1061 8684	910108 (Steel case)	1222 9134
90853	1226 6052	910108 (Plastic case)	1222 9134
P1323	1226 6052	910120 (Steel case)	1061 8759
P2206	1061 8692	910120 (Plastic case)	1061 8759
91001	1226 6078	910121 (Steel case)	1061 8767
P1305	1226 6078	910121 (Plastic case)	1061 8767
91095	1226 6078	910126	1061 8783
P1313	1226 6078	913108	1215 3474
P2207	1061 8700	913112	1215 3474
91053	1226 6094	913114	1061 8825
P1325	1226 6094		

Plate IV-56 Continued On Next Page

Accumulation

COMPLETE ACCUMULATING SECTIONS (PLATE IV-56) continued
DOUBLE REGISTER (ADD ONLY)–CLASS 10, SERIES P1400, P2300, P3400

MACHINE STYLE	PART NUMBER	MACHINE STYLE	PART NUMBER
100801	1215 6576	1010302	1222 8383
P1403	1215 6576	1010304	1222 9357
101001	1226 6136	1010305	1222 8417
P1405	1226 6136	1010311	1222 8441
101053	1226 6136	1010312	1222 8474
P1415	1226 6136	1010353	1215 1163
P2301	1226 6227	1010355	1216 9223
P2310	1220 1083	1010360	1222 8490
P3403-01	1216 8563	1010361	1053 4543
1008251	1215 8051	1010381	1222 8961
P3413-51	1215 8051	1010382	1222 8987
1008265	1222 6502	1010383	1222 8995
1008285	1215 9604	1010384	1222 9001
P3405-01	1216 8654	1010386	1215 3367
1010252	1222 9290	1010164 (Steel case)	1222 9274
1010282	1215 9638	1010164 (Plastic case)	1222 9274
1010301	1222 9357		

DOUBLE AND SINGLE REGISTER (ADD AND SUBTRACT)–SERIES P400, P600, P5000 AND P9000

MACHINE STYLE	PART NUMBER	MACHINE STYLE	PART NUMBER
P401, P5525-01	1223 4522	P623, P9067-3	1222 8698
P402, P5525-02	1223 4548	P625, P9064-5	1222 8714
P410, P5525-10	1215 6089	P661, P9044-1	1222 8839
P420, P5528-10	1215 6071	P662, P9044-2	1222 8862
P450, P5328-05	1223 4589	P663, P9047-3	1222 8896
P460, P5328-10	1215 7699	P665, P9044-5	1222 8920
P643, P5525-03	1222 8789	P672, P9454-2	1215 3128
P644, P5528-04	1222 8813	P673, P9457-3	1216 1634
P645, P5725-05	1216 5346	P675, P9454-5	1216 1642
P646, P5728-06	1216 5353	P681, P9444-1	1215 3128
P612, P9074-1	1222 8672	P682, P9444-2	1215 3128
P613, P9077-3	1222 8698	P683, P9447-3	1216 1634
P615, P9074-5	1222 8714	P68, P9444-5	1216 1642
P621, P9064-1	1222 8672		
P622, P9064-2	1222 8672		

SERIES P
ADDING, BOOKEEPING, TELLERS, VALIDATING & RECEIPTING MACHINES

SECTION
V

Burroughs

FIELD ENGINEERING

PARTS CATALOG

SIDE FRAMES

Printed in U.S. America January 1971

For Form 103 7629

SIDE FRAMES

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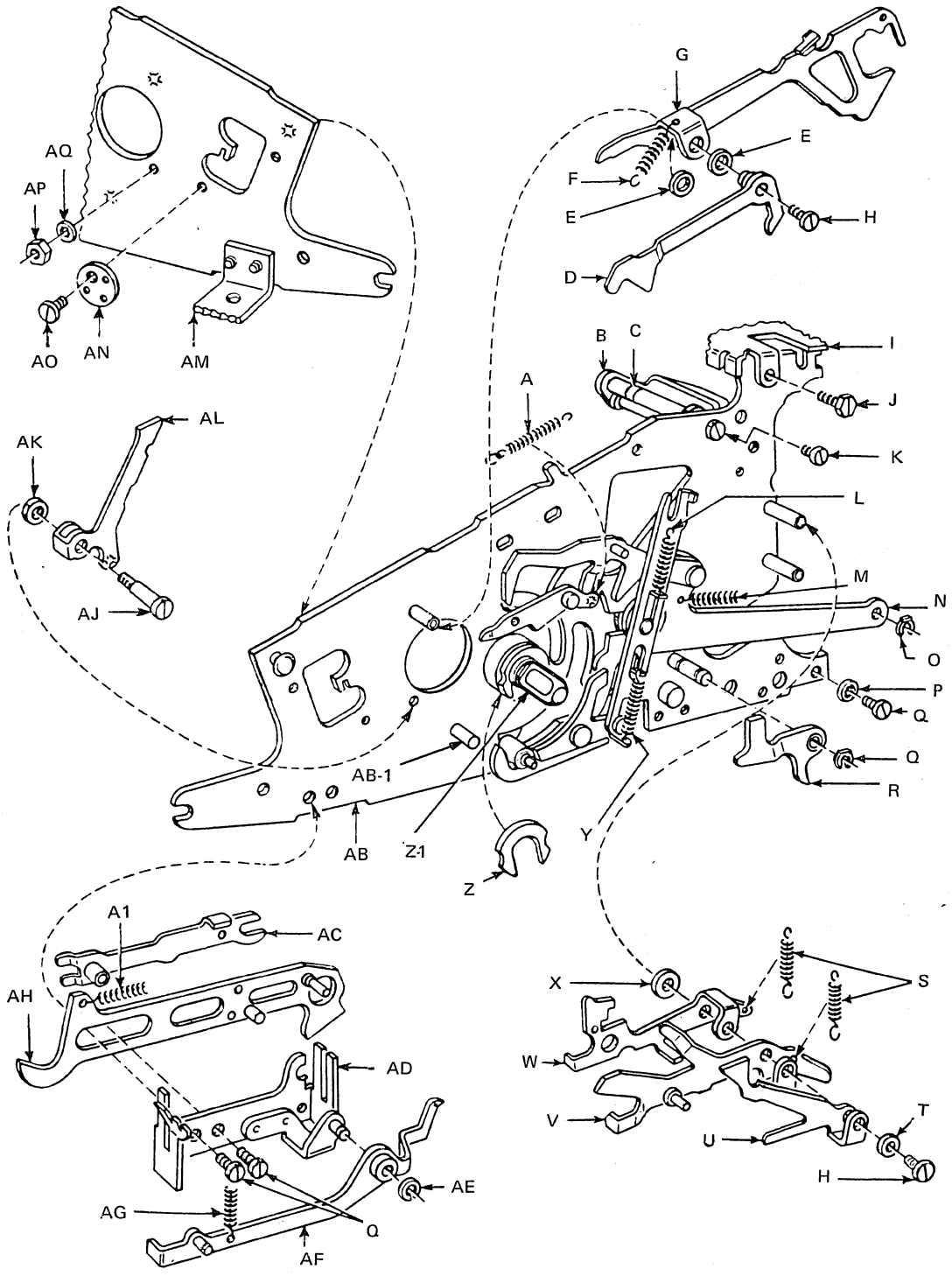
RIGHT SIDE FRAME, CLASS 8, SERIES P1200 AND P3200 HAND MACHINES (Plate V-1)



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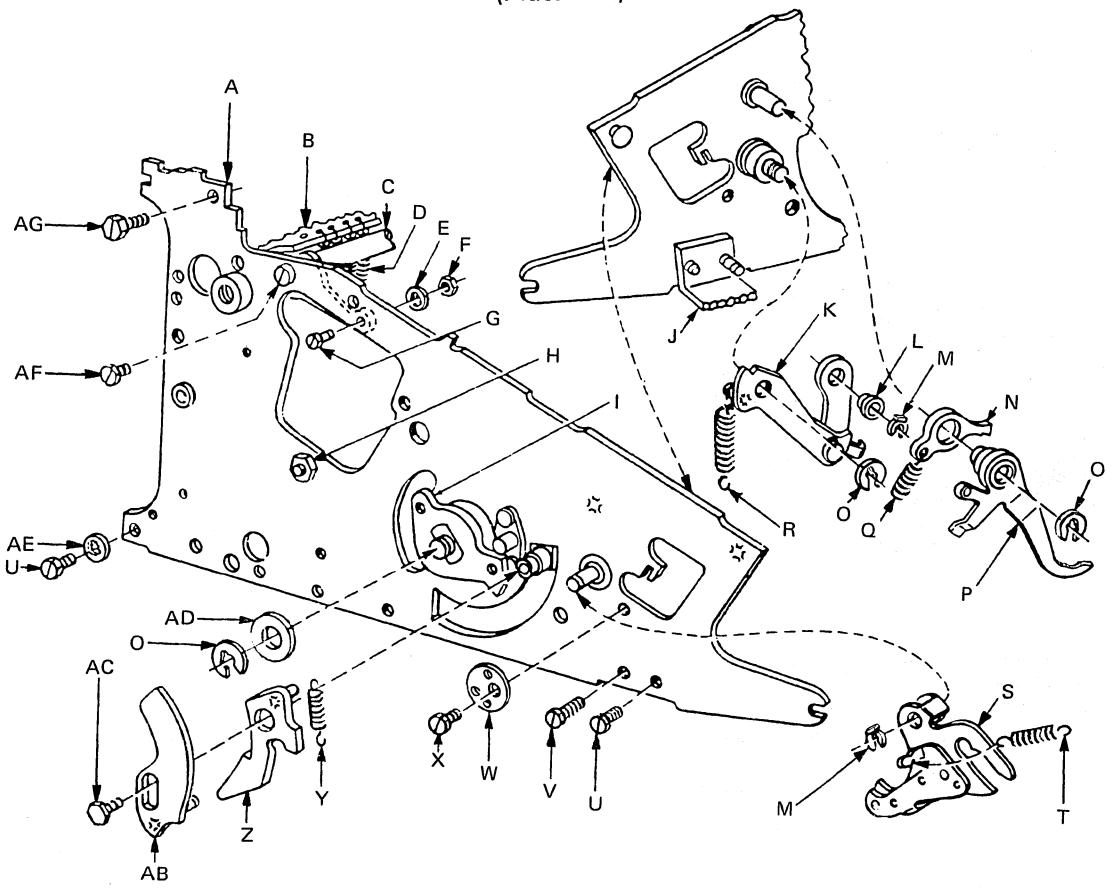
PART NUMBERS (Plate V-1)

A	1013 9285	spring with eyelet
B	1021 2983	dashpot yoke. See Plate VI-13 for other styles
C	---- ----	Shaft
	1014 7692	for 10 col. construction
	1014 7684	for 13 col. construction
D	1022 9292	error arm
E	1012 8221	washer
F	1013 3387	spring
G	1013 4591	non-add arm. See Plate V-48 for other styles
H	1010 5393	screw
I	1032 8938	hammer head. See Printing, Section III for other styles
J	1010 4701	screw
K	1012 0202	screw
L	1013 9277	spring
M	1011 3108	spring
N	1013 3890	accumulator control arm. See Plate V-52 for other styles
O	1010 0220	clip
P	1010 4354	lock washer
Q	1013 8030	screw
R	1013 4617	throw out arm
S	1015 3963	spring
T	1010 3315	washer
U	1013 4542	sub-total arm. See Plate V-54 for other styles
V	1013 4260	total arm. See Plate V-53 for other styles
W	1019 5931	symbol indexing arm. See Plate V-55 for other styles
X	1010 4446	washer
Y	1027 2870	spring
Z	1010 0188	clip for handle shaft
Z-1	---- ----	Handle shaft
	1013 9533	10 column
	1013 9541	13 column
AB	1040 9563	right side frame. See Plate V-43 for other styles
AB-1	1216 5403	repair stud. Use 1010 0378 nut
AC	1017 3508	auxiliary repeat arm
AD	1013 4658	guide
AE	1010 0147	clip
AF	1013 7321	interlock
AG	1014 7650	spring
AH	1013 4849	key release slide. See Plate V-46 for other styles
AI	1013 9376	spring
AJ	1013 8170	shoulder screw
AK	1013 7552	washer
AL	1019 5790	repeat arm. See Plate V-47 for other styles
AM	1013 4013	front support
AN	1013 4237	eccentric
AO	1010 4248	screw
AP	1010 0402	nut
AQ	1010 4362	lock washer

SIDE FRAMES

LEFT SIDE FRAME, CLASS 8, SERIES P1200 AND P3200 HAND MACHINES (Plate V-2)

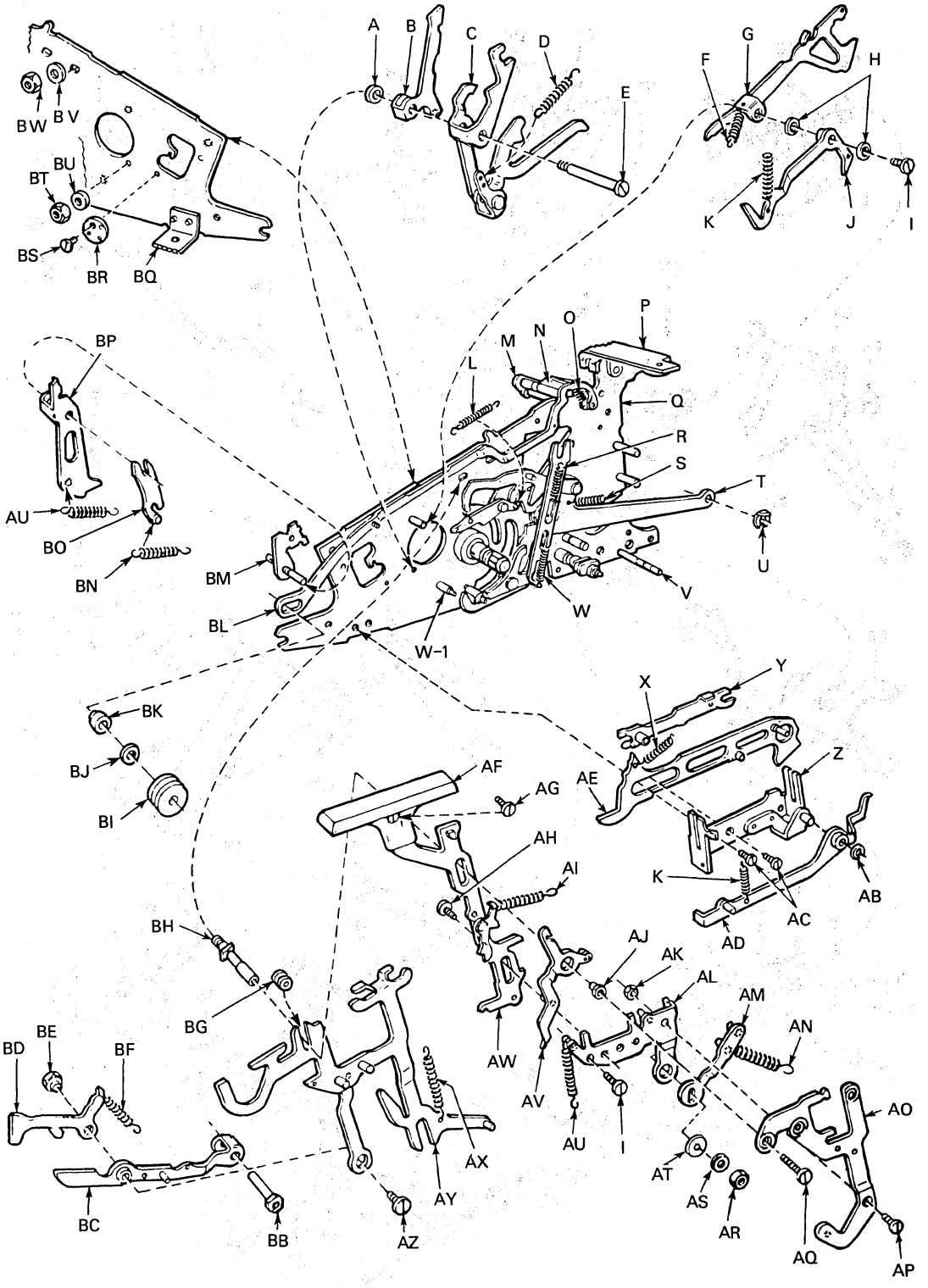


PART NUMBERS (Plate V-2)

A	1040 9472	left side frame. See Plate V-44 for other styles
B	1014 5761	spring anchor and nines limit bail
C	1014 7692	shaft for 10 column construction
	1014 7684	shaft for 13 column construction
D	1014 6264	spring
E	1256 7715	lockwasher
F	1010 0378	nut
G	1010 3380	screw
H	1023 8079	inner nut
	1010 0402	outer nut
I	1011 1029	drive pawl
J	1013 4013	front support
K	1011 1185	toggle
L	1017 1965	collar
M	1010 0220	clip
N	1013 4914	full stroke pawl. See Plate VI-10 for other styles
O	1026 7060	clip
P	1011 1102	toggle latch
Q	1026 9868	spring
R	1011 3058	spring
S	1013 4195	break hook
T	1011 3074	spring
U	1013 8030	screw
V	1013 8121	screw
W	1013 4237	eccentric
X	1010 4248	screw
Y	1011 3041	spring
Z	1011 1011	operating latch
AB	1011 1060	anchor plate
AC	1010 8702	screw
AD	1010 6615	washer
AE	1010 4354	lockwasher
AF	1012 0202	screw
AG	1010 4701	screw

SIDE FRAMES

RIGHT SIDE FRAME, CLASS 8 SIGNATURE PRINTER MECHANISM (Plate V-3)



SERIES P
ADDING, BOOKEEPING, TELLERS, VALIDATING & RECEIPTING MACHINES

SECTION
V

Burroughs

FIELD ENGINEERING

PARTS CATALOG

SIDE FRAMES

Printed in U.S. America January 1971

For Form 103 7629

SIDE FRAMES

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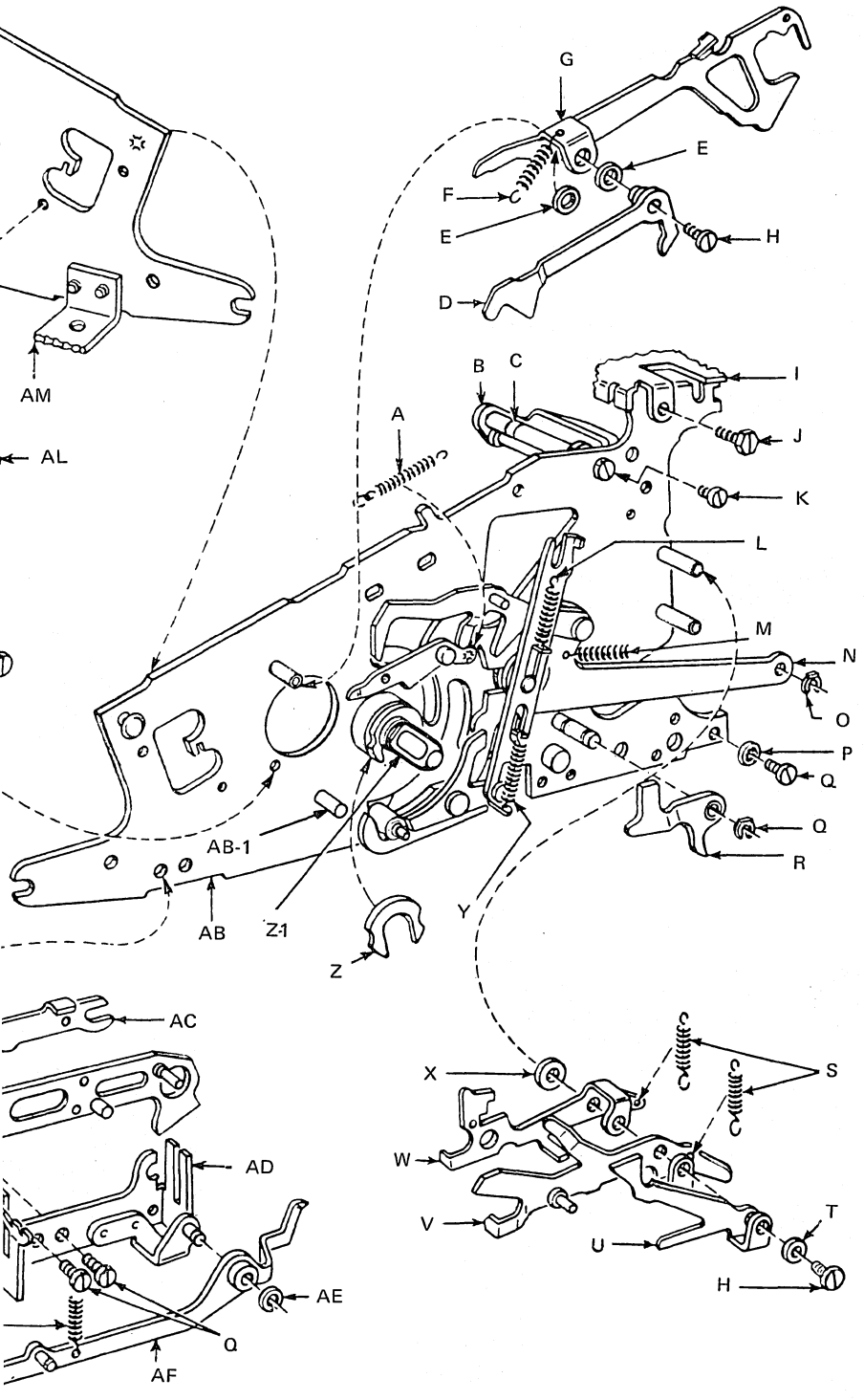
E FRAME, CLASS 8, SERIES P1200 AND P3200 HAND MACHINES
(Plate V-1)



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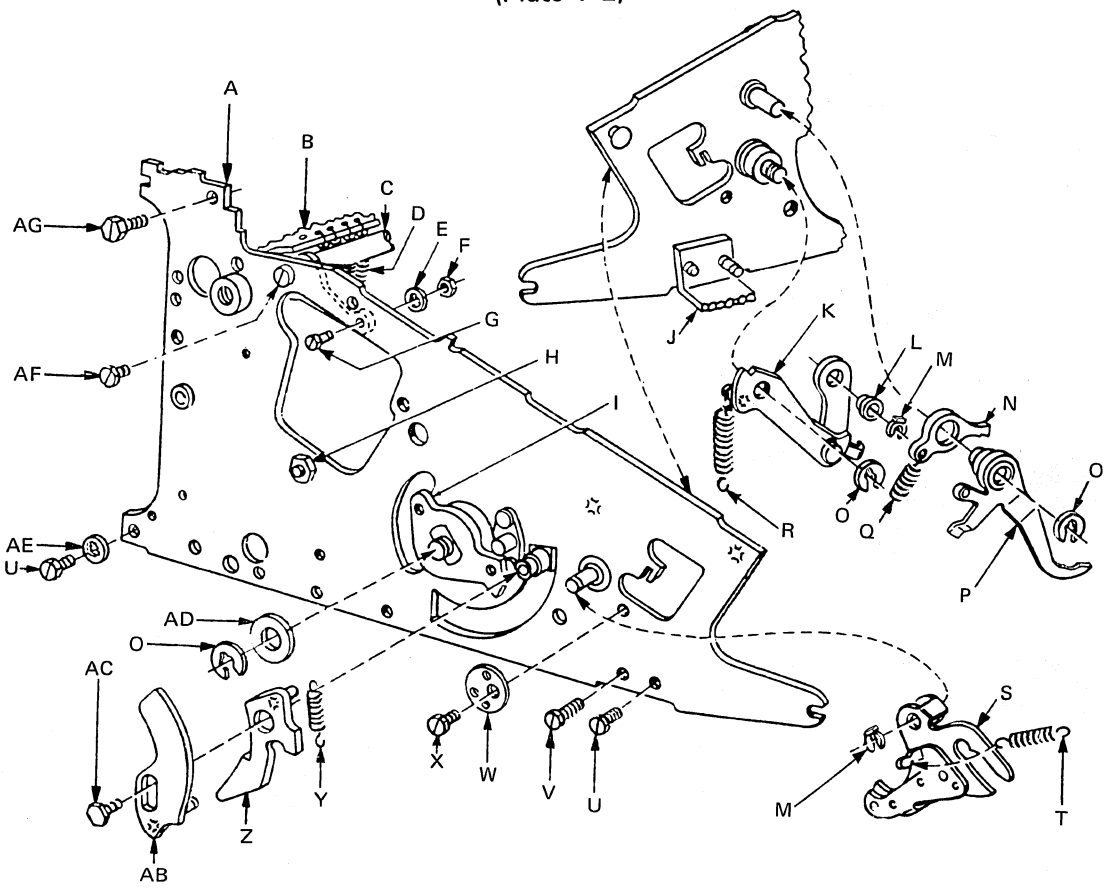
PART NUMBERS (Plate V-1)

A	1013 9285	spring with eyelet
B	1021 2983	dashpot yoke. See Plate VI-13 for other styles
C	---- ----	Shaft
	1014 7692	for 10 col. construction
	1014 7684	for 13 col. construction
D	1022 9292	error arm
E	1012 8221	washer
F	1013 3387	spring
G	1013 4591	non-add arm. See Plate V-48 for other styles
H	1010 5393	screw
I	1032 8938	hammer head. See Printing, Section III for other styles
J	1010 4701	screw
K	1012 0202	screw
L	1013 9277	spring
M	1011 3108	spring
N	1013 3890	accumulator control arm. See Plate V-52 for other styles
O	1010 0220	clip
P	1010 4354	lock washer
Q	1013 8030	screw
R	1013 4617	throw out arm
S	1015 3963	spring
T	1010 3315	washer
U	1013 4542	sub-total arm. See Plate V-54 for other styles
V	1013 4260	total arm. See Plate V-53 for other styles
W	1019 5931	symbol inde V-55 for oth
X	1010 4446	washer
Y	1027 2870	spring
Z	1010 0188	clip for han
Z-1	---- ----	Handle shaf
	1013 9533	10 column
	1013 9541	13 column
AB	1040 9563	right side fr for other sty
AB-1	1216 5403	repair stud.
AC	1017 3508	auxiliary rep
AD	1013 4658	guide
AE	1010 0147	clip
AF	1013 7321	interlock
AG	1014 7650	spring
AH	1013 4849	key release for other sty
AI	1013 9376	spring
AJ	1013 8170	shoulder scr
AK	1013 7552	washer
AL	1019 5790	repeat arm. other styles
AM	1013 4013	front suppo
AN	1013 4237	eccentric
AO	1010 4248	screw
AP	1010 0402	nut
AQ	1010 4362	lock washer

SIDE FRAMES

LEFT SIDE FRAME, CLASS 8, SERIES P1200 AND P3200 HAND MACHINES (Plate V-2)

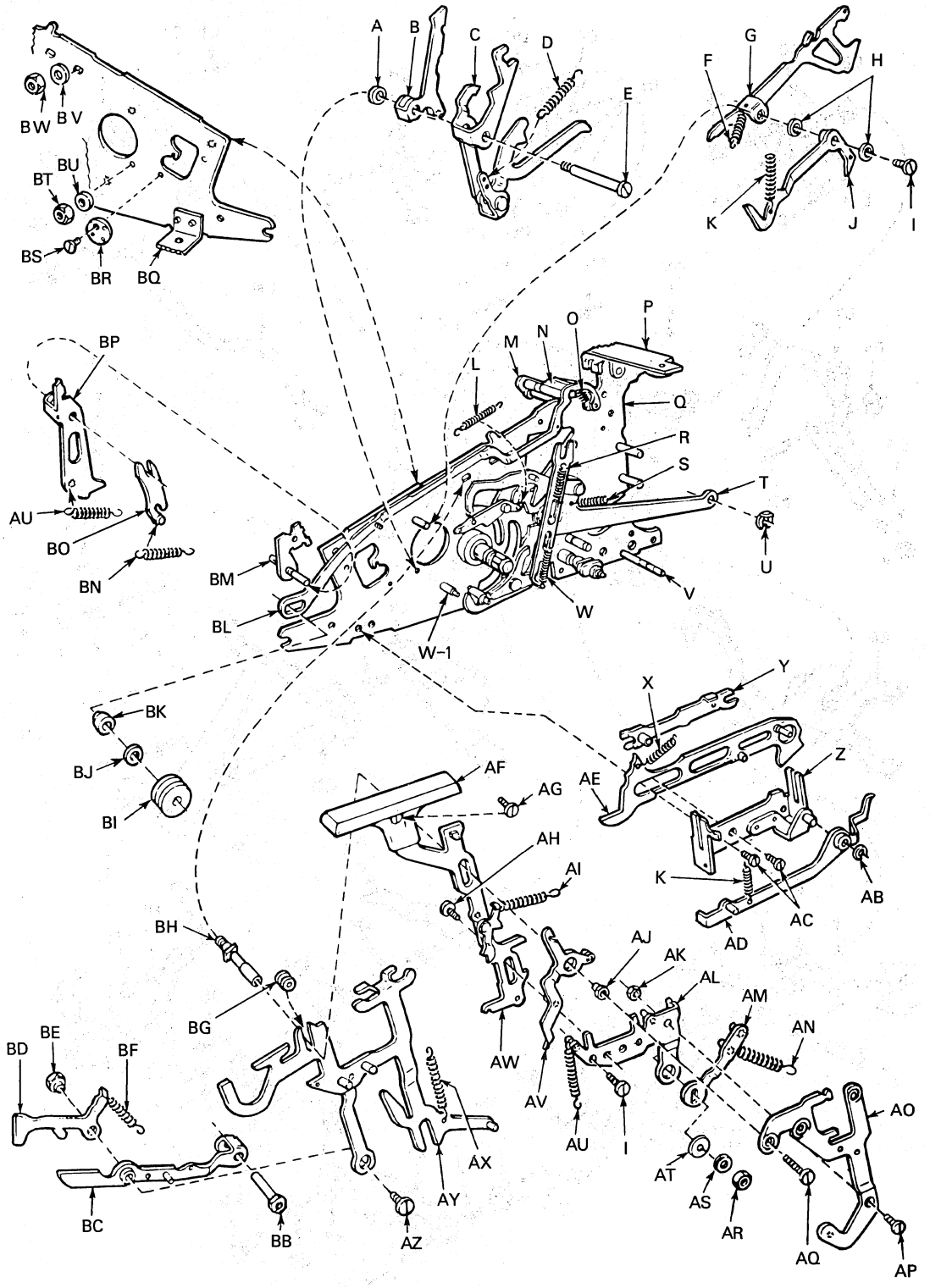


PART NUMBERS (Plate V-2)

A	1040 9472	left side frame. See Plate V-44 for other styles
B	1014 5761	spring anchor and nines limit bail
C	1014 7692	shaft for 10 column construction
	1014 7684	shaft for 13 column construction
D	1014 6264	spring
E	1256 7715	lockwasher
F	1010 0378	nut
G	1010 3380	screw
H	1023 8079	inner nut
	1010 0402	outer nut
I	1011 1029	drive pawl
J	1013 4013	front support
K	1011 1185	toggle
L	1017 1965	collar
M	1010 0220	clip
N	1013 4914	full stroke pawl. See Plate VI-10 for other styles
O	1026 7060	clip
P	1011 1102	toggle latch
Q	1026 9868	spring
R	1011 3058	spring
S	1013 4195	break hook
T	1011 3074	spring
U	1013 8030	screw
V	1013 8121	screw
W	1013 4237	eccentric
X	1010 4248	screw
Y	1011 3041	spring
Z	1011 1011	operating latch
AB	1011 1060	anchor plate
AC	1010 8702	screw
AD	1010 6615	washer
AE	1010 4354	lockwasher
AF	1012 0202	screw
AG	1010 4701	screw

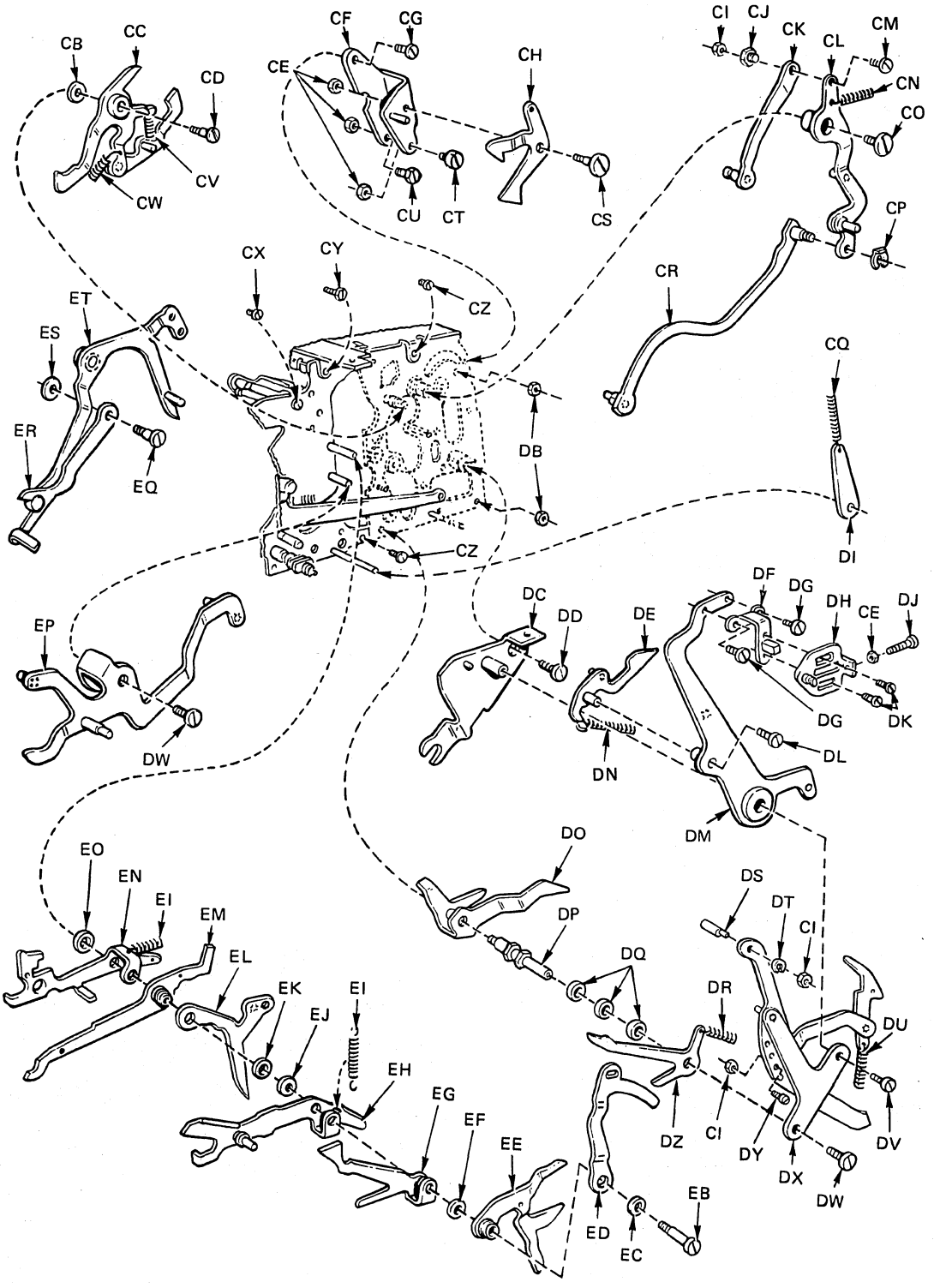
SIDE FRAMES

RIGHT SIDE FRAME, CLASS 8 SIGNATURE PRINTER MECHANISM (Plate V-3)



SIDE FRAMES

RIGHT SIDE FRAME, CLASS 8 SIGNATURE PRINTER MECHANISM (Plate V-3) CONTINUED



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PART NUMBERS (Plate V-3)

A	1013 7552	washer
B	1019 5790	repeat arm. See Plate V-47 for other styles
C	1011 1474	bellcrank
D	1013 9277	spring
E	1013 8188	shoulder screw
F	1013 3387	spring
G	1013 4575	non-add arm. See Plate V-48 for other styles
H	1012 8221	washer
I	1010 5393	screw
J	1011 5210	error arm
K	1014 7650	spring
L	1013 9285	spring
M	1021 2983	dashpot yoke. See Plate VI-13 for other styles
N	1014 7692	tie shaft
O	1027 6848	spring
P	1032 8920	hammer head
Q	1062 0912	right side frame
R	1013 9277	spring
S	1011 3108	spring
T	1013 3932	accumulator control arm. See Plate V-52 for other styles
U	1010 0220	clip
V	1013 8295	spring post
W	1027 2870	spring
W-1	1216 5403	repair post. Use 1010 0378 nut
X	1013 9376	spring
Y	1017 3508	auxiliary repeat arm
Z	1013 4666	guide for AE
AB	1010 0147	clip
AC	1013 8030	screw
AD	1013 7321	interlock
AE	1019 5923	key release slide. See Plate V-46 for other styles
AF	1028 2143	touch bar. See Plate II-8 for other styles
AG	1011 2753	screw
AH	1010 5682	screw
AI	1027 2037	spring
AJ	1011 2357	collar
AK	1010 0360	nut
AL	1011 1516	support plate
AM	1021 1761	drive trip arm. See BN, Plate VI-37 for new outline of part
AN	1026 9876	spring
AO	1011 2183	auxiliary frame
AP	1010 4719	screw
AQ	1010 9023	screw
AR	1010 0378	nut
AS	1256 7715	lockwasher
AT	1010 4164	washer
AU	1027 3209	spring
AV	1021 1886	motor bar latch
AW	1011 1938	motor bar assembly. See Plate V-50 for other styles
AX	1026 9892	spring
AY	1021 2041	motor bar. For machines equipped with latch DZ (shown), use 1021 2041 motor bar, 1021 1902 latch, 1216 2665 eccentric and 1017 6477 shoulder nut.
AZ	1035 1286	screw
BB	1013 7594	shoulder nut
BC	1013 5069	safeguard interlock. See Plate V-51 for other styles
BD	1013 4971	safeguard interlock. See Plate V-51 for other styles
BE	1010 9742	shoulder nut
BF	1011 3082	spring
BG	1011 2365	collar
BH	1021 2157	post
BI	1022 9466	roller
BJ	1026 9330	washer
BK	1022 9474	roller
BL	1011 4692	total interlock
BM	1011 3314	shaft
BN	1026 9777	spring, shown. Use 1013 3148 spring where light error key depression is omitted.
BO	1015 2569	lock plate
BP	1011 4908	rocker arm. See Plate II-18 for other styles
BQ	1013 4013	front support
BR	1013 4237	eccentric
BS	1010 4248	screw
BT	1010 0402	nut
BU	1010 4362	lockwasher
BV	1010 4354	lockwasher
BW	1010 0337	nut
CB	1010 4164	washer
CC	1019 9354	latch
CD	1020 4907	screw
CE	1010 0378	nut
CF	1019 9438	bracket
CG	1303 1364	screw
CH	1019 9446	latch
CI	1010 0469	nut
CJ	1044 2937	eccentric
CK	1019 9347	reset latchlink
CL	1019 6814	pivot arm
CM	1011 0195	screw
CN	1027 6921	spring
CO	1010 5682	screw
CP	1010 0147	clip
CQ	1014 6264	spring
CR	1013 7214	link
CS	1303 1463	screw
CT	1023 7469	screw
CU	1304 2775	screw
CV	1027 6202	spring
CW	1027 2870	spring
CX	1010 6706	screw

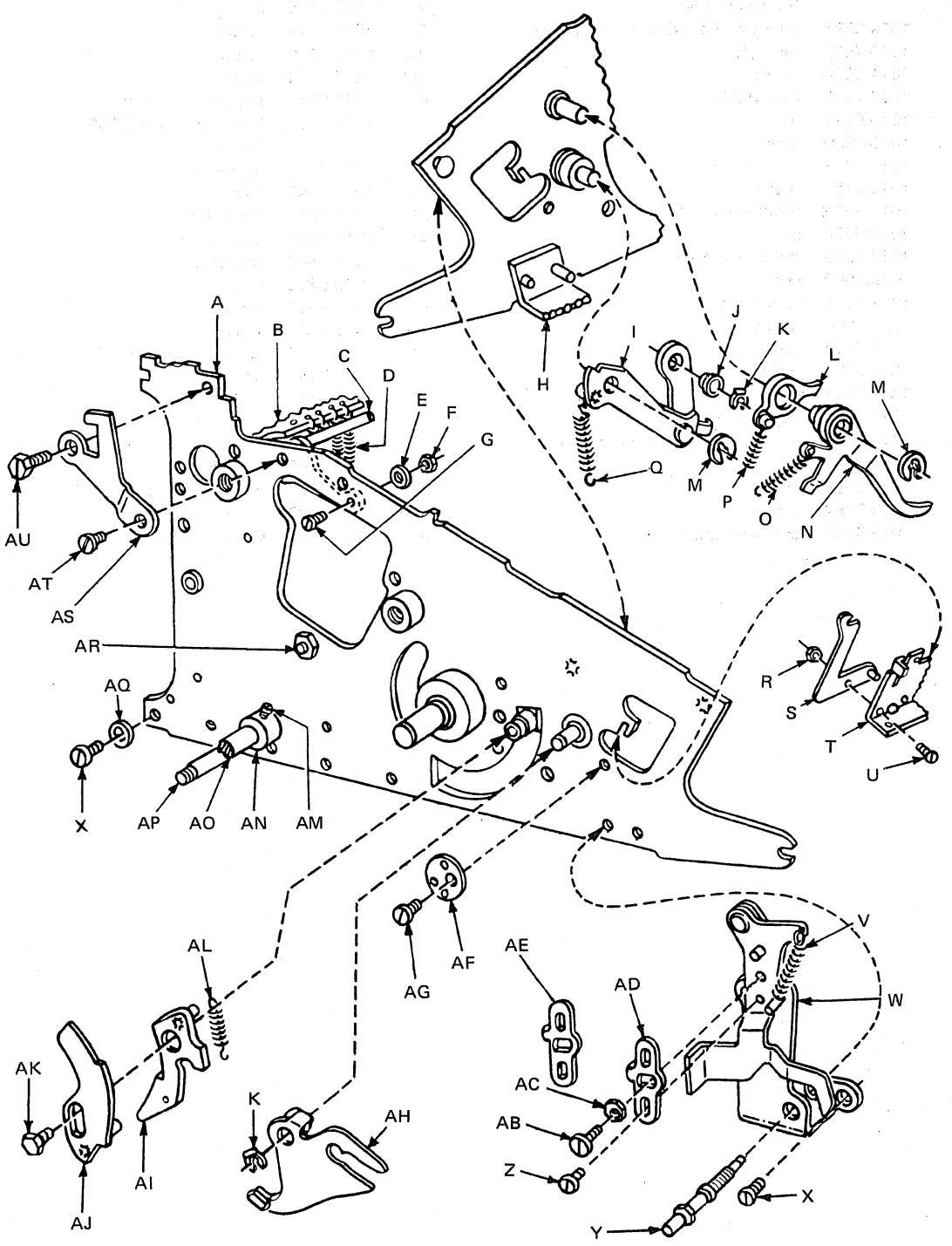
SIDE FRAMES

PART NUMBERS (Plate V-3) CONTINUED

CY	1010 4701	screw
CZ	1013 8030	screw
DB	1010 0402	nut
DC	1019 6822	support plate. Use 1017 1726 screw and 1010 0402 nut
DD	1013 1753	screw
DE	1019 9370	actuating hook
DF	1019 9339	bracket
DG	1010 4248	screw
DH	1019 9412	adjustable latch
DI	1010 0006	spring anchor
DJ	1010 9239	set screw
DK	1027 7028	screw
DL	1010 8991	screw
DM	1019 9396	actuating arm
DN	1027 3076	spring
DO	1029 3710	bellcrank
DP	1021 2173	post
DQ	1017 1510	washer
DR	1027 3209	spring
DS	1044 1863	eccentric screw
DT	1256 7426	lockwasher
DU	1027 3050	spring
DV	1010 8983	screw
DW	1010 5393	screw
DX	1019 9586	support plate and arm
DY	1023 7352	screw
DZ	1021 1902	adjustable latch. See BO, Plate VI-37 for detail. When latch is as shown, use 1021 1902 latch, 1216 2665 eccentric, 1017-6477 shoulder nut with one of motor bars 1021 1971, 1021-1985 and 1021 3296
EB	1019 7366	screw
EC	1026 9330	washer
ED	1019 9487	support arm
EE	1019 6517	control arm
EF	1010 3315	washer
EG	1013 4542	sub-total arm. See Plate V-54 for other styles.
EH	1013 4286	total arm. See Plate V-53 for other styles
EI	1015 3963	spring
EJ	1010 4925	washer
EK	1010 9155	washer
EL	1019 6368	auxiliary lever
EM	1019 6319	Lever. See Plate V-57 for other styles
EN	---- --- -	Symbol indexing arm
	1019 5931	shown
	1019 5949	with stud. See Plate V-55 for other styles
EO	1012 8221	washer
EP	1013 7198	rocker arm
EQ	1010 8017	screw } for machines with
ER	1019 6186	arm } signature printing
ES	1010 4164	washer } mechanism indexed
ET	1019 6277	lever } from motor bar
		See Plate V-57 for other styles of levers ET

SIDE FRAMES

LEFT SIDE FRAME, CLASS 8 SIGNATURE PRINTER MECHANISM (Plate V-4)



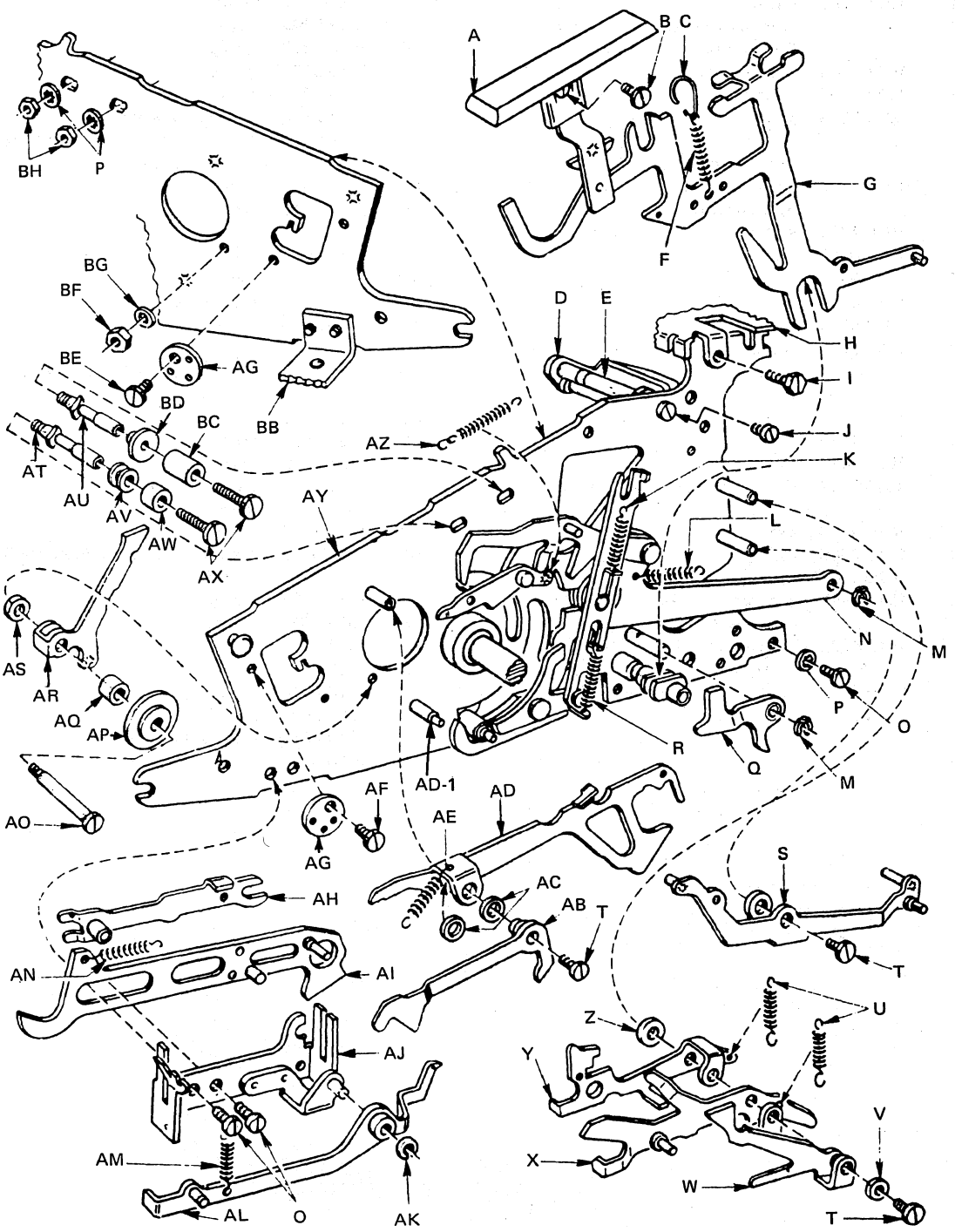
SIDE FRAMES

PART NUMBERS (Plate V-4)

A	1040 9498	left side frame. See Plate V-44 for other styles
B	1014 5761	spring anchor and nines limit bail
C	1014 7692	tie shaft
D	1014 6264	spring
E	1256 7715	lockwasher
F	1010 0378	nut
G	1010 3380	screw
H	1013 4013	front support
I	1011 1185	toggle
J	1017 1965	shouldered collar
K	1010 0220	clip
L	1013 4930	full stroke pawl
M	1026 7060	clip
N	1011 1102	toggle latch
O	1027 1989	spring
P	1013 3114	spring
Q	1011 3058	spring
R	1010 0477	nut
S	1013 4369	keyboard support
T	1013 4229	index bar guide. See Plate V-45 for other styles
U	1011 0096	screw
V	1015 2262	spring
W	1019 9537	timing assembly
X	1013 8030	screw
Y	1019 9545	post
Z	1010 5229	screw
AB	1027 7010	screw
AC	1017 9778	eccentric
AD	1019 9552	limit stop, regular
AE	1019 9560	limit stop, with .075" higher limit
AF	1013 4237	eccentric
AG	1010 4248	screw
AH	1019 5816	break hook
AI	1011 1011	drive latch
AJ	1021 1647	anchor plate
AK	1010 8702	screw
AL	1011 3041	spring
AM	1010 8967	screw
AN	1021 2124	set collar, use 1010 8967 screw
AO	1011 0757	trip shaft
AP	1011 0781	shaft
AQ	1010 4354	lockwasher
AR	1023 8079	inner nut
	1010 0402	outer nut
AS	1014 8856	hammer head support
AT	1012 0202	screw
AU	1010 4701	screw

SIDE FRAMES

RIGHT SIDE FRAME, SERIES P100 AND P2100 MACHINES (Plate V-5)



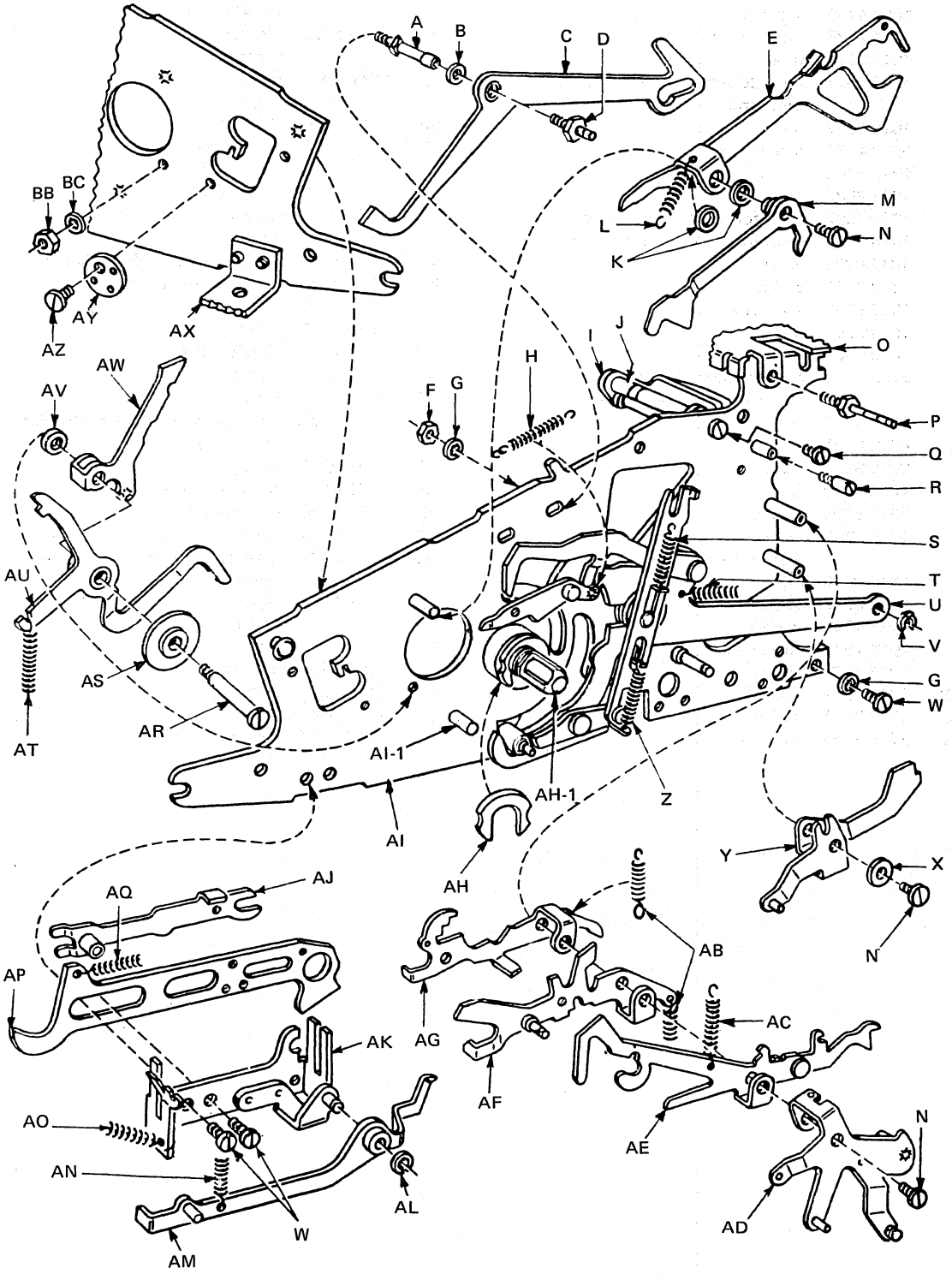
SIDE FRAMES

PART NUMBERS (Plate V-5)

A	1028 2143	touch bar, biege, blank. See Plate 11-8 for other styles
B	1011 2753	screw
C	---- ----	Wire hook no longer used. See F for spring
D	1021 2983	dashpot yoke
E	1014 7692	tie shaft
F	1035 2219	spring
G	1021 1977	motor bar. See Plate V-50 for other styles
H	1032 8938	hammer head. See Printing, Section III for other styles
I	1010 4701	screw
J	1012 0202	screw
K	1013 9277	spring
L	1011 3108	spring
M	1010 0220	clip
N	1013 3890	accumulator control arm. See Plate V-52 for other styles
O	1013 8030	screw
P	1010 4354	lockwasher
Q	1013 4625	throw out arm
R	1027 2870	spring
S	1013 5234	control arm. See Plate V-59 for other styles
T	1010 5393	screw
U	1015 3963	spring
V	1010 3315	collar
W	1013 4542	sub-total arm. See Plate V-54 for other styles
X	1013 4260	total arm. See Plate V-53 for other styles
Y	1019 5931	symbol indexing arm. See Plate V-55 for other styles
Z	1010 4446	washer
AB	1011 5210	error arm
AC	1012 8221	washer
AD	1013 4591	non-add arm. See Plate V-48 for other styles
AD-1	1216 5403	repair stud. Use 1010 0378 nut
AE	1013 3387	spring
AF	1010 5377	screw
AG	1013 4237	eccentric
AH	1017 3508	auxiliary repeat arm
AI	1019 5907	key release slide. See Plate V-46 for other styles
AJ	1013 4641	guide
AK	1010 0147	clip
AL	1013 7321	interlock arm
AM	1014 7650	spring
AN	1013 9368	spring
AO	1013 8188	shoulder screw
AP	1017 5198	shoulder collar
AQ	1017 3045	spacer
AR	1019 5790	repeat arm. See Plate V-47 for other styles
AS	1013 7552	collar
AT	1021 2157	post
AU	1021 2165	post
AV	1011 2365	flanged collar
AW	1017 4431	spacer
AX	1010 8439	screw
AY	1062 0912	right side frame. See Plate V-43 for other styles
AZ	1013 9285	spring
BB	1013 4013	front support
BC	1017 4423	spacer
BD	1010 4750	spacer
BE	1010 4248	screw
BF	1010 0402	nut
BG	1010 4362	lockwasher
BH	1010 0337	nut

SIDE FRAMES

RIGHT SIDE FRAME, CLASS 9, SERIES P1300 AND P3300 HAND MACHINES
(Plate V-6)



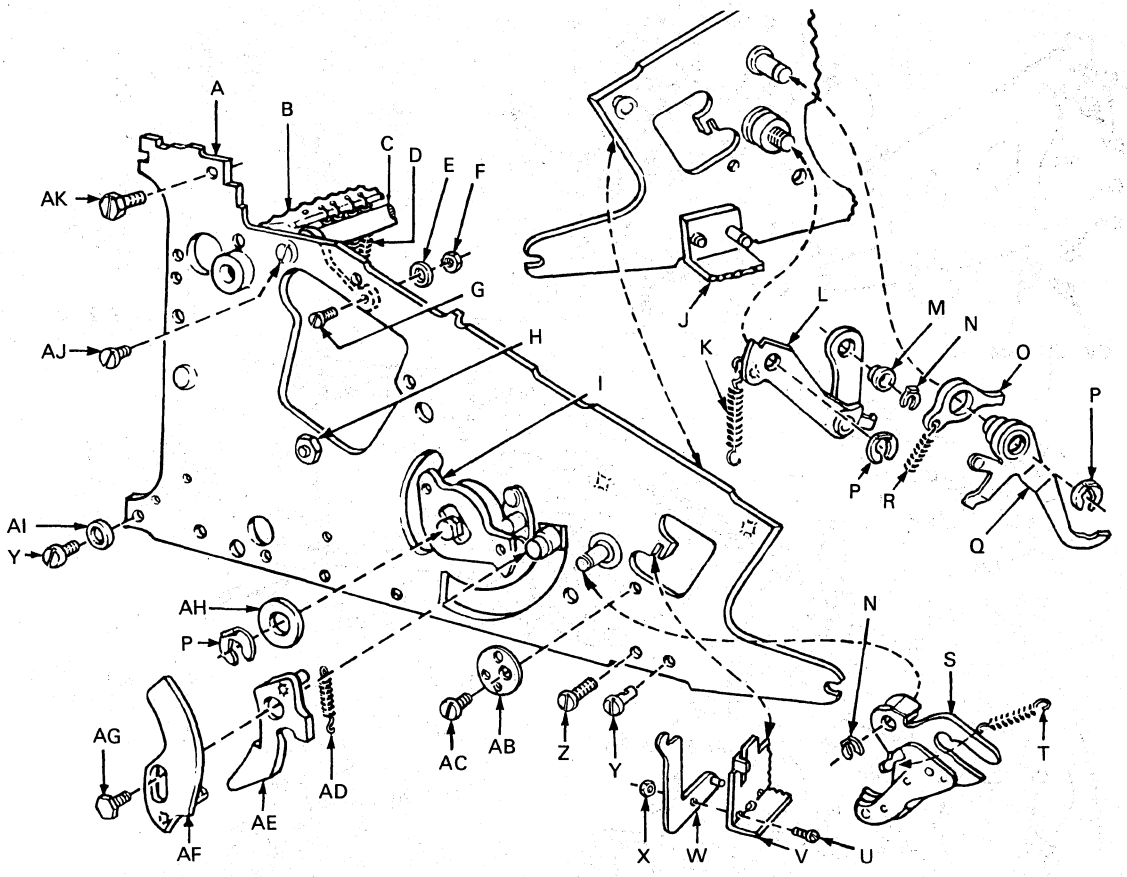
SIDE FRAMES

PART NUMBERS (Plate V-6)

A	1021 2165	post
B	1010 4750	shoulder collar
C	1011 2076	subtract control arm
D	1013 2637	screw
E	1013 4591	non-add arm. See Plate V-48 for other styles
F	1010 0337	nut
G	1010 4354	lockwasher
H	1013 9285	spring
I	1021 2983	dashpot arm
J	1014 7692	shaft for 10 col. construction
	1014 7684	shaft for 13 col. construction
K	1012 8221	washer
L	1013 3387	spring
M	1022 9292	error arm
N	1010 5393	screw (early)
	1010 6839	screw (late)
O	1032 8938	hammer head. See Printing, Section III for other styles
P	1013 8527	screw
Q	1012 0202	screw
R	1015 3914	screw
S	1013 9277	spring
T	1011 3108	spring
U	1015 2791	accumulator control arm. See Plate V-52 for other styles
V	1010 0220	clip
W	1013 8030	screw
X	1010 4289	washer
Y	1019 7572	rocker arm
Z	1027 2870	spring
AB	1015 3963	spring
AC	1027 2862	spring
AD	1019 7424	rocker arm
AE	1015 2874	sub-total arm. See Plate V-54 for other styles
AF	1015 2833	total arm. See Plate V-53 for other styles
AG	1019 5964	symbol indexing arm. See Plate V-55 for other styles
AH	1010 0188	clip
AH-1	- - - - - - - -	Handle shaft
	1013 9533	10 column
	1013 9541	13 column
AI	1032 9902	right side frame. See Plate V-43 for other styles
AI-1	1216 5403	repair stud. Use 1010 0378 nut
AJ	1017 3508	auxiliary repeat arm
AK	1013 4658	guide
AL	1010 0147	clip
AM	1013 7321	interlock arm
AN	1014 7650	spring
AO	1013 3148	spring
AP	1013 4823	key release slide. See Plate V-46 for other styles
AQ	1013 9376	spring
AR	1013 8188	shoulder screw
AS	1017 5198	shoulder collar
AT	1011 3082	spring
AU	1043 6632	interlocking latch
AV	1013 7552	collar
AW	1019 5790	repeat arm. See Plate V-47 for other styles
AX	1013 4013	front support
AY	1013 4237	eccentric
AZ	1010 4248	screw
BB	1010 0402	nut
BC	1010 4362	lockwasher

SIDE FRAMES

LEFT SIDE FRAME, CLASS 9, SERIES P1300 AND P3300 HAND MACHINES (Plate V-7)

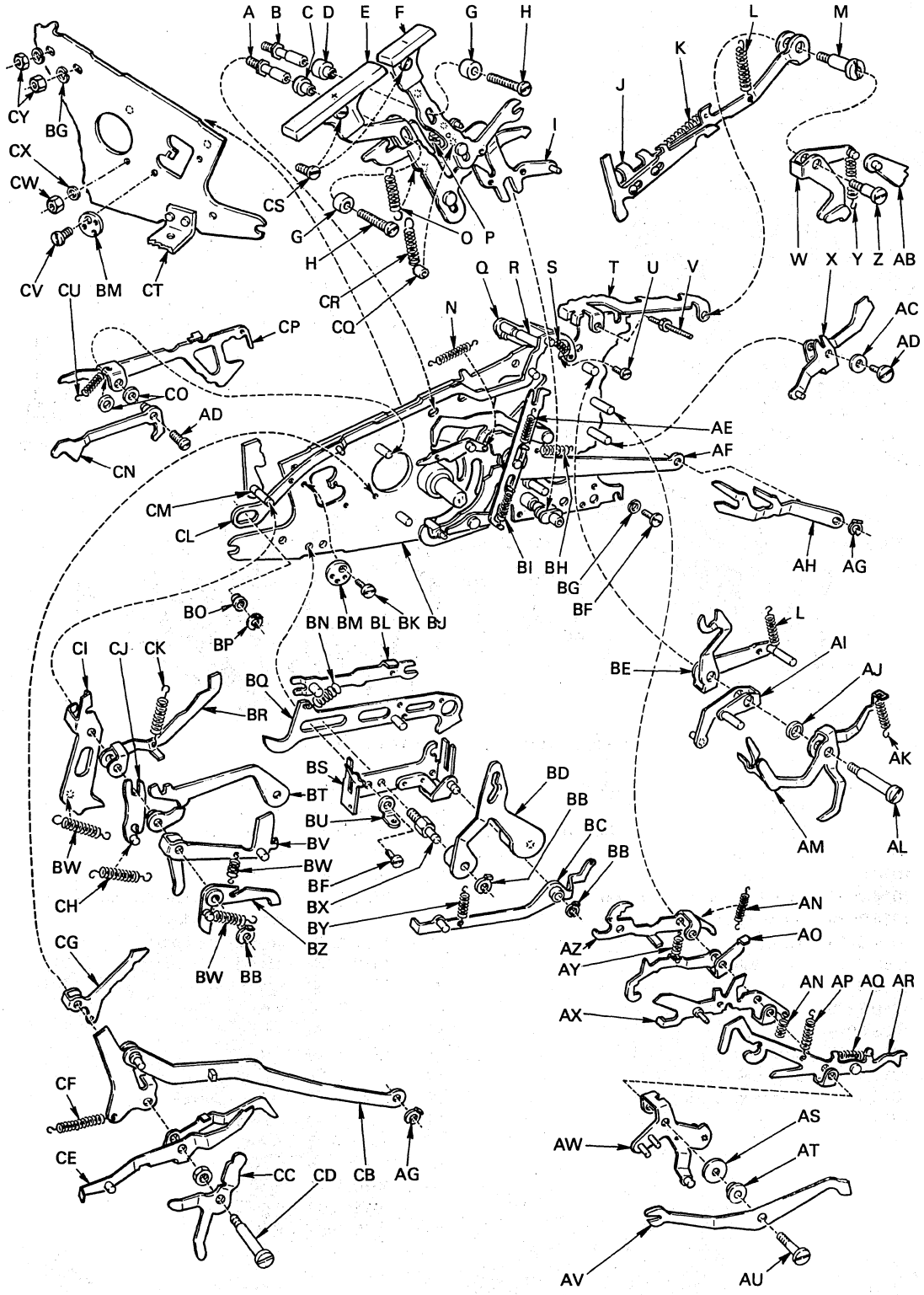


PART NUMBERS (Plate V-7)

A	1040 9472	left side frame. See Plate V-44 for other styles
B	---- ----	Spring anchor and nines limit bail
	1014 5761	10 column
	1014 5779	13 column
C	1014 7692	shaft, 10 col. construction
	1014 7684	shaft, 13 col. construction
D	1014 6264	spring
E	1256 7715	lockwasher
F	1010 0378	nut
G	1010 3380	screw
H	1023 8079	inner nut
	1010 0402	outer nut
I	1011 1029	drive pawl
J	1013 4013	front support
K	1011 3058	spring
L	1011 1185	toggle
M	1017 1965	collar
N	1010 0220	clip
O	1013 4914	full stroke pawl
P	1026 7060	clip
Q	1011 1102	toggle latch
R	1026 9868	spring
S	1013 4179	break hook
T	1011 3074	spring
U	1011 0096	screw
V	1013 4229	index bar guide. See Plate V-45 for other styles
W	1013 4369	keyboard support
X	1010 0477	nut
Y	1013 8030	screw
Z	1013 8121	screw
AB	1013 4237	eccentric
AC	1010 4248	screw
AD	1011 3041	spring
AE	1011 1011	operating latch
AF	1011 1060	anchor plate
AG	1010 8702	screw
AH	1010 6615	washer
AI	1010 4354	lockwasher
AJ	1012 0202	screw
AK	1010 4701	screw

SIDE FRAMES

RIGHT SIDE FRAME, CLASS 9 AND SERIES P1300 ELECTRIC, SERIES P200 AND P2200 MACHINES (Plate V-8)



Part Numbers On Next Page

SIDE FRAMES

PART NUMBERS (Plate V-8)

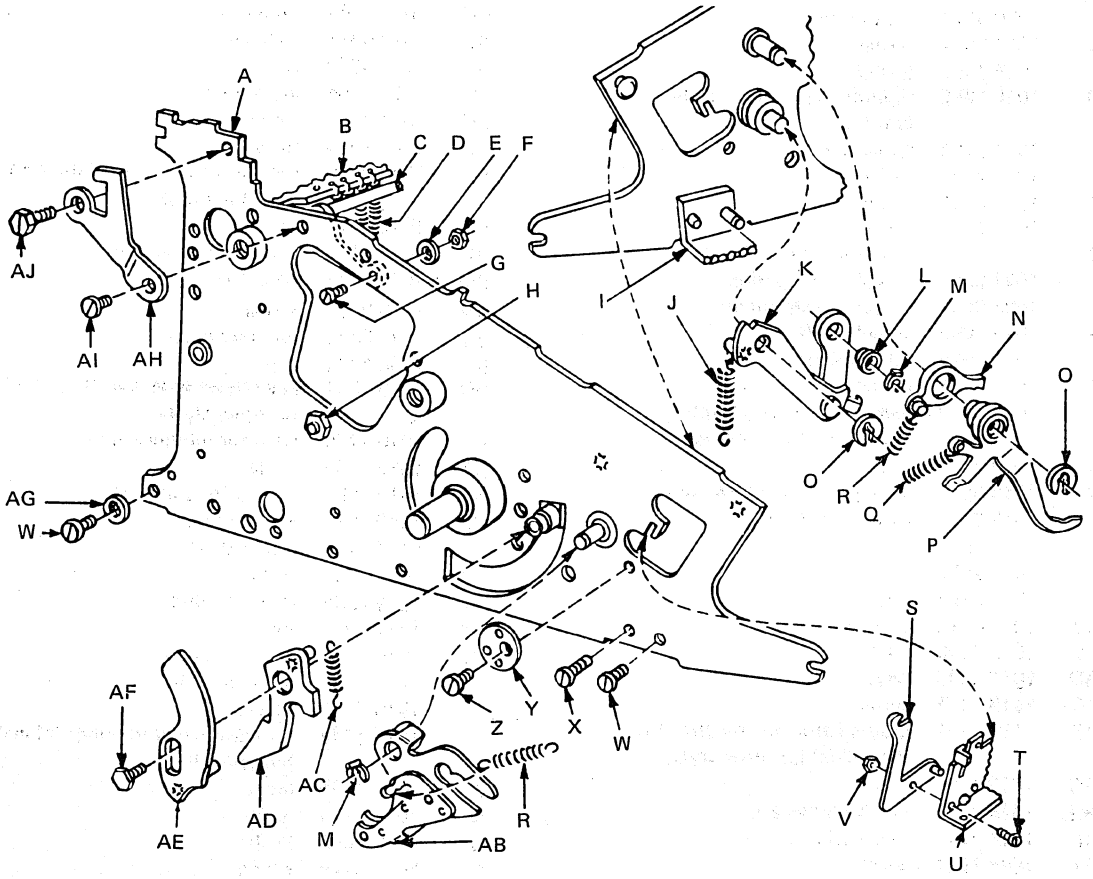
A	1021 2157	post
B	1011 2720	post
C	1011 2381	collar
D	1011 2373	collar
E	---- ----	Touch bar +
	1011 3223	beige
	1215 6311	grey
F	---- ----	Touch bar–
	1011 3231	beige
	1215 6295	grey
G	1010 5757	spacer
H	1010 8439	screw
I	1021 1985	motor bar. See Plate V-50 for other styles
J	1029 9071	control arm
K	1011 3082	spring
L	1014 7650	spring
M	1010 7845	shoulder screw is used when W is omitted
	1015 3708	screw, shown
N	1013 9285	spring
O	1011 3090	spring
P	1035 2219	spring
Q	---- ----	Dashpot yoke
	1021 2983	10 col. construction
	1021 3031	13 col. construction
R	1014 7692	10 col. shaft
	1014 7684	13 col. shaft
S	1027 6848	spring
T	1032 8938	hammer head. See Printing Section III for other styles
U	1013 2041	screw
V	1013 8527	spring post and screw stud
W	1012 6076	space control arm
X	1019 7572	rocker arm
Y	1023 7592	spring
Z	1017 2161	screw
AB	1012 6183	spacing bail
AC	1010 4289	washer
AD	1010 5393	screw
AE	1013 9277	spring
AF	1015 2791	accumulator control arm. See Plate V-52 for other styles
AG	1010 0220	clip
AH	1019 7606	quick tumble arm
AI	1015 3211	index arm
AJ	1044 1657	spacer
AK	1027 2045	spring
AL	1029 9089	screw
AM	---- ----	Part shown, no longer available See Plate V-80 for improved mechanism
AN	1015 3963	spring
AO	1019 5972	symbol indexing arm. See Plate V-55 for other styles
AP	1027 2862	spring
AQ	1026 9306	spring
AR	1015 2874	sub-total arm. See Plate V-54 for other styles
AS	1010 3927	washer
AT	1010 7399	washer
AU	1017 2211	screw
AV	1012 6217	rocker arm
AW	1043 6327	rocker arm
AX	1015 2833	total arm. See Plate V-53 for other styles
AY	1013 3346	spring
AZ	1019 5964	symbol indexing arm. See Plate V-55 for other styles
BB	1010 0147	clip
BC	1013 7321	interlock arm
BD	1015 3161	timing arm
BE	1016 9811	bellcrank
BF	1013 8030	screw
BG	1010 4354	lockwasher
BH	1011 3108	spring
BI	1027 2870	spring
BJ	1033 0066	right side frame. See Plate V-43 for other styles
BK	1010 5377	screw
BL	1017 3508	auxiliary repeat arm
BM	1013 4237	eccentric
BN	1013 9376	spring
BO	1022 9474	shoulder roller
BP	1300 1474	clip
BQ	1013 4831	key release slide. See Plate V-46 for other styles
BR	1015 2700	latch for interlock slide
BS	1013 4658	guide
BT	1015 2601	counter balance arm
BU	1010 0071	spring anchor
BV	1015 3146	interlock arm
BW	1027 3209	spring
BX	1013 8535	threaded stud
BY	1027 3076	spring
BZ	1015 3088	auxiliary latch
CB	---- ----	Subtract arm
	1015 3013	shown
	1015 3039	for machines with non-print and non-space key
CC	1015 3195	latch
CD	1015 3716	screw
CE	1015 3062	latch
CF	1013 3114	spring
CG	1019 5790	repeat arm. See Plate V-47 for other styles
CH	1026 9777	spring, shown
	1013 3148	spring, used for machines without light error key depression
CI	1011 4908	rocker arm, col. 0 See Plate II-18 for other styles
CJ	1015 2569	lock plate
CK	1027 3415	spring
CL	1011 4700	interlock link shown. See Plate

SIDE FRAMES

PART NUMBERS (Plate V-8) CONTINUED

		II-16 for other styles
CM	1011 3314	shaft
CN	1022 9292	error arm
CO	1012 8221	washer
CP	1013 4591	non-add arm. See Plate V-48 for other styles
CQ	1017 2203	collar
CR	1027 6400	spring
CS	1011 2753	screw
CT	1013 4013	front support
CU	1013 3387	spring
CV	1010 4248	screw
CW	1010 0402	nut
CX	1010 4362	lockwasher
CY	1010 0337	nut

LEFT SIDE FRAME, CLASS 9 ELECTRIC, SERIES P100, P200, P1200 AND P1300 ELECTRIC, P2100 AND P2200 MACHINES (Plate V-9)



PART NUMBERS (Plate V-9)

A	1040 9498	left side frame. See Plate V-44 for other styles
B	---- ----	Spring anchor and nines limit bail
	1014 5761	10 column
	1014 5779	13 column
C	1014 7692	shaft 10 col.
	1014 7684	shaft 13 col.
D	1014 6264	spring

Part Numbers Continued On Next Page

SIDE FRAMES

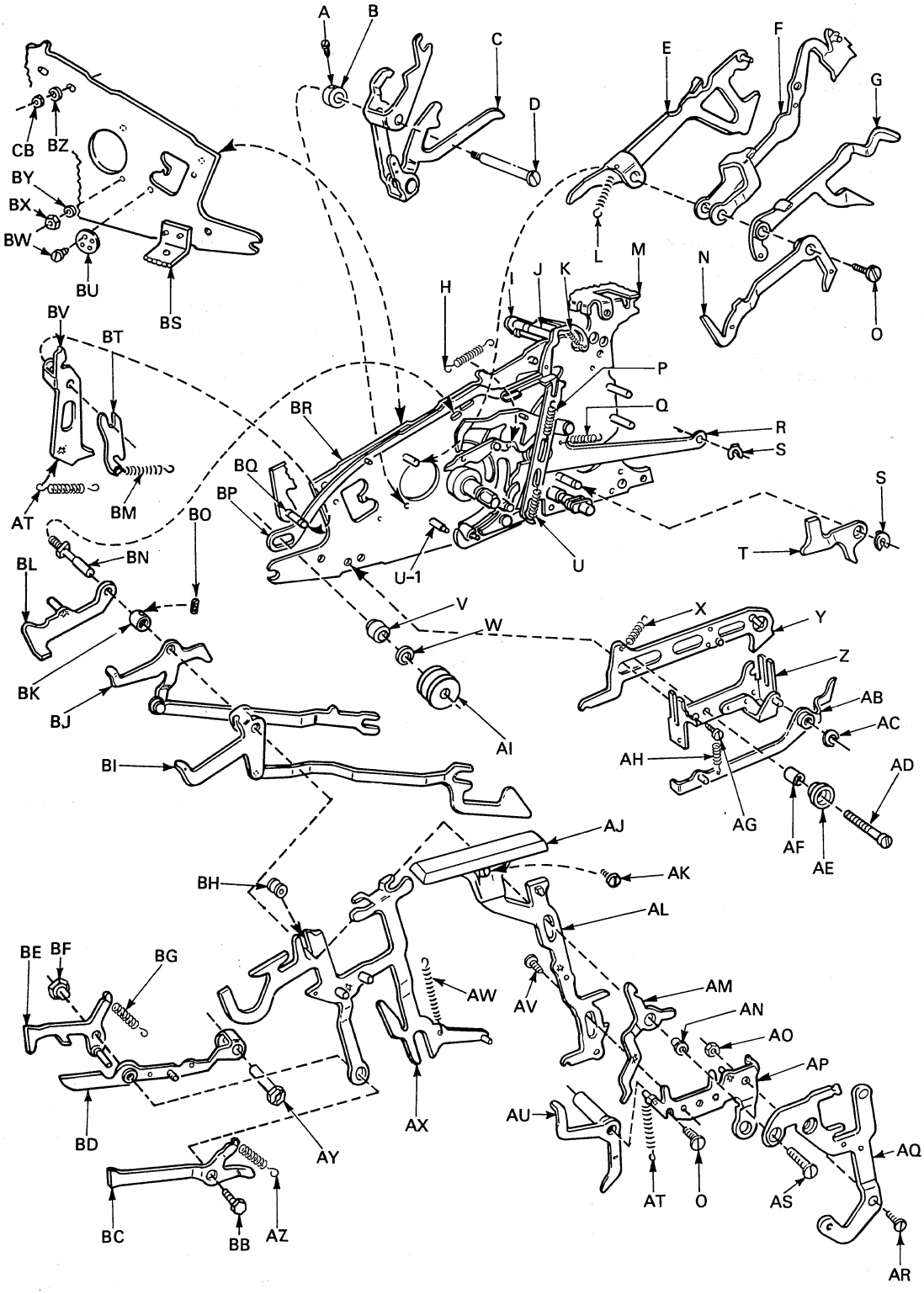
PART NUMBERS (Plate V-9) CONTINUED

E	1256 7715	lockwasher
F	1010 0378	nut
G	1010 3380	screw
H	1023 8079	inner nut
	1010 0402	outer nut
I	1013 4013	front support
J	1011 3058	spring
K	1011 1185	toggle
L	1017 1965	collar
M	1010 0220	clip
N	1013 4930	full stroke pawl
O	1026 7060	clip
P	1011 1102	toggle latch
Q	1027 1989	spring
R	1013 3114	spring
S	1013 4369	keyboard support
T	1011 0096	screw
U	1013 4229	index bar guide. See Plate V-45 for other styles
V	1010 0477	nut
W	1013 8030	screw
X	1013 8121	screw
Y	1013 4237	eccentric
Z	1010 4248	screw
AB	---- ----	Break hook
	1013 4179	for Class 9, P200, P1300, P2200
	1013 4195	for P100, P1200, P2100
AC	1011 3041	spring
AD	1011 1011	drive latch
AE	1011 1060	anchor plate
AF	1010 8702	screw
AG	1010 4354	lockwasher
AH	1014 8856	hammer head support
AI	1012 0202	screw
AJ	1010 4701	screw

SIDE FRAMES

RIGHT SIDE FRAME, CLASS 10 AND SERIES P1400 ELECTRIC MACHINES

(Plate V-10)



Part Numbers On Next Page

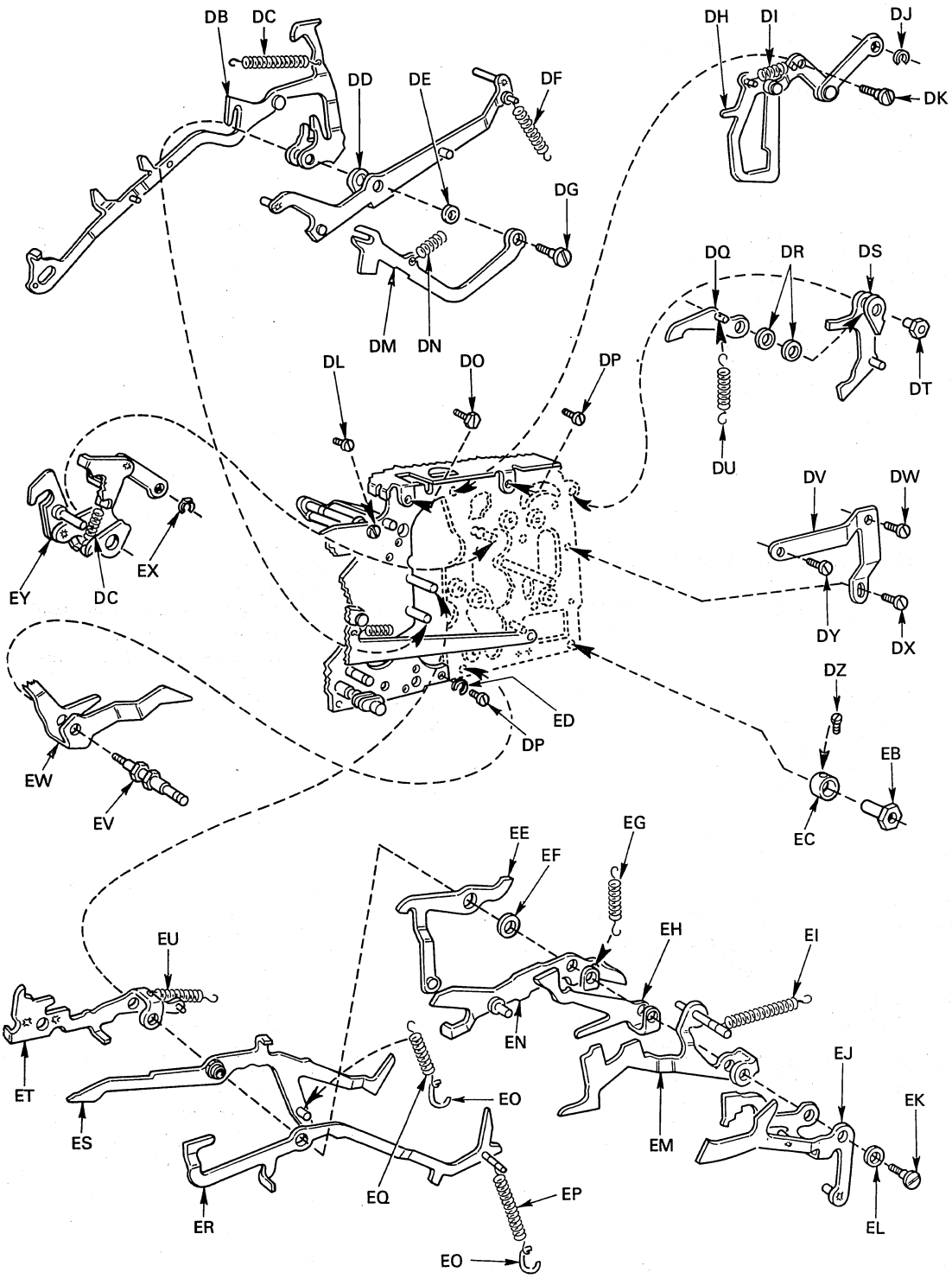
SIDE FRAMES

PART NUMBERS (Plate V-10)

A	1017 1387	screw
B	1017 0918	set collar, includes A
C	1011 1474	bellcrank. Use 1013 9277 spring
D	1013 8188	screw
E	1013 4583	non-add arm. See Plate V-48 for other styles
F	1019 6459	lever. See Plate V-49 for other styles
G	1013 7107	arm
H	1013 9285	spring
I	1021 2983	dashpot yoke
J	1014 7692	shaft
K	1027 6848	spring
L	1013 3387	spring
M	1043 0189	hammer head. See Printing, Section III for other styles
N	1011 5228	error arm
O	1010 5393	screw
P	1013 9277	spring
Q	1011 3108	spring
R	1013 3890	accumulator control arm. See Plate V-52 for other styles
S	1010 0220	clip
T	1013 4625	throw out arm
U	1027 2870	spring
U-1	1216 5403	repair stud. Use 1010 0378 nut
V	1022 9474	roller
W	1026 9330	washer
X	1013 9368	spring
Y	1019 5907	key release slide. See Plate V-46 for other styles
Z	1013 4641	guide
AB	1013 7321	interlock arm
AC	1010 0147	clip
AD	1017 1742	screw
AE	1041 5941	flanged collar
AF	1013 0458	collar
AG	1013 8030	screw
AH	1014 7650	spring
AI	1022 9466	roller
AJ	1028 2143	touch bar. See Plate II-8 for other styles
AK	1011 2753	screw
AL	1011 1961	motor bar assembly. See Plate V-50 for other styles
AM	1021 1886	motor bar latch
AN	1011 2357	collar
AO	1010 0360	nut
AP	1011 1516	support plate
AQ	1011 2183	auxiliary frame
AR	1010 4719	screw
AS	1010 9023	screw
AT	1027 3209	spring
AU	1013 5028	control arm
AV	1010 5682	screw
AW	1026 9892	spring
AX	1021 2041	motor bar. See Plate V-50 for other styles. Machines not equipped with eccentric adjustment for latch BO, Plate VI-37, use 1021 2041 motor bar, 1021 1902 latch, 1216 2665 eccentric and 1017 6477 shoulder nut.
AY	1013 7594	shoulder nut
AZ	1027 7564	spring
BB	1018 0057	screw
BC	1013 4997	safeguard interlock. See Plate V-51 for other styles
BD	1013 5069	safeguard interlock. See Plate V-51 for other styles
BE	1013 4963	safeguard interlock. See Plate V-51 for other styles
BF	1010 9742	shoulder nut
BG	1011 3082	spring
BH	1011 2365	collar
BI	1011 1292	lever. See Plate V-60 for other styles
BJ	1011 1359	lever. See Plate V-61 for other styles
BK	1015 1611	set collar, includes BO
BL	1011 1805	arm
BM	1026 9777	spring
BN	1021 2157	post
BO	1011 0070	screw
BP	1011 4759	interlock link. See Plate II-16 for other styles
BQ	1011 3314	shaft
BR	1040 9571	right side frame. See Plate V-43 for other styles
BS	1013 4013	front support
BT	1015 2569	lock plate
BU	1013 4237	eccentric
BV	1011 4908	rocker arm for column 0. See Plate II-18 for other styles
BW	1010 4248	screw
BX	1010 0402	nut
BY	1010 4362	lockwasher
BZ	1010 4354	lockwasher
CB	1010 0337	nut

SIDE FRAMES

RIGHT SIDE FRAME, CLASS 10 AND SERIES P1400 MACHINES (Plate V-11)



Part Numbers On Next Page

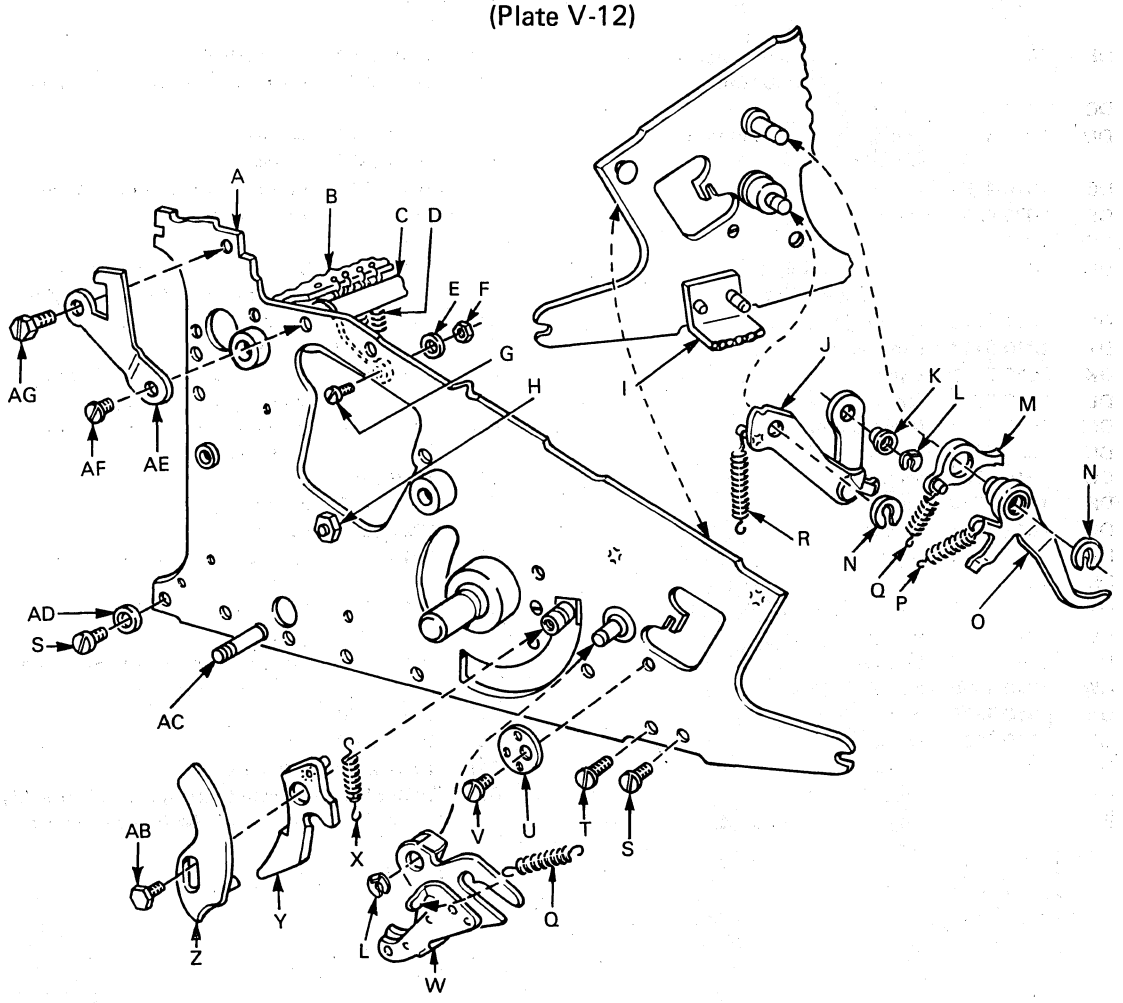
SIDE FRAMES

PART NUMBERS (Plate V-11)

DB	1013 5507	accumulator control link shown. See Plate V-58 for other styles
DC	1014 7650	spring
DD	1013 5150	actuating arm. See Plate V-59 for other styles
DE	1010 4164	washer
DF	1026 9900	spring
DG	1010 8017	screw
DH	1013 5416	register meshing control assembly. See Plate V-64 for other styles
DI	1011 3074	spring
DJ	1010 0147	clip
DK	1010 7803	screw
DL	1012 0202	screw
DM	1013 7222	latching arm
DN	1027 7424	spring
DO	1010 4701	screw
DP	1013 8030	screw
DQ	1015 1108	detent
DR	1027 7184	washer
DS	1015 1116	detent
DT	1010 8595	shoulder nut
DU	1014 7635	spring
DV	1014 9193	bracket
DW	1010 4685	screw
DX	1010 5377	screw
DY	1010 5393	screw
DZ	1010 5195	screw
EB	1015 1678	shoulder nut
EC	1027 2920	set collar, includes DZ
ED	1010 4354	lockwasher
EE	1013 5812	lever. See Plate V-57 for other styles
EF	1012 8221	washer
EG	1015 3963	spring
EH	1013 4542	sub-total arm. See Plate V-54 for other styles
EI	1013 9293	spring
EJ	1019 6087	auxiliary symbol indexing arm. See Plate V-56 for other styles
EK	1010 5930	screw
EL	1026 9330	washer
EM	1013 4559	sub-total control arm. See Plate V-54 for other styles
EN	1013 4286	total arm. See Plate V-53 for other styles
EO	1026 6252	clip
EP	1027 2037	spring
EQ	1027 6392	spring
ER	1013 5788	lever. See Plate V-57 for other styles
ES	1013 5804	lever. See Plate V-57 for other styles
ET	1019 6012	symbol indexing arm. See Plate V-55 for other styles
EU	1027 2730	spring
EV	1011 2860	post
EW	1010 0220	bellcrank
EX	1013 5382	register meshing control assembly. See Plate V-64 for other styles

SIDE FRAMES

LEFT SIDE FRAME, CLASS 10 AND SERIES P1400 ELECTRIC MACHINES (Plate V-12)

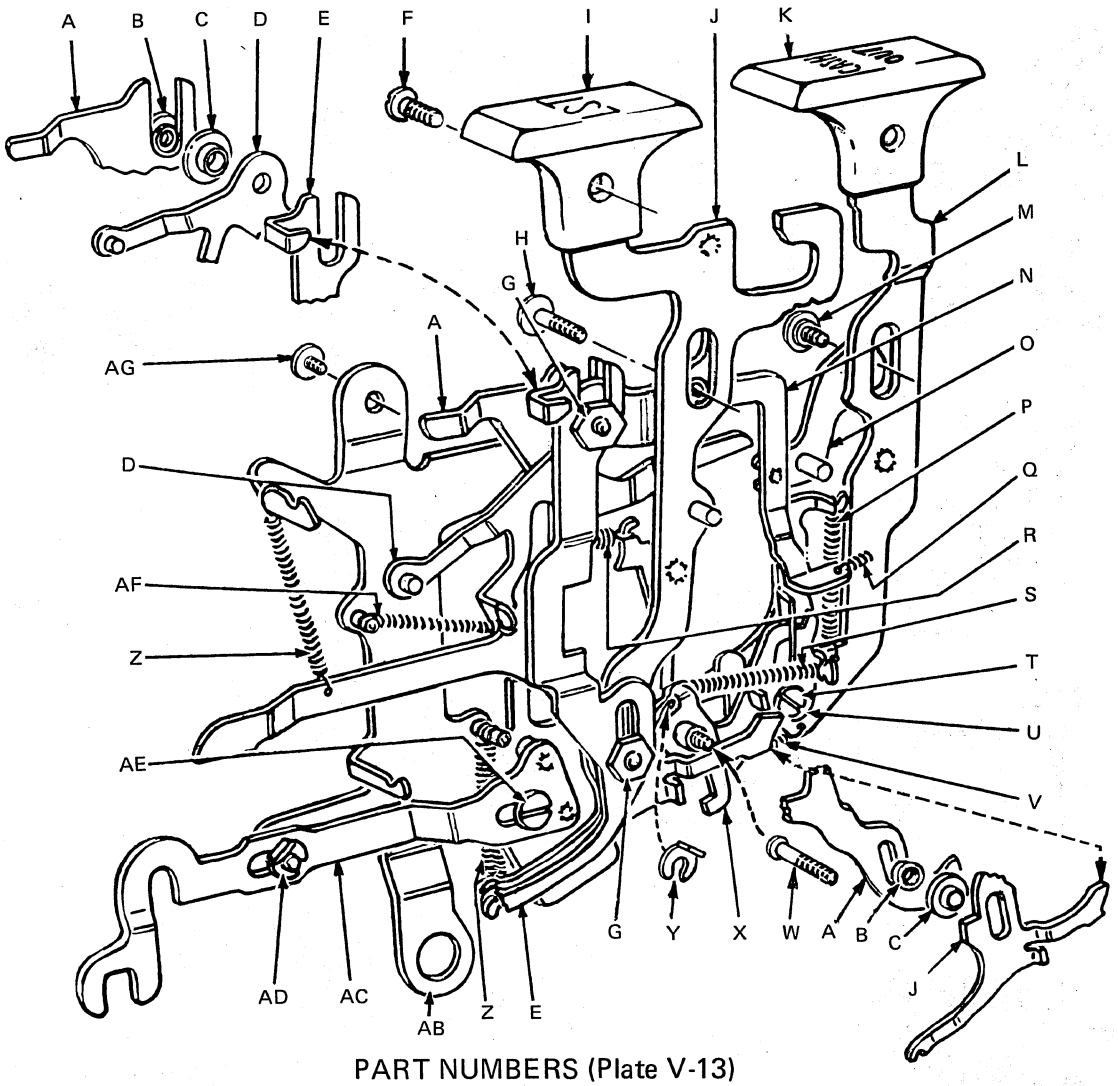


PART NUMBERS (Plate V-12)

A	1040 9472	left side frame. See Plate V-44 for other styles
B	1014 5761	spring anchor and nines limit bail
C	1014 7692	shaft
D	1014 6264	spring
E	1256 7715	lockwasher
F	1010 0378	nut
G	1010 3380	screw
H	1023 8079	inner nut
	1010 0402	outer nut
I	1013 4013	front support
J	1011 1185	toggle
K	1017 1965	collar
L	1010 0220	clip
M	1013 4930	full stroke pawl
N	1026 7060	clip
O	1011 1102	toggle latch
P	1027 1989	spring
Q	1013 3114	spring
R	1011 3058	spring
S	1013 8030	screw
T	1013 8121	screw
U	1013 4237	eccentric
V	1010 4248	screw
W	1013 4195	break hook
X	1011 3041	spring
Y	1011 1011	drive latch
Z	1011 1060	anchor plate
AB	1010 8702	screw
AC	1011 0781	shaft
AD	1010 4354	lockwasher
AE	1014 8856	hammer head support
AF	1012 0202	screw
AG	1010 4701	screw

SIDE FRAMES

MOTOR BAR ASSEMBLY, CLASS 10 THREE REGISTER MACHINES (Plate V-13)

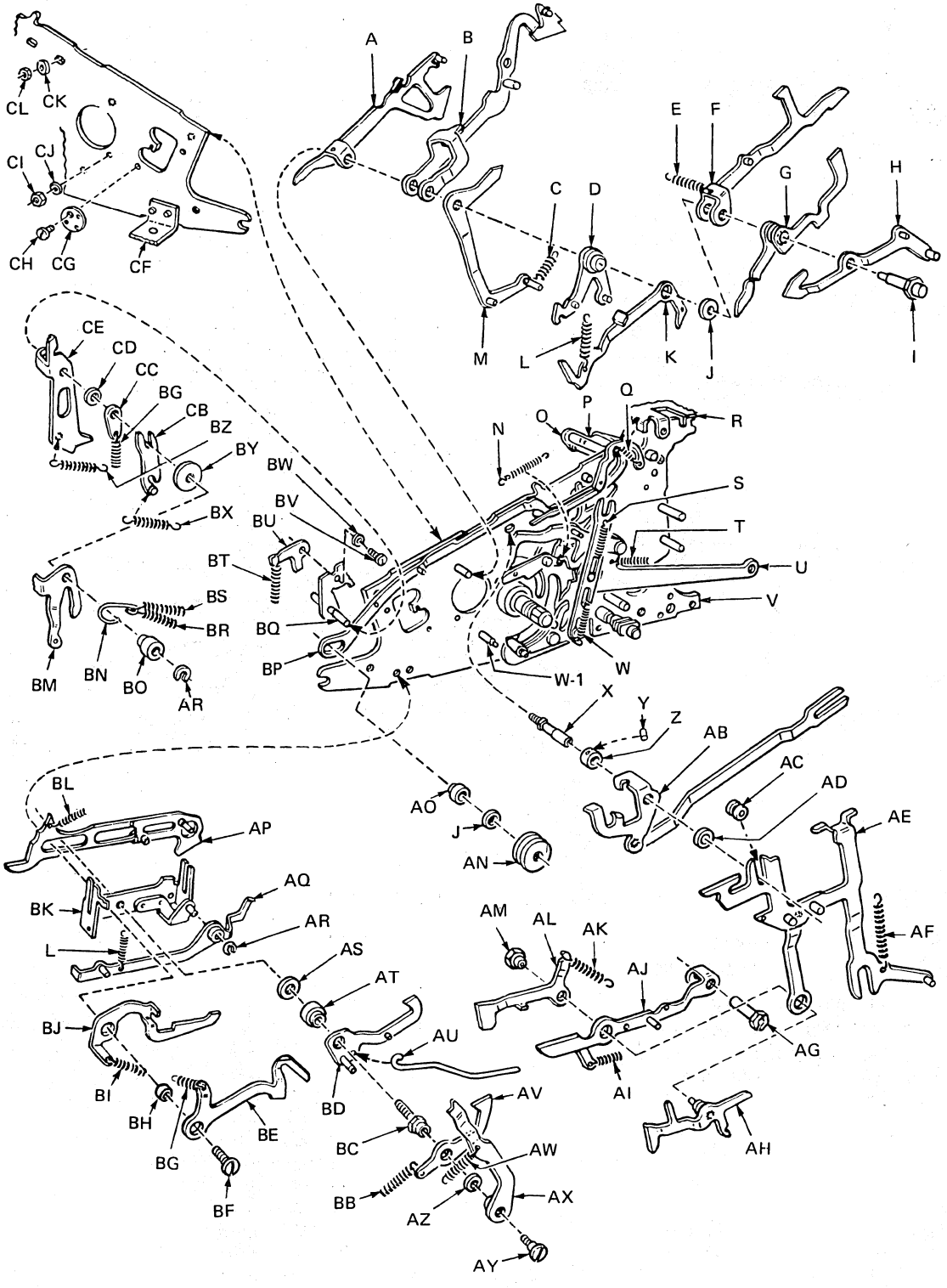


PART NUMBERS (Plate V-13)

A	1011 2035	motor bar
B	1010 4750	shoulder bushing
C	1017 4852	collar
D	1013 6612	bellcrank
E	1011 2050	motor bar
F	1010 3836	screw
G	1338 7402	shoulder nut
H	1044 2796	screw
I	1011 3207	touch bar
J	1011 2019	motor bar
K	1011 3181	touch bar
L	1011 2043	motor bar
M	1018 0115	screw
N	1011 1391	motor bar latch
O	1011 1417	motor bar latch
P	1027 6905	spring
Q	1013 9277	spring
R	1027 6202	spring
S	1027 3258	spring
T	1015 2171	shoulder screw
U	1011 1433	latch
V	1304 2973	spring
W	1018 0081	screw
X	1011 1425	latch
Y	1300 1417	clip
Z	1013 9368	spring
AB	1011 1532	auxiliary panel
AC	1011 1557	sliding link
AD	1010 0220	clip
AE	1340 2938	screw
AF	1027 7705	spring
AG	1017 2369	screw

SIDE FRAMES

RIGHT SIDE FRAME, CLASS 10 MACHINES, THREE REGISTER CONSTRUCTION
(Plate V-14)



Part Numbers On Next Page

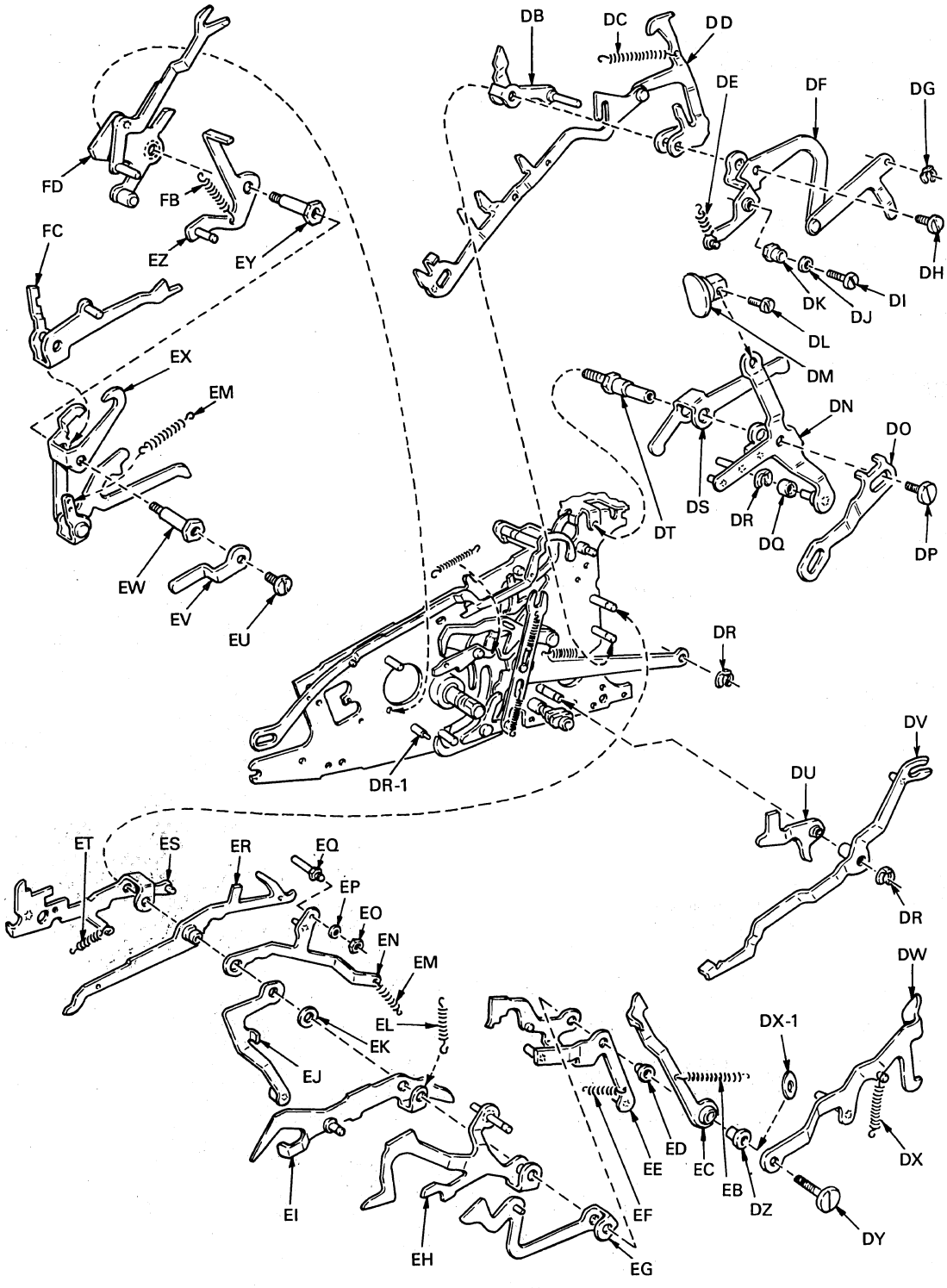
SIDE FRAMES

PART NUMBERS (Plate V-14)

A	1013 4583	non-add arm. See Plate V-48 for other styles
B	1019 6483	control arm. See Plate V-49 for other styles
C	1027 6400	spring
D	1013 7446	latch
E	1026 9454	spring
F	1013 5952	control arm. See Plate V-49 for other styles
G	1013 5929	rocker arm. See Plate V-49 for other styles
H	1011 1680	bellcrank
I	1017 6709	shoulder screw
J	1026 9330	washer
K	1011 5236	error arm
L	1014 7650	spring
M	1013 6588	interlock control arm
N	1013 9285	spring
O	1021 2983	dashpot yoke. See Plate VI-13 for other styles
P	1014 7692	tie shaft
Q	1027 6848	spring
R	1032 8904	hammer head. See Printing Section III for other styles
S	1013 9277	spring
T	1011 3108	spring
U	1013 3973	accumulator control arm. See Plate V-52 for other styles
V	1013 4427	right side frame. See Plate V-43 for other styles
W	1027 2870	spring
W-1	1216 5403	repair stud, use 1010 0378 nut
X	1021 2157	post
Y	1011 0070	screw
Z	1015 1611	set collar, includes Y
AB	1011 1300	bellcrank. See Plate V-60 for other styles
AC	1011 2365	bushing
AD	1012 8221	washer
AE	1021 2082	motor bar. See Plate V-50 for other styles
AF	1026 9892	spring
AG	1013 7594	hex, shoulder nut
AH	1013 5044	safeguard interlock. See Plate V-51 for other styles
AI	1044 1921	spring
AJ	1040 9639	arm. See Plate V-51 for other styles
AK	1011 3082	spring
AL	1013 4948	safeguard interlock. See Plate V-51 for other styles
AM	1017 6477	nut
AN	1022 9466	roller
AO	1022 9474	roller
AP	1019 5923	key release slide. See Plate V-46 for other styles
AQ	1013 7321	interlock arm
AR	1010 0147	clip
AS	1023 7493	washer
AT	1010 7795	shoulder collar
AU	1010 7878	wire
AV	1013 5333	latch
AW	1027 2805	spring
AX	1013 7404	interlock
AY	1023 7154	screw
AZ	1010 4164	washer
BB	1027 7572	spring
BC	1013 8048	screw
BD	1010 7589	latch
BE	1013 7354	latch
BF	1013 8733	screw
BG	1013 9368	spring
BH	1013 7768	collar
BI	1027 6871	spring
BJ	1013 7487	control hook
BK	1013 4666	guide
BL	1223 5834	spring
BM	1022 9318	bail. See Plate II-19 for other styles
BN	1026 6252	spring anchor
BO	1010 3547	shoulder collar
BP	1011 4767	interlock link. See Plate II-16 for other styles
BQ	1011 3314	shaft
BR	1027 6863	spring
BS	1044 2978	spring
BT	1027 1989	spring
BU	1011 3611	spring anchor
BV	1012 0210	screw
BW	1256 7699	lockwasher
BX	1026 9355	spring
BY	1010 8736	washer
BZ	1027 6301	spring
CB	1015 2569	lock plate
CC	1013 9905	spring anchor
CD	1011 5772	washer
CE	1011 4916	rocker arm. See Plate II-18 for other styles
CF	1013 4013	front support
CG	1013 4237	eccentric
CH	1010 4248	screw
CI	1010 0402	nut
CJ	1010 4362	lockwasher
CK	1010 4354	lockwasher
CL	1010 0337	nut

SIDE FRAMES

RIGHT SIDE FRAME, CLASS 10 MACHINES, THREE REGISTER CONSTRUCTION (Plate V-15)



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SIDE FRAMES

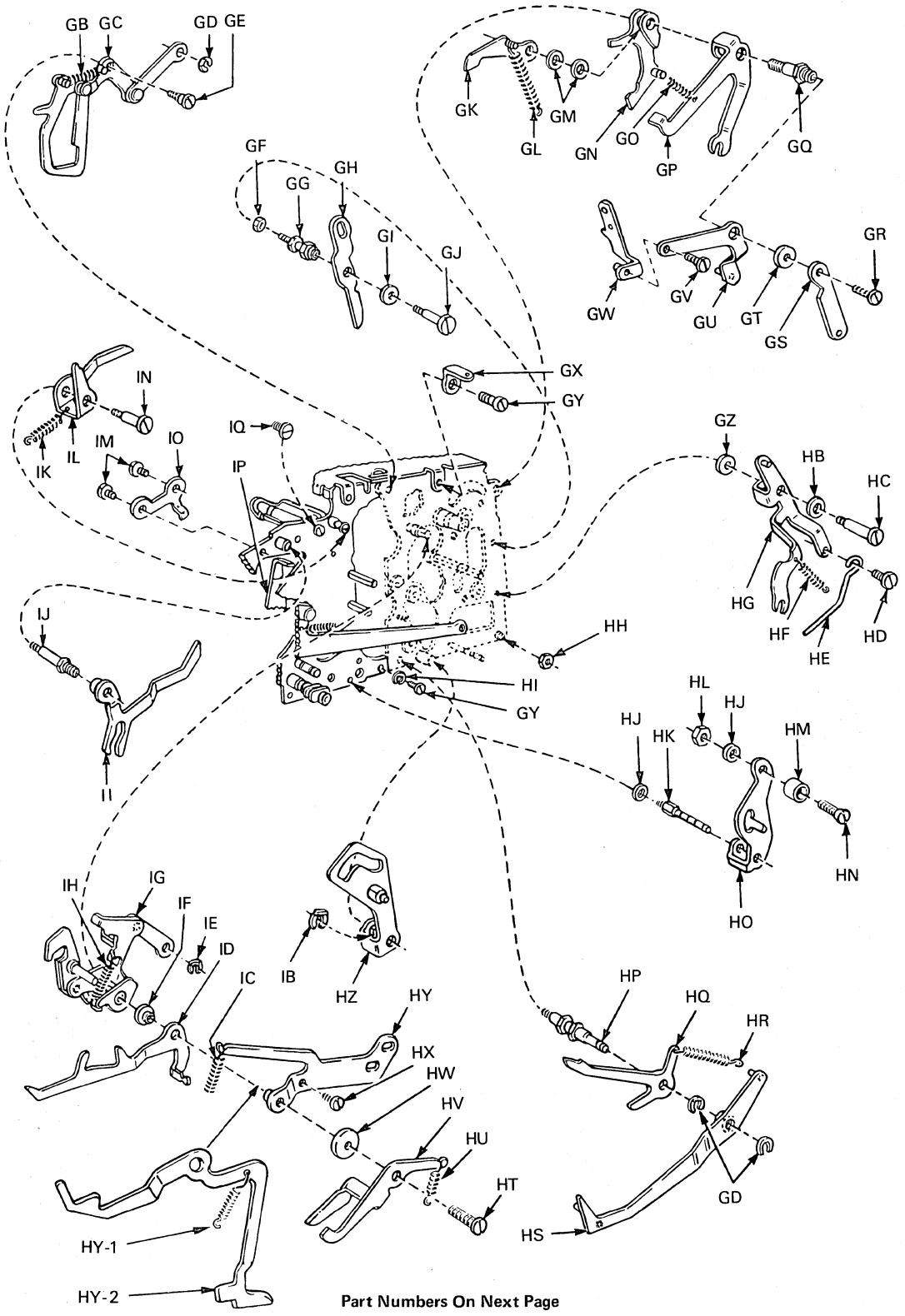
PART NUMBERS (Plate V-15)

DB	1013 4906	symbol bellcrank
DC	1027 6590	spring
DD	1013 5556	accumulator control link. See Plate V-58 for other styles
DE	1044 2978	spring
DF	1015 1199	register selection bellcrank
DG	1010 0212	clip
DH	1010 5393	screw
DI	1017 2849	screw
DJ	1256 7715	lockwasher
DK	1017 9844	eccentric
DL	1010 3380	screw
DM	1013 9491	finger piece
DN	1013 6471	normalizing lever, includes DQ and DR. See Plate V-63 for other styles
DO	1013 6463	link
DP	1010 7811	screw
DQ	1010 5567	roller
DR	1010 0147	clip
DR-1	1216 5403	repair stud. Use 1010 0378 nut
DS	1013 7081	rocker arm
DT	1013 8626	post
DU	1013 4625	throw out arm
DV	1013 6661	control arm
DW	1017 0496	non-space arm
DX	1028 7142	spring
DX-1	1010 4446	washer
DY	1013 9079	screw
DZ	1035 1179	flanged collar
EB	1027 7523	spring
EC	1013 6653	release arm
ED	1010 5880	flanged collar
EE	1019 6111	auxiliary indexing arm. See Plate V-56 for other styles
EF	1026 9413	spring
EG	1013 6513	sub-total arm
EH	1013 4518	register 'B' control arm. See Plate V-54 for other styles
EI	1013 4294	total arm. See Plate V-53 for other styles
EJ	1013 5762	rocker arm. See Plate V-57 for other styles
EK	1010 6326	washer
EL	1015 3963	spring
EM	1027 6392	spring
EN	---- ----	Early part shown (without stud for EM) no longer available. Use 1013 5705 rocker arm, 1014 9219 bracket, 1020 1119 latch, 1027 2839 spring.
	1013 5705	rocker arm with stud anchor for EM
EO	1010 0469	nut
EP	1256 7699	lockwasher
EQ	1013 8857	screw stud
ER	1019 6293	rocker arm. See Plate V-57 for other styles
ES	1019 6038	symbol indexing arm. See Plate V-55 for other styles
ET	1027 6574	spring
EU	1010 5229	screw
EV	1013 7412	brace
EW	1013 9186	hex.screw
EX	1011 1490	release latch
EY	1018 0099	shoulder screw
EZ	1013 7396	interlock
FB	1014 7650	spring
FC	1013 5960	register selecting arm. See Plate V-49 for other styles
FD	1013 7453	forked arm

SIDE FRAMES

RIGHT SIDE FRAME, CLASS 10 MACHINES, THREE REGISTER CONSTRUCTION

(Plate V-16)



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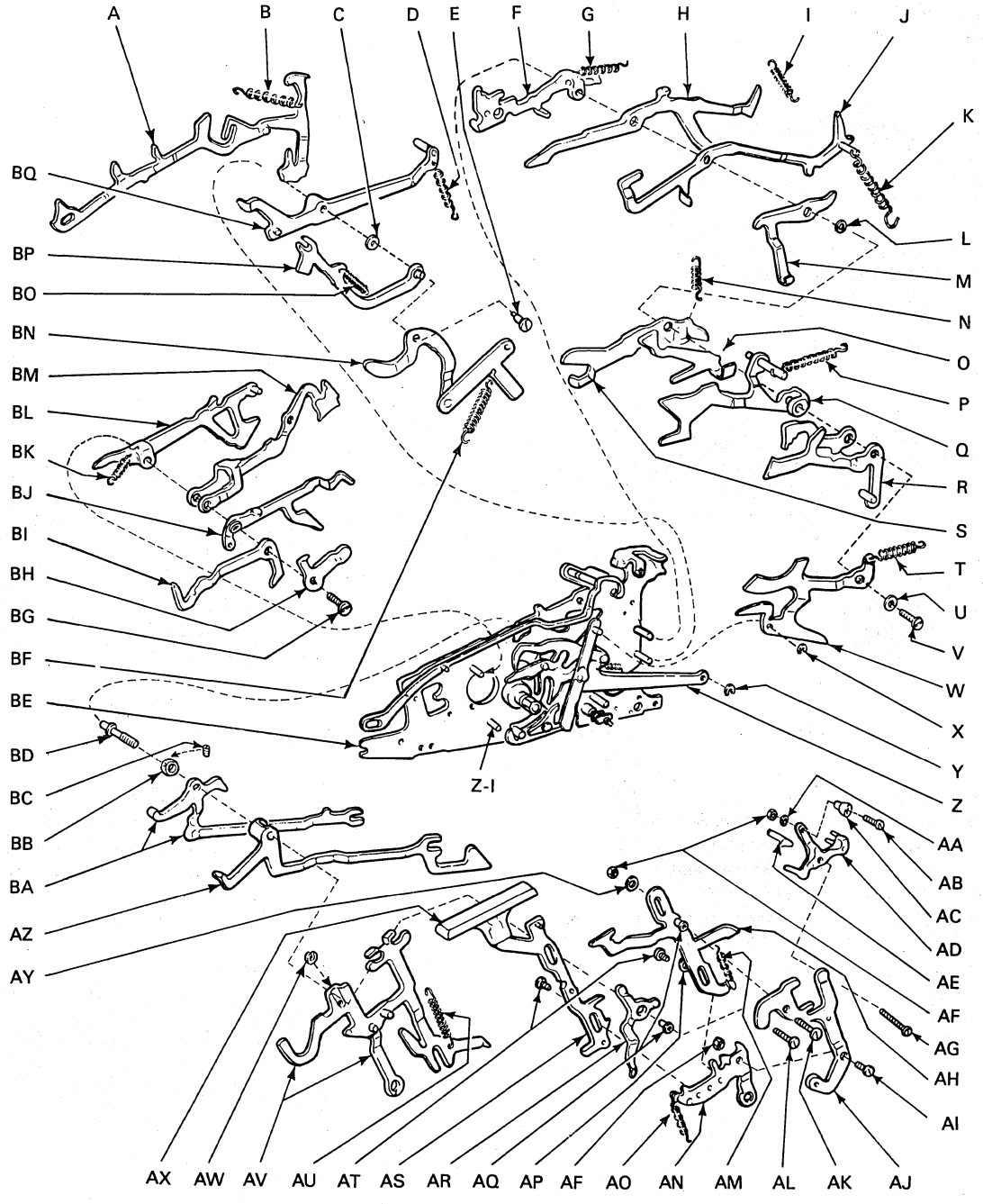
SIDE FRAMES

PART NUMBERS (Plate V-16)

GB	1011 3074	spring
GC	1013 5416	register control assembly. See Plate V-64 for other styles
GD	1010 0147	clip
GE	1010 7811	screw
GF	1010 0360	nut
GG	1017 1312	hex.post
GH	1015 0662	lever
GI	1044 2945	washer
GJ	1011 0161	screw
GK	1015 1108	detent
GL	1014 7635	spring
GM	1027 7184	washer
GN	1015 1116	detent
GO	1027 6301	spring
GP	1013 7057	latch
GQ	1015 2148	hex post
GR	1010 4644	screw
GS	1019 5204	guide arm
GT	1023 7410	washer
GU	1013 7511	bellcrank
GV	1010 9775	screw
GW	1015 3427	link
GX	1010 0071	spring anchor
GY	1013 8030	screw
GZ	1013 1308	washer
HB	---- ----	No longer required
HC	1026 1907	screw
HD	1027 6749	screw
HE	1010 7878	wire
HF	1027 6897	spring
HG	1015 0696	bellcrank
HH	1010 0402	nut
HI	1010 4354	lockwasher
HJ	1256 7715	lockwasher
HK	1019 7358	post
HL	1010 0329	nut
HM	1010 3497	counter weight
HN	1010 3794	screw
HO	---- ----	Overthrow detent
	1021 3288	shown (early)
	1021 3296	offset at top (late)
HP	1011 2860	screw post
HQ	---- ----	Part shown no longer available. Use 1021 1902 latch, 1216 2665 eccentric, 1017 6477 shoulder nut; also 1021 1977, 1021 1985, 1021 1993, or 1021 2041, 1021 2058, 1021 2066 motor bar (as reqd); and/or 1021 3296 detent on three register machines before P359272D
HR	1027 3209	spring
HS	1013 5341	lever
HT	1013 8873	screw
HU	1027 7705	spring
HV	1013 6687	arm
HW	1010 3927	washer
HX	1010 5682	screw
HY	---- ----	For machines not fitted with latch HY-2. Use 1014 9219 bracket, 1013 5705 rocker arm, 1020 1119 latch, 1027 2839 spring
	1014 9219	bracket only
HY-1	1027 2839	spring
HY-2	1020 1119	latch
HZ	1015 1173	enclosed cam
IB	1300 1417	clip
IC	1026 9892	spring
ID	1013 6679	arm
IE	1010 0220	clip
IF	1010 7399	bushing
IG	1013 5382	register control arm. See Plate V-64 for other styles
IH	1014 7650	spring
II	1013 6554	limit arm
IJ	1013 8550	shoulder screw
IK	1027 2912	spring
IL	1013 6570	latch
IM	1010 5179	screw
IN	1010 9684	screw
IO	1019 6137	symbol index bail limit
IP	---- ----	Symbol index bail
	1013 9921	regular, shown. For quick repair of this bail use 1216 8217 bail, 1216 8209 retaining blank and 1017 3201 (2) screws
	1034 2533	for class 10 machines with item counter
IQ	1013 2041	screw

SIDE FRAMES

RIGHT SIDE FRAME, THREE REGISTER CASH MACHINES (Plate V-17)



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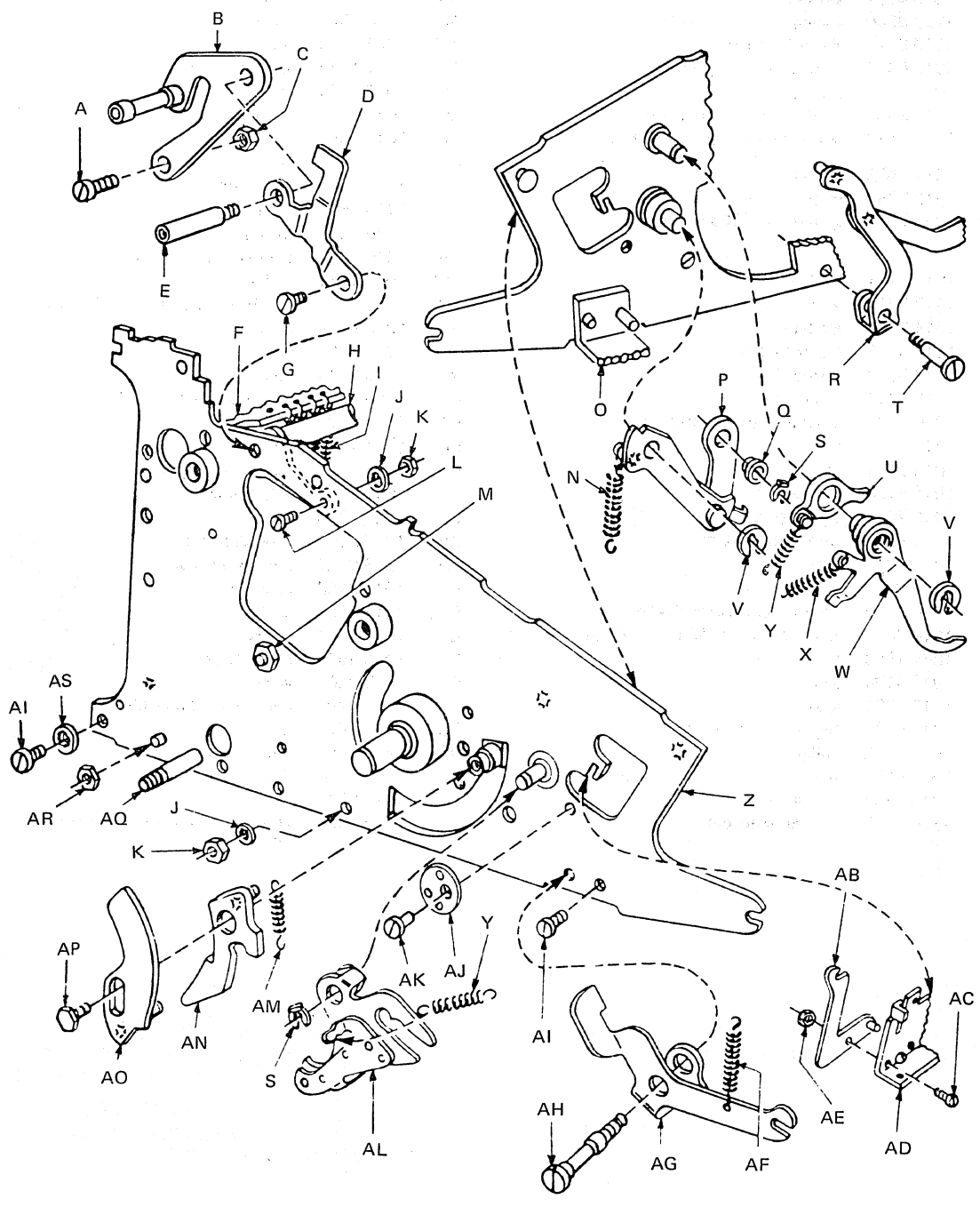
SIDE FRAMES

PART NUMBERS (Plate 17)

A	1215 9380	accumulator control link
B	1027 6590	spring
C	1010 4982	washer
D	1026 9900	spring
E	1215 9521	shoulder screw
F	1019 6012	symbol indexing arm
G	1027 2730	spring
H	1215 9562	control arm, cash drawer
	1215 9570	control arm, rear leg omitted
I	1027 7432	spring
J	1013 5788	lever
K	1027 2037	spring, use 1026 6252 wire anchor
L	1012 8221	washer
M	1013 5812	lever
N	1015 3963	spring
O	1013 4542	sub-total arm
P	1013 9293	spring
Q	1215 9414	total arm
R	1019 6087	auxiliary symbol arm
S	1215 9471	total arm
T	1044 3141	spring
U	1010 4164	washer
V	1010 8017	shoulder screw
W	1215 9539	total control arm
X	1010 0212	clip
Y	1010 0220	clip
Z	1215 9422	accumulator control arm
Z-1	1216 5403	repair stud. Use 1010 0378 nut
AA	1067 1824	lock washer
AB	1018 0123	screw
AC	1010 8363	knob
AD	1013 6422	register control lever
AE	1013 8543	collar
AF	1010 0360	nut
AG	1015 3757	screw
AH	1216 1097	register shift bar
AI	1010 7419	screw
AJ	1011 2183	auxiliary frame
AK	1011 0179	screw
AL	1010 9023	screw
AM	1027 3209	spring
AN	1011 1516	support plate
AO	1027 3209	spring
AP	1010 4503	washer
AQ	1011 2357	collar
AR	1021 1886	latch
AS	1011 1961	motor bar
AT	1010 5682	screw
AU	1026 9892	spring
AV	1216 1105	auxiliary motor bar
AW	1011 2365	collar
AX	1215 6311	touch bar. Use 1011 2753 screw
AY	1026 9819	washer
AZ	1011 1292	link
BA	1215 9349	link
BB	1015 1611	set collar, includes BC
BC	1011 0070	screw
BD	1021 2157	post
BE	1040 9571	side frame, right
	1040 9514	side frame, left
BF	1027 6905	spring
BG	1010 9387	shoulder screw
BH	1215 9323	arm for lock 2-0
BI	1011 5228	error arm
BJ	1013 7107	arm
BK	1013 3387	spring
BL	1013 4583	non-add arm
BM	1019 6467	lever
BN	1215 9497	register shift assembly
BO	1027 7424	spring
BP	1215 9489	latching arm
BQ	---- ----	5/6" space arm
	1215 9612	shown
	1215 9893	with extra stud for space from OCK 3-0.

SIDE FRAMES

LEFT SIDE FRAME, CLASS 10 THREE REGISTER MACHINES (Plate V-18)



Part Numbers On Next Page

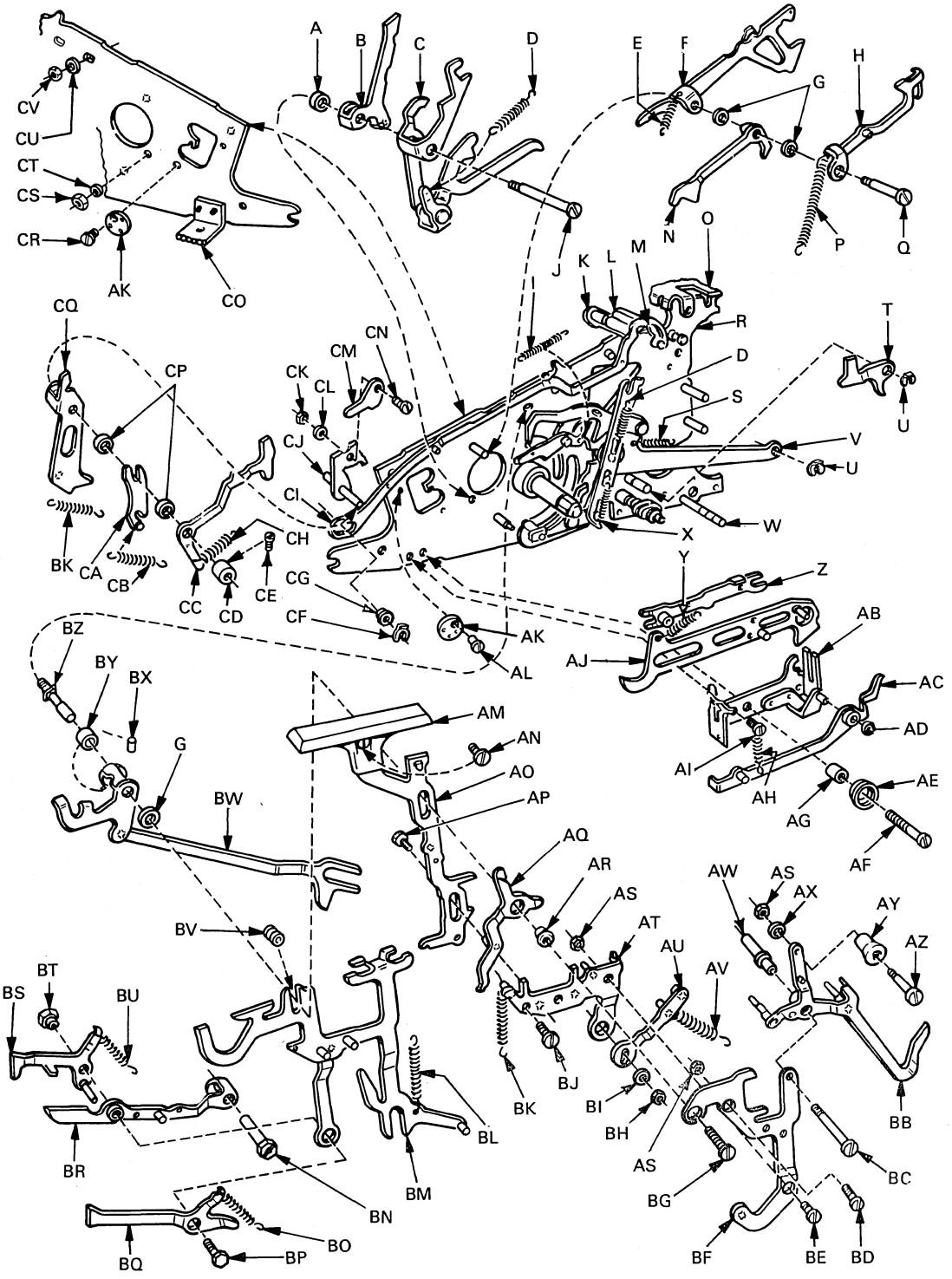
SIDE FRAMES

PART NUMBERS (Plate V-18)

A	1013 1753	screw
B	1014 5589	hanger
C	1013 7883	nut
D	1014 8872	hammer head support
E	1014 7551	post
F	1014 5761	spring anchor and nines limit bail
G	1012 0202	screw
H	1014 7692	tie shaft
I	1014 6264	spring
J	1256 7715	lockwasher
K	1010 0378	nut
L	1010 3380	screw
M	1023 8079	inner nut
	1010 0402	outer nut
N	1011 3058	spring
O	1013 4013	front support
P	1011 1185	toggle
Q	1017 1965	collar
R	1013 5358	bellcrank
S	1010 0220	clip
T	1023 7980	screw
U	1013 4930	full stroke pawl
V	1026 7060	clip
W	1011 1102	toggle latch
X	1027 1989	spring
Y	1013 3114	spring
Z	1040 9514	left side frame. See Plate V-44 for other styles
AB	1013 4369	keyboard support
AC	1011 0096	screw
AD	1013 4229	index bar guide. See Plate V-45 for other styles
AE	1010 0477	nut
AF	1027 6798	spring
AG	1011 6135	bail
AH	1012 0244	screw
AI	1013 8030	screw
AJ	1013 4237	eccentric
AK	1010 4248	screw
AL	1013 4195	break hook
AM	1011 3041	spring
AN	1011 1011	drive latch
AO	1011 1060	anchor plate
AP	1010 8702	screw
AQ	1011 0781	shaft
AR	1010 0311	nut
AS	1010 4354	lockwasher

SIDE FRAMES

RIGHT SIDE FRAME, SERIES P300 AND P2300 MACHINES (Plate V-19)



Part Numbers On Next Page

SIDE FRAMES

PART NUMBERS (Plate V-19)

A	1013 7552	collar
B	1019 5790	repeat arm. See Plate V-47 for other styles
C	1011 1474	bellcrank
D	1013 9277	spring
E	1013 3387	spring
F	1013 4575	non-add arm. See Plate V-48 for other styles
G	1012 8221	washer
H	1013 5994	lever. See Plate V-49 for other styles
I	1013 9285	spring
J	1013 8188	screw
K	1021 2983	dashpot yoke
L	1014 7692	tie shaft
M	1027 6848	spring
N	1022 9292	error arm
O	1032 8938	hammer head. See Printing, Section III for other styles
P	1029 2456	spring
Q	1010 9684	screw
R	1040 9571	right side frame. See Plate V-43 for other styles
S	1011 3108	spring
T	1013 4625	throw out arm
U	1010 0220	clip
V	1013 3890	accumulator control arm. See Plate V-52 for other styles
W	1013 8295	spring post
X	1027 2870	spring
Y	1013 9368	spring
Z	1017 3508	auxiliary repeat arm
AB	1013 4641	guide
AC	1013 7321	interlock arm
AD	1010 0147	clip
AE	---- ----	No longer used
AF	---- ----	Use screw A I (see AE and AG)
AG	---- ----	No longer used
AH	1014 7650	spring
AI	1013 8030	screw
AJ	1019 5907	keyrelease slide. See Plate V-46 for other styles
AK	1013 4237	eccentric
AL	1010 5377	screw
AM	---- ----	Touch bar
	1028 2143	beige, blank
	1215 6311	grey 225, marked +
AN	1011 2753	screw
AO	1011 1961	motor bar assembly. See Plate V-50 for other styles
AP	1010 5682	screw
AQ	1021 1886	motor bar latch
AR	1011 2357	collar
AS	1010 0360	nut
AT	1011 1516	support plate
AU	---- ----	Part shown no longer used. Use 1021 1761 or 1021 1779. See BB, BN, Plate VI-37 for detail of trip arm
AV	---- ----	See Plate VI-37, BJ for spring detail
AW	1013 8543	sleeve
AX	1067 1824	lockwasher
AY	1010 8363	knob
AZ	1010 8413	screw
BB	1013 6497	control lever. See Plate V-63 for other styles
BC	1015 3757	screw
BD	1010 8421	screw
BE	1010 4719	screw
BF	1011 2191	auxiliary frame
BG	1010 8215	screw
BH	1010 0378	nut
BI	1256 7715	lockwasher
BJ	1010 5393	screw
BK	1027 3209	spring
BL	1026 9892	spring
BM	1021 2041	motor bar. When the latch for AU is not fitted with an eccentric, use 1021 2041 motor bar, 1021 1902 latch for AU, 1216 2665 eccentric and 1017 6477 shoulder nut
BN	1013 7594	shoulder nut
BO	1027 7564	spring
BP	1018 0057	screw
BQ	1013 4997	safeguard interlock. See Plate V-51 for other styles
BR	1013 5069	safeguard interlock arm. See Plate V-51 for other styles
BS	1013 4963	safeguard interlock. See Plate V-51 for other styles
BT	1010 9742	shoulder nut
BU	1011 3082	spring
BV	1011 2365	collar
BW	1011 1334	lever. See Plate V-61 for other styles
BX	1011 0070	screw
BY	1015 1611	set collar, includes BX
BZ	1021 2157	post
CA	1015 2569	lock plate
CB	1026 9777	spring shown
	1013 3148	spring used when light error key depression is omitted
CC	1011 5186	booster arm
CD	1015 4920	set collar, includes CE
CE	1010 8967	screw
CF	1300 1474	clip
CG	1022 9474	roller
CH	1027 3183	spring
CI	1011 4734	interlock link

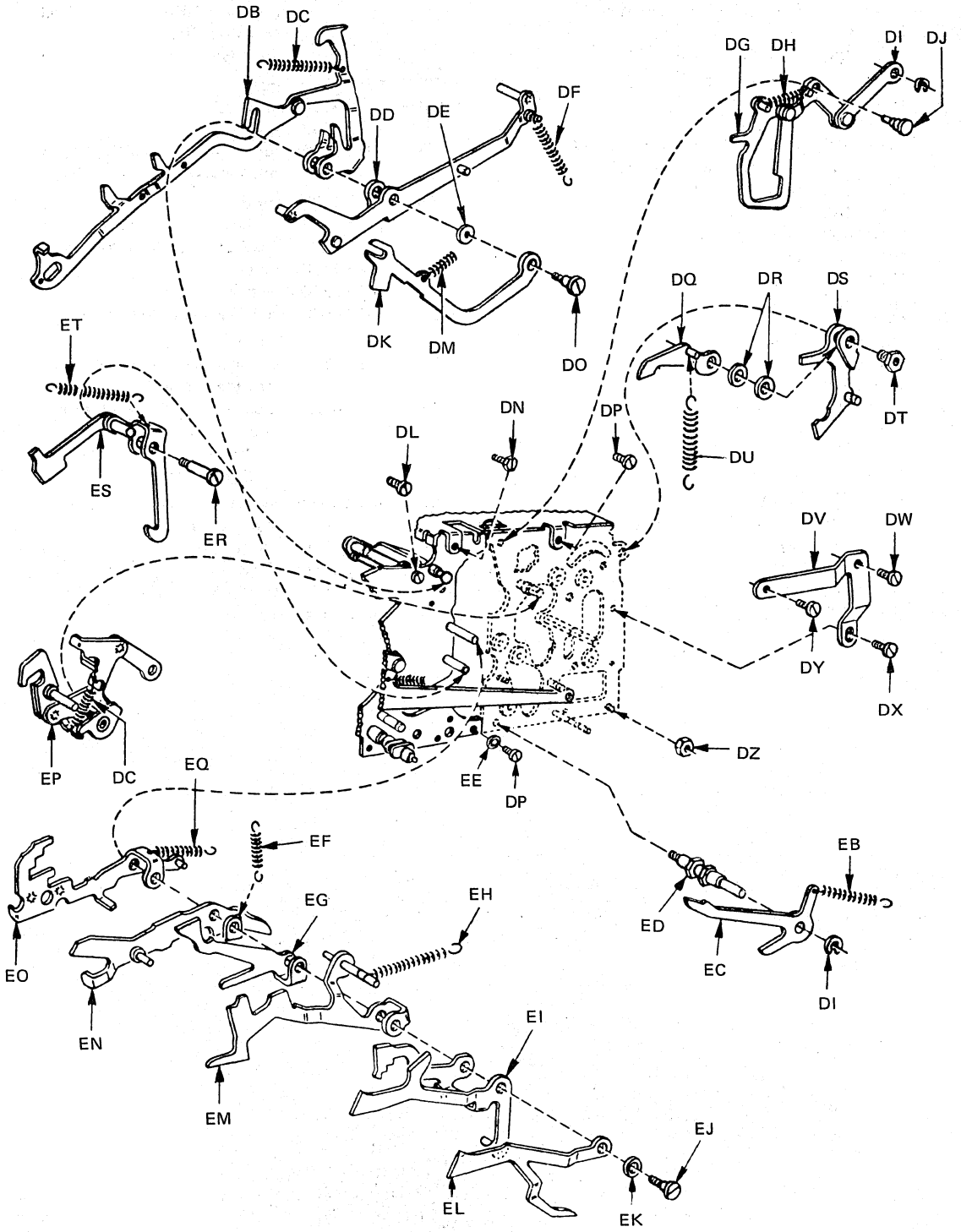
SIDE FRAMES

PART NUMBERS (Plate V-19) CONTINUED

CJ	1011 3314	shaft
CK	1010 0469	nut
CL	1256 7699	lockwasher
CM	1011 3587	limit
CN	1010 9163	screw
CO	1013 4013	front support
CP	1011 9857	collar
CQ	1011 4908	rocker arm, Col. 0. See Plate II-18 for other styles
CR	1010 4248	screw
CS	1010 0402	nut
CT	1010 4362	lockwasher
CU	1010 4354	lockwasher
CV	1010 0337	nut

SIDE FRAMES

RIGHT SIDE FRAME, SERIES P300 AND P2300 MACHINES (Plate V-20)



SIDE FRAMES

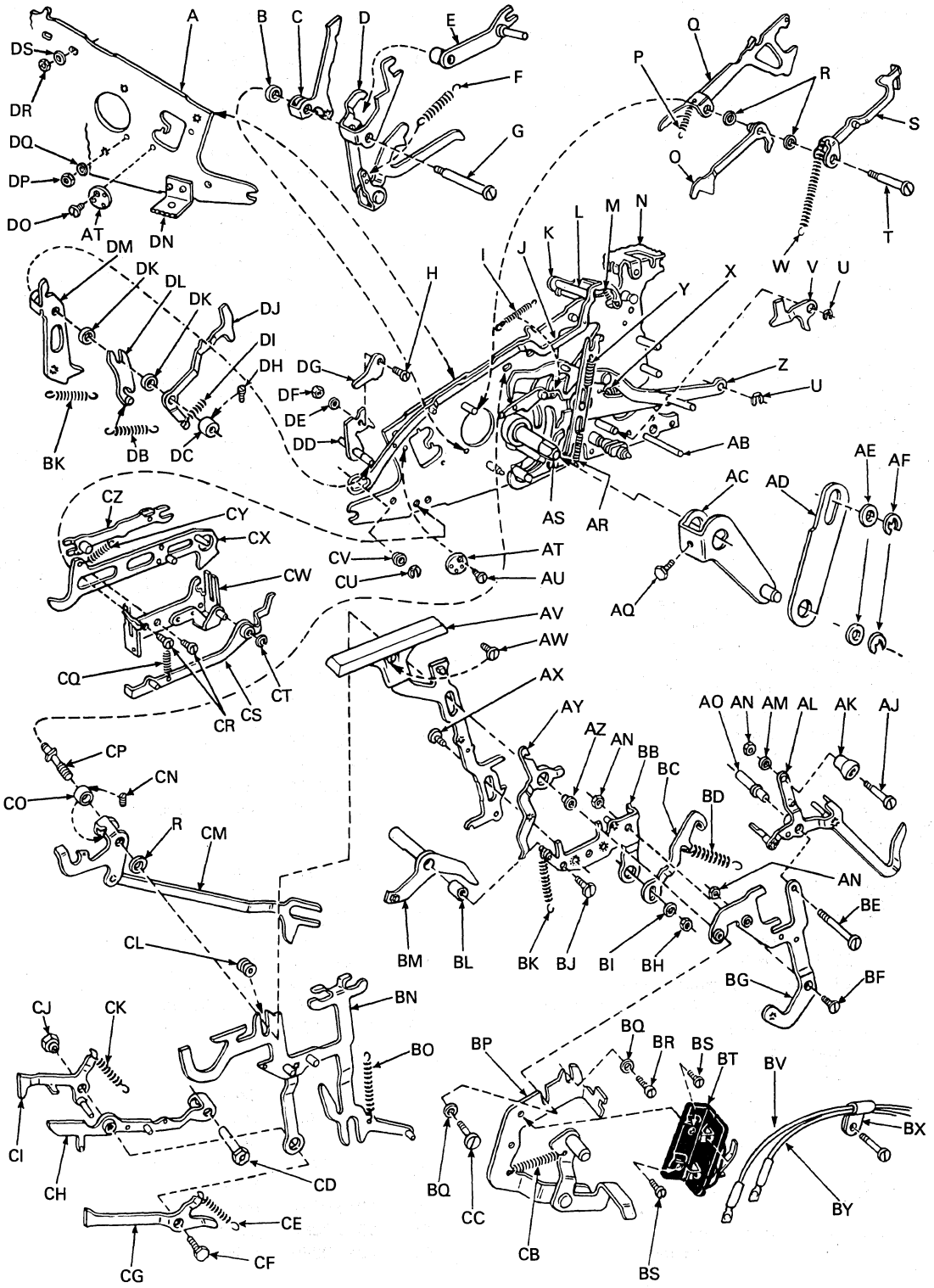
PART NUMBERS (Plate V-20)

DB	1013 5499	accumulator control arm. See Plate V-52 for other styles
DC	1014 7650	spring
DD	1013 5168	actuating arm. See Plate V-59 for other styles
DE	1010 4164	washer
DF	1026 9900	spring
DG	1013 5416	register control assembly. See Plate V-64 for other styles
DH	1011 3074	spring
DI	1010 0147	clip
DJ	1010 7803	screw
DK	1013 7222	latch
DL	1013 2041	screw
DM	1027 7424	spring
DN	1010 4701	screw
DO	1010 8017	screw
DP	1013 8030	screw
DQ	1015 1108	detent
DR	1027 7184	washer
DS	1015 1116	detent
DT	1010 8595	shoulder nut
DU	1014 7635	spring
DV	1014 9193	bracket
DW	1010 4685	screw
DX	1010 5377	screw
DY	1010 5393	screw
DZ	1010 0402	nut
EB	1027 3209	spring
EC	---- ----	Part shown, no longer available Use 1021 1902 latch, 1216 2665 eccentric, 1017 6477 shoulder nut; also 1021 2041 motor bar
ED	1011 2860	post
EE	1010 4354	lockwasher
EF	1015 3963	spring
EG	1013 4542	sub-total arm. See Plate V-54 for other styles
EH	1013 9293	spring
EI	1019 6087	auxiliary symbol indexing arm. See Plate V-56 for other styles
EJ	1013 1720	screw
EK	1026 9330	washer
EL	1013 6695	arm. See Plate V-56 for other styles
EM	1013 4559	total control arm. See Plate V-54 for other styles
EN	1013 4286	total arm. See Plate V-53 for other styles
EO	1019 5980	symbol indexing arm. See Plate V-55 for other styles
EP	1013 5382	register control arm. See Plate V-64 for other styles
EQ	1027 2730	spring
ER	1010 9684	screw
ES	1013 6844	interlock
ET	1027 6905	spring

SIDE FRAMES

RIGHT SIDE FRAME, SERIES P300, P2300 SHUTTLE CARRIAGE MACHINES

(Plate V-21)



SIDE FRAMES

PART NUMBERS (Plate V-21)

A	1040 9571	right side frame
		See Plate V-43 for other styles
B	1013 7552	collar
C	1019 5790	repeat arm. See Plate V-47 for other styles
D	1011 1474	bellcrank
E	1220 2222	lever
F	1013 9277	spring
G	1013 8188	screw
H	1010 9163	screw
I	1013 9285	spring
J	1011 4734	interlock link
K	1220 7544	complete dashpot and yoke assembly
	1220 7510	dash pot assembly only
	1021 2983	dash pot yoke assembly only
L	1014 7692	tie shaft
M	1012 0327	spring
N	1221 3518	hammer head.
		See Printing, Section III for other styles
O	1022 9292	error arm
P	1013 3387	spring
Q	1013 4575	non-add arm. See Plate V-48 for other styles
R	1012 8221	washer
S	1013 5994	lever. See Plate V-49 for other styles
T	1010 9684	shoulder screw
U	1010 0220	clip
V	1013 4625	throw out arm
W	1029 2456	spring
X	1011 3108	spring
Y	1013 9277	spring
Z	1220 1968	accumulator control arm.
		See Plate V-52 for other styles
AB	1013 8295	spring anchor post
AC	1220 2321	drive arm
AD	1220 2081	drive link
AE	1049 0811	washer
AF	1342 6762	clip
AJ	1018 0123	screw
AK	1010 8363	knob
AL	1013 6497	register control lever.
		See Plate V-63 for other styles
AM	1067 1824	lockwasher
AN	1010 0360	nut
AO	1013 8543	sleeve
AQ	1017 2096	screw
AR	1027 2870	spring
AS	---- ----	complete main operating section
	1220 6991	for P110, P310, P2110 and P2310 machines
	1220 6983	for P210 and P2210 machines
AT	1013 4237	eccentric
AU	1010 5377	screw
AV	---- ----	Touch bar
	1028 2143	beige, blank
	1215 6311	grey 225, marked +
AW	1011 2753	screw
AX	1010 5682	screw
AY	1021 1886	motor bar latch
AZ	1011 2357	collar
BB	1011 1516	support plate
BC	1021 1761	drive trip arm
BD	1026 9876	spring
BE	1018 0008	screw
BF	1010 4719	screw
BG	1011 2209	support
BH	1010 0378	nut
BI	1010 4164	washer
	1256 7715	lockwasher
BJ	1010 5393	screw
BK	1027 3209	spring
BL	1013 7891	spacer
BM	1220 2479	control arm
BN	1021 2041	motor bar. See Plate V-50 for other styles When the latch for BC is not fitted with eccentric, use 1021 2041 motor bar, 1021 1902 latch for BC, 1216 2665 eccentric and 1017 6477 shoulder nut
BO	1026 9892	spring
BP	1220 2297	bracket for handle side microswitch
BQ	1010 4156	washer
BR	1010 8421	screw
BS	1010 9163	screw
BT	1220 7114	microswitch. complete with soldered lead wires
	1027 8554	microswitch only
BV	---- ----	Lead wire is part of BT
BX	1028 7084	clip
BY	---- ----	Lead wire is part of BT
CB	1011 3116	spring
CC	1010 8215	screw
CD	1013 7594	shoulder nut
CE	1027 7564	spring
CF	1018 0057	screw
CG	1013 4997	safeguard interlock. See Plate V-51 for other styles
CH	1013 5069	arm. See Plate V-51 for other styles
CI	1013 4963	safeguard interlock. See Plate V-51 for other styles
CJ	1010 9742	shoulder nut
CK	1011 3082	spring
CL	1011 2365	collar

Part Numbers Continued On Next Page

SIDE FRAMES

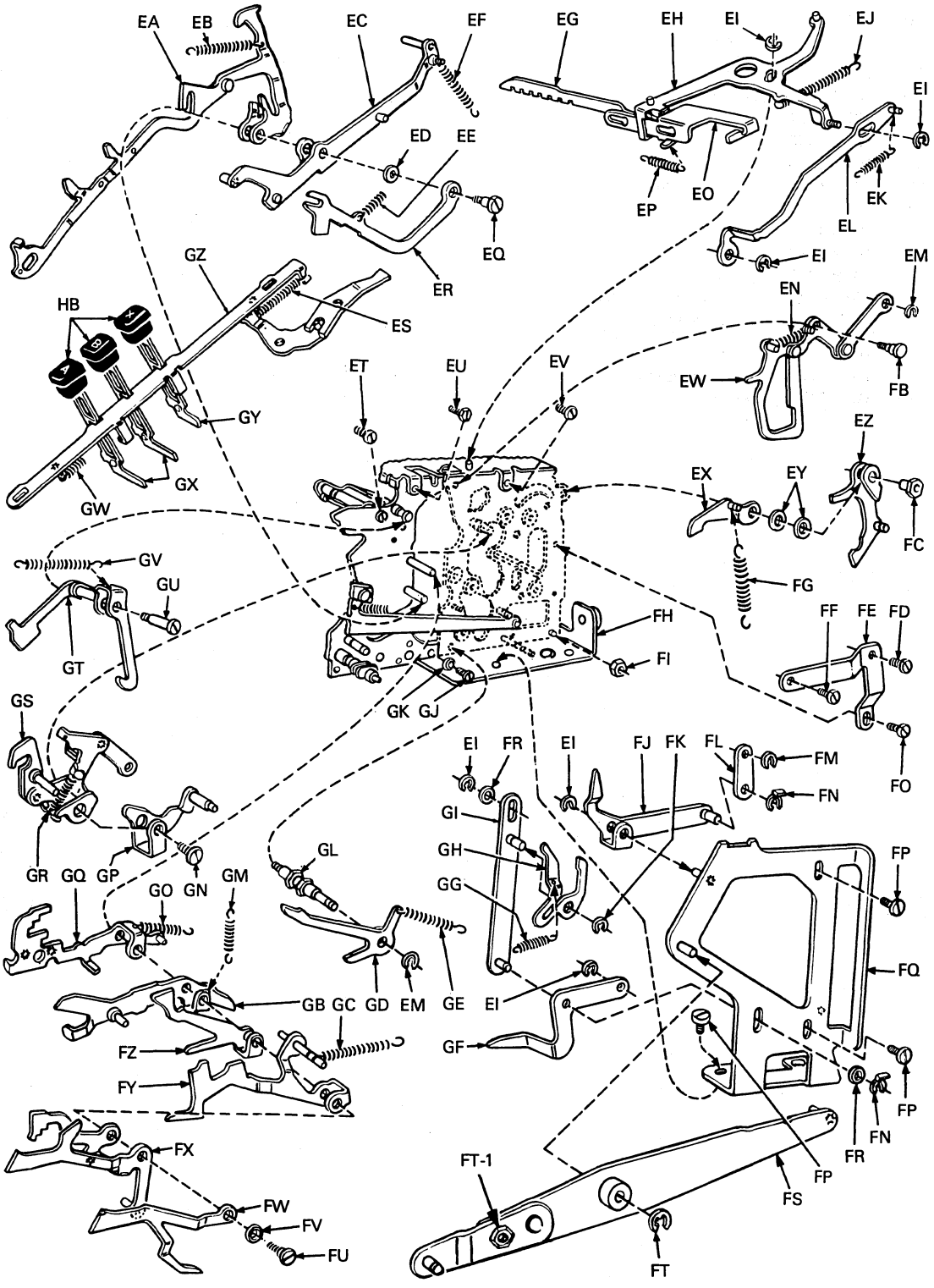
PART NUMBERS (Plate V-21) CONTINUED

CM	1011 1334	lever. See Plate V-61 for other styles
CN	1011 0070	screw
CO	1015 1611	set collar, includes CN
CP	1021 2157	post
CQ	1014 7650	spring
CR	1013 8030	screw
CS	1013 7321	interlock arm
CT	1010 0147	clip
CU	1010 0147	clip
CV	1022 9474	roller
CW	1013 4658	guide
CX	1013 4849	key release slide. See Plate V-46 for other styles
CY	1013 9376	spring
CZ	1017 3508	auxiliary repeat arm
DB	1013 3148	spring
DC	1015 4920	set collar, includes DH
DD	1011 3314	shaft
DE	1256 7699	lockwasher
DF	1010 0469	nut
DG	1011 3587	limit
DH	1010 8967	set screw
DI	1027 3183	spring
DJ	1011 5186	booster arm
DK	1011 9857	collar
DL	1015 2569	lock plate
DM	1011 4908	rocker arm, col. 0 See Plate II-18 for other styles
DN	1013 4013	front support
DO	1010 4248	screw
DP	1010 0402	nut
DQ	1010 4362	lockwasher
DR	1010 0337	nut
DS	1010 4354	lockwasher

SIDE FRAMES

RIGHT SIDE FRAME, SERIES P300 AND P2300 SHUTTLE CARRIAGE MACHINES

(Plate V-22)



Part Numbers On Next Page

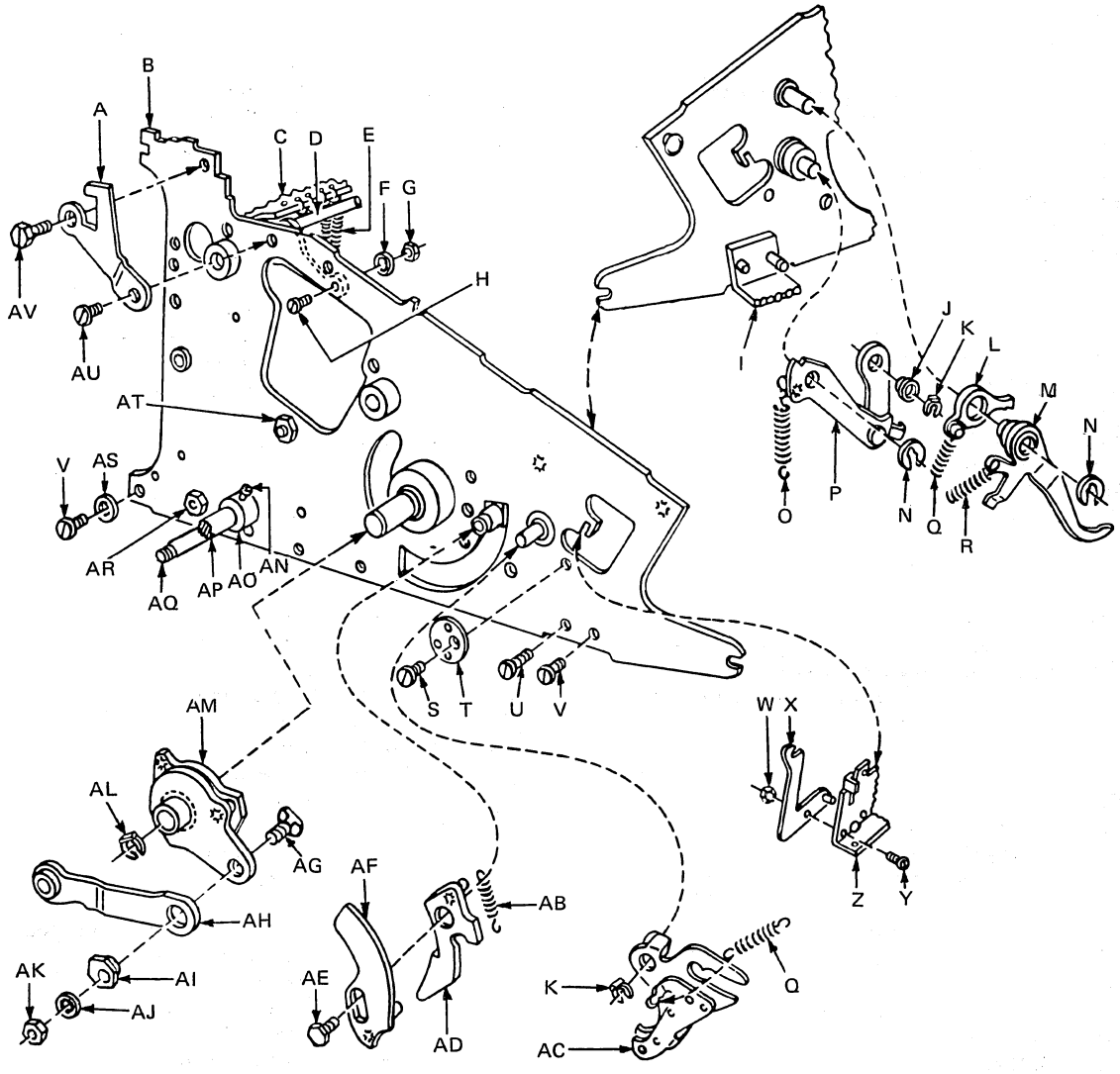
SIDE FRAMES

PART NUMBERS (Plate V-22)

EA	1013 5499	control link. See Plate V-58 for other styles
EB	1014 7650	spring
EC	1013 5168	actuating arm. See Plate V-59 for other styles
ED	1010 4164	washer
EE	1027 3191	spring
EF	1026 9900	spring
EG	1221 3500	cipher split slide
EH	1220 2107	lever
	1224 3317	lever for ABC machines
EI	1010 0220	clip
EJ	1013 3148	spring
EK	1011 3116	spring
EL	1220 2578	link
EM	1010 0147	clip
EN	1011 3074	spring
EO	1220 2180	auxiliary slide
EP	1017 1460	spring
EQ	1010 8017	shoulder screw
ER	1013 7222	latch
ES	1027 3050	spring
ET	1013 2041	screw
EU	1010 4701	screw
EV	1013 8030	screw
EW	1013 5416	register control assembly. See Plate V-64 for other styles
EX	1015 1108	detent
EY	1027 7184	washer
EZ	1015 1116	detent
FB	1010 7803	screw
FC	1010 8595	shoulder nut
FD	1010 4685	screw
FE	1014 9193	bracket
FF	1010 5393	screw
FG	1014 7635	spring
FH	1220 2347	rear support
FI	1010 0402	nut
FJ	1220 2156	control bail
FK	1300 1474	clip
FL	1220 2172	link
FM	1017 4308	clip
FN	1010 0220	clip
FO	1010 5377	screw
FP	1013 1753	screw
FQ	1220 2396	aux. side frame
FR	1011 5772	washer
FS	1220 2008	drive arm
FT	1342 6762	clip
FT-1	1220 2602	eccentric
	1010 0337	nut
	1256 7467	lockwasher
FU	1013 1720	shoulder screw
FV	1026 9330	washer
FW	1013 6695	arm. See Plate V-56 for other styles
FX	1019 6087	aux. symbol arm. See Plate V-56 for other styles
FY	1013 4559	total control arm. See Plate V-54 for other styles
FZ	1013 4542	sub-total arm. See Plate V-54 for other styles
GB	1013 9293	total arm. See Plate V-53 for other styles
GC	1013 9293	spring
GD	- - - - - - - -	Part shown, no longer available Use 1021 1902 latch, 1216 2665 eccentric, 1017 6477 shoulder nut and 1021 2041 motor bar
GE	1027 3209	spring
GF	1220 2065	control lever
GG	1027 3258	spring
GH	1220 2073	control hook
GI	1220 2255	link
GJ	1013 8030	screw
GK	1010 4354	lockwasher
GL	1011 2860	post
GM	1015 3963	spring
GN	1015 3724	shoulder screw
GO	1027 2730	spring
GP	1220 2040	control bail
GQ	1019 5980	symbol indexing arm. See Plate V-55 for other styles
GR	1014 7650	spring
GS	1013 5382	reg. control assembly
GT	1013 6844	interlock
GU	1010 9684	shoulder screw
GV	1027 6905	spring
GW	1027 2037	spring
GX	1053 3487	keystem, positions 3-0 and 4-0
GY	1229 7560	keystem, position 5-0
GZ	1220 8732	interlock slide
HB	- - - - - - - -	For symbol keybuttons refer to Plate II-7, Pages 8-9-10

SIDE FRAMES

LEFT SIDE FRAME, SERIES P300 AND P2300 MACHINES (Plate V-23)



PART NUMBERS (Plate V-23)

A	1014 8856	hammer head support
B	1040 9498	left side frame
C	1014 5761	spring anchor and nines limit bail
D	1014 7692	tie shaft
E	1014 6264	spring
F	1256 7715	lockwasher
G	1010 0378	nut
H	1010 3380	screw
I	1013 4013	front support
J	1017 1965	collar
K	1010 0220	clip
L	1013 4930	full stroke pawl
M	1011 1102	toggle latch
N	1026 7060	clip
O	1011 3058	spring
P	1011 1185	toggle
Q	1013 3114	spring
R	1027 1989	spring
S	1010 4248	screw
T	1013 4237	eccentric
U	1013 8121	spring anchor screw
V	1013 8030	screw
W	1010 0477	nut
X	1013 4369	keyboard support
Y	1011 0096	screw

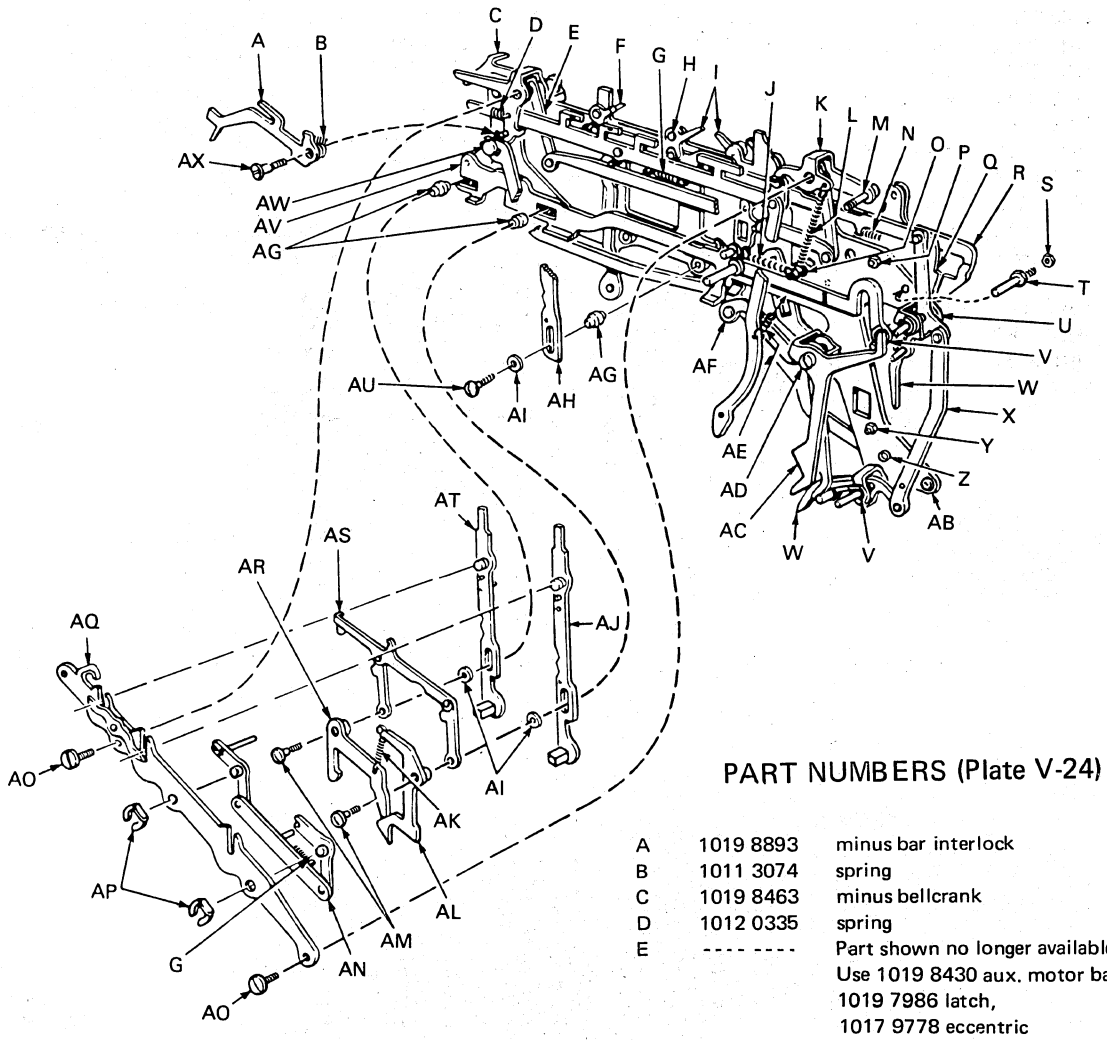
Part Numbers Continued On Next Page

SIDE FRAMES

PART NUMBERS (Plate V-23) CONTINUED

Z	1013 4229	index bar guide
AB	1011 3041	spring
AC	1013 4195	break hook
AD	1011 1011	drive latch
AE	1010 8702	screw
AF	1011 1060	anchor plate
AG	1011 2647	screw
AH	1011 1730	pitman
AI	1011 2332	eccentric
AJ	1010 4354	lockwasher
AK	1010 0337	nut
AL	1010 0089	clip
AM	1011 1045	anchor plate
AN	1010 8967	screw
AO	1021 2124	set collar, use screw AN
AP	1011 0757	drive trip shaft
AQ	1011 0781	shaft
AR	1010 0311	nut
AS	1010 4354	lockwasher
AT	1023 8079	inner nut
	1010 0402	outer nut
AU	1012 0202	screw
AV	1010 4701	screw

AUXILIARY RIGHT SIDE FRAME (OUTER VIEW), SERIES P400 (Plate V-24)



PART NUMBERS (Plate V-24)

A	1019 8893	minus bar interlock
B	1011 3074	spring
C	1019 8463	minus bellcrank
D	1012 0335	spring
E	---- ----	Part shown no longer available. Use 1019 8430 aux. motor bar, 1019 7986 latch, 1017 9778 eccentric 1010 9999 screw

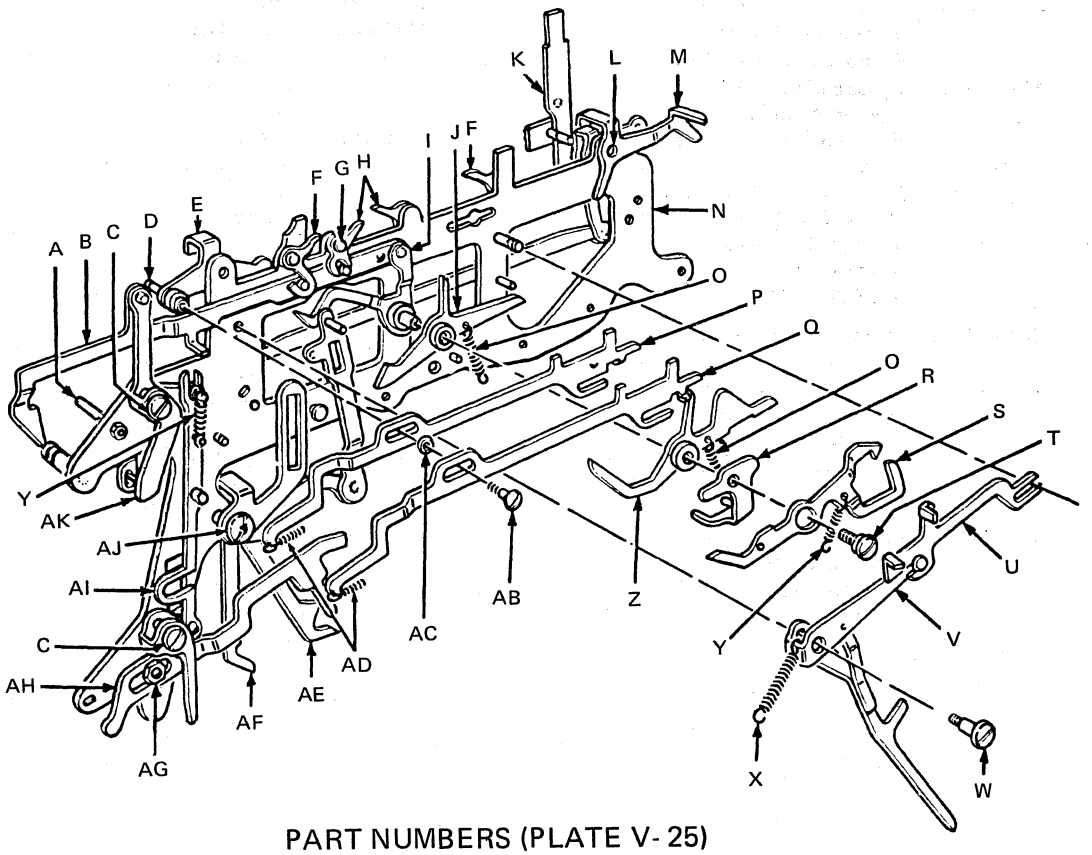
SIDE FRAMES

PART NUMBERS (Plate V-24) CONTINUED

F	1016 7724	sub-total bellcrank
G	1026 9892	spring
H	1016 8219	shoulder rivet
I	1016 7740	total bellcrank
J	--------	Use 1018 0834 spring
K	--------	Use 1019 8455 guide, 1019 8505 slide, 1019 8166 bellcrank, 1019 7861 latch, 1019 8513 slide, 1025 1635 flanged spacer, 1025 1676 shoulder screw, before P415810D and P204739S
	1019 8455	guide for machines after P415809D and P204738S
L	1340 9263	spring
M	1011 0088	spring anchor screw
N	1027 3225	spring
O	1010 3711	spring anchor screw
P	1010 0360	nut
Q	1019 8380	non-add slide
R	1019 8042	total slide
S	1010 0378	nut
T	1020 0558	post
U	1019 6608	auxiliary side-frame
V	1010 0220	clip
W	1016 7591	disabling arm
X	1016 7583	link
Y	1010 0360	nut, use 1010 7233 screw
Z	1010 8991	screw, use 1028 8041 shoulder nut
AB	1010 5229	screw
AC	1016 7492	disabling arm
AD	1035 2276	screw
AE	1028 8959	spring
AF	1016 7518	disabling assembly
AG	1016 8128	bushing
AH	1016 7567	rear stem of add motor bar. See Plate V-50 for other styles
AI	1010 4164	washer
AJ	1016 7542	front stem of add motor bar. See Plate V-50 for other styles
AK	1010 7902	spring
AL	1016 7963	interlock
AM	1016 8193	screw
AN	1016 7690	bellcrank
AO	1010 5393	screw
AP	1300 1417	clip
AQ	1019 8687	support
AR	1016 7971	interlock
AS	----------	Motor bar latch
	1016 7674	shown, regular
	1019 8596	for repeat key to latch down, not to operate machine
AT	1016 7534	minus motor bar See Plate V-50 for other styles
AU	1016 8185	screw
AV	1019 8521	total key interlock slide
AW	1044 9619	minus slide
AX	1017 2039	screw

SIDE FRAMES

AUXILIARY RIGHT SIDE FRAME (INNER VIEW), SERIES P400 AND P600 MACHINES (PLATE V-25)



PART NUMBERS (PLATE V- 25)

A	1020 0558	post. Use 10100378 nut
B	---- ----	Total slide
	1019 8042	for P400
	1019 8075	for P600
C	1010 7233	shoulder screw
D	1011 0088	spring anchor screw
E	---- ----	Use 1019 8455 guide, 1019 7861 latch, 1019 8166 bellcrank, 1019 8505 slide, 1025 1635 flanged spacer, 1025 1676 screw, 1019 8315 slide; also 1019 8117 arm on P400 Duplex or 1019 8455 on P600, Duplex before P415810D and P204740S.
	1019 8455	guide after P415809D and P204739S
F	1016 7724	subtotal bellcrank
G	1016 8219	shoulder rivet
H	1016 7740	total bellcrank
I	---- ----	Use 1019 8083 disabling arm 1019 9024 or 1019 9032 rocker arms before P350885D and P204740S
	1019 8083	disabling arm, late style (copper plated)
J	1016 7419	minus balance slide normalizing arm
K	1016 7542	front stem of add motor bar. See Plate V-50 for other styles
L	1017 1775	shoulder screw
M	1019 8463	subtract bellcrank
N	1019 6608	auxiliary side frame
O	1035 1518	spring
P	---- ----	Use 1019 8505 slide, 1019 8455 guide, 1019 8166 bellcrank, 1019 7861 latch, 1025 1635 flanged spacer, 1025 1676 screw, 1019 8315 slide, also 1019 8117 arm on P400 Duplex or 1019 8455 on P600 Duplex before P415810D and P204740S
	1019 8505	minus balance slide for register 'B', between P415809D and P442564D
	1029 5798	minus balance slide for register 'B', after P442563D

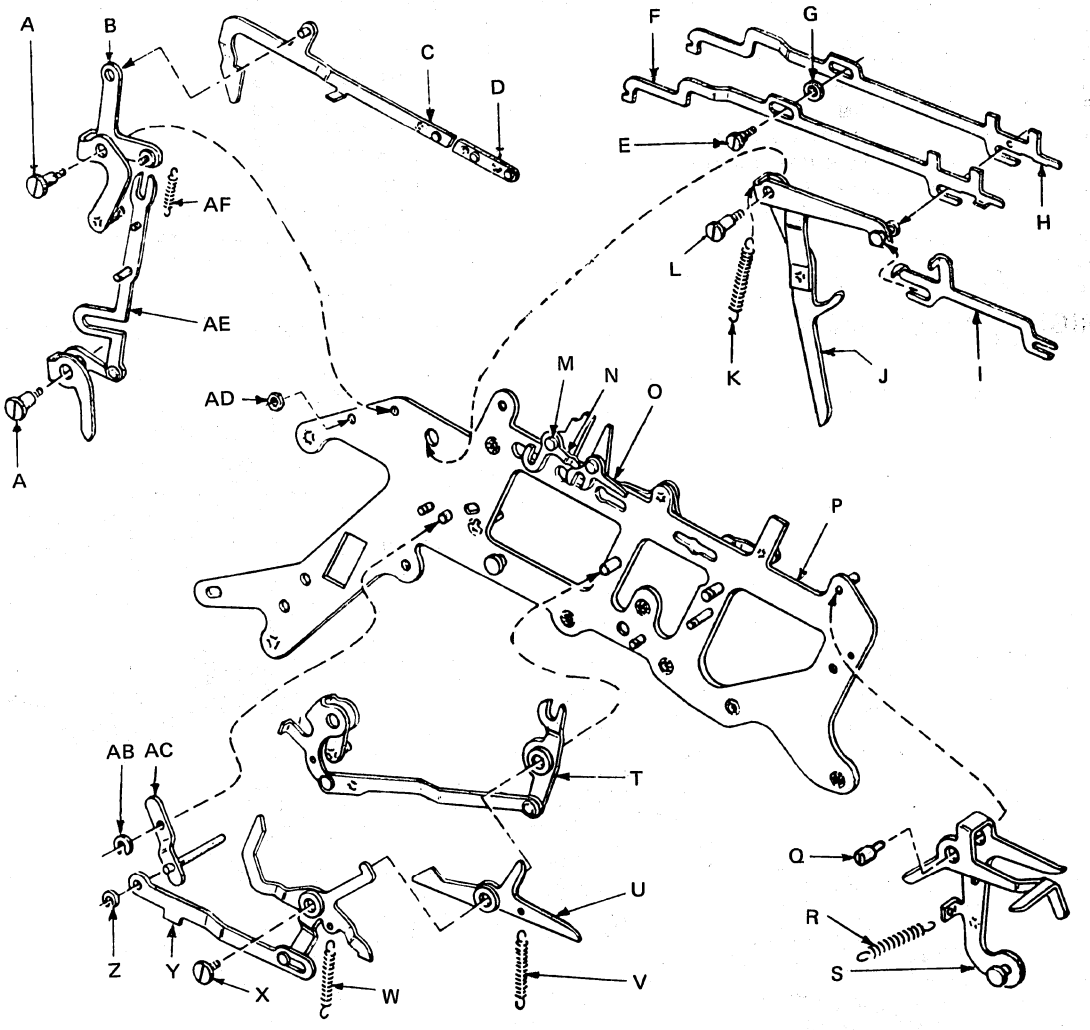
SIDE FRAMES

PART NUMBERS (Plate V-25) CONTINUED

Q	---- ----	Use the same consistency as for P_1 machines before P415810D and P204740S
	1019 8513	minus balance slide, register 'A', after P415809D and P204739S
R	1016 7930	guide
S	--------	For symbol 'AB', not to print. Use 1019 9024 rocker arm and 1019 8083 disabling arm, machines before P350885D and P204740S
	1019 9024	rocker arm,symbol 'AB' not to print, late style (copper plated)
	---- ----	For symbol 'AB' to print Use 1019 9032 rocker arm and 1019 8083 disabling arm, machines before P350885D and P204740S
	1019 9032	rocker arm, symbol 'AB' to print, machines after P350884D and P204739S
T	1010 7456	screw
U	1016 7443	index slide
V	--------	Use same consistency as for P_1 machines before P415810D and P204740S
	1019 8166	minus balance bellcrank, machines after P415809D and P204739S
W	1017 2898	screw
X	1027 3209	spring
Y	1015 2247	spring
Z	1019 8117	minus balance slide normalizing arm
AB	1025 1676	shoulder screw
AC	1025 1635	flanged spacer
AD	1027 6236	spring
AE	1016 7492	disabling arm
AF	1016 7518	disabling assembly
AG	1028 8041	nut, use 1010 8991 screw
AH	1016 7708	subtract slide
AI	1016 7393	non-add link assembly for register 'B'
AJ	1016 8110	bushing
AK	1016 7377	non-add lever for register 'A'

SIDE FRAMES

AUXILIARY RIGHT SIDE FRAME(INNER VIEW), SERIES P600 AND P9000 MACHINES WITH AUTOMATIC TOTALS (Plate V-26)



PART NUMBERS (Plate V-26)

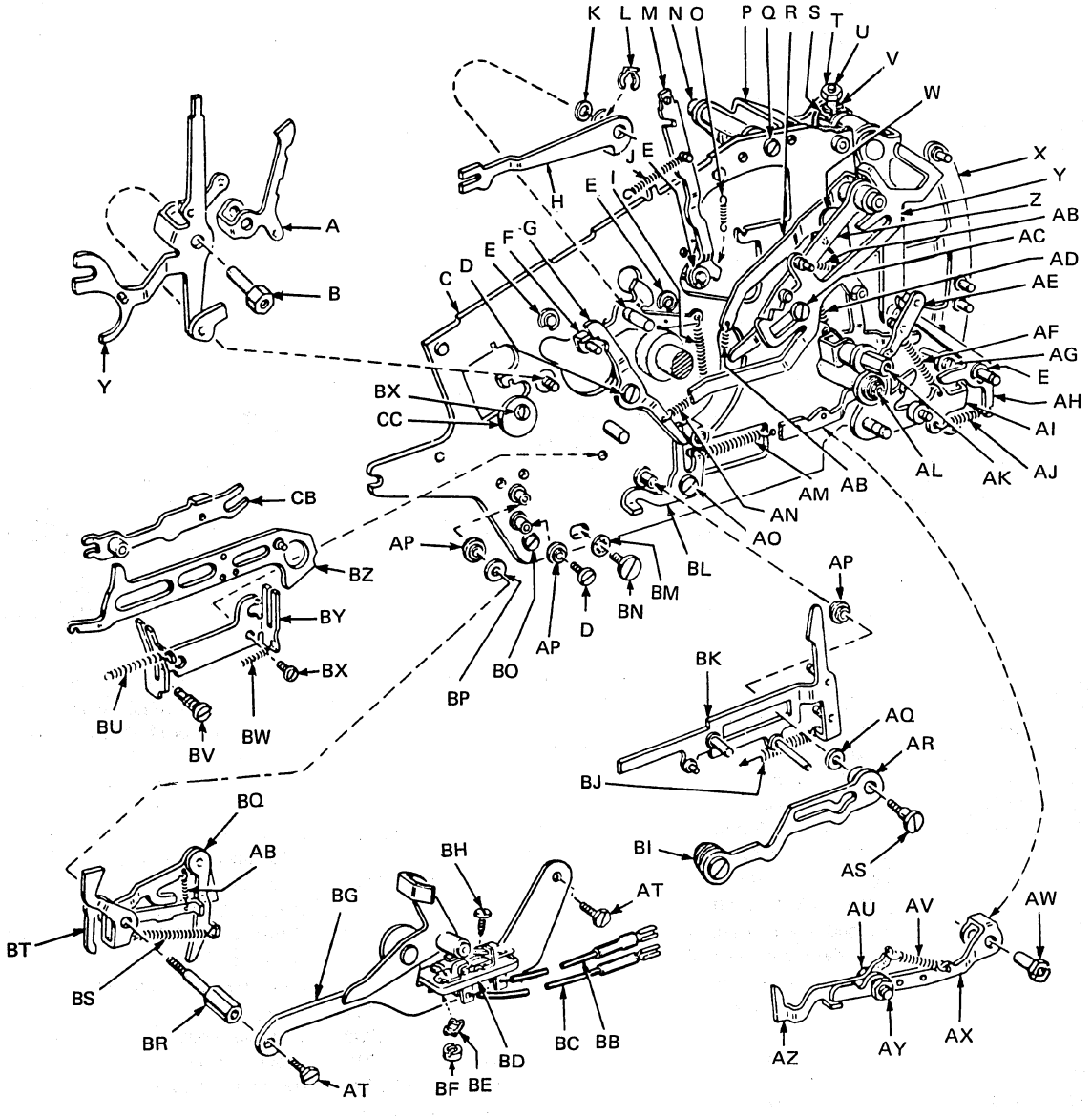
A	1010 7233	shoulder screw
B	1016 7377	non-add lever, register 'A'
C	1019 8075	total slide
D	1020 0053	auxiliary slide
E	1025 1676	shoulder screw
F	---- ----	Use 1019 8513 slide, 1019 8455 guide, 1019 7861 latch, 1019 8166 bellcrank, 1019 8505 slide, 1025 1635 flanged spacer, 1025 1676 shoulder screw, plus 1019 8141 rocker on duplex machines before P415810D and P204740S
	1019 8513	minus balance slide for register 'A'
G	1025 1635	flanged spacer
H	--------	Use same consistency as for F, machines before P415810D and P204740S
	1019 8505	minus balance slide for register 'B' machines, duplex
	1029 5798	minus balance slide for register 'B', single register machines
I	1016 7443	index slide
J	---- ----	See consistency for F if this bellcrank is changed on early machines
	1019 8166	minus balance bellcrank
K	1027 7424	spring
L	1017 2898	shoulder screw
M	1016 8219	shoulder rivet
N	1016 7724	subtotal bellcrank
O	1016 7740	total bellcrank

SIDE FRAMES

PART NUMBERS (Plate V-26) CONTINUED

P	1019 6558	auxiliary side frame
Q	1017 1775	shoulder screw
R	1011 3074	spring
S	1019 8463	minus bellcrank
T	1019 8109	transfer total linkage
U	1016 7419	minus balance slide normalizing arm
V	1035 1518	spring
W	1026 9348	spring
X	1028 9445	screw
Y	1019 8141	rocker arm, shown
	1215 2005	rocker arm, for three register machines
Z	1010 0154	clip
AB	1010 0147	clip
AC	1019 9982	pivot link
AD	1010 0378	nut
AE	1016 7393	non-add link assembly for register 'B'
AF	1027 6418	spring

RIGHT SIDE FRAME (OUTER VIEW), SERIES P400 AND P5000 MACHINES (Plate V-27)



Part Numbers On Next Page

SIDE FRAMES

PART NUMBERS (Plate V-27)

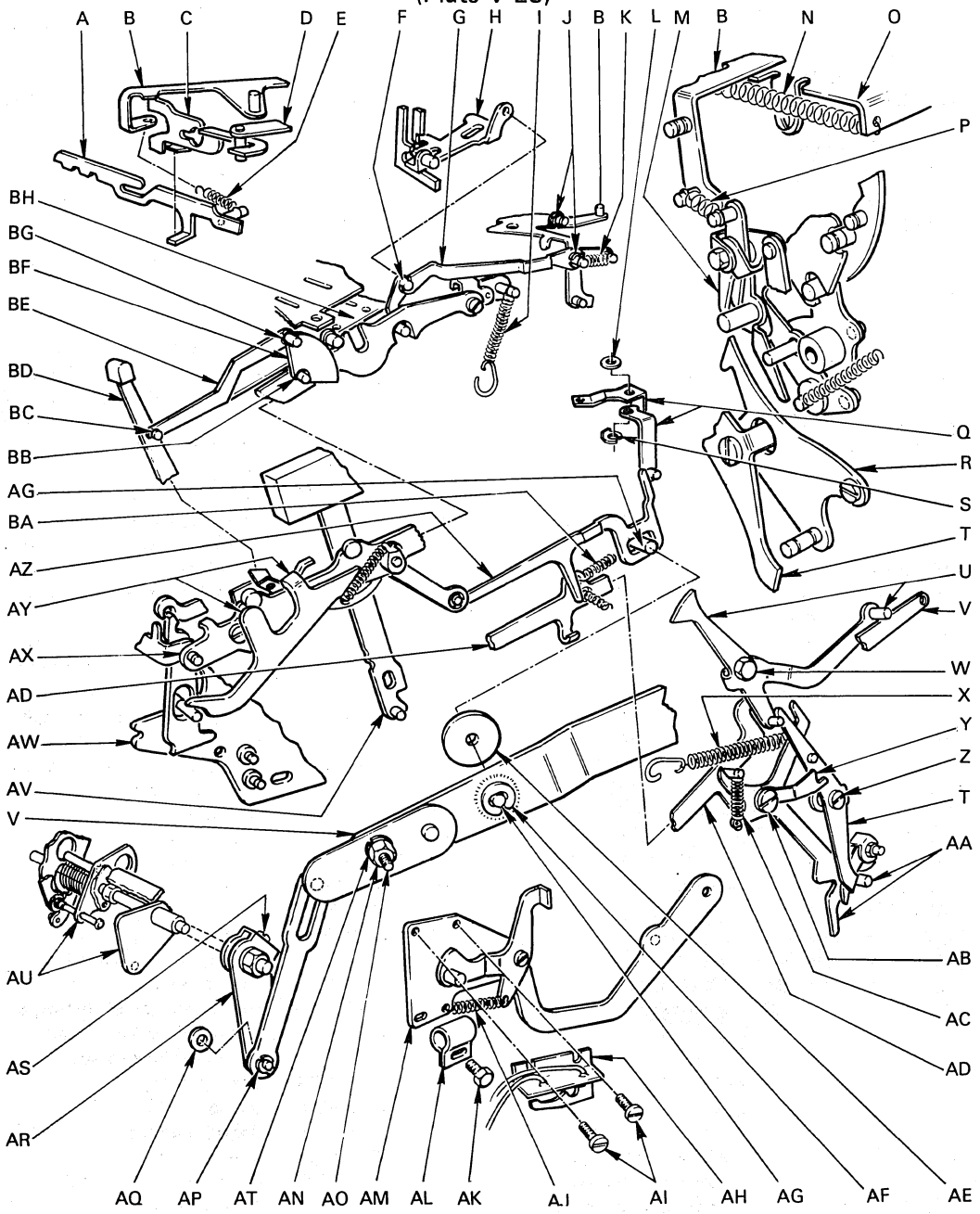
A	1019 5790	repeat arm. See Plate V-47 for other styles
B	1017 3862	bushing
C	1044 3307	right side frame. See Plate V-43 for other styles
D	1028 9445	screw
E	1010 0147	clip. Use 1216 6757 washer to control part R
F	1017 3565	interlock arm
G	1017 3573	repeat latch. Use 1010 7399 shoulder collar
H	1017 3656	error key arm
I	1027 3191	spring
J	1044 3141	spring
K	1044 3018	washer
L	1010 0238	clip
M	1017 3607	latch down keystem, position 7-0. See E for control washer
N	1014 7684	tie shaft
O	1015 3963	spring
P	1021 3007	dashpot yoke
Q	1012 0202	screw
R	1017 5271	interlock arm. See Ref. E for control washer
S	1017 5271	spacer
T	1013 0938	shoulder nut
U	--------	Complete dashpot
	1033 5685	regular
	1218 7076	for shuttle carriage machines
V	1256 7459	lockwasher
W	1017 3680	latching arm for detent Z
X	1017 3243	meshing segment
Y	--------	Register selection control slide
	1044 3349	regular
	1215 1924	three register machines
Z	1017 3466	detent for Y
AB	1017 1437	spring
AC	1013 2900	screw. Use 1017 3870 shoulder collar and 1017 3920 bushing
AD	1027 3027	spring. Use 1026 6252 clip
AE	--------	Use 1021 1761 trip arm
AF	1026 9876	spring
AG	1027 6533	screw
AH	1019 7986	latch for drive trip arm
AI	1019 7846	bracket
AJ	1027 5881	spring
AK	1016 8284	hex screw post
AL	1010 0378	nut. Use 1010 4164 washer and 1256 7715 lockwasher
AM	1027 7424	spring
AN	1027 6582	spring
AO	1017 1080	screw. Use 1024 7906 washer
AP	1017 3888	shoulder bushing
AQ	1010 4982	washer
AR	1017 3706	timing arm with single pocket (shown). This can be replaced by 1216 9637 double pocketed timer plus 1217 5832 spring (BJ)
	1216 9637	timing arm with double pocket cam.
AS	1017 3193	screw
AT	1010 9825	screw
AU	1017 2559	shoulder nut
AV	1011 3082	spring
AW	1013 7594	bushing
AX	1017 3516	interlock arm. See Plate V-51 for other styles
AY	1017 4019	screw. Use 1027 6285 spacer
AZ	1019 7796	interlock pawl. See Plate V-51 for other styles
BB	---------	See BD
BC	---------	See BD
BD	--------	Handle side switch with lead wires
	1021 1746	for machines fitted with Type 3 motor
	1220 7106	for machines fitted with Type P motor
		On early machines use 1021 3254 bracket (BG), 1011 9824 (2) nuts (BF), 1011 3538 (2) clips (BE), 1012 0178 (2) screws plus one of above switches
BE	1011 3538	clip
BF	1011 9824	nut
BG	1021 3254	mounting bracket. Use same consistency as for BD on early machines
BH	1012 0178	screw. Use 1010 9163 screw on early machines
BI	--------	Parts shown no longer used. Weight is now part of timing arm AR
BJ	1024 6999	spring, used only with single pocket timer arm AR
	1217 5832	spring, used only with double pocketed timer arm AR
BK	1017 3490	timing slide
BL	1017 3474	latch for BK
BM	1010 4354	lockwasher
BN	1011 2902	screw
BO	1023 9101	screw
BP	1010 9726	washer
BQ	--------	Selector lever interlock
	1017 3714	part shown
	1216 9686	mating part for BT (which is fitted with roller instead of the earlier formed ear)
BR	1017 6774	screw post
BS	1013 9368	spring
BT	--------	Timing interlock
	1019 7887	shown
	1216 9645	part with roller instead of formed ear

SIDE FRAMES

PART NUMBERS (Plate V-27) CONTINUED

BU	1013 3098	spring
BV	1013 8121	screw
BW	1013 9368	spring
BX	1010 4214	screw
BY	1019 7739	guide
BZ	1019 7762	key release slide
CB	1017 3508	auxiliary repeat arm
CC	1013 4237	eccentric

RIGHT SIDE FRAME, SERIES P400 AND P5000 SHUTTLE CARRIAGE MACHINES (Plate V-28)



Part Numbers On Next Page

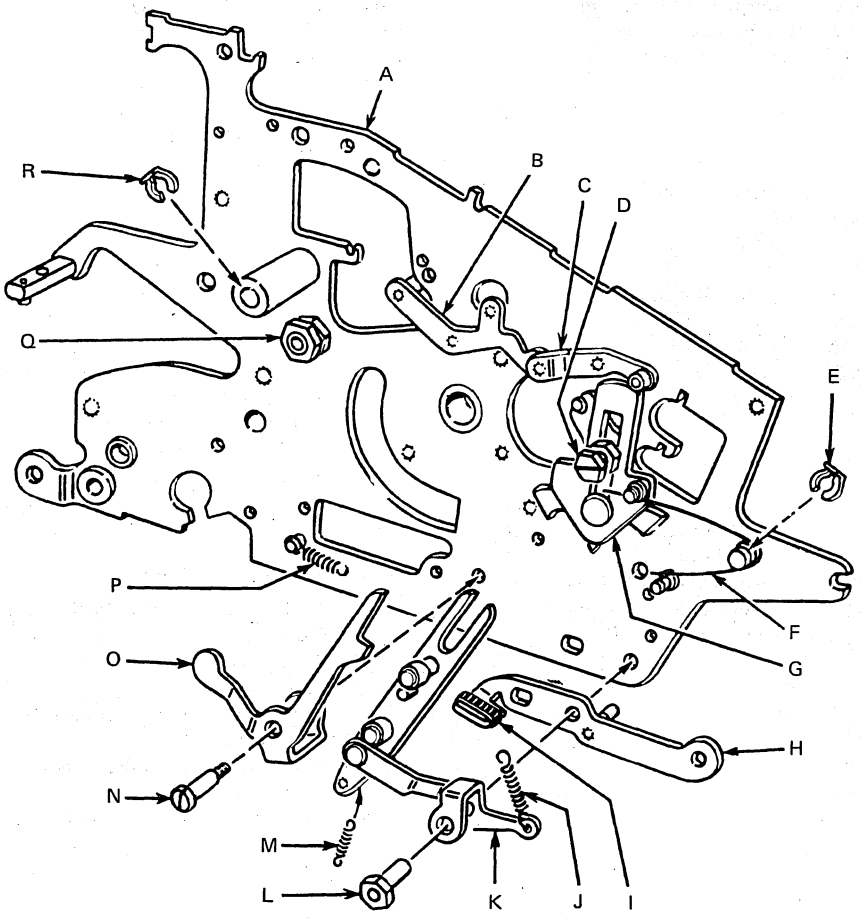
SIDE FRAMES

PART NUMBERS (Plate V-28)

A	1016 1008	cipher split slide
B	1215 5552	control arm
	1224 3556	control arm for ABC machines
C	1215 5800	cipher cut-out slide
D	1215 5388	interlock lever
E	1027 6418	spring
F	1255 3129	clip
G	1215 5768	link
H	1215 5230	blocking slide
I	1340 9263	spring. Use 1026 6252 wire hook
J	1300 1490	clip
K	1027 7549	spring
L	1012 8239	washer
M	1215 5842	register 'A' disabling pawl
N	1026 9496	spring
O	1215 5537	hammer head
P	1028 7787	spring
Q	1215 5487	total interlock lever
R	1215 5073	auxiliary side frame
S	1010 0220	clip
T	1215 5685	register 'B' disabling pawl
U	1215 5669	latching bail
V	1215 5701	driver lever assembly
W	1010 6342	shoulder nut
X	1027 7580	spring. Use 1026 6252 wire hook
Y	1215 6014	sub-total interlock
Z	1215 5941	shoulder nut
AA	1215 5875	register 'B' disabling pawl
AB	1215 6022	screw
AC	1027 3225	spring
AD	1215 5933	total key interlock slide
AE	1215 5925	washer
AF	1255 3160	clip
AG	1215 5917	shoulder post
AH	1215 6030	microswitch with lead wires
AI	1010 9163	screw
AJ	1027 7457	spring
AK	1023 7188	screw
AL	1010 3083	plastic clip
AM	1215 5776	bracket assembly
AN	1010 0337	nut
AO	1220 2602	screw
AP	1255 3152	clip
AQ	1010 6623	washer
AR	1215 5693	drive arm
AS	1017 2096	screw
AT	1256 7467	lockwasher
AU	---- ----	Complete main drive assembly
	1215 6097	for P410, P420, P5525-10, P5528-10
	1215 7707	for P460 and P5328-10
AV	1215 5891	motor bar, front
AW	1215 5826	right side frame
AX	1215 5628	motor bar support, includes bracing hook. If bracing hook is required separately. Use 1216 8266 hook and 1025 7400 (2) rivets
AY	1215 5818	interlock arm
AZ	1215 5750	blocking slide
BA	1027 7457	spring
BB	1010 0212	clip
BC	1255 3103	clip
BD	1215 5644	shift lever assembly
BE	1215 5578	link
BF	1215 5677	key release cam
BG	1010 0170	clip
BH	1215 5222	keyboard bottom plate

SIDE FRAMES

RIGHT SIDE FRAME (INNER VIEW), SERIES P400, P600, P5000 AND P900 MACHINES (Plate V-29)

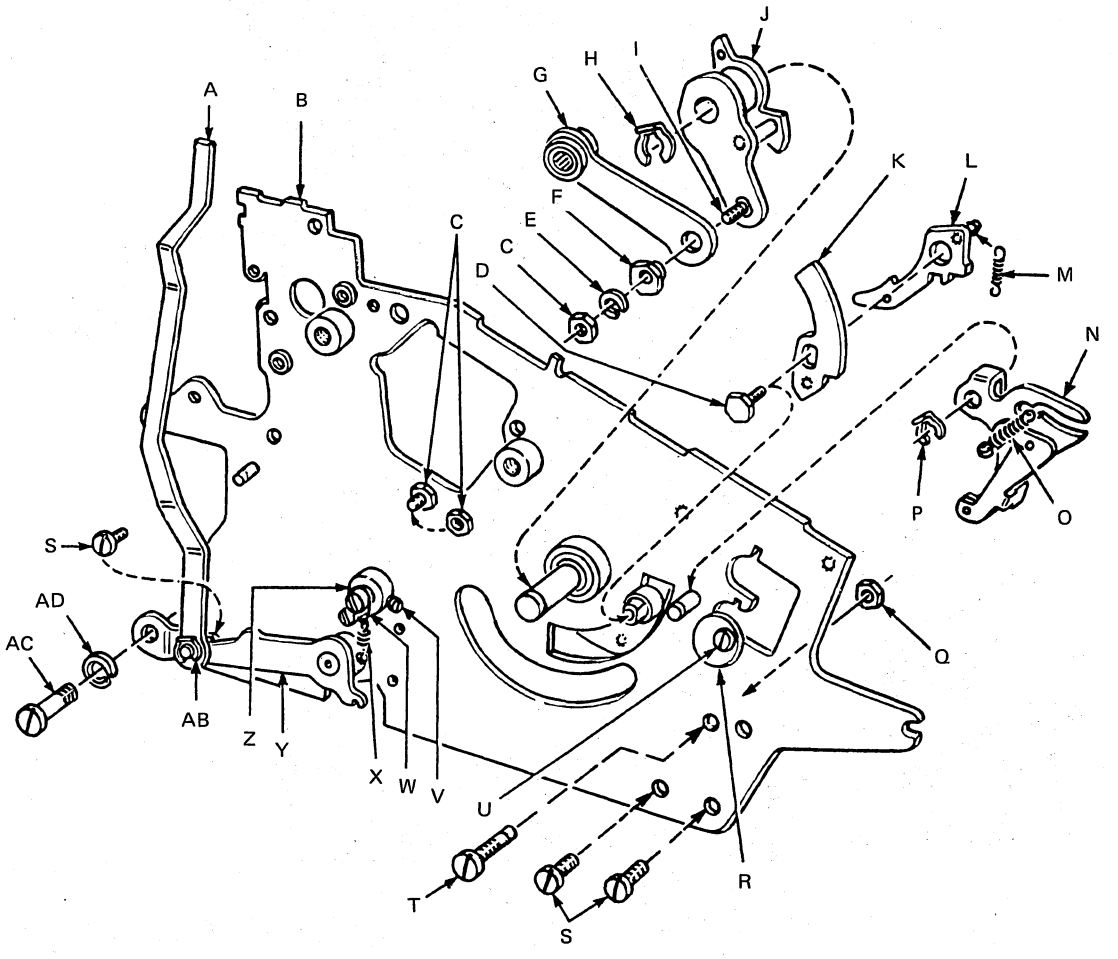


PART NUMBERS (Plate V-29)

A	1044 3307	right side frame
B	1044 3257	lever, before P191368D and P94310S
	1017 3284	lever, after P191367D and P94309S
C	1017 3276	lever
D	1017 4001	screw
E	1010 0238	clip
F	1016 1842	spring
G	1017 3300	selector lever. Shifter and normalising slide assembly
H	1017 3417	bracket, complete with flat rubber limit pad.
I	1021 2215	rubber limit pad, cemented to H
J	1011 3082	spring
K	1017 3433	shift lever drive pawl assembly
L	1017 3854	shoulder nut
M	1026 9751	spring
N	1019 5188	shoulder screw
O	1017 3458	latch
P	1027 7523	spring
Q	1010 9940	nut
R	1300 1417	clip

SIDE FRAMES

LEFT SIDE FRAME, SERIES P400 AND P5000 MACHINES (Plate V-30)



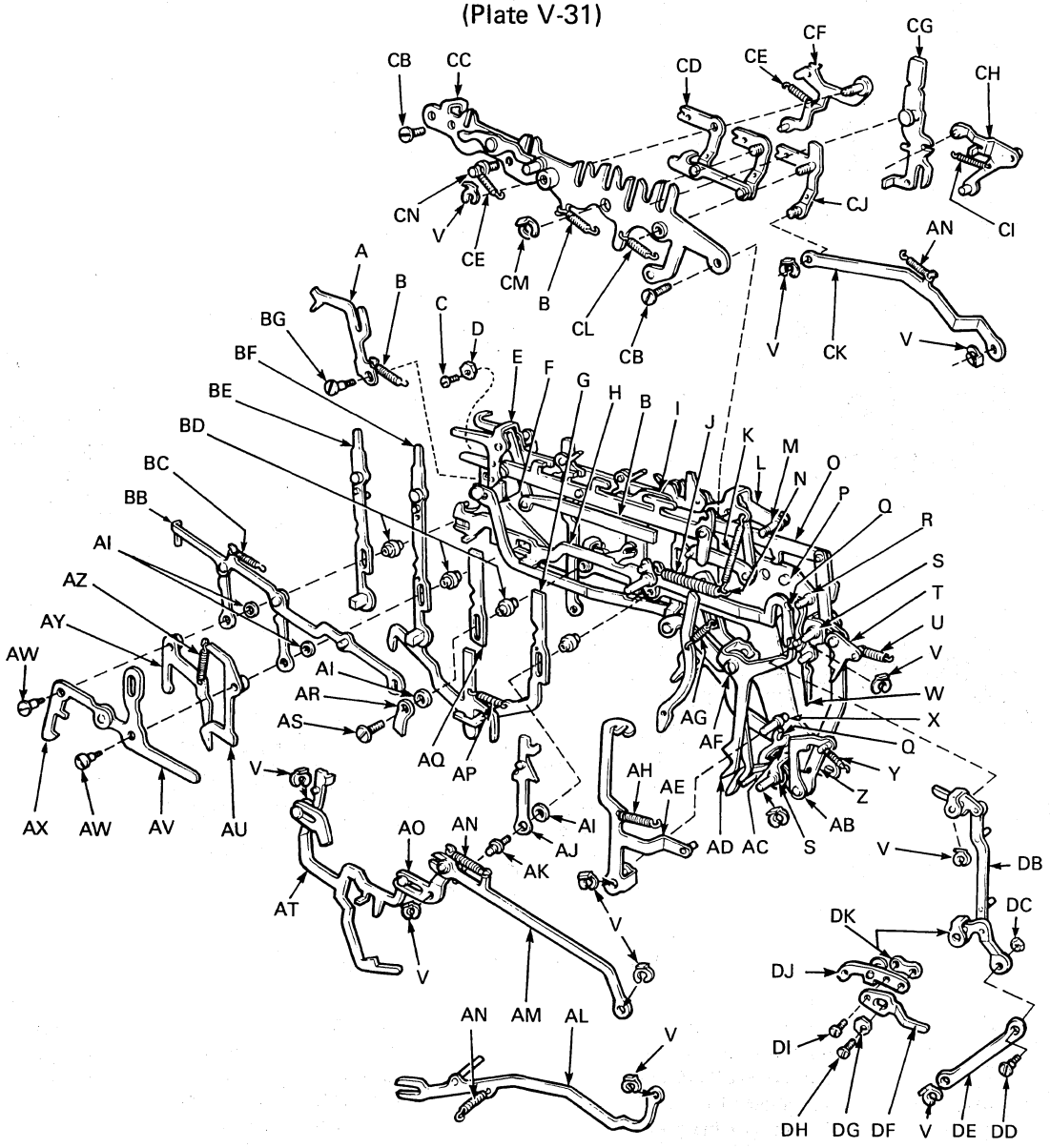
PART NUMBERS (Plate V-30)

A	---- ----	Ribbon lift arm, left
	1015 7923	shown. For early lift mechanism. See Plate VI-6
	1023 4797	for late ribbon lift mechanism. See Plate VI-7
B	1044 3273	left side frame
C	-------	Use 1010 0311 inner nut, 1010 0337 outer and 1010 4362 lockwasher
D	1010 8702	screw
E	1256 7467	lockwasher
F	1011 2332	eccentric
G	1016 2212	drive link
H	1010 0089	clip, regular. Use 1255 3178 clip when hole in J is excessively countersunk
I	1011 2647	screw
J	1011 1052	drive pawl
K	1016 2089	anchor plate
L	1016 2071	drive latch
M	1011 3041	spring
N	1013 4179	break hook
O	1011 3074	spring
P	1010 0220	clip
Q	1010 0311	nut
R	1013 8121	eccentric
S	1013 8030	screw
T	1013 8121	screw, spring anchor
U	1010 4214	screw
V	1010 8967	screw
W	1026 6252	wire clip
X	1027 6582	spring
Y	1029 9469	lift shaft
Z	1021 2124	shoulder set collar
AB	1010 0154	clip
AC	1017 4035	screw
AD	1256 7475	lockwasher

SIDE FRAMES

AUXILIARY RIGHT SIDE FRAME (OUTER VIEW), SERIES P600 MACHINES

(Plate V-31)



PART NUMBERS (Plate V-31)

A	1019 8893	minus bar interlock
B	1011 3074	spring
C	1044 1889	screw
D	1017 9810	eccentric
E	1019 8463	subtract bellcrank
F	1016 7708	subtract slide
G	--------	Motor bar stem
	1044 9494	machines without cge. ret. bar
	1019 8257	machines with cge. ret. bar
	1019 8265	machines with rear feed cge. and without cge. ret. bar. See Plate V-50 for other styles
H	1019 8521	total key interlock slide
I	--------	Intermediate motor bar
	1019 8430	regular
	1215 2484	for three register construction
		See Plate V-50 for other styles
J	--------	Use 1018 0834 spring on all machines styles
K	1340 9263	spring
L	--------	Use 1019 8455 guide, 1019 8505 and 1019 8513 slides, 1019 8166 bellcrank, 1025 1635 flanged spacer, 1025 1676 shoulder screw

Part Numbers Continued On Next Page

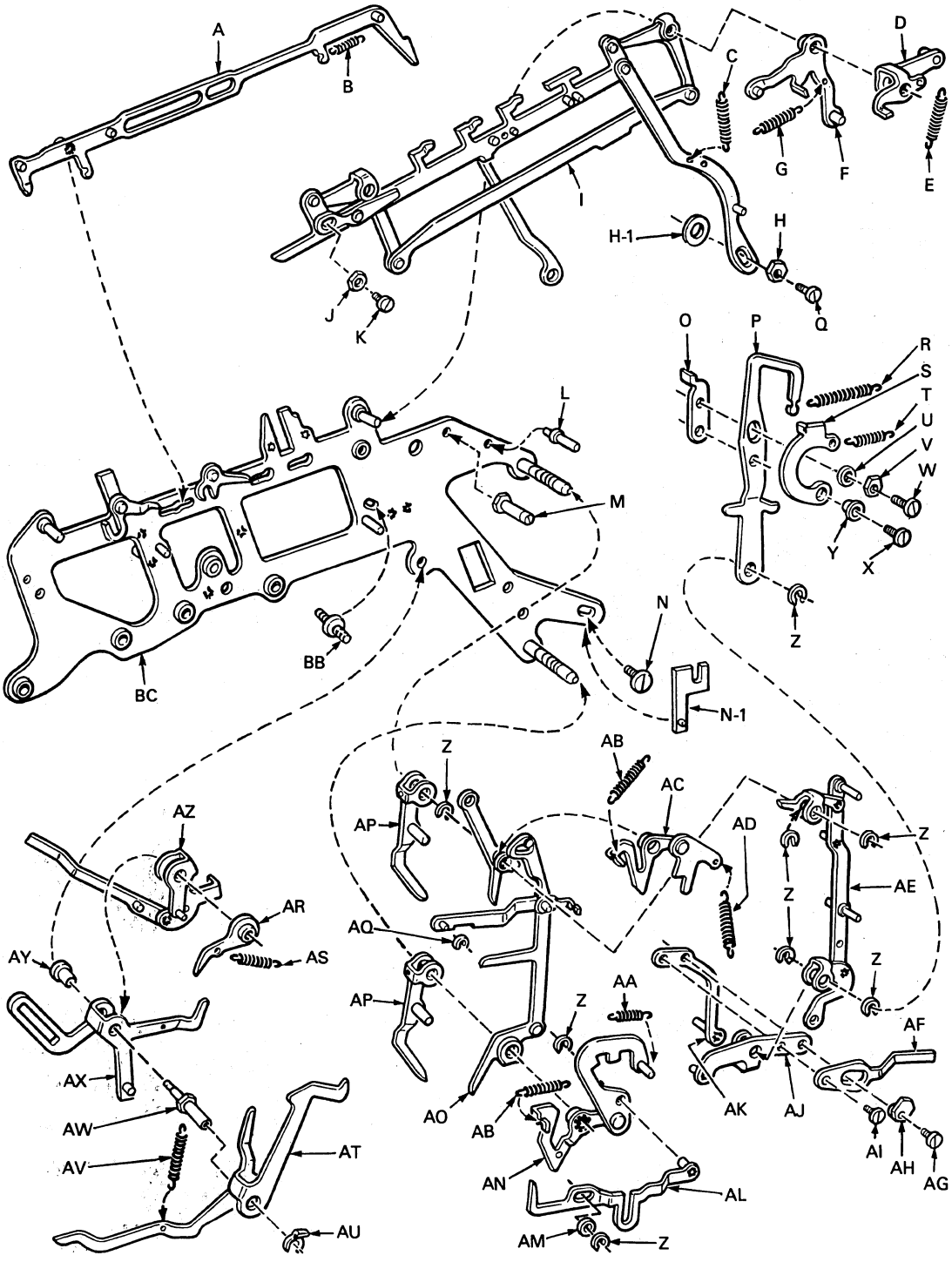
SIDE FRAMES

PART NUMBERS (Plate V-31) CONTINUED

		1019 7861 latch on early machines to ensure free action of minus balance slides
	1019 8455	guide only
M	1011 0088	spring anchor screw
N	1010 3711	spring anchor screw
O	1019 8380	non-add slide
P	1010 0360	nut. Use 1010 7233 shoulder screw
Q	1053 2158	spring
R	1020 0558	screw. Use 1010 0378 nut
S	1010 0147	clip
T	--------	Non-add pawl
	1016 8011	regular
	1215 2278	for three register machines
U	1044 2622	spring
V	1010 0220	clip
W	1016 7591	disabling arm
X	1017 6717	post
Y	1026 9298	spring
Z	1016 7583	link, regular
	1215 2088	link for three register machines
AB	--------	Non-add/add control pawl
	1044 9767	regular
	1215 2179	for three register machines
AC	1017 1676	spring anchor screw
AD	1016 7492	disabling arm
AE	--------	Vertical space, non-tab arm
	1045 0161	single register
	1022 7643	double register
	1215 2740	three register
AF	1035 2276	screw
AG	1027 2037	spring
AH	1029 2456	spring
AI	1010 4164	washer
AJ	1016 7906	latch
AK	1019 9099	threaded post
AL	--------	Red ribbon index link
	1015 9507	regular
	1215 2476	for three register machines
AM	--------	Subtract index link
	1016 8052	regular
	1215 2716	for three register machines
AN	1027 3209	spring
AO	1033 0975	bellcrank
AP	1030 6314	spring
AQ	1044 9478	rear stem, add motor bar. See Plate V-50 for other styles
AR	1019 8901	interlock
AS	1016 8185	shoulder screw
AT	1016 8045	subtract power arm
AU	1016 7963	interlock
AV	1016 8078	disabling lever
AW	1016 8193	shoulder screw
AX	--------	Use 1022 8849 keyboard strip (col. 0), 1023 4201 index bar and 1016 8193 screw
AY	1016 7971	interlock
AZ	1010 7902	spring
BB	--------	Lockdown latch
	1019 8620	regular
	1019 8604	for machine with repeat key to lock down and not operate machine, and to restore from Error Key only
BC	1012 0335	spring
BD	1016 8128	shoulder bushing
BE	1016 7534	subtract motor bar. See Plate V-50 for other styles
BF	1016 7542	front stem, add motor bar. See Plate V-50 for other styles
BG	1017 2039	shoulder screw
CB	1010 5393	screw
CC	--------	Motor bar support
	1033 0819	shown, after P155565D
	1044 9585	before P155566D
CD	1044 9569	bellcrank
CE	1027 6590	spring
CF	1016 8086	bellcrank
CG	1019 8232	carriage return motor bar. See Plate V-50 for other styles
CH	1019 8810	bellcrank
CI	1027 6186	spring
CJ	1033 0934	bellcrank
CK	1033 0983	link
CL	1027 6418	spring
CM	1300 1417	clip
CN	1010 3828	spring anchor screw
DB	--------	Actuating link assembly
	1044 9643	regular
	1215 2294	for three register machines
DC	1010 0360	nut. Use 1256 7715 lockwasher
DD	1017 1841	eccentric screw
DE	1019 8935	power link
DF	1015 5380	adjusting arm
DG	1017 1635	eccentric
DH	1010 8983	screw
DI	1010 8991	screw
DJ	1015 5372	arm
DK	1015 5505	plate

SIDE FRAMES

AUXILIARY RIGHT SIDE FRAME (OUTER VIEW), SERIES P600 AND P9000 MACHINES WITH AUTOMATIC TOTALS (Plate V-32)



Part Numbers On Next Page

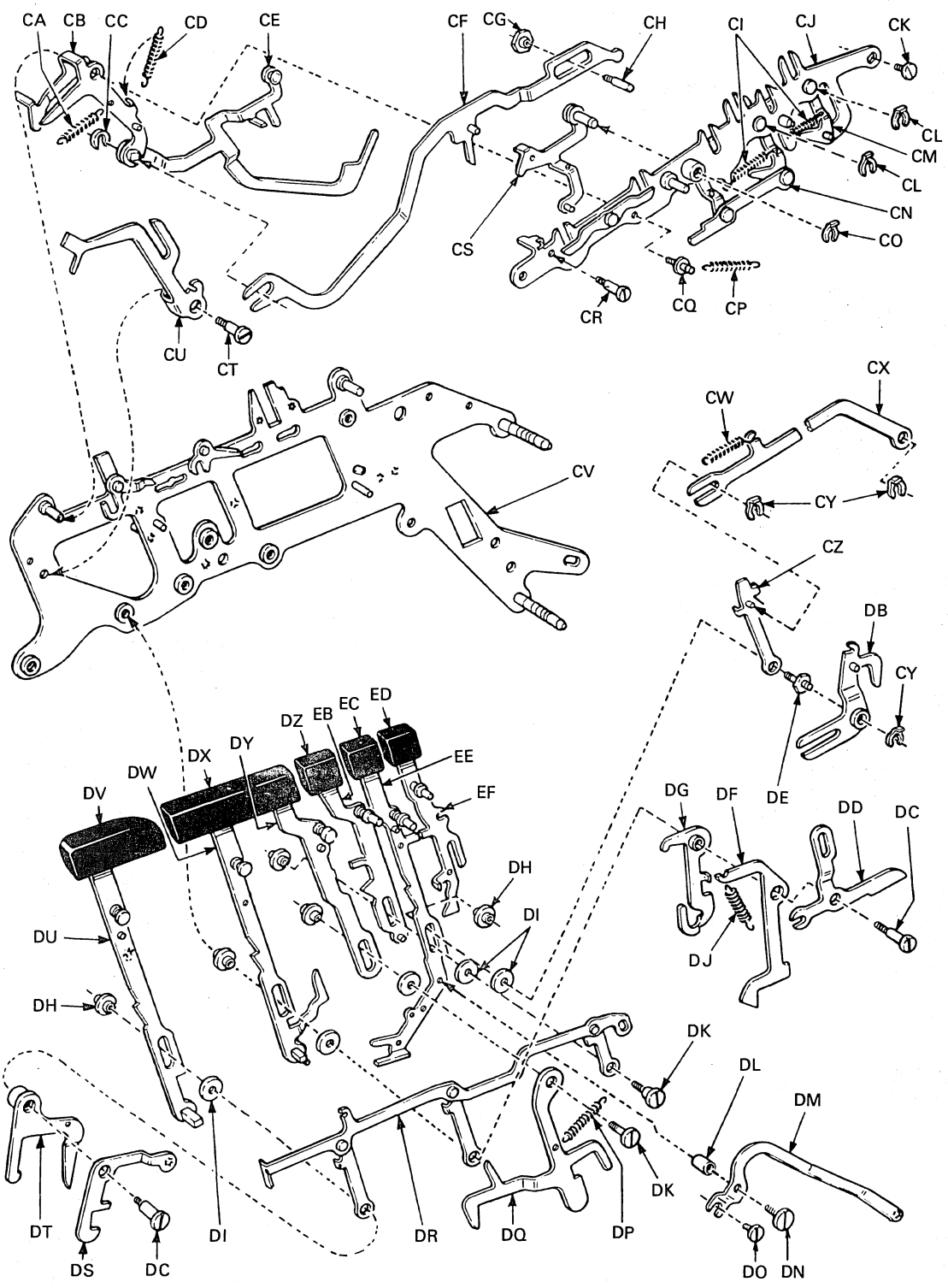
SIDE FRAMES

PART NUMBERS (Plate V-32)

A	1019 8380	non-add slide
B	1027 3225	spring
C	1026 9355	spring
D	--------	Use 1019 8455 guide, 1019 8505 and 1019 8513 slides, 1019 8166 bellcrank, 1019 7861 latch, 1025 1635 flanged spacer, 1025 1676 shoulder screw on early machines to ensure free action of minus balance slides
	1019 8455	guide, machines after P415809D and P204739S
E	1340 9263	spring
F	1019 8810	bellcrank
G	1027 5840	spring
H	1017 9778	eccentric
H-1	1010 4164	washer
I	--------	Intermediate motor bar
	1019 8430	regular
	1215 2484	for three register machines
J	1017 9810	eccentric
K	1044 1889	screw
L	1020 0558	post. Use 1010 0360 nut
M	1019 9651	threaded post
N	1010 5393	screw
N-1	1020 2836	limit for AO
O	1019 9685	adjustable plate
P	--------	Skip lift arm
	1019 9735	regular
	1215 2765	for three register machines
Q	1010 9999	screw
R	1011 3082	spring
S	1019 9743	latch
T	1044 3133	spring
U	1049 0811	collar
V	1017 9778	eccentric
W	1010 8991	screw
X	1010 5393	screw
Y	1010 7399	shoulder collar
Z	1010 0147	clip
AA	1026 9769	spring, shown. Use 1013 9350 spring for three register machines
AB	1053 2158	spring
AC	--------	Register 'A' non-add pawl
	1016 8011	regular
	1215 2278	for three register machines
AD	1044 2622	spring
AE	--------	Actuating link
	1019 8711	regular
	1215 2294	for three register machines
AF	1015 5380	adjusting arm
AG	1010 8983	screw
AH	1017 1635	eccentric
AI	1010 8991	screw
AJ	1015 5372	arm
AK	1019 9826	release arm
AL	1019 9958	link
AM	1011 5772	collar
AN	--------	Register 'B' non-add pawl
	1019 8943	regular
	1215 2179	for three register machines
AO	--------	Non-add control link assembly
	1019 8422	regular, shown
	1215 2088	for three register machines. Both parts require limit N-1 (held by screw N)
AP	1016 7591	disabling arm
AQ	1255 3129	clip
AR	1020 0590	bellcrank
AS	1044 1939	spring
AT	1019 9669	bellcrank
AU	1010 0238	clip
AV	1026 9892	spring
AW	1019 9867	post
AX	1019 8182	disabling arm
AY	1016 8110	bushing
AZ	--------	Transfer total link
	1019 8109	regular, shown
	1215 2336	for three register machines
BB	1010 3711	spring anchor post
BC	1019 6558	auxiliary side frame

SIDE FRAMES

AUXILIARY RIGHT SIDE FRAME(OUTER VIEW), SERIES P600 AND P9000 MACHINES WITH AUTOMATIC TOTALS (Plate V-33)



Part Numbers On Next Page

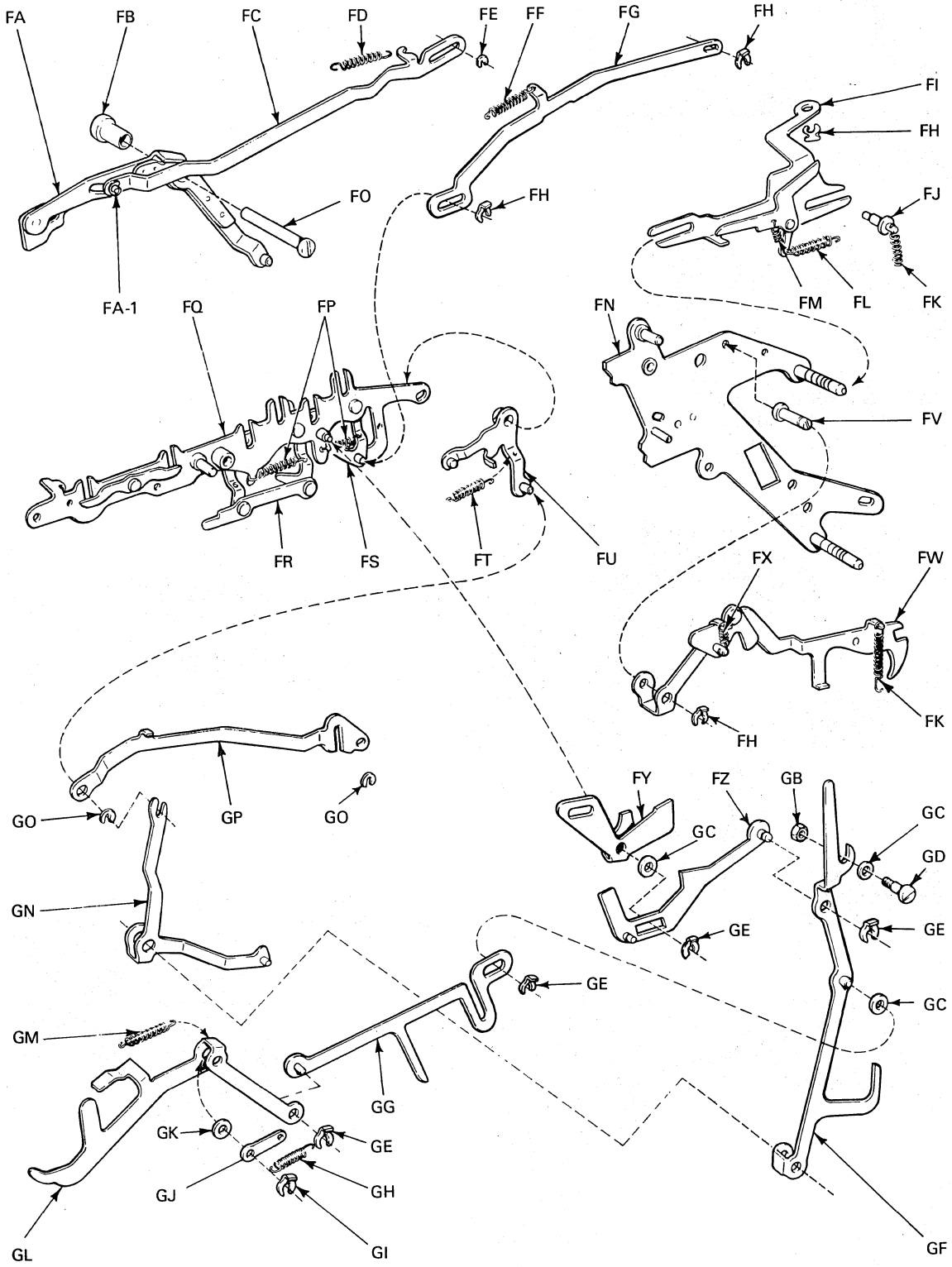
SIDE FRAMES

PART NUMBERS (Plate V-33)

CA	1012 0335	spring
CB	1019 8463	subtract bellcrank
CC	1010 0147	clip
CD	1011 3074	spring
CE	1016 8045	subtract power arm
CF	1016 7708	subtract slide
CG	1028 8041	shoulder nut
CH	1017 1676	spring anchor screw
CI	1011 3074	spring
CJ	1019 8661	support
CK	1010 5393	screw
CL	1010 0154	clip
CM	1019 8851	bellcrank
CN	1019 8646	bellcrank
CO	1010 0220	clip
CP	1027 6590	spring
CQ	1010 3828	spring anchor screw
CR	1010 7266	shoulder screw
CS	1016 8086	bellcrank
CT	1017 2039	shoulder screw
CU	1019 8893	minus bar interlock
CV	1019 6558	aux. side frame
CW	1026 9769	spring
CX	---- ----	Subtract index link
	1016 8052	regular, shown
	1215 2716	for three register machines
CY	1010 0220	clip
CZ	1016 7906	latch
DB	1019 8984	bellcrank
DC	1018 0040	shoulder screw
DD	1016 8078	disabling arm
DE	1019 9099	threaded arm
DF	1019 8919	interlock
DG	1019 9842	interlock
DH	1016 8128	shoulder bushing
DI	1010 4164	washer
DJ	1010 7902	spring
DK	1016 8185	shoulder screw
DL	1023 8434	collar
DM	1020 0293	indexing arm
DN	1227 8701	screw
DO	1018 0289	screw
DP	1030 6314	spring
DQ	1019 8901	interlock
DR	1019 8588	latch assembly
DS	---- ----	Use 1022 8849 keyboard strip (col. 0) 1023 4201 index bar, 1016 8193 shoulder screw
DT	1016 7971	interlock
DU	1016 7534	subtract motor bar. See Plate V-50 for other styles
DV	---- ----	Minus Touch bar
	1016 8318	brown 100
	1218 6235	grey 225
	1224 6112	grey 241
DW	1019 8323	front stem of add motor bar. See Plate V-50 for other styles
DX	---- ----	Add touch bar
	1019 9156	brown 100
	1218 6284	grey 225
	1224 6161	grey 241
DY	1019 8216	rear stem of add motor bar. See Plate V-50 for other styles
DZ	---- ----	Skip touch bar
	1019 9149	brown 100
	1218 6276	grey 225
	1224 6153	grey 241
EB	1019 8224	skip motor bar. See Plate V-50 for other styles
EC	---- ----	Vertical space touch bar
	1016 8383	brown 100
	1218 6268	grey 225
	1224 6146	grey 241
ED	---- ----	Cge. ret. touch bar
	1016 8375	brown 100
	1218 6250	grey 225
	1224 6138	grey 241
EE	---- ----	Vertical space motor bar
	1019 8257	shown
	1019 8265	for vertical space operation omitted
	1019 8273	for non-print option
EF	1019 8232	space and return motor bar

SIDE FRAMES

AUXILIARY RIGHT SIDE FRAME(OUTER VIEW), SERIES P600 AND P9000 MACHINES WITH AUTOMATIC TOTALS (Plate V-34)



Part Numbers On Next Page

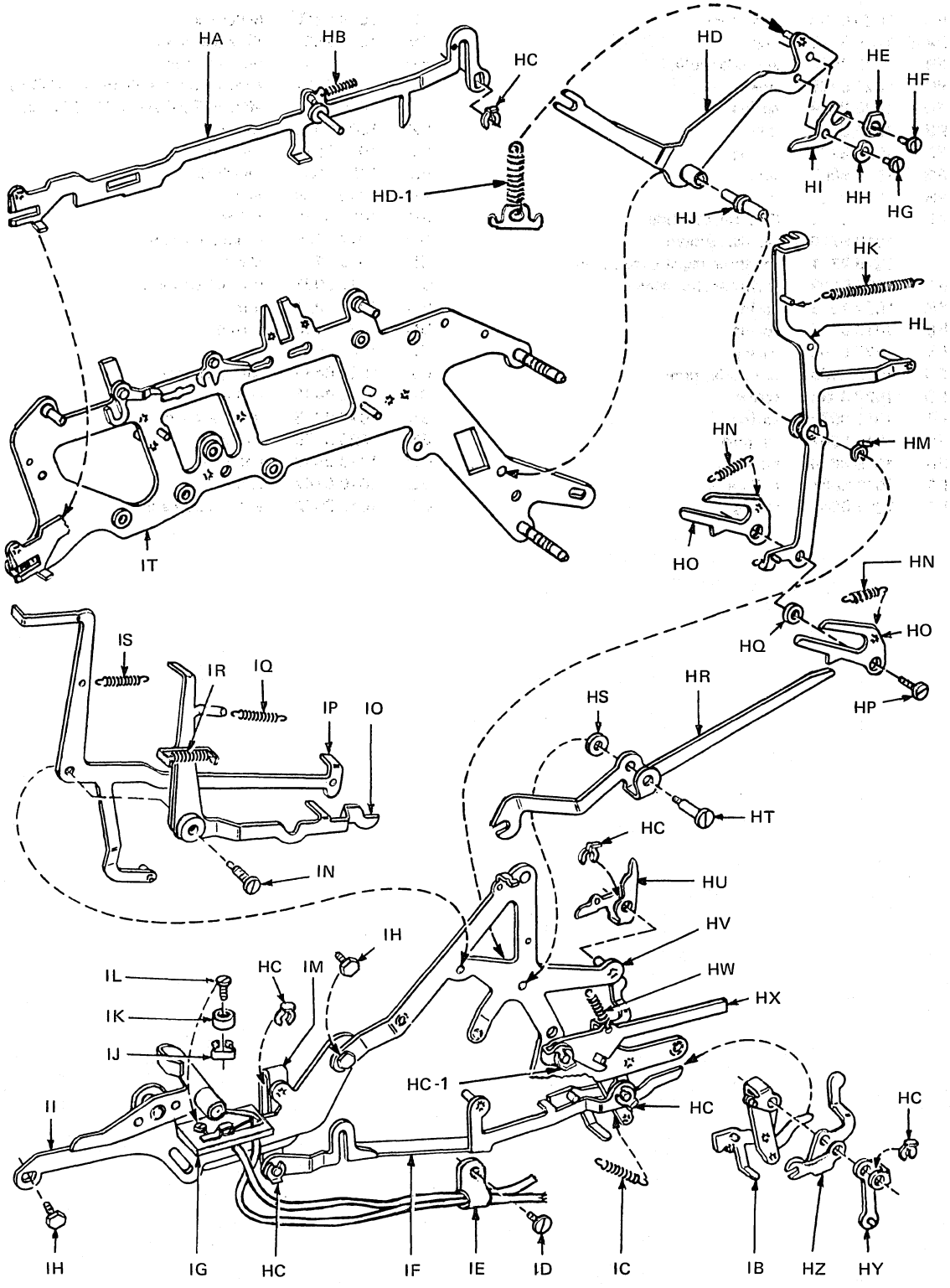
SIDE FRAMES

PART NUMBERS (Plate V-34)

FA	1020 0186	power arm
FA-1	1255 3129	clip
FB	1023 7873	shoulder collar
FC	1020 0228	link
FD	1028 8629	spring
FE	1255 3145	clip
FF	1027 3225	spring
FG	1019 9008	link
FH	1010 0220	clip
FI	---- ----	Skip release slide
	1019 9776	regular, shown
	1215 2831	for three register machines
FJ	1023 8368	spring anchor screw
FK	1027 7549	spring
FL	1013 9277	spring
FM	1027 6202	spring
FN	1019 6558	aux. side frame
FO	1023 8392	screw
FP	1011 3074	spring
FQ	1019 8661	support
FR	1019 8646	bellcrank
FS	1019 8851	bellcrank
FT	1027 5840	spring
FU	1019 8810	bellcrank
FV	1019 9651	threaded post
FW	---- ----	Skip lift arm
	1019 9701	before P378998D and P161771S
	1019 9719	after P378997D and P161770S
FX	1304 2973	spring
FY	1019 9677	interlock
FZ	1022 7692	interlock
GB	1010 0444	nut
GC	1011 5772	collar
GD	1017 2708	shoulder screw
GE	1010 0220	clip
GF	1019 9081	normalizing arm
GG	1016 8094	link
GH	1027 7580	spring
GI	1026 5916	clip
GJ	1026 6443	spring anchor
GK	1010 4446	collar
GL	1019 9073	interlock arm
GM	1026 9355	spring
GN	1020 0442	bellcrank
GO	1010 0147	clip
GP	1019 8992	vertical space link

SIDE FRAMES

AUXILIARY RIGHT SIDE FRAME(OUTER VIEW), SERIES P600 AND P9000 MACHINES WITH AUTOMATIC TOTALS (Plate V-35)



Part Numbers On Next Page

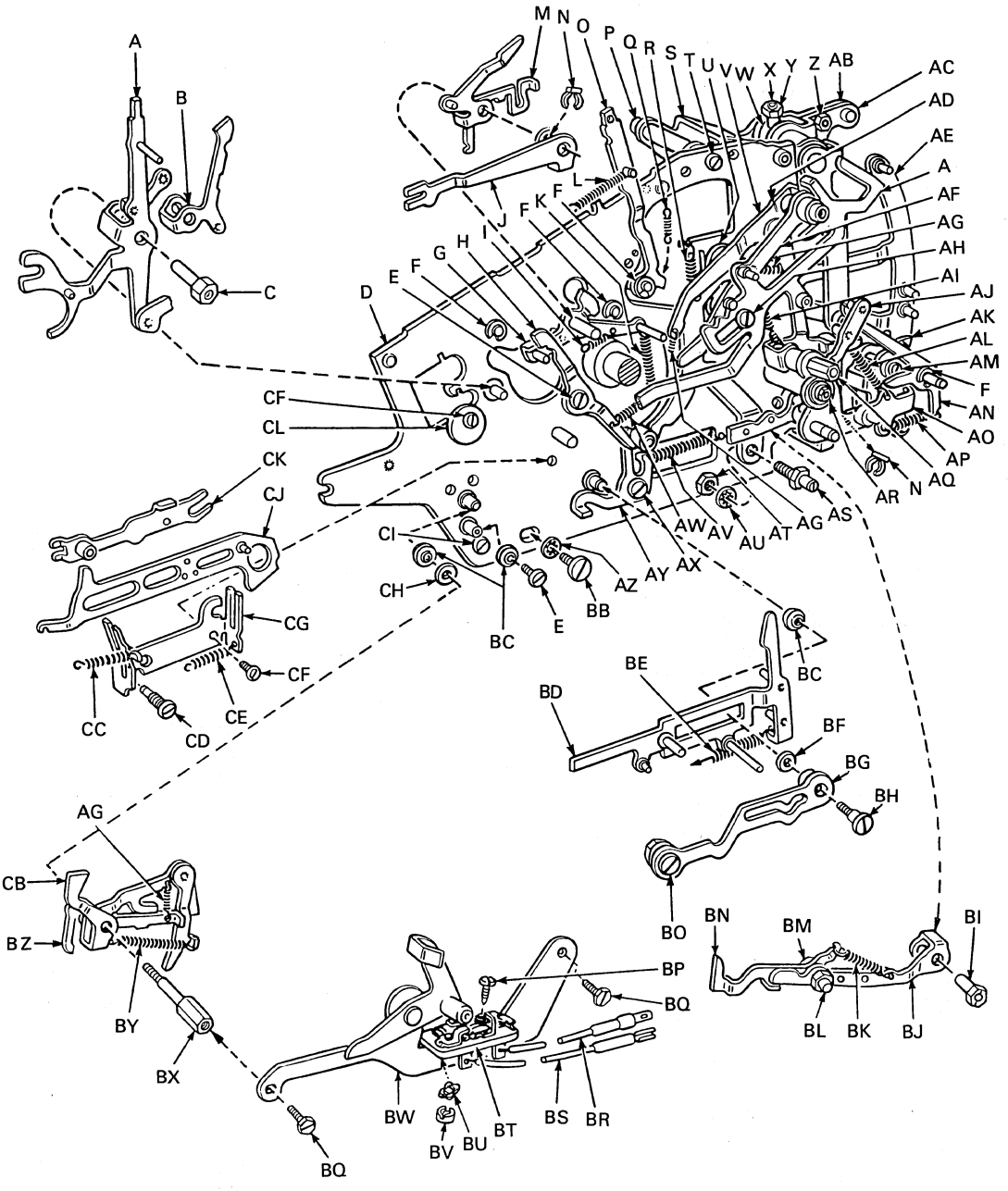
SIDE FRAMES

PART NUMBERS (Plate V-35)

HA	---- ----	Total key interlock slide
	1019 8554	skip motor bar indexed
	1019 8562	skip motor bar and total keys indexed
HB	1018 0834	spring
HC	1010 0220	clip
HC-1	1255 3152	clip
HD	1019 9800	power arm
HD-1	1020 1127	power drive spring
HE	1023 7881	eccentric
HF	1343 0293	screw
HG	1025 7871	screw
HH	1014 5357	washer
HI	1020 0426	trip arm
HJ	1019 9859	post
HK	1026 9504	spring
HL	---- ----	Disabling arm
	1022 7643	regular, shown
	1215 2740	for three register machines
HM	1010 0238	clip
HN	1018 0545	spring
HO	1020 0277	indexing latch
HP	1010 5211	screw
HQ	1010 5757	collar
HR	---- ----	Disabling lever
	1020 0376	regular, shown
	1215 2468	for three register machines
HS	1010 9726	washer
HT	1010 6169	shoulder screw
HU	1020 0251	latch
HV	1020 0244	aux. frame
HW	1026 9363	spring
HX	1020 0418	lever
HY	1020 0368	pivot arm
HZ	1020 0384	bellcrank
IB	1021 3379	bellcrank
IC	1013 9350	spring
ID	1010 8983	screw
IE	1026 8761	plastic clip
IF	1021 3353	link
IG	---- ----	Handle side switch with lead wires
	1220 7106	for Type P motor
	1021 1738	for Type 3 motor
IH	1010 8470	screw
II	1021 3254	bracket
IJ	1011 3538	clip
IK	1011 9824	nut
IL	1012 0178	screw
IM	1021 3346	bellcrank
IN	1017 2161	shoulder screw
IO	1020 0392	bellcrank
IP	1020 0269	bellcrank
IQ	1027 6186	spring
IR	1026 9496	spring
IS	1027 3225	spring
IT	1019 6558	auxiliary side frame

SIDE FRAMES

RIGHT SIDE FRAME(OUTER VIEW), SERIES P600 MACHINES (Plate V-36)



PART NUMBERS (Plate V-36)

A	---- ----	Register selection lever assembly	D	1044 3307	right side frame. See Plate V-43 for other styles
	1017 3540	shown	E	1028 9445	screw
	1215 1924	for three register machines	F	1010 0147	clip. Use 1216 6757 washer in key stem O position to control arm V
B	1019 5790	repeat arm			
C	1017 3862	bushing	G	1044 3364	interlock arm

Part Numbers Continued On Next Page

SIDE FRAMES

PART NUMBERS (Plate V-36) CONTINUED

H	1017 3573	repeat latch. Use 1010 7399 shoulder collar
I	1027 2839	spring
J	1017 3656	error key arm
K	1027 3191	spring
L	1044 3141	spring
M	1044 3380	symbol limit
N	1010 0238	clip
O	1017 3607	keystem, pos. 7-0
P	1014 7684	tie shaft
Q	1015 3963	spring
R	1013 3130	spring
S	1021 3007	dashpot yoke
T	1012 0202	screw
U	1017 3763	subtract mechanism driver
V	1017 3664	interlock arm. Use 1216 6757 washer at keystem 0 pivot (under clip F) to control V
W	1017 5271	spacer
X	1033 5685	complete dashpot assembly
Y	1013 0938	shoulder nut. Use 1256 7459 lockwasher
Z	1010 0360	nut. Use 1010 3380 screw
AB	1015 9655	power yoke arm, right
AC	1015 9663	power yoke arm, left. Use 1017 5263 collar
AD	1017 3680	latching arm for AF
AE	1017 3243	meshing segment
AF	1017 3466	detent arm
AG	1017 1437	spring
AH	1013 2900	screw. Use 1017 3870 shoulder collar, 1017 3920 bushing
AI	1027 3027	spring. Use 1026 6252 wire clip
AJ	---- ----	Part shown no longer available Use 1021 1761 trip arm
AK	1017 3755	power bellcrank for non-add. Use 1010 6025 set collar
AL	1026 9876	spring
AM	1027 6533	screw
AN	1019 7986	drive trip arm latch
AO	1019 7846	bracket
AP	1027 5881	spring
AQ	1016 8284	hex. screw
AR	1010 0378	nut. Use 1010 4164 washer and 1256 7715 lockwasher
AS	1020 0434	eccentric post
AT	1010 0402	nut
AU	1010 4362	lockwasher
AV	1027 7424	spring
AW	1027 6582	spring
AX	1017 1080	screw. Use 1024 7559 washer
AY	1017 3474	timer latch
AZ	1010 4354	lockwasher
BB	1011 2902	screw
BC	1017 3888	shoulder bushing
BD	1017 3490	timing slide
BE	1024 6999	spring for single pocket timing arm
	1217 5832	spring for double pocket timing arm
BF	1010 4982	washer
BG	---- ----	Timing arm
	1017 3706	single pocket arm. This may be replaced by 1216 9637 timing arm and 1217 5832 spring
	1216 9637	double pocket arm. Use spring 1217 5832 only
BH	1017 3193	shoulder screw
BI	1013 7594	bushing
BJ	1017 3516	interlock arm. See Plate V-51 for other styles
BK	1011 3082	spring
BL	1017 4019	screw. Use 1027 6285 spacer
BM	1017 2559	shoulder nut
BN	1019 7796	safeguard interlock. See Plate V-51 for other styles
BO	---- ----	Screw, washers, nut no longer required. Weight is now part of BG
BP	1010 9163	screw
BQ	1010 9825	screw
BR	---------	see BT
BS	---------	see BT
BT	---- ----	Handle side switch with lead wires
	1021 1746	for machines fitted with Type 3 motor
	1220 7106	for machines fitted with Type P motor
	---- ----	Early machines 1021 3254 bracket BW, 1011 9824 (2) nuts BV, 1011 3538 (2) clips BU, 1012 0178 (2) screws BP, plus one of above switches
BU	1011 3538	clip
BV	1011 9824	nut
BW	1021 3254	mounting bracket. See BT for parts consistency for early machines
BX	1017 6774	post
BY	1013 9368	spring
BZ	---- ----	Timing interlock
	1019 7887	formed ear part (shown)
	1216 9645	part fitted with roller instead of formed ear
CB	---- ----	Reg. sel. lever interlock
	1017 3714	shown

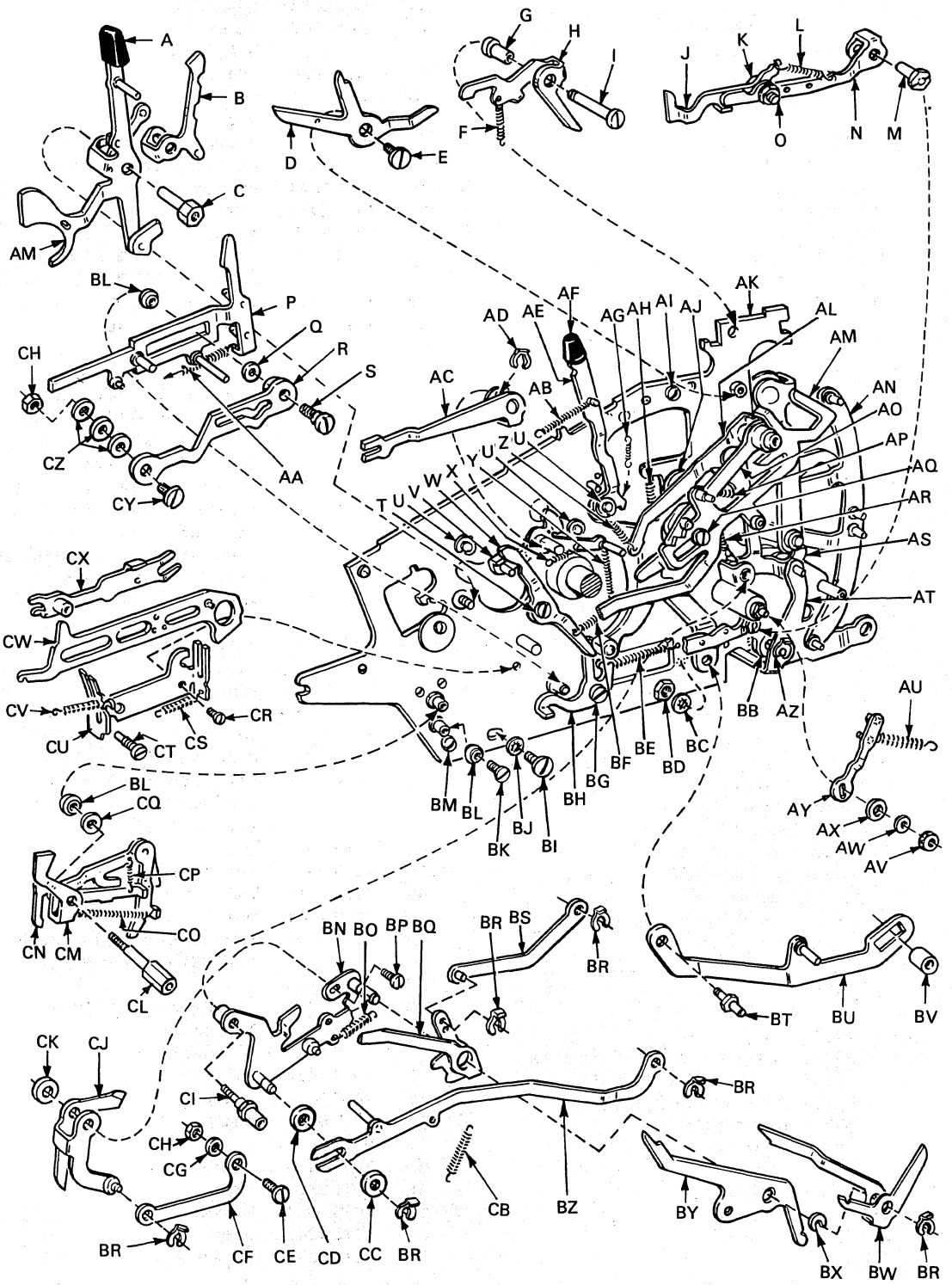
SIDE FRAMES

PART NUMBERS (Plate V-36) CONTINUED

	1216 9686	mating part for BZ fitted with roller
CC	1013 3098	spring
CD	1013 8121	screw
CE	1013 9368	spring
CF	1010 4214	screw
CG	1019 7739	guide
CH	1010 9726	washer
CI	1023 9101	screw
CJ	1019 7762	key release slide. See Plate V-46 for other styles
CK	1017 3508	auxiliary repeat arm
CL	1013 4237	eccentric

SIDE FRAMES

RIGHT SIDE FRAME(OUTER VIEW), SERIES P600 AND P9000 MACHINES WITH AUTOMATIC TOTALS (Plate V-37)



SIDE FRAMES

PART NUMBERS (Plate V-37)

A	---- ----	Register selection lever keybutton
	1016 1966	brown 100
	1224 5999	grey 242
	1218 1277	grey 207
	1218 5963	brown 108
B	1019 5790	repeat arm
C	1017 3862	bushing
D	1017 3631	latch
E	1010 9569	screw
F	1017 1437	spring
G	1023 7832	bushing
H	1019 7861	latch
I	1023 8392	screw
J	1019 7796	safeguard interlock
K	1017 2559	shoulder nut
L	1011 3082	spring
M	1013 7594	bushing
N	1017 3516	interlock arm. See Plate V-51 for other styles
O	1017 4019	screw. Use 1027 6285 spacer
P	1017 3490	timing slide
Q	1010 4982	washer
R	---- ----	Timing Arm
	1017 3706	single pocket arm. This may be replaced by 1216 9637 arm and 1217 5832 spring
	1216 9637	double pocket arm. Use spring 1217 5832
S	1017 3193	shoulder screw
T	1028 9445	screw
U	1010 0147	clip. Use 1216 6757 washer in keystem AE position to control AL.
V	1017 3565	interlock arm
W	1017 3573	repeat latch. Use 1010 7399 shoulder collar
X	1027 2839	spring
Y	1027 3191	spring
Z	1017 1437	spring
AA	1024 6999	spring for single pocket timing arm
	1217 5832	spring for double pocket timing arm
AB	1044 3141	spring
AC	1017 3656	error key arm. Use 1044 3018 washer
AD	1010 0238	clip
AE	1017 3607	keystem, position 7-0. See U for control washer for part AL
AF	---- ----	Keybutton for pos. 7-0
	1010 8249	brown 100
	1218 5864	brown 108
	1052 8438	grey 225
	1225 2433	grey 220
	1224 5981	grey 242
AG	1015 3963	spring
AH	1013 3130	spring
AI	1012 0202	screw
AJ	1017 3763	subtract power drive arm
AK	1044 3307	right side-frame. See Plate V-43 for other styles
AL	1017 3664	interlock arm
AM	---- ----	Register selection control lever lever
	1019 7812	regular
	1215 1924	for three register machines
AN	1017 3243	meshing segment
AO	1017 3466	detent
AP	1017 1437	spring
AQ	1013 2900	screw. Use 1017 3870 shoulder collar and 1017 3920 bushing
AR	1027 3027	spring. Use 1026 6252 wire clip
AS	1017 3680	latch for detent AO
AT		When machine is fitted with early ribbon mechanism (Plate VI-6) use 1019 7895 sensing bail, 1029 9469 lift assembly, 1020 2422 (2) friction slides, 1020 2430 latch, 1021 1506 handle shaft assembly (primary) or use appropriate complete main operating assembly (see Plate VI-8), 1021 2959 dashpot hanger shaft, 1023 4789 ribbon lift arm (right), 1024 7054 screw post, 1024 8011 (2) washers, 1010 0386 (2) nuts, 1030 6298 washer, 1035 0833 compression spring, 1044 1889 shoulder screw, 1255 3152 clip, 1019 7648 tie strip, 1021 3189 drive arm, 1256 5263 nut.
	1019 7895	ribbon sensing bail for late style red ribbon lift mechanism (see Plate VI-7)
AU	1026 9876	spring
AV	1010 0378	nut
AW	1256 7715	lockwasher
AX	1010 4164	washer
AY	---- ----	Part shown no longer available. Use 1021 1761 trip arm
AZ	1010 0238	clip
BB	1017 5313	shoulder set collar. Use 1010 7183 screw
BC	1010 4362	lockwasher
BD	1010 0402	nut
BE	1027 7424	spring
BF	1027 6582	spring
BG	1017 1080	shoulder screw
BH	1017 3474	timer slide latch
BI	1011 2902	screw
BJ	1010 4354	lockwasher
BK	1010 4248	screw
BL	1017 3888	shoulder bushing

Part Numbers Continued On Next Page

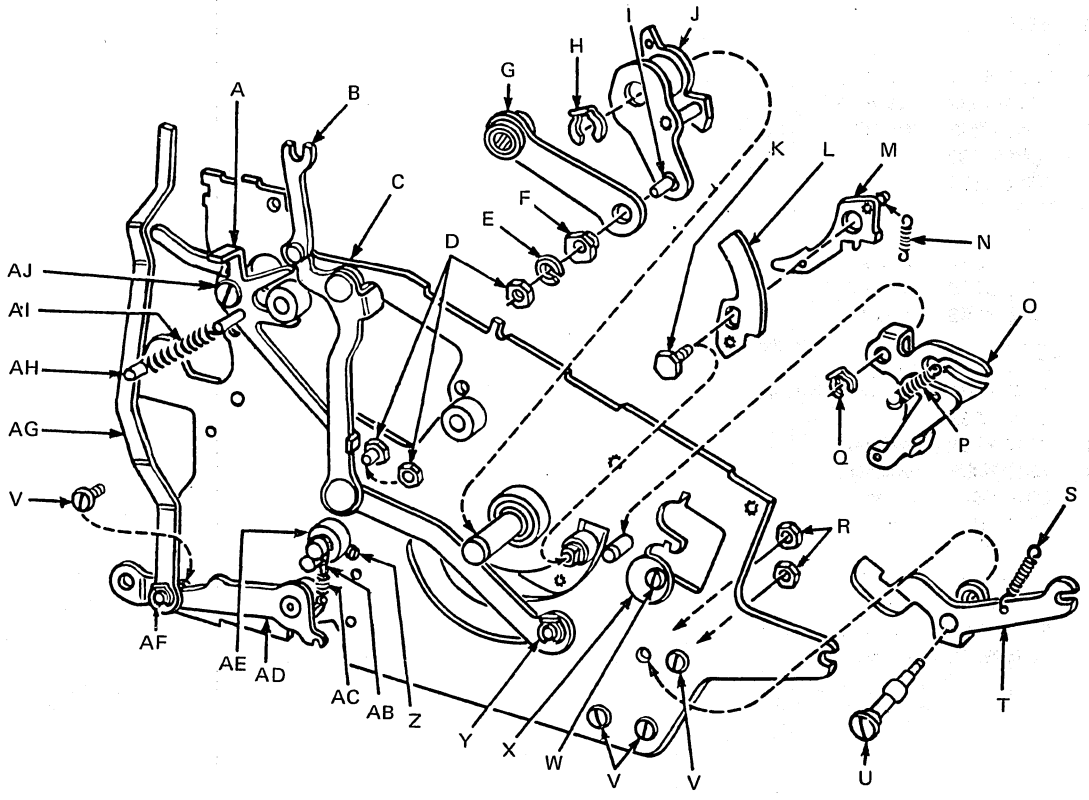
SIDE FRAMES

PART NUMBERS (Plate V-37) CONTINUED

BM	1027 3324	screw
BN	1019 7846	bracket
BO	1027 5881	spring
BP	1027 6533	screw
BQ	1020 0343	third latch
BR	1010 0220	clip
BS	1020 0335	link
BT	1020 0434	eccentric screw stud
BU	1021 3320	link
BV	1023 7824	spacer
BW	1015 5232	second latch
BY	1019 7986	first latch
BZ	---- ----	Red ribbon index link
	1015 9507	regular
	1215 2476	for three register machines
CB	1026 9363	spring
CC	1017 4134	washer
CD	1010 9098	washer
CE	1017 1841	eccentric screw
CF	1019 8935	link
CG	1256 7715	lockwasher
CH	1010 0360	nut (see CY)
CI	1016 8284	hex. screw post
CJ	1017 3755	non-add power arm
CK	1010 6052	spacer
CL	1017 6774	post
CM	---- ----	Reg. sel. lever interlock
	1017 3714	shown
	1216 9686	mating part for CN which is fitted with roller
CN	---- ----	Timing interlock
	1019 7887	formed ear part (shown)
	1216 9645	part fitted with roller instead of formed ear
CO	1013 9368	spring
CP	1017 1437	spring
CQ	1010 9726	washer
CR	1010 4214	screw
CS	1013 9368	spring
CT	1013 8121	screw
CU	1019 7739	guide
CV	1027 6301	spring
CW	1019 7762	key release slide. See Plate V-46 for other styles
CX	1017 3508	aux. repeat arm
CY	---- ----	Screw, washers, nut no longer required. Weight is now part of timer R
CZ	--------	see CY

SIDE FRAMES

LEFT SIDE FRAME, SERIES P600, P5000 AND P9000 MACHINES (Plate V-38)

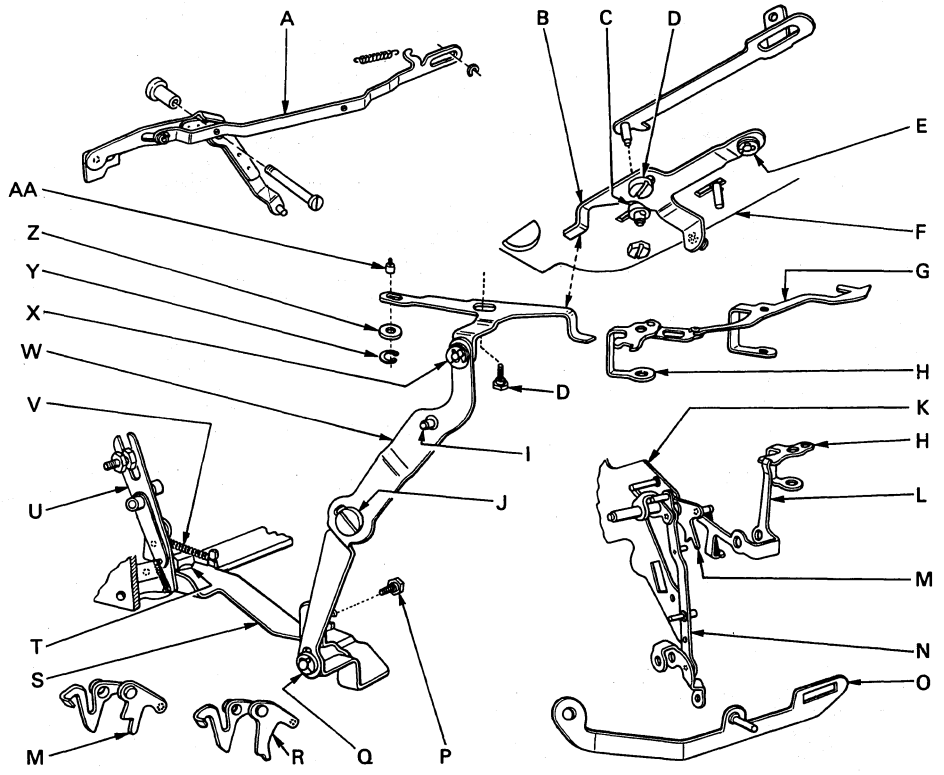


PART NUMBERS (Plate V-38)

A	1015 8319	printing control arm
B	1021 3155	power arm
C	1044 3281	side frame, left
D	---- ----	Use 1010 0337 nut for screw I. At side frame use 1010 0311 inner nut and 1010 0337 outer nut with 1010 4362 lockwasher between nuts
E	1256 7467	lockwasher
F	1011 2332	eccentric
G	1016 2212	drive link
H	1010 0089	regular clip. Use 1255 3178 clip when hole in J is excessively countersunk
I	1011 2647	screw
J	1011 1052	drive pawl
K	1010 8702	screw
L	1016 2089	anchor plate
M	1016 2071	drive latch
N	1011 3041	spring
O	1013 4179	break hook
P	1011 3074	spring
Q	1010 0220	clip
R	1010 0311	nut
S	1027 6798	spring
T	1011 6135	date repeat control arm
U	1012 0244	screw
V	1013 8030	screw
W	1010 4214	screw
X	1013 4237	eccentric
Y	1010 0238	clip
Z	1010 8967	screw
AB	1026 6252	wire anchor
AC	1027 6582	spring
AD	1029 9469	ribbon lift shaft
AE	1021 2124	shoulder collar, use 1010 8967 screw
AF	1010 0154	clip
AG	---- ----	Ribbon lift arm, left
	1015 7923	early, shown
	1023 4789	late
AH	1052 6176	spring post
AI	1027 6566	spring
AJ	1010 9569	screw

SIDE FRAMES

MECHANISM FOR CARRIAGE CONTROLLED SELECTION OF 'A' AND 'B' POSITIONS OF REGISTER SELECTION LEVER OCL 60 (Plate V-39)

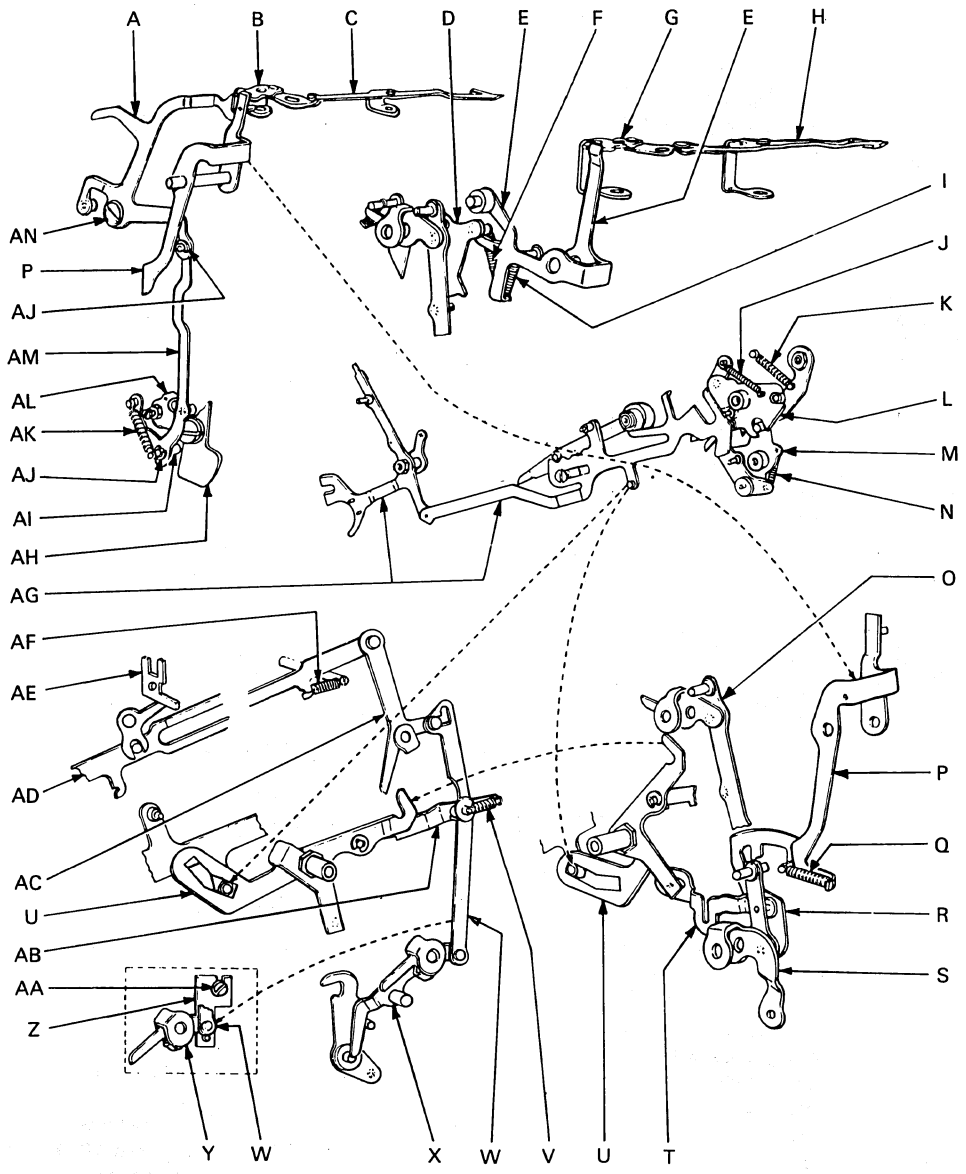


PART NUMBERS (Plate V-39)

A	1215 8333	link
B	1215 8283	slide
C	1017 1973	roller. Use 1010 4552 washer and 1010 0212 clip
D	1215 8440	screw
E	1255 3152	clip. Use 1010 4446 washer
F	1215 8366	carriage base plate
G	1023 3302	control lever
H	1215 8390	bellcrank
I	---------	part of K
J	1215 8457	screw
K	1215 8416	auxiliary side frame
L	1023 3385	non-add bail
M	1016 8011	register 'A' non-add pawl. Use 1019 8711 actuating link
N	---- ----	Actuating link
	1019 8711	regular
	1215 2294	for three register machines
O	1215 8325	link
P	1215 8465	screw. Use 1256 7715 lockwasher and 1010 0360 nut
Q	1255 3152	clip. Use 1010 4446 washer
R	1215 8465	register 'A' non-add pawl. Use 1215 2294 actuating link
S	1215 8317	control slide
T	1215 8432	screw
U	1215 8341	push pawl assembly
V	1027 3076	spring. Use 1010 3711 front anchor screw
W	1215 8309	lever
X	1255 3152	clip. Use 1010 4446 washer
Y	1255 3152	clip
Z	1010 4446	washer
AA	---- ----	Stud is part of F. If required separately use 1215 8382

SIDE FRAMES

RIGHT SIDE FRAME, SERIES P600, P5000 AND P9000 MACHINES, THREE REGISTER CONTROL MECHANISM (Plate V-40)



PART NUMBERS (Plate V-40)

A	1215 1965	arm. Use 1215 7798 guide	J	1012 0335	spring
B	1015 9366	connecting link, lane 5	K	1029 4163	spring
C	1015 9267	control arm, lane 5	L	1215 1973	total pawl assembly
D	1215 2278	non-add pawl assembly	M	1019 4744	listing pawl assembly
E	1215 2252	bail, lane 3	N	1013 3114	spring
F	1026 9769	spring	O	1215 2294	actuating link
G	1015 9325	connecting link, lane 3	P	1215 2104	bail
H	1023 3286	control arm, lane 3	Q	1013 9350	spring
I	1027 6426	spring	R	1215 2179	selector

Part Numbers Continued On Next Page

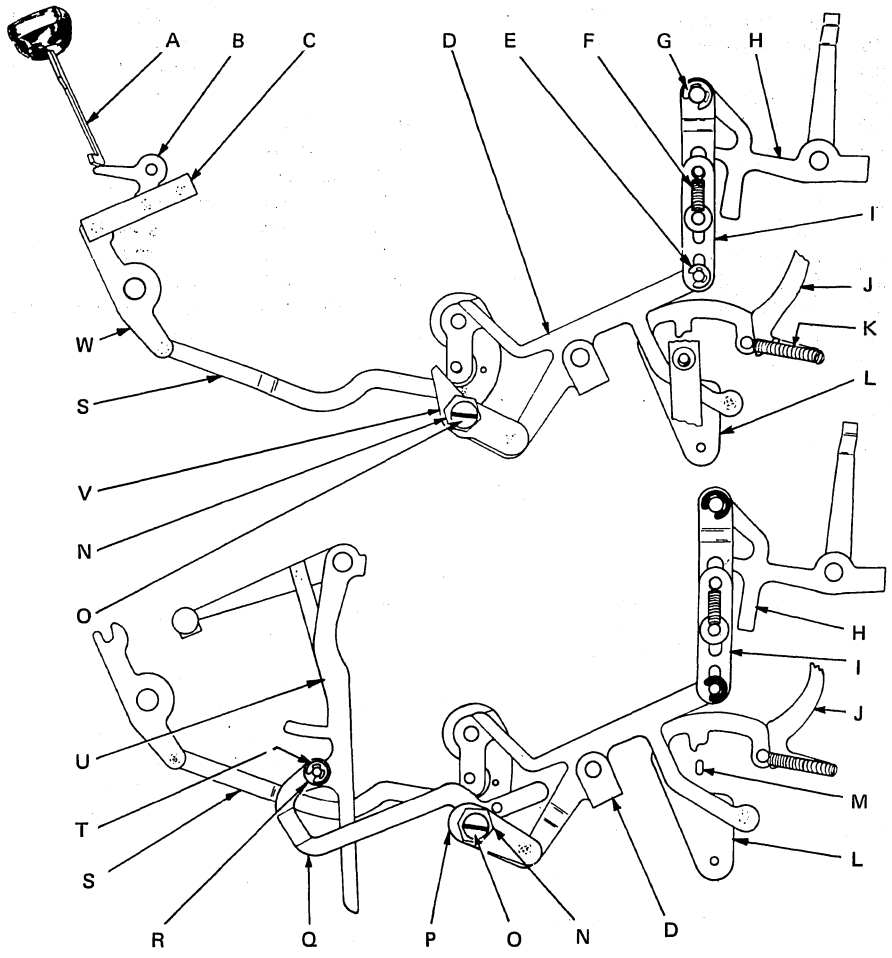
SIDE FRAMES

PART NUMBERS (Plate V-40) CONTINUED

S	--------	Part of O
T	1215 2492	link. Use 1015 5772 washer and 1010 0147 clip
U	1215 2492	disabling arm
V	1026 9751	spring
W	1215 2088	arm assembly
X	1016 7591	disabling arm
Y	--------	Part of W
Z	1020 2836	adjustable limit
AA	1010 5393	screw
AB	---- ----	Part of W
AC	---- ----	Part of W
AD	1019 8380	non-add slide
AE	1216 9785	total keystem
AF	1027 3225	spring
AG	1215 1924	shift lever assembly
AH	1019 3480	right side frame
	1216 9736	left side frame for regular styles
	1215 3177	left side frame for sterling styles
AI	1215 2161	bail
AJ	1010 0154	clip
AK	1014 7650	(2) springs
AL	1016 0877	bracket
AM	1012 0251	spring stud
AN	1216 7383	limit roller
AO	1215 7822	link
AP	1010 4867	screw. Use 1215 7806 pivot bush for arm A

SIDE FRAMES

RIGHT SIDE FRAME, SERIES P600, P5000 AND P9000 MACHINES, TRANSFER TOTAL MECHANISM FOR THREE REGISTER MACHINES (Plate V-41)

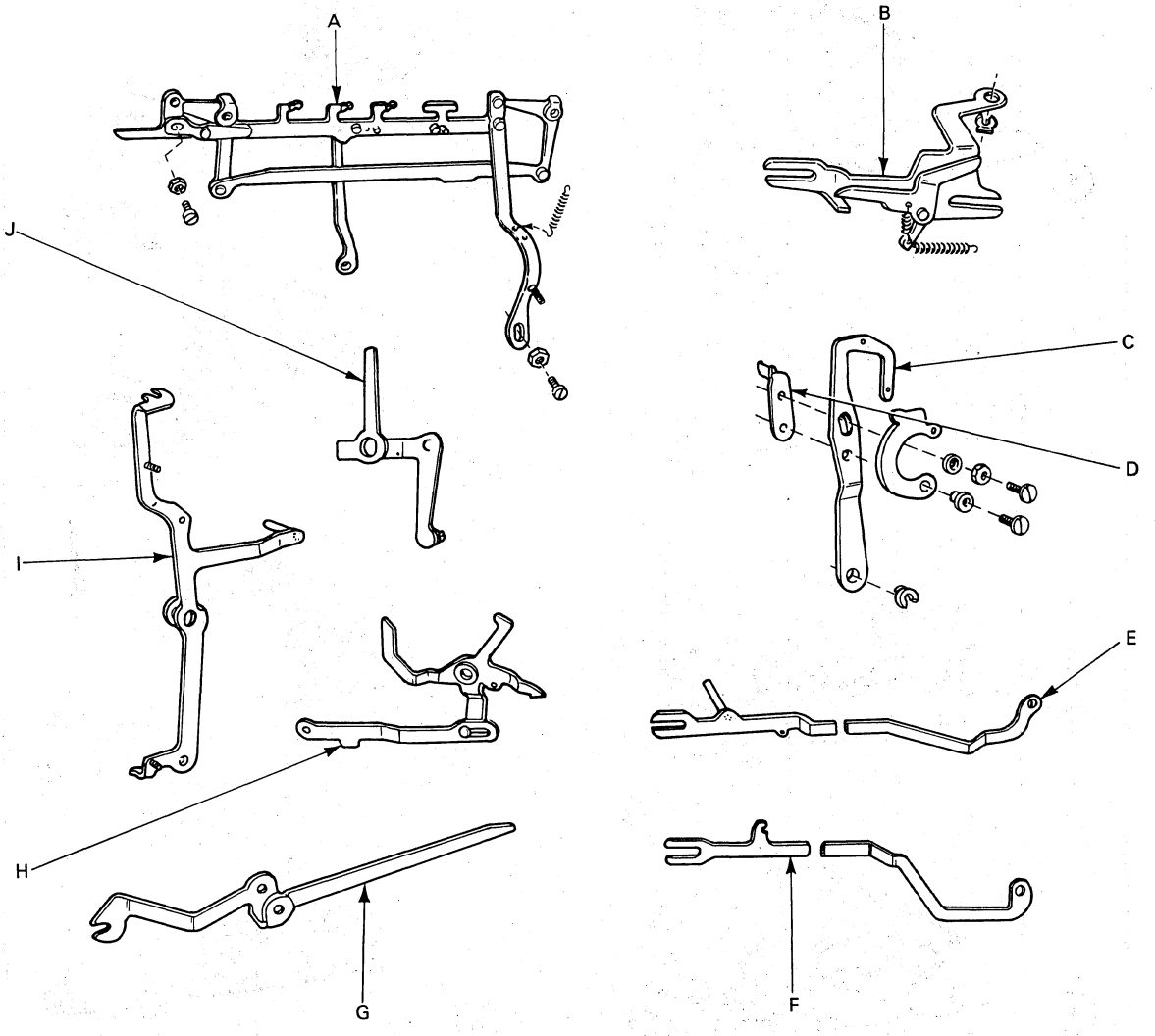


PART NUMBERS (Plate V-41)

A	1216 9785	total keystem
B	1016 7740	total bellcrank. Use 1016 8219 shoulder rivet
C	---- ----	Part of control panel
D	1215 2419	multi-arm assembly
E	1255 3129	clip
F	1027 6186	spring
G	1255 3145	clip
H	1215 2252	bail, lane 3
I	1215 2195	link
J	1215 2104	bail, lane 5
K	1013 9350	spring
L	1215 2179	selector
M	---- ----	Stud is part of 1215 2294 drive arm
N	1019 2110	eccentric
O	1010 8991	screw
P	1215 2070	adjustable blank
Q	1215 2427	link
R	---- ----	Hub is part of Q
S	1215 2336	linkage
T	1255 3145	clip
U	1215 2377	bellcrank
V	1215 2948	adjustable blank
W	---- ----	Part of S

SIDE FRAMES

RIGHT SIDE FRAME, AUXILIARY PARTS REQUIRED FOR SERIES P600, P5000 and P9000 THREE REGISTER MACHINES (Plate V-42)

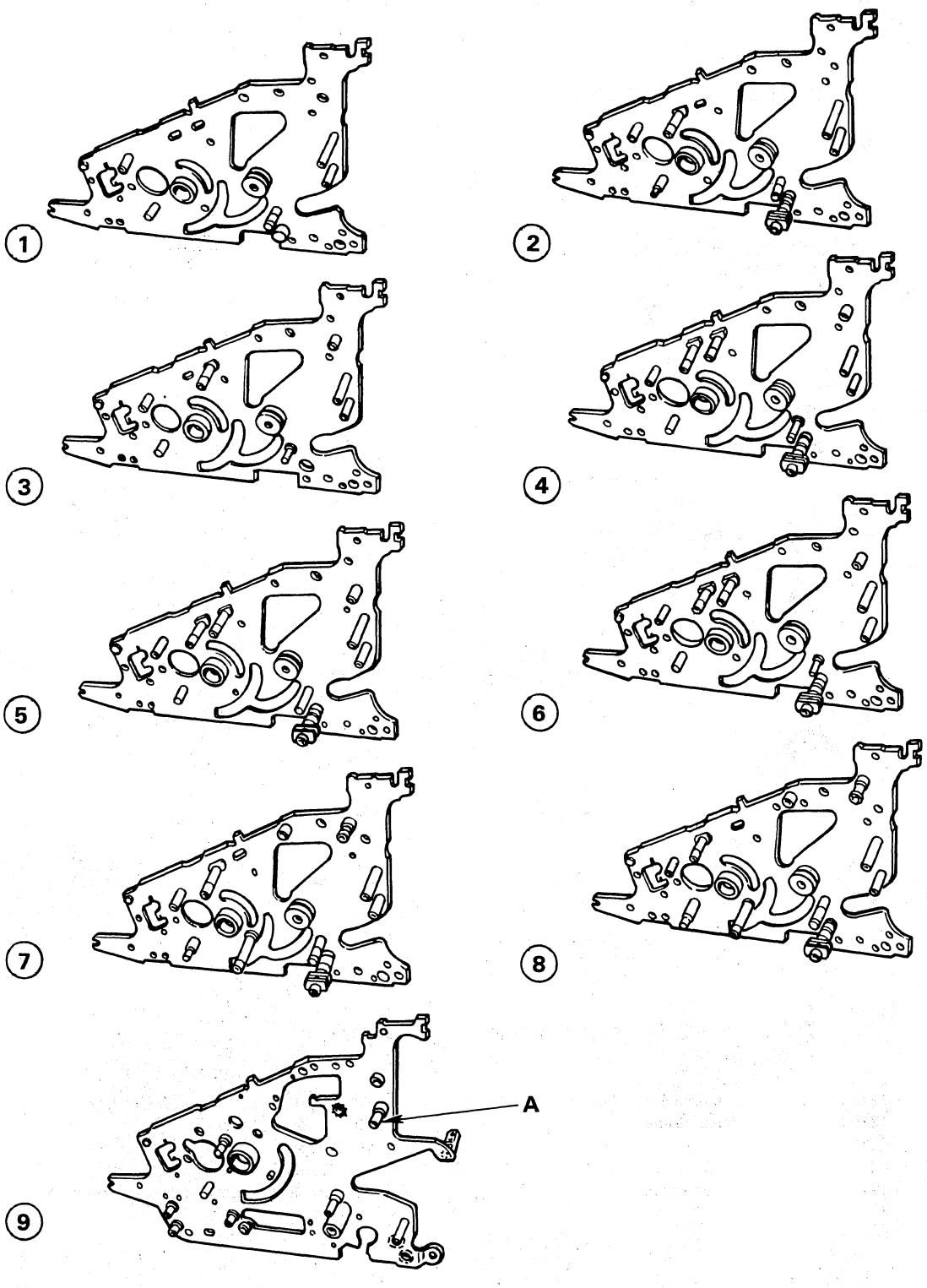


PART NUMBERS (Plate V-42)

A	1215 2484	intermediate motor bar	F	1215 2716	subtract indexing link
B	1215 2831	skip release slide	G	1215 2468	disabling lever
C	1215 2765	arm	H	1215 2005	col. OO index bar limit
D	1215 2757	adjustable plate	I	1215 2740	disabling arm
E	1215 2476	red ribbon index link	J	1215 2732	subtract indexing bellcrank

SIDE FRAMES

MACHINE SIDE FRAMES, RIGHT (Plate V-43)



Part Numbers On Next Page

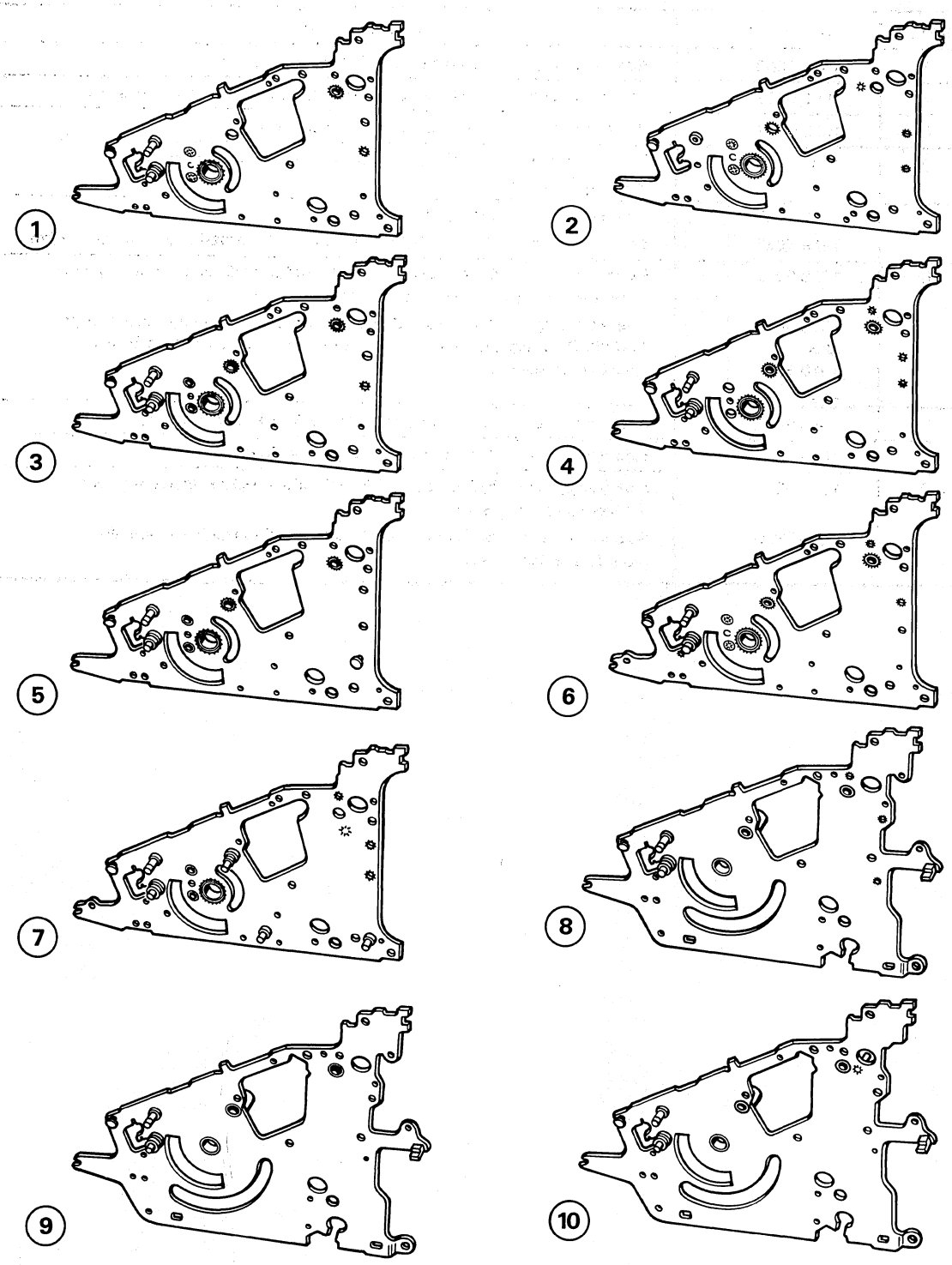
SIDE FRAMES

PART NUMBERS (Plate V-43)

REF.	PART NUMBER	DESCRIPTION
1	1040 9563	Side frame, right – Class 8, Series P1200 hand machines.
2	1062 0912	Side frame, right – Class 8, Series P100, P1200, P2100 electric machines.
3	1032 9902	Side frame, right – Class 9, Series P1300 hand machines.
4	1032 9969	Side frame, right – Class 9, Series P200, P1300, P2200 electric machines (non-credit balance)
5	1219 3025	Side frame, right – Class 9 10121
	1219 3066	Side frame, right – Class 9 10126, with enforced subtotal and total mechanism.
6	1033 0066	Side frame, right – Class 9, Series P200, P1300 and P2200 electric machines (with direct minus balance mechanism)
	1033 0066 plus 1010 5534 stud	Side frame, right – for certain Class 9 machines built only by Detroit, after P410093D, which contained broken joint construction of the subtract indexing mechanism.
7	1040 9571	Side frame, right – Class 10, Series P1400, P300, P2300 machines.
8	1013 4427	Side frame, right – Class 10 three register machines.
9	1044 3307	Side frame, right – Series P400, P600, P5000 and P9000 machines, stud 'A' tapped for 1/8" screw.
	1215 5826	Side frame, right – Series P400 and P5000 shuttle machines - stud 'A' tapped for 5/32" screw.

SIDE FRAMES

MACHINE SIDE FRAMES, LEFT (Plate V-44)



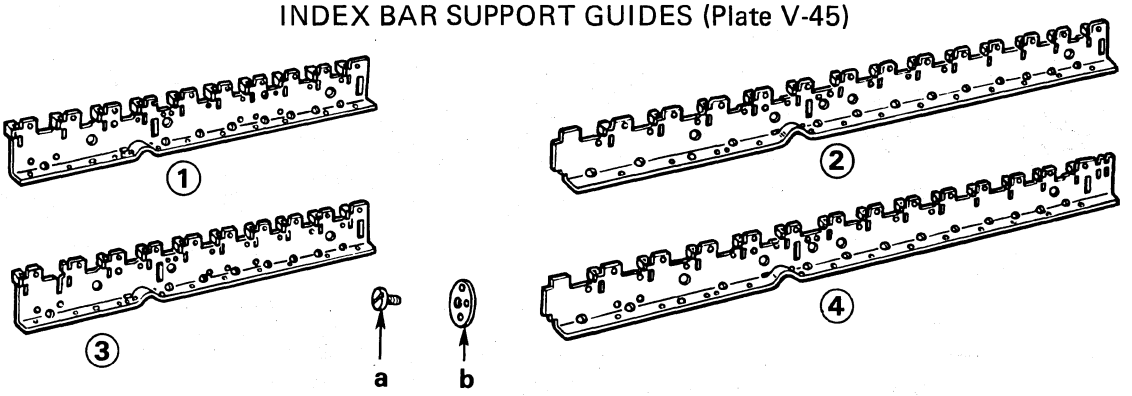
Part Numbers On Next Page

SIDE FRAMES

PART NUMBERS (Plate V-44)

REF.	PART NUMBER	DESCRIPTION
1	1040 9472	Side frame, left – Class 8-9-10, Series P1200, P1300, P3000 hand machines.
2	NO LONGER AVAILABLE	
3	1040 9498	Side frame, left – Class 8-9-10, Series P100, P200, P300, P1200, P1300, P1400, P2100, P2200, P2300 electric machines, without calendar fte.
4	1040 9506	Side frame, left – Class 8-9-10 electric machines, with calendar fte.
5	1040 9514	Side frame, left – Class 10 three register machines.
6	1040 9530	Side frame, left – Class 8-9-10 hand machines with rotary calendar fte. and rotary consecutive numbering device.
7	1019 6541	Side frame, left – Series P100, P200 and P300 machines with Type P2 motor.
8	1044 3273	Side frame, left – Series P400 and P5000 machines.
9	1044 3281	Side frame, left – Series P600, P5000 and P9000 machines, without rotary printing device.
	1221 4482 (not illustrated)	Side frame, left – Series P600P, P5000P and P9000P machines, without rotary printing device.
10	1044 3299	Side frame, left – Series P600, P5000 and P9000 machines, with rotary printing device.
	1221 4490 (not illustrated)	Side frame, left – Series P600P, P5000P and P9000P machines, with rotary printing device.

INDEX BAR SUPPORT GUIDES (Plate V-45)

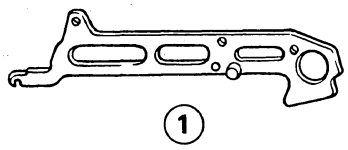


PART NUMBERS (Plate V-45)

REF.	PART NUMBER	DESCRIPTION
1	1013 4229	Index bar guide – Class 8-9-10, Series P100, P200, P300, P1000 and P3000 machines, retained by left and right eccentrics (b) and screws (a)
2	1013 4211	Index bar guide – Class 9, 13 col. construction retained by left and right eccentrics (b) and screws (a).
3	1040 9191	Index bar guide – Class 10 food control machines, retained by left and right eccentrics (b) and screws (a).
4	1017 3326	Index bar guide – Series P400, P600, P5000 and P9000 machines, retained by left and right eccentrics (b) and screws (a).
	1019 7671 (not illustrated)	Index bar guide – Series P400, P5000 machine with automatic count feature (see Plate V - 83)
a	1010 4214	screw
b	1013 4237	eccentric

SIDE FRAMES

KEY RELEASE SLIDE CHART (Plate V-46)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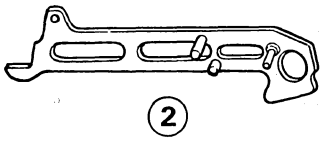
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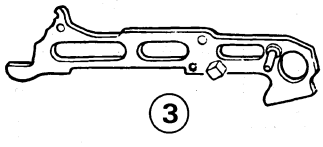
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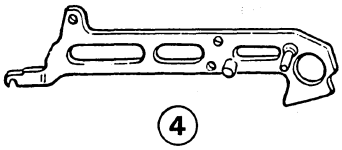
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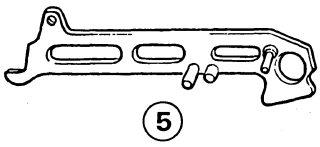
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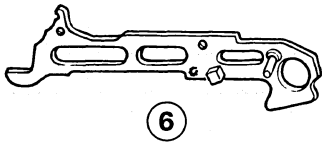
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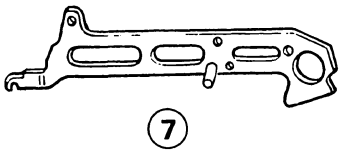
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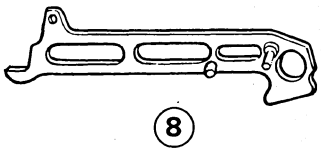
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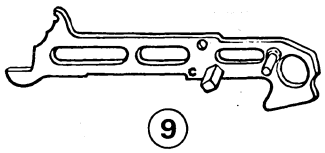
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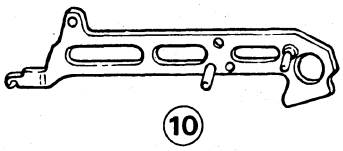
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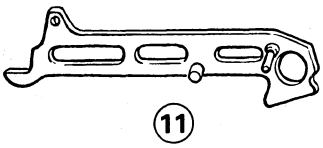
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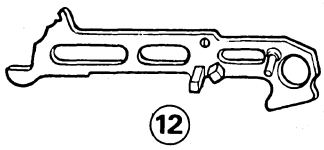
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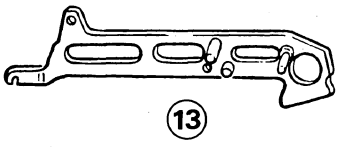
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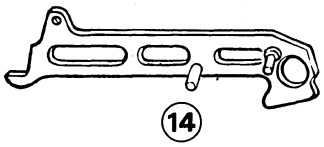
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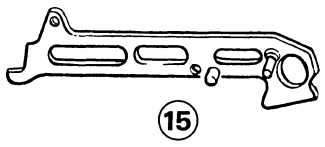
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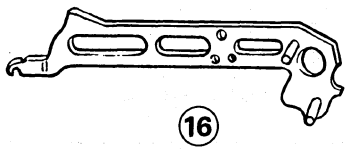
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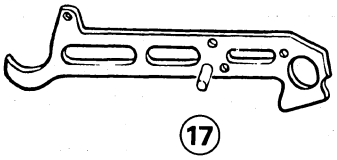
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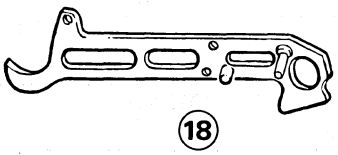
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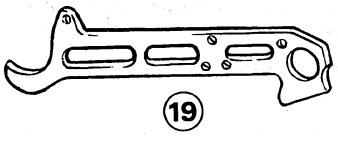

19

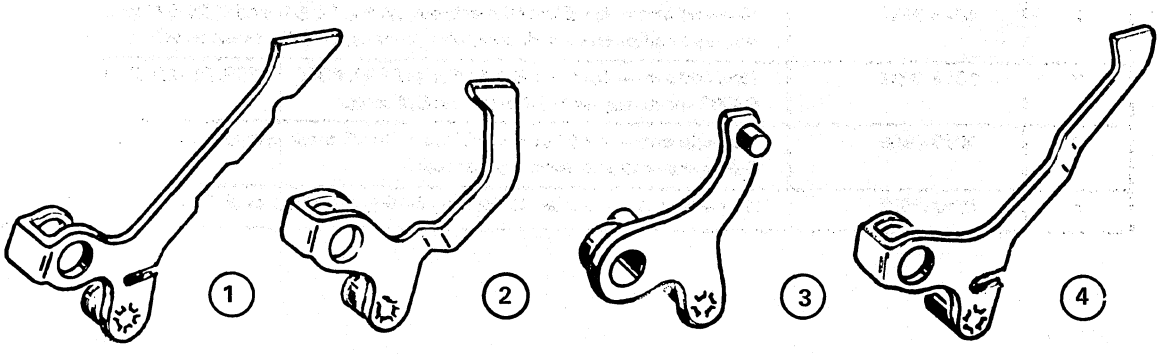
Part Numbers On Next Page

SIDE FRAMES

PART NUMBERS (Plate V-46)

REF.	PART NUMBER	DESCRIPTION
1	1040 9811	Slide – Classes 90801, 90895, 91095 with 6" F.F. carriage.
2	NO LONGER AVAILABLE	
3	1019 5923	Slide – Classes 8 and 10 with locked keyboard mechanisms. V and R and tellermachines.
4	1019 5907	Slide – Classes 8 - 10, SeriesP3200 and P3400 cash machines.
5	1013 4799	Slide – Class 9 machines with enforced designation disabled from OCK's 6-0, 7-0, 8-0, 9-0 and lock in position 77.
6	NO LONGER AVAILABLE – use ref. 3	
7	1019 5899	Slide – Class 9 machines, such as styles 91305, 91355, 910108, 910121 and 913112 machines.
8	NO LONGER AVAILABLE	
9	NO LONGER AVAILABLE	
10	1019 5915	Slide – Class 9 book-keepers with protective features, such as styles 910124, 910125 and 910126 machines.
11	1013 4807	Slide – Class 8-10 machines with enforced designation disabled from OCK's in col. "0", such as styles 808201, 810202, 810252, 1010282, 1010292, 1010301.
12	1052 1920	Slide – Class 9 machines with repeat of date and locked keyboard mechanisms.
13	NO LONGER AVAILABLE	
14	NO LONGER AVAILABLE	
15	1013 4815	Slide – Class 10 machines with FE carriage, such as 1010252FE.
16	1019 7762	Slide – SeriesP400, P600, P5000 and P9000 machines.
17	1013 4831	Slide – Series P200, P1323, P1325, P2206, P2208, P2210 machines with direct minus bal. mechanism.
18	1013 4849	Slide – Series P100, P300, P1403, P1405, P1415, P2103, P2110, P2301, P2310, P3403-01, P3405-11.
19	1013 4823	Slide – Class 8, Series P200, P1302, P1312, P1303, P1313, P2205, P2207, P3201-01.

REPEAT ARM CHART (Plate V-47)

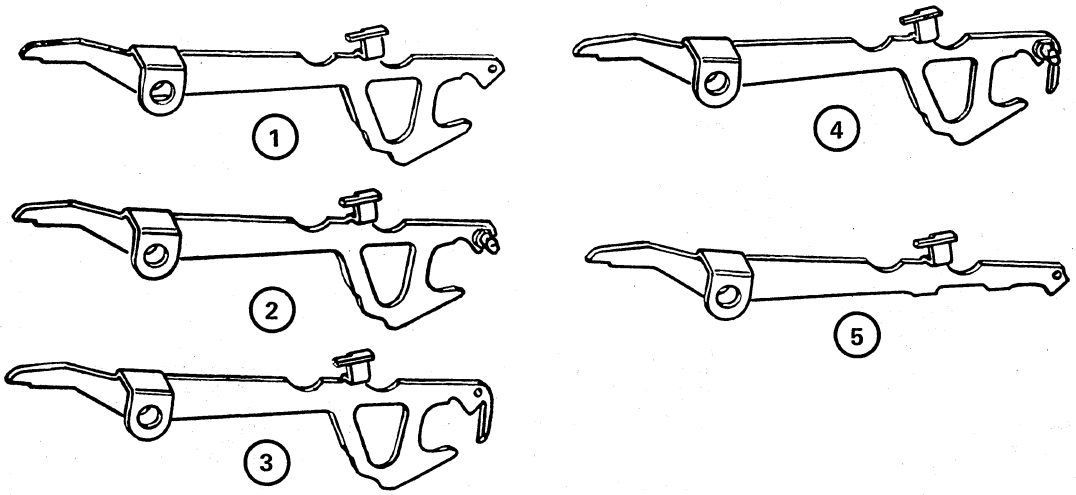


SIDE FRAMES

PART NUMBERS (Plate V-47)

REF.	PART NUMBER	DESCRIPTION
1	1019 5790	Repeat arm — for Classes 8-9-10, Series P100, P200, P300, P1000, P2000, P5000 and P9000 machines.
2	1013 3981	Repeat arm — for Class 10 machines, with double motor bar and O.C.L. 51.
3	1013 3999	Repeat arm — for Classes 8-10 machines, with O.C.K. 6-0 to repeat items and lock keys and class 10 cash receipting machines.
4	1019 3999	Repeat arm — for Classes 8-9-10, Series P100, P200, P300, P1000 and P2000 machines with an O.C.K. in position 4-0.

NON–ADD ARM CHART (Plate V-48)

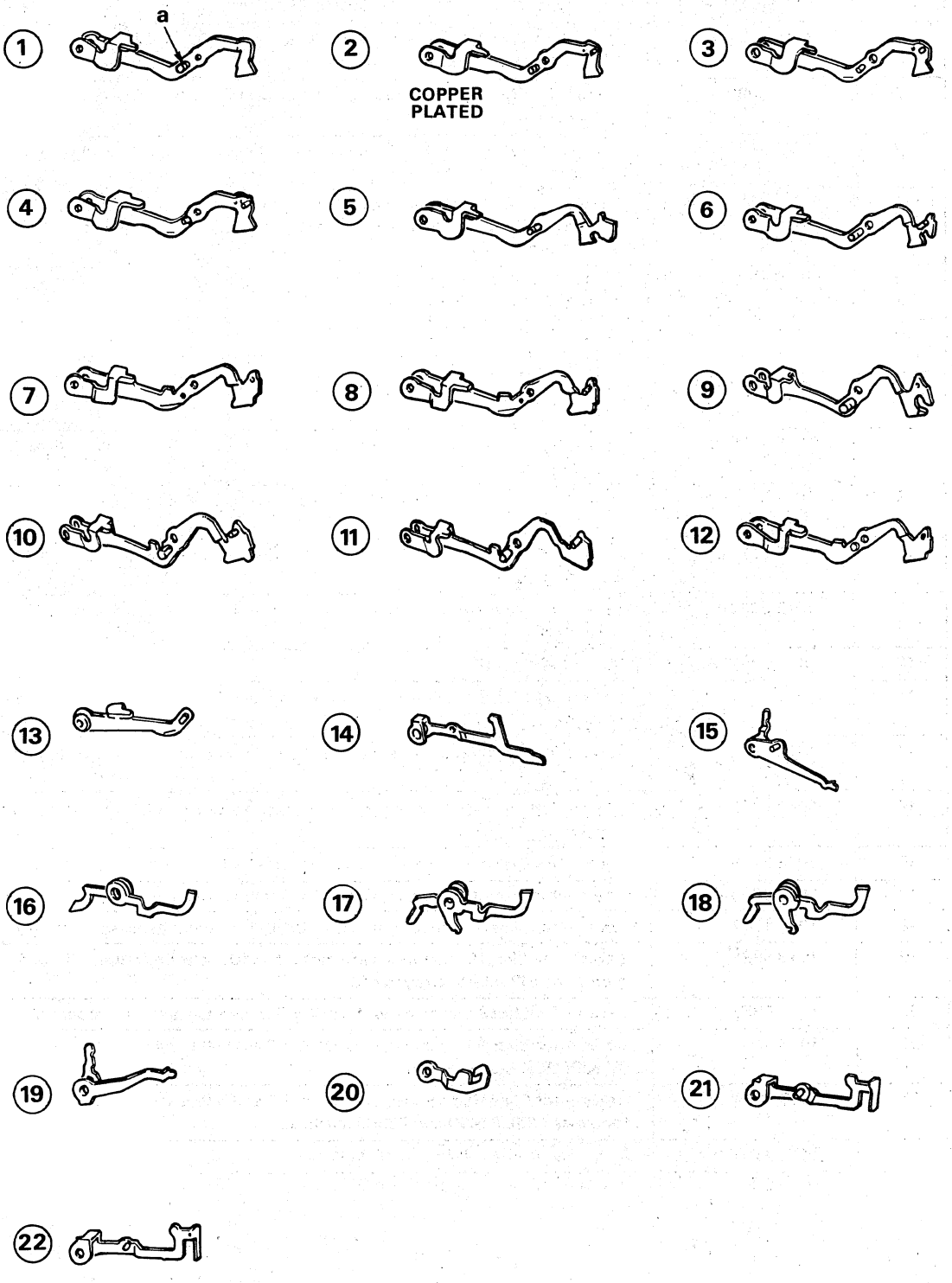


PART NUMBERS (Plate V-48)

REF.	PART NUMBER	DESCRIPTION
1	1013 4575	Non-add arm — for Class 10, Series P300, P1400, P2300, P3400 machines with OCL 51.
2	1013 4583	Non-add arm — for Class 10 machines, with OCL 51, and OCK 6-0 to non-add and open cash drawer; also commercial tellers machines.
3	1013 4591	Non-add arm — for Class 8-9-10 Series P100, P200, P1200, P1300, P2100, P2000 machines, with 10 pitch symbol sector.
4	1013 4609	Non-add arm — for Class 9 machines, with 10 pitch symbol sector and OCK 6-0 to non-add and open cash drawer.
5	1040 9696	Non-add arm — for Class 10 laundry billing machines, with OCK 6-0 to add.

SIDE FRAMES

CONTROL LEVER CHART (MULTIPLE FUNCTION) (Plate V-49)



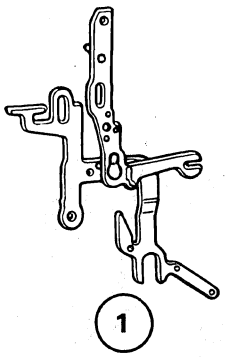
SIDE FRAMES

PART NUMBERS (Plate V-49)

REF.	PART NUMBER	DESCRIPTION
1	1019 6384	Lever — for Class 10, Series P1400 machines, with OCK 5-0 to non-add register 'A', with or without symbol indexed.
2	1019 6392	Lever — for Class 8, Series P1200 machines, with OCK 5-0 disabling cash drawer opening and non-adds.
3	1041 1833	Lever — for Class 8, Series P1200, P3200 machines, with automatic count normalized from OCK 5-0.
4	1041 1817	Lever — for Class 10, Series P1400, P3400 machines, with OCK 5-0 to index symbol, non-add register 'A', 5/6" spacing and disable automatic count and open cash drawer.
5	1019 6434	Lever — for Class 10, Series P1400 machines, with OCK 5-0 to non-add register 'A' and 'B' from OCK 3-0.
6	1019 6418	Lever — for Classes 8-9-10, Series P1000, P3000 machines, with OCK 5-0 and OCL 51 to open cash drawer, 5/6" spacing and disable automatic count.
7	1019 6467	Lever — for Class 10, Series P1400, P3400 machines, with OCK 5-0 to index symbol.
8	1019 6459	Lever — for Class 10, Series P1400, P3400 machines, with OCK 5-0 to disable automatic count.
9	1019 6426	Lever — for Class 10, Series P1400, P3400 machines, with OCK 5-0 permitting platen space up, when depressed.
10	1019 6475	Lever — for Class 10 machines, with OCK 5-0 to operate machine with OCK 6-0 depressed.
11	1019 6483	Lever — for Class 10, three register machines, to index symbols from OCK's 5-0 and 6-0.
12	NO LONGER AVAILABLE — See Ref. 10	
13	1067 9827	Lever — for Class 9 machines, with OCK's 4-0 and 6-0 to non-add and actuate ciphersplit.
14	1013 5952	Lever — for Class 10, three register machines, for non-add of registers 'B' and 'C'.
15	1013 5960	Lever — for Class 10, three register machines, for release of OCK's and motor bars.
16	1013 5929	Lever — for Class 10 validating machines, with OCK 6-0 and normalising lever.
17	1041 1783	Lever — for Class 10 machines, with OCK 6-0 to repeat items.
18	1041 1767	Lever — for Class 8-10 machines, with OCK 6-0 to repeat items and lock keys.
19	1013 5887	Lever — for Class 10 machines, with motor bar 101 selecting register 'A' and motor bar 102 selecting register 'B'.
20	1013 5937	Lever — for Class 9 machines, with OCK 4-0 to non-tab and vertical space.
21	1013 6000	Lever — for Class 10 machines, with OCK 4-0 and 5-0 to add registers 'A' and 'B' with OCK 6-0 depressed.
22	1013 5994	Lever — for Class 10 machines, with OCK 4-0 and 5-0 to select register B; also for Series P300, P1400 and P2300 machines.
(a)	1013 8600	Nut, used on levers 1,2,5,6,9,10 & 11

SIDE FRAMES

MOTOR BAR CHART (Plate V-50)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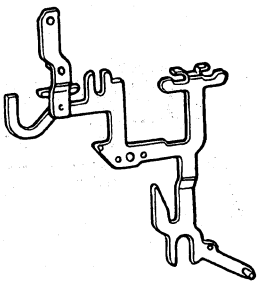
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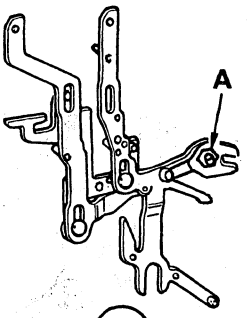

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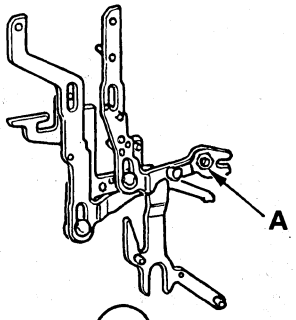

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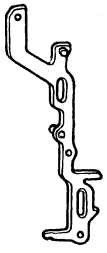
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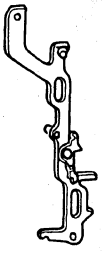
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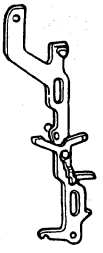
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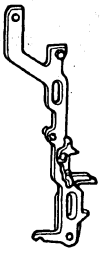
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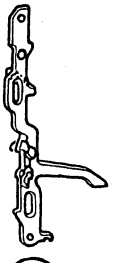
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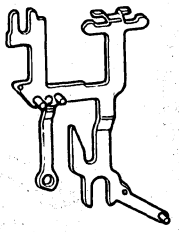
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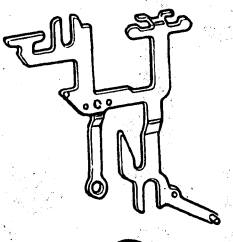
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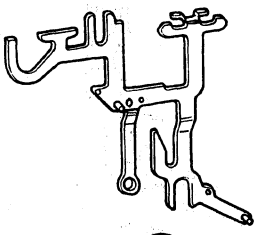
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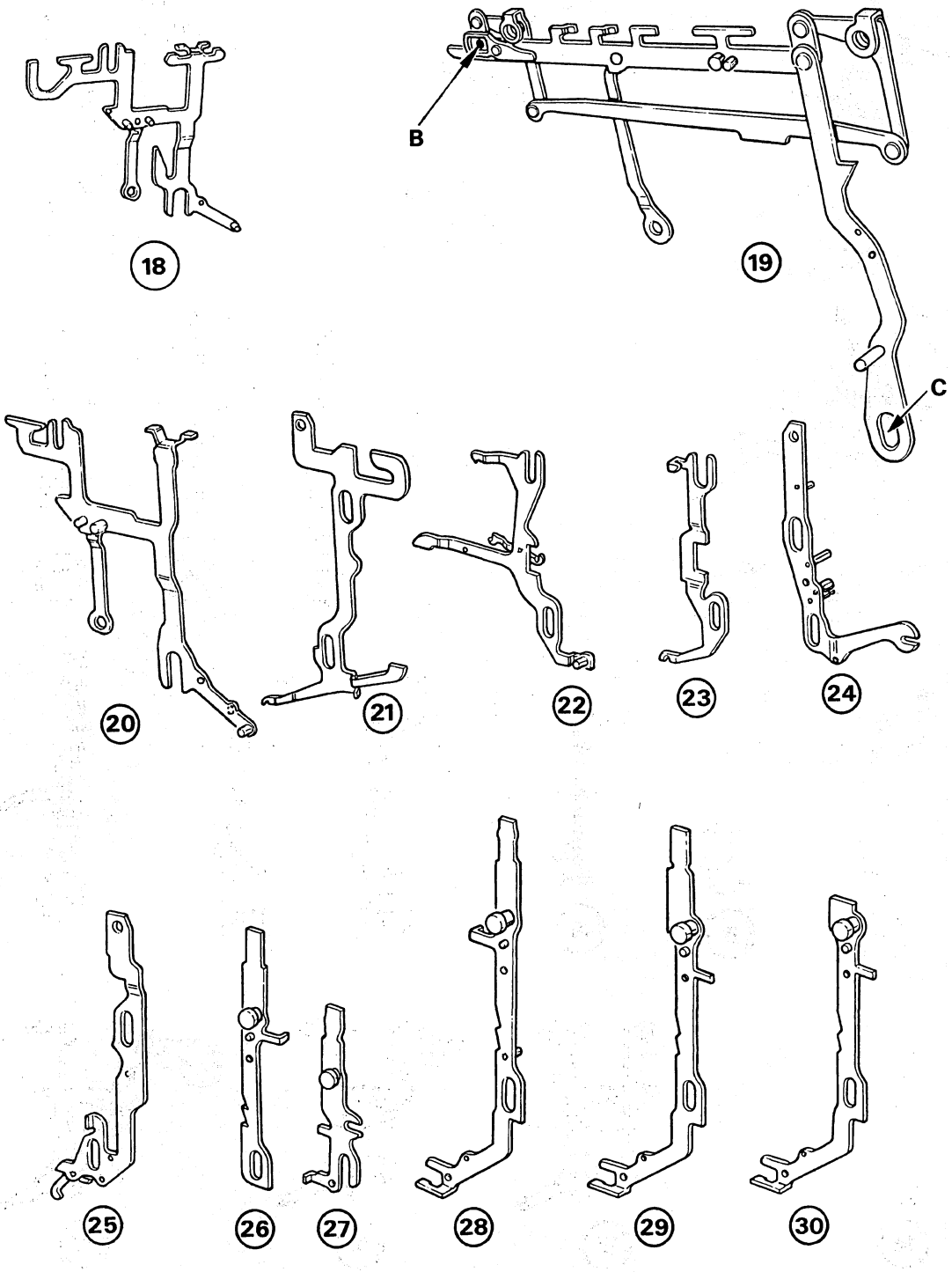
SIDE FRAMES

MOTOR BAR CHART (Plate V-50) CONTINUED



Part Numbers On Next Page

SIDE FRAMES

PART NUMBERS (Plate V-50)

REF.	PART NUMBER	DESCRIPTION
1	1027 9909	Motor bar for Class 9 hand machines, not minus balance.
2	1021 1977	Motor bar for Class 8 and 9, Series P100, P200, P1200, P1300, P2100 and P2200 electric machines with single motor bar construction. For early machines (which do not have the eccentric adjustment of the latch for the drive trip arm) use 1021 1977 motor bars, 1021 1902 latch, 1216 2665 eccentric and 1017 6477 shoulder nut. (see Plate VI - 37 for detail)
3	1021 1985	Motor bar for Class 9, Series P200, P1300 and P2200 machines with double motor bar construction.
A	1010 5393	Screw
	1044 1673	Eccentric
		This motor bar is used with adjustable latch BO, eccentric BQ and shoulder nut BP, Plate VI - 37.
4	1021 1993	Motor bar for Class 9 book-keeper, double motor bar construction machines with OCK's 3-0 or 4-0 to non-print, non-space and non- tabulate.
A	1010 5393	Screw
	1044 1673	Eccentric
		This motor bar is used with adjustable latch BO, eccentric BQ and shoulder nut BP, Plate VI - 37.
5	1016 7534	Motor bar — subtract. For Series P400, P5000, P600 and P9000 machines.
6	1016 7542	Motor bar — add. For Series P400, P5000, P600 and P9000 machines.
7	1016 7567	Motor bar — add. For Series P400 and P5000 machines.
8	1011 1961	Motor bar — for Class 10, Series P300, P1400 and P2300 machines, single motor bar construction.
9	1011 1938	Motor bar — for Class 10 machines, single motor bar construction, light depression and with sub-total lever.
10	1011 1946	Motor bar — for Class 10 machines, single motor bar replacing OCK 3-0.
11	1011 1979	Motor bar — for Classes 8 and 10 machines with single motor bar locked by lock in pos. 7-0.
12	1011 1953	Motor bar — for Class 10 machines with split, count and normal in columns 8,9 and 10.
13	1011 1995	Motor bar — for Class 10 machines with OCL 51 and light depression motor bar in position 102.
14	1011 2001	Motor bar (auxiliary) — for Class 10 Industrial Insurance machines.
15	1028 0246	Motor bar (auxiliary) — for Class 10 Laundry Billing machines.
16	1021 2058	Motor bar (auxiliary) — for Class 10 Commercial Tellers machines
		Early machines (which do not have the eccentric adjustment of the latch for the drive trip arm) use 1021 2058 motor bar, 1021 1902 latch, 1216 2665 eccentric and 1017 6477 shoulder nut.
17	1021 2066	Motor bar (auxiliary) — for Class 10 Premium Posting and Receipting machines.
	1216 1105	Motor bar (auxiliary) — for Class 10 Three Register Cash machines.
	(See AV, Plate V-17 for illustration)	Early machines (which do not have the adjustment eccentric adjustment of the latch for the drive trip arm) use 1021 2066 motor bar, 1021 1902 latch, 1216 2665 eccentric and 1017 6477 shoulder nut.

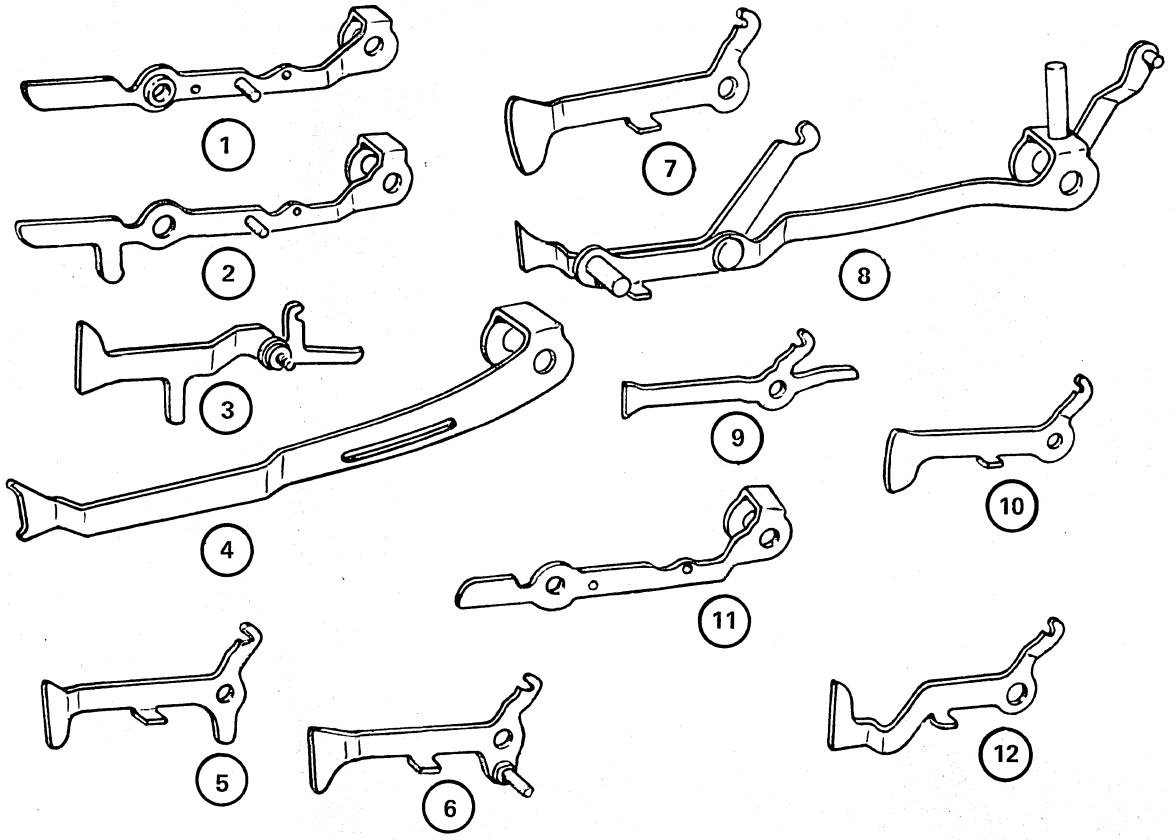
SIDE FRAMES

PART NUMBERS (Plate V-50) CONTINUED

REF.	PART NUMBER	DESCRIPTION
18	1021 2041	Motor bar (auxiliary) — for Class 10 machines, double motor bar construction, with OCL 51. Early machines (which do not have the eccentric adjustment of the latch for the drive trip arm) use 1021 2041 motor bar, 1021 1902 latch, 1216 2665 eccentric and 1017 6477 shoulder nut.
19	1019 8430	Drive trip assembly (auxiliary) — for Series P400, P600, P5000 and P9000 machines.
	1215 2484 (not illustrated)	Drive trip assembly (auxiliary) — for Series P600, P5000 and P9000 three register machines.
B		Use 1017 9810 eccentric and 1044 1889 screw
C		Use 1017 9778 eccentric, 1010 9999 screw and 1010 4164 washer
20	1021 2082	Motor bar (auxiliary) — for Class 10 Commercial Teller machines (three register construction) Early machines (which do not have the eccentric adjustment of the latch for the drive trip arm) use 1021 2082 motor bar, 1021 1902 latch, 1216 2665 eccentric, and 1017 6477 shoulder nut.
21	1011 2019	Motor bar — for Class 10 machines - three register construction, for motor bar 102.
22	1011 2035	Motor bar — for Class 10 machines - three register construction, actuated from OCK 8-0.
23	1011 2050	Motor bar — for Class 10 machines - three register construction, actuated from OCK 7-0.
24	1021 2017	Motor bar — for Class 9 hand machines, with or without minus balance.
25	1011 2043	Motor bar — for Class 10 machines - three register construction, for motor bar 101,
26	1044 9478	Rear stem for add motor bar — for Series P600, P9000 machines.
27	1019 8232	Carriage return motor bar — for Series P600 and P9000 machines.
28	1044 9494	Vertical space motor bar — for Series P600 machines.
29	1019 8257	Vertical space motor bar — for Series P600 and P9000 machines.
30	1019 8265	Vertical space motor bar — for Series P641 and P642 machines (optional feature).
	1216 1097 (not illustrated)	Motor bar (auxiliary) — for Class 10 cash machines - three register construction (see AH, Plate V - 17).

SIDE FRAMES

KEYBOARD SAFEGUARD INTERLOCK CHART (Plate V-51)

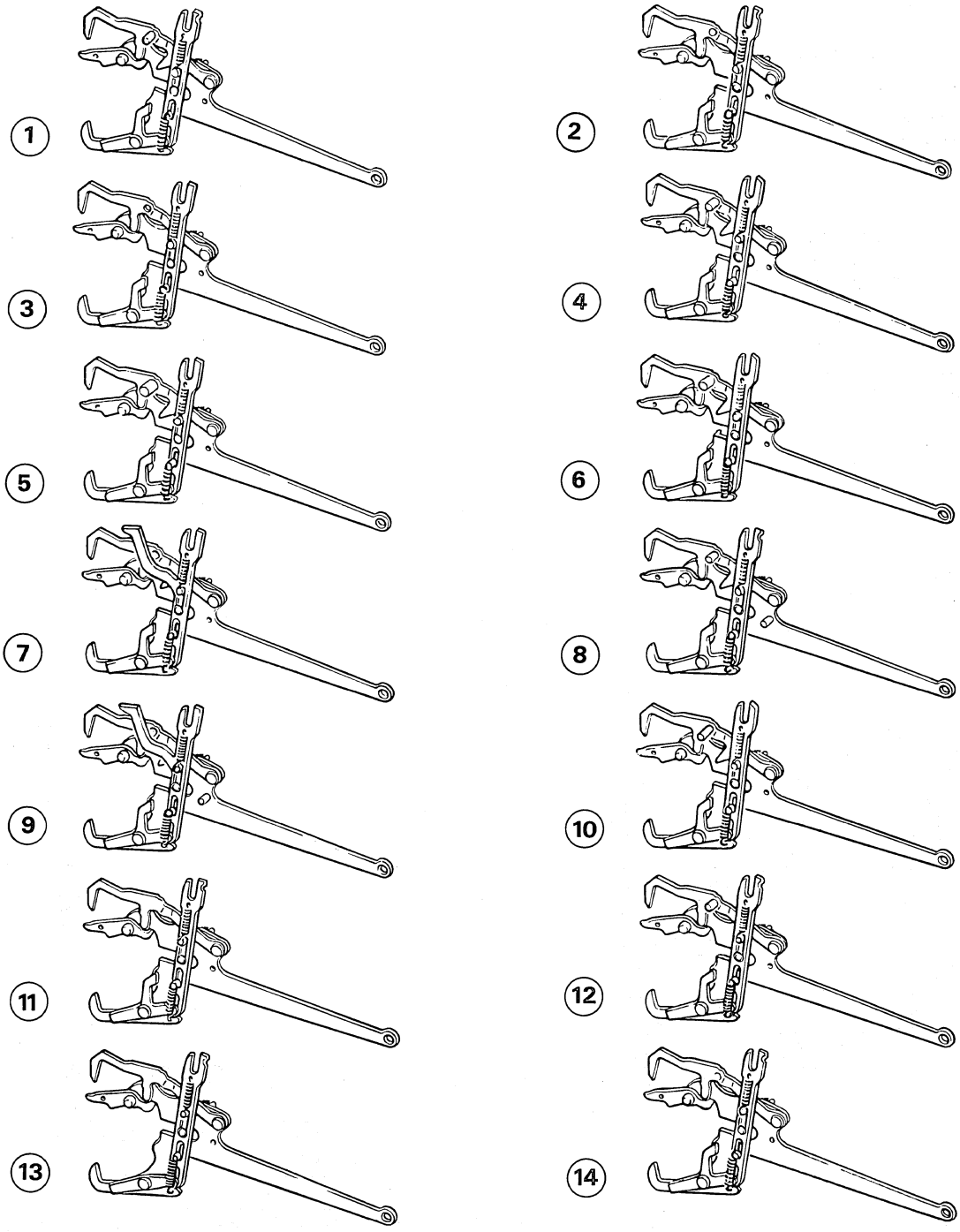


PART NUMBERS (Plate V-51)

REF.	PART NUMBER	DESCRIPTION
1	1013 5069	Interlock arm – Class 10, Series P300, P1400 and P2300 machines.
2	1013 5077	Interlock arm – Styles 1010380-81-82-83-84 machines.
3	1013 5044	Interlock – Styles 1010380-81-82-83-84 machines.
4	NO LONGER AVAILABLE	
5	1013 4955	Interlock – Class 8-9-10 machines with live repeat key in combination with light depression motor bars.
6	1013 4963	Interlock – Class 8 and 10, Series P300, P1400 and P2300, to eliminate depression of motor bar prior to use of handle, to operate machine.
7	1013 4971	Interlock – Class 10 machines with OCK's to repeat items and lock keys against depression.
8	1013 4989	Interlock arm assembly – Class 9 Cr. Bal. machines with enforced sub-totals (Styles 910124 - 125 - 126)
9	1013 4997	Interlock – Class 8-10, Series P300, P1400 and P2300 machines to eliminate failure of keys to restore following a repeat operation.
10	1013 4948	Interlock – Class 1010380-81-82-83-84 machines.
11	1017 3516	Interlock arm – Series P400, P600, P5000 and P9000 machines. Use 1027 6285 spacer.
12	1019 7796	Interlock – Series P400, P600, P5000 and P9000 machines.

SIDE FRAMES

ACCUMULATOR CONTROL ARM (PITMAN) CHART (Plate V-52)



Part Numbers On Next Page

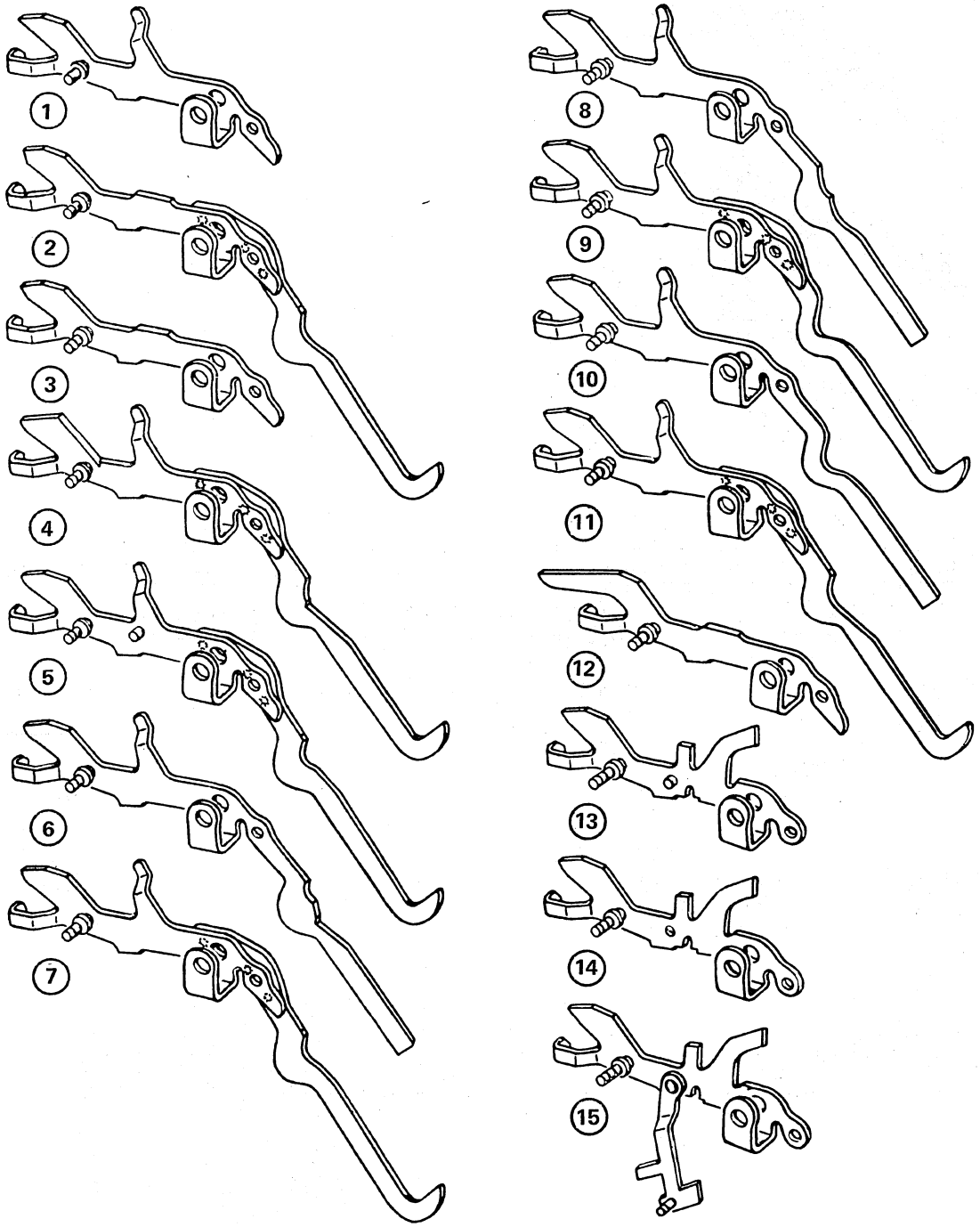
SIDE FRAMES

PART NUMBERS (Plate V-52)

REF.	PART NUMBER	DESCRIPTION
1	1013 3890	Pitman – Class 8, 10, Series P100, P300, P1200, P1400, P2100 and P2300 machines.
2	NO LONGER AVAILABLE	
3	NO LONGER AVAILABLE	
4	1013 3908	Pitman – Class 10, two register construction, without OCL 51.
5	NO LONGER AVAILABLE	
6	1013 3916	Pitman – Class 10 Teller machines with 12¼" passbook carriage and OCL 51.
7	1013 3924	Pitman – Class 10 Balance Scheduling machines with OCL 51.
8	1013 3932	Pitman – Class 8 and 10 machines with auto open 6" F.F. Carriage.
9	1013 3957	Pitman – Class 10 Premium Posting and Receipting machines.
10	1013 3973	Pitman – Class 10 three register construction (1010380-81-82-83-84) V & R machines.
	1215 9422 (not illustrated)	Pitman – Class 10 three register construction (1008285 and 1010282) cash machine.
	1216 9512 (not illustrated)	Pitman – Class 1010385 three register machines.
11	NO LONGER AVAILABLE	
12	NO LONGER AVAILABLE	
13	1015 2791	Pitman – Class 9, Series P200 and P2200 machines, double wheel construction.
14	NO LONGER AVAILABLE	
15	1221 4474 (not illustrated)	Pitman – Series P210 and P2210 machines with shuttle carriage.
	1220 1968 (not illustrated)	Pitman – Series P110, P310, P2110 and P2310 machines with shuttle carriage.

SIDE FRAMES

TOTAL INDEXING ARM CHART (PlateV-53)



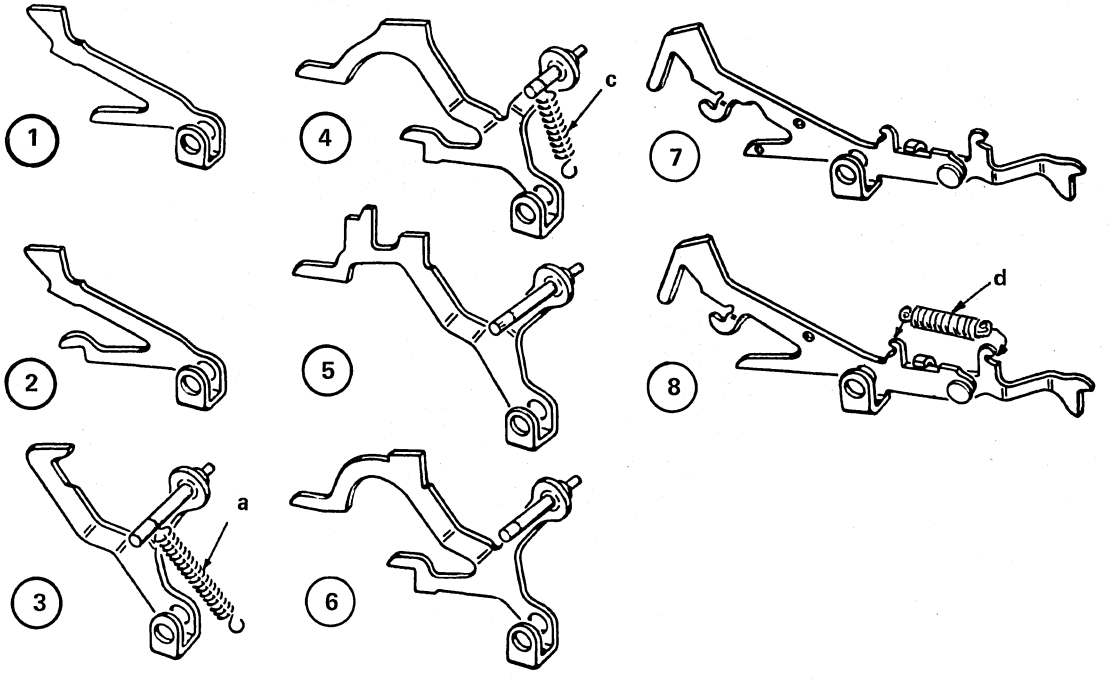
Part Numbers On Next Page

SIDE FRAMES

PART NUMBERS (Plate V-53)

REF.	PART NUMBER	DESCRIPTION
1	1013 4260	Arm – Class 8, Series P100, P1200 and P2100 machines.
2	NO LONGER AVAILABLE	
3	1013 4286	Arm – Class 10, Series P300, P1400 and P2300 machines.
4	NO LONGER AVAILABLE	
5	NO LONGER AVAILABLE	
6	1040 9316	Arm – Classes 8-10 machines with cash drawer to open from total key
Refs.	7-8-9-10-11 NO LONGER AVAILABLE	
12	1013 4294	Arm – Class 10 three register machines.
13	NO LONGER AVAILABLE	
14	1015 2833	Arm – Class 9, Series P200, P1300, P2200 machines, double wheel construction
15	1015 2858	Arm – Class 9 book-keepers, with enforced total and sub-total mechanism (Styles 910124, 910125 and 910126)

SUB–TOTAL ARM (Plate V-54)



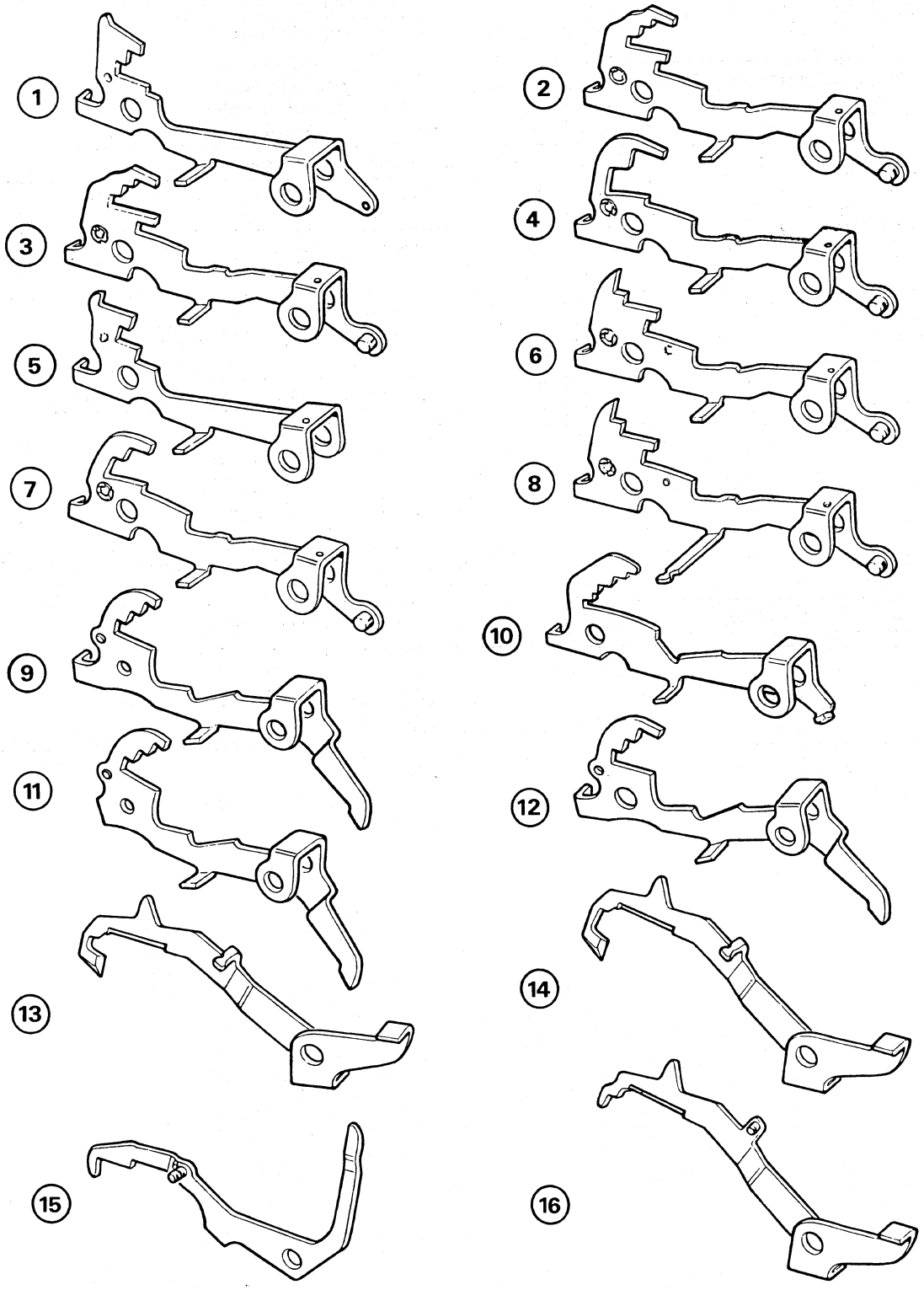
SIDE FRAMES

PART NUMBERS (Plate V-54)

REF.	PART NUMBER	DESCRIPTION
1	1013 4542	Arm — Class 8, Series P100, P1200 and P2100; Class 10, Series P300, P1400 and P2300 machines with total and sub-total lever for register 'B'
2	1013 4534	Arm — for Style 1010305 machines
3	1013 4526	Arm — Class 10 machines with motor bar to select register 'B'
4	1013 4518	Arm — Class 10 validating and tellers machines
5	1013 4559	Arm — Class 10 machines, with register 'B' total and sub-total lever and double motor bar construction
6	1013 4567	Arm — Class 10 machines, with double motor bar construction, and OCL 51 for sub-totaling registers 'A' and 'B'
7	1015 2890	Arm — Class 9 passbook posting machines with protective feature
8	1015 2874	Arm — Class 9, Series P200, P1300, P2200 machines with or without minus balance feature
a	1013 9293	Spring for arm 3
c	1026 9892	Spring for arm 4

SIDE FRAMES

SYMBOL INDEXING ARM CHART (Plate V-55)



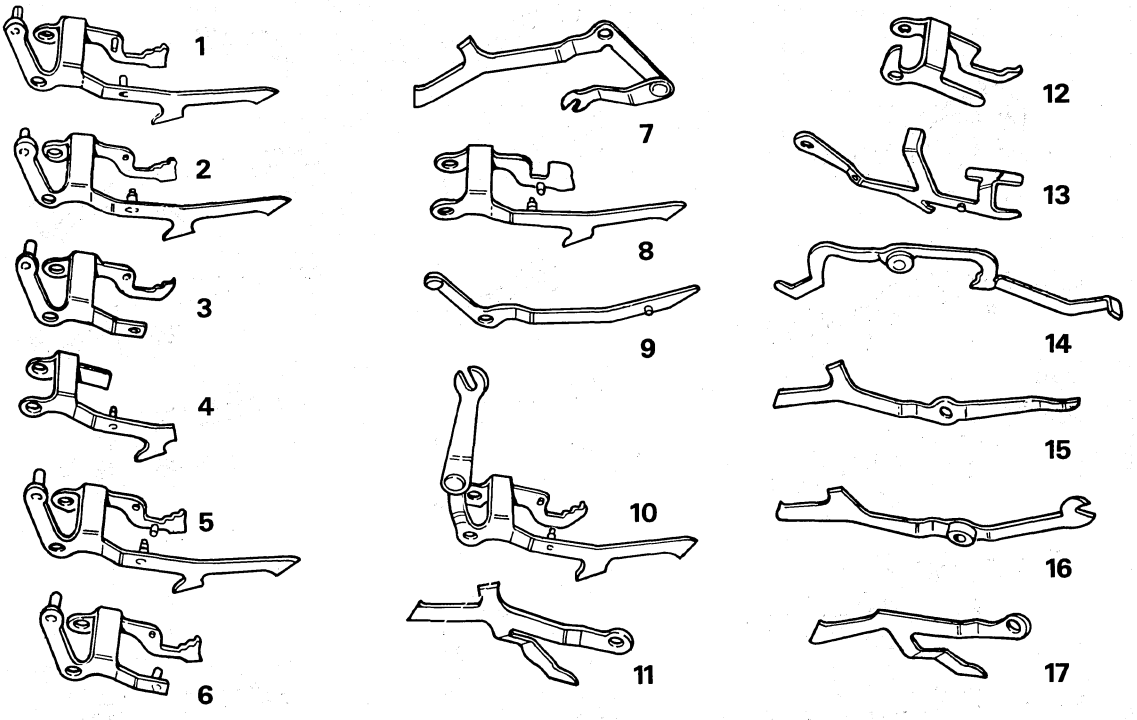
SIDE FRAMES

PART NUMBERS (Plate V-55)

REF.	PART NUMBER	DESCRIPTION
1	1019 5931	Symbol arm — for Class 8, Series P100, P1200 and P2100 machines — regular
2	1019 5980	Symbol arm — for Class 10, Series P300 machines with OCL 51, having item counter to count printed register 'A' totals and added items, also 12 pitch symbol sector with register 'A' total symbol in printing position No.4
3	1019 5998	Symbol arm — for Class 10 passbook tellers machines
4	1019 6004	Symbol arm — for Class 10 commercial tellers machines — two register construction
5	1019 5956	Symbol arm — for Class 8 general purpose cash machines
6	1019 6012	Symbol arm — for Class 10 cash machines
7	1019 6020	Symbol arm — for Class 10 telephone receipting machines
8	1019 6038	Symbol arm — for Class 10 commercial tellers machines — three register construction
9	1019 5964	Symbol arm — Class 9, Series P200, P1300, P2200 minus balance machines
10	1019 6046	Symbol arm — Class 9 machines with 12 pitch symbol sector
11	1019 6103	Symbol arm — Class 9 machines with OCK 5—0 to print symbol from plus or minus motor bars
12	1043 6129	Symbol arm — Class 9 machines, symbol prevented from printing from subtract bar
13	1019 5972	Auxiliary arm — for Class 9, Series P200, P1300, P2200 machines with 10 pitch symbol sector
14	1019 6053	Auxiliary arm — for Class 9 machines with 12 pitch symbol sector
15	1019 6152	Auxiliary arm — for Class 9 minus balance machines with totals and sub-totals enforced
16	1019 6160	Auxiliary arm — for Class 9 minus balance machines to print total and sub-total of the subtract posted amounts

SIDE FRAMES

AUXILIARY SYMBOL INDEXING AND INTERMEDIATE CONTROL ARM CHART
(Plate V-56)

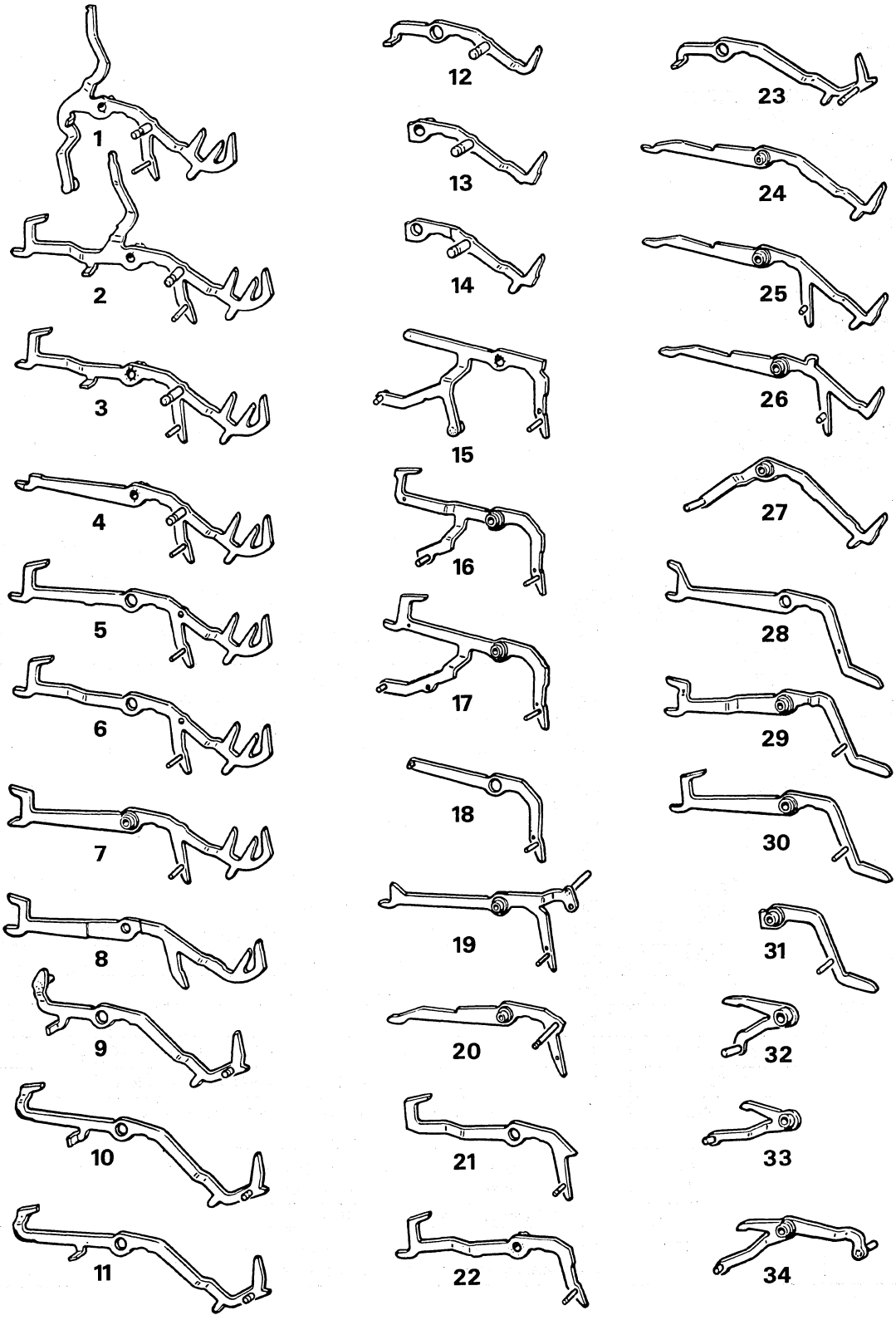


PART NUMBERS (Plate V-56)

REF.	PART NUMBER	DESCRIPTION
1	1041 3904	Auxiliary symbol arm—Class 10 machine for printing sub total characters
2	1019 6087	Auxiliary symbol arm—Class 10, Series P300, P1400 and P2300 machines with Total and Sub-total lever for register 2
		Refs. 3 and 4 - No longer available
5	1019 6095	Auxiliary symbol arm—Class 10 machine with Date and Normal, Total and Sub-total lever for register 2
6	1019 6111	Auxiliary symbol arm—Class 10 machine with OCK 6-0 and normalizing lever
7	1013 6711	Control arm—Class 10 machine with OCK 4-0 to open cash drawer in combination with Total and Sub-total lever; automatic count and 5/6" spacing
8	1019 6129	Auxiliary symbol arm—for Style 1010164 machine
9	1013 6729	Control arm—for Style 1010164 machine
		Ref. 10 - No longer available
11	1013 6737	Control arm— Class 10 machine, RCND to non-advance from OCL 51
12	1019 6178	Auxiliary symbol arm—for Styles 808201 and 808251 machines
13	1013 6752	Control arm—for Styles 1010301 and 1010302 machines, to permit sub-totaling from lever in forward position
14	1013 6760	Control arm—for Styles 1010301 and 1010302 machines, to non-add register 'A' when motor bar 101 is held depressed
		Refs. 15 and 16 - No longer available
17	1013 6695	Control arm—for Series P300, P2300 machines to prevent 5/6" spacing from register 'B' Sub-total lever

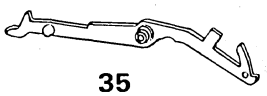
SIDE FRAMES

LEVER CHART (Plate V-57)



SIDE FRAMES

LEVER CHART (Plate V-57) CONTINUED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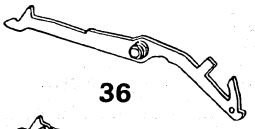
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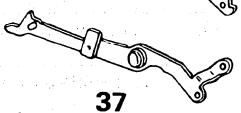
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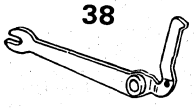
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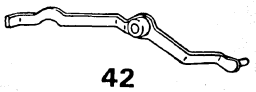
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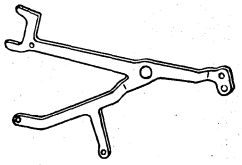
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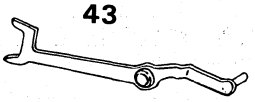
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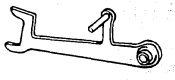
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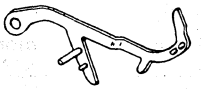
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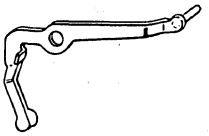
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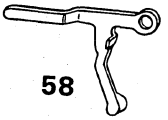
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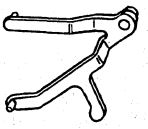
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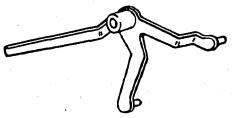
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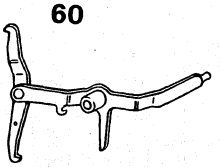
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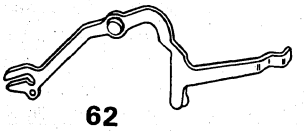
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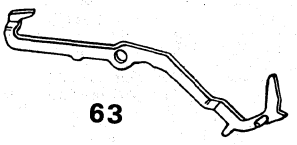
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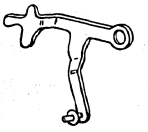
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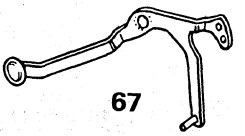
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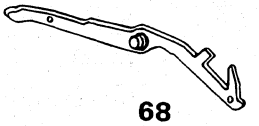

68

SIDE FRAMES

PART NUMBERS (Plate V-57)

REF.	PART NUMBER	DESCRIPTION
1	1067 9660	Lever — for Class 10 machines, with OCK 4—0 and OCL 51 to non-print and actuate ciphersplit
2	1067 9652	Lever — for Class 10 machines with OCK 6—0 to non-print and non-space, 5/6" spacing and disable auto-count
3	1013 5747	Lever — for Class 10 machines with OCL 51 and/or OCK 5—0 to open cash drawer and disable auto-count
4	1041 1015	Lever — for Class 10 machines with cash drawer opening, 5/6" spacing and auto-count disabled, from OCK's 5—0 and 6—0
5	1041 0991	Lever — for Class 10 machines with OCK's 3—0, 4—0 and 6—0 to disable automatic count
		Ref.6 — No longer available
7	1041 0967	Lever — for Class 8 machines with OCK's 5—0 and 6—0 to open cash drawer and 5/6" spacing
		Ref.8 — No longer available
9	1013 5846	Lever — for Class 10 machines with non-print of col.1 from OCK 5—0 and auto-count disabled from OCK's 5—0, 8—0 and 9—0
10	1013 5788	Lever — for Class 10 machines with auto-count disabled from OCK's 5—0, 8—0 and 9—0
		Ref.11 — No longer available
12	1041 0983	Lever — for Class 10 machines with OCK's 8—0 and 9—0 to actuate auto-count
13	1227 8909	Lever — for Class 10 machines with 5/6" spacing from OCL 51
		Refs.14 and 15 — No longer available
16	1227 8917	Lever — for Class 10 machines with OCK 5—0 and upper motor bar to open cash drawer
		Refs.17,18 and 19 — No longer available
20	1013 5838	Lever — for Class 10 machines with OCK 6—0 to open cash drawer
		Refs.21 and 22 — No longer available
23	1041 1197	Lever — for Class 10 machines with OCK's 8—0 and 9—0 to disable auto-count
24	1041 1247	Lever — for Class 10 machines with OCK 8—0 to count, 5/6" spacing
		Ref.25 — No longer available
26	1013 5804	Lever — for Class 10 machines with 5/6" spacing and cash drawer opening from OCK 4—0 and/or OCK 6—0
27	1227 9022	Lever — for Class 10 machines, used with R.C.F. and extended totals
28	1227 8867	Lever — for Class 10 machines with lever to prevent cash drawer opening from OCK's 5—0 and 6—0
29	1013 5861	Lever — for Class 8 machines with cash drawer not to open from OCK 5—0
30	1041 1536	Lever — for Class 10 machines with OCK's 5—0 and 6—0 not to open cash drawer, in combination with OCL 51
		Refs.31 and 32 — No longer available
33	1227 8941	Lever — for Class 10 machines with motor bar to index symbol
34	1227 8933	Lever — for Class 10 machines with motor bar to actuate rotary printing device and index symbol
35	1019 6269	Lever — for Class 10 machines with OCK 4—0 to advance rotary numbering and printing device and non-space
36	1013 5663	Lever — for Class 10 machines with OCK 6—0 to advance rotary numbering and printing device and non-space
37	1041 1569	Lever — for Class 10 machines with rotary numbering and printing device to advance from OCK 6—0
		Refs.38,39 and 40 — No longer available
41	1041 0777	Lever — for Class 9 machines to non-print and non-space from motor bar 102
42	1227 9006	Lever — for Class 10 machines with motor bar to actuate rotary printing device
43	1013 5721	Lever — for Class 8 machines with rotary printing device actuated from motor bar 101
		Refs.44 and 45 — No longer available

Part Numbers Continued On Next Page

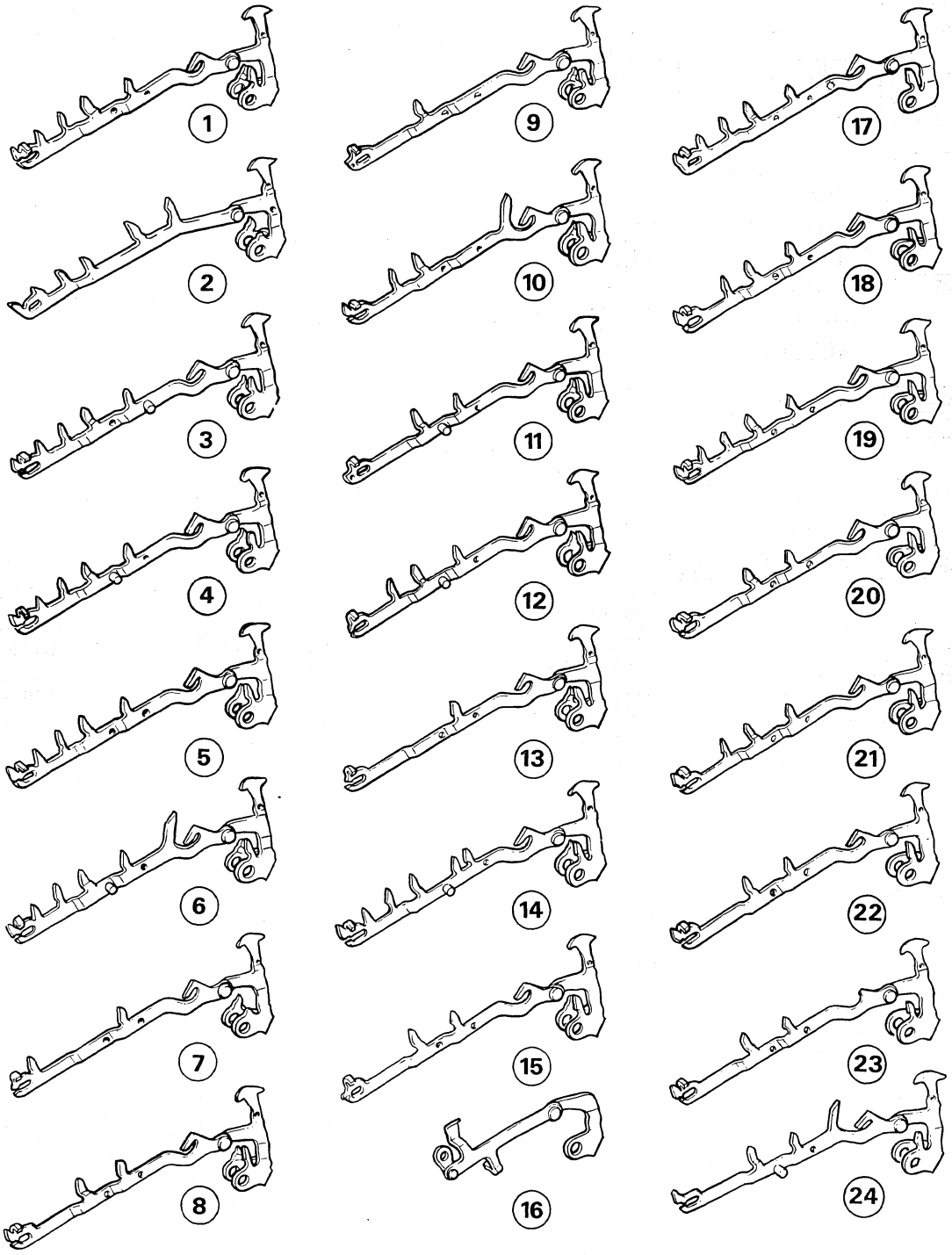
SIDE FRAMES

PART NUMBERS (Plate V-57) CONTINUED

REF.	PART NUMBER	DESCRIPTION
46	1013 5671	Lever – for Class 10 machines with rotary numbering and printing device to non-advance from specified OCK's and OCL 51
47	1019 6335	Lever – for Class 10 machines with rotary numbering and printing device to advance from OCK 4–0 and index symbol
48	1019 6348	Lever – for Class 10 machines with motor bar 102 to index symbol (No.4 position)
		Refs.49,50,51 and 52 – No longer available
53	1013 5754	Lever – for Class 8 machines with OCK's 3–0 and 4–0 to index symbol
		Ref.54 – No longer available
55	1013 5812	Lever – for Class 10 machines with auto-count disabled from OCK 4–0
56	1013 5762	Lever – for Class 10 machines with OCK 4–0 to index symbol
57	1041 1320	Lever – for Class 10 machines with OCK 4–0 to index symbol and disable rotary numbering and printing device
		Ref.58 – No longer available
59	1013 5739	Lever – for Class 8 machines with rotary printing device actuated from OCK 4–0 and motor bar 101
60	1227 8966	Lever – for Class 10 machines with motor bar to actuate rotary printing device
61	1227 8982	Lever – for Class 10 machines
62	1013 5770	Lever – for Class 10 machines with split, count and normal mechanism in cols. 8–9–10, actuated from OCK 4–0 and motor bar
63	1013 5796	Lever – for Class 10 machines disables 5/6" spacing, cash drawer opening and dial counter from OCK 3–0, also disables cash drawer opening and 5/6" spacing from OCK 4–0
64	1013 5820	Lever – for Class 10 machines – functions as for ref.63
65	1019 6251	Lever – for class 10 machines with rotary numbering and printing device to print from OCK's 3–0, 5–0 and 6–0
66	1013 5853	Lever – for Class 10 machines with cipher splits actuated from OCK 3–0
67	1019 6277	Lever – for Class 8 signature printer machines
68	1019 6293	Lever – for Class 10 three register machines with OCK 6–0 to advance rotary printing device and non-space

SIDE FRAMES

ACCUMULATOR CONTROL LINK CHART FOR CLASS 10, SERIES P200, P1400, P2300 and P3400 MACHINES (Plate V-58)



Part Numbers On Next Page

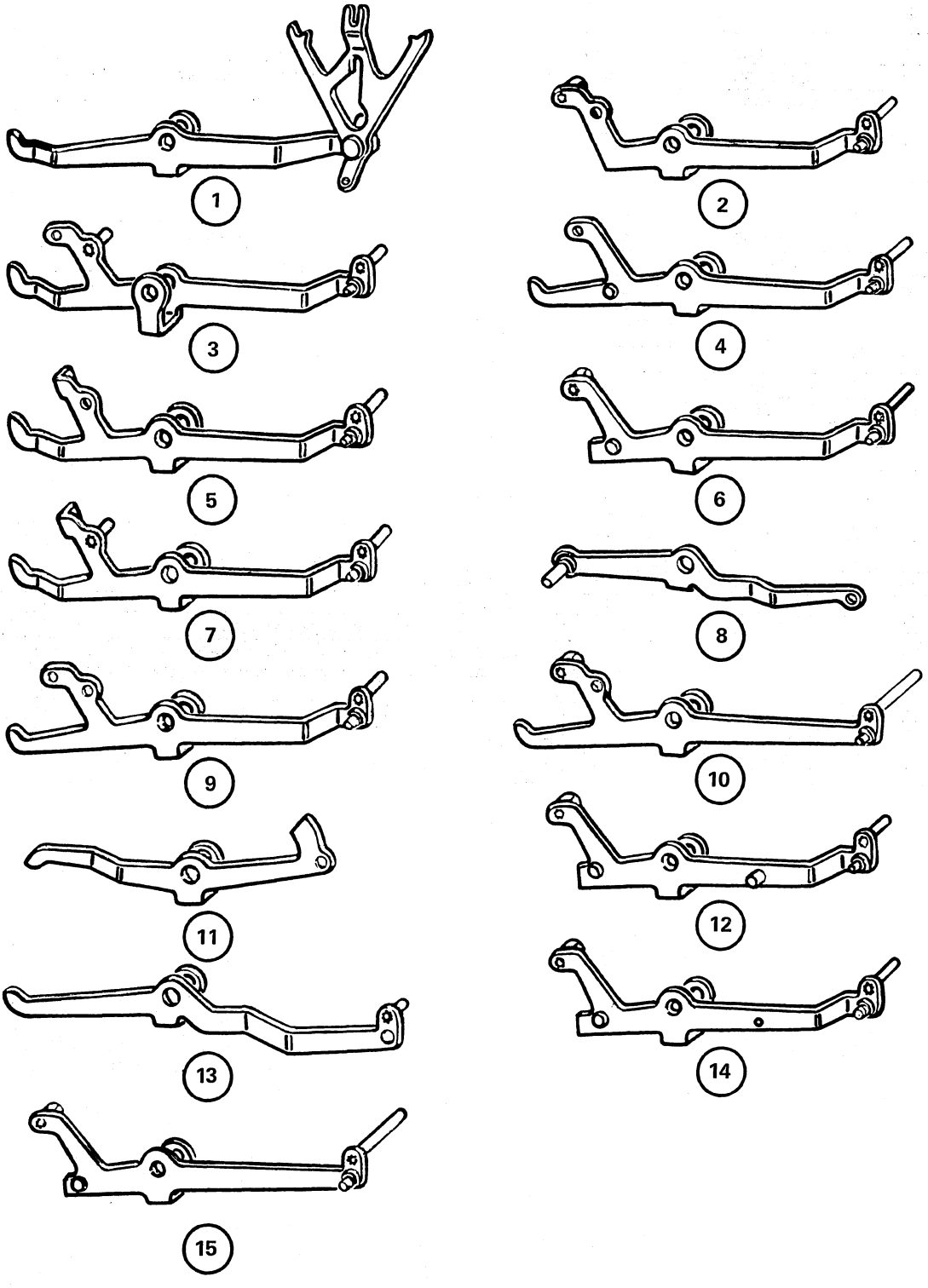
SIDE FRAMES

PART NUMBERS (Plate V-58)

REF.	PART NUMBER	DESCRIPTION
1	1041 0637	Link — for Class 10 machines with manager's lock and OCK's 4—0,5—0 and 6—0
2	1049 9770	Link — for Class 10 machines with motor bar to select register No.1 only
3	1041 0645	Link — for Class 10 machines with sub-total lever for register No.2 (symbols omitted), double motor bar construction
4	1041 0652	Link — for Class 10 machines with manager's lock, OCK's 4—0, 5—0 and 6—0, and registers No.1 and No.2 sub-total lever
5	1041 0660	Link — for Class 10 machines, upper motor bar selects register No.2, lower motor bar selects register No.1
6	1224 3689	Multiple purpose link-trim as required — for all styles
7	1041 0678	Link — for Style 100 8251 and Series P3413—51 machines
8	1013 5499	Link — for Class 10 machines with split, count and normal mechanism in cols. 8—9—10; also Series P300, P1400 and P2300 machines
9	1067 9090	Link — for Style 101064 machine
10	1013 5531	Link — for Style 1010301 and 1010302 machines
11	1013 5507	Link — for Style 1008265 machine
12	1013 5515	Link — for Style 1010252 machine
13	1227 9063	Link — for Style 101066 machine
14	1645 0967	Link — for Style 101056 machine
15	1013 5523	Link for Style 1008265 machine with OCK's 3-0 and 4-0 to add both registers
		Ref. 16 — No longer available
17	1641 2652	Link — for Class 10 machines with key to unlock sub-total position of register No.2 lever and another key to unlock total position of register No.2 lever
18	1640 4857	Link — for Style 101059 and 101061 machines
		Ref.19 — No longer available
20	1227 9071	Link — for Style 1010103 machines before B1 82000
21	1013 5556	Link — for Class 10 machines having a motor bar replacing OCK 3—0 to operate machine, add register 'B' and print a symbol; also for register 'A' of three total machines
22	1013 5564	Link — for Style 1010304 machine
23	1013 5572	Link — for Style 1010103 machines after B182000
24	1215 9380	Link — for Style 1008285 and 1010282 and three register cash machines

SIDE FRAMES

ACTUATING ARM CHART (Plate V-59)



Part Numbers On Next Page

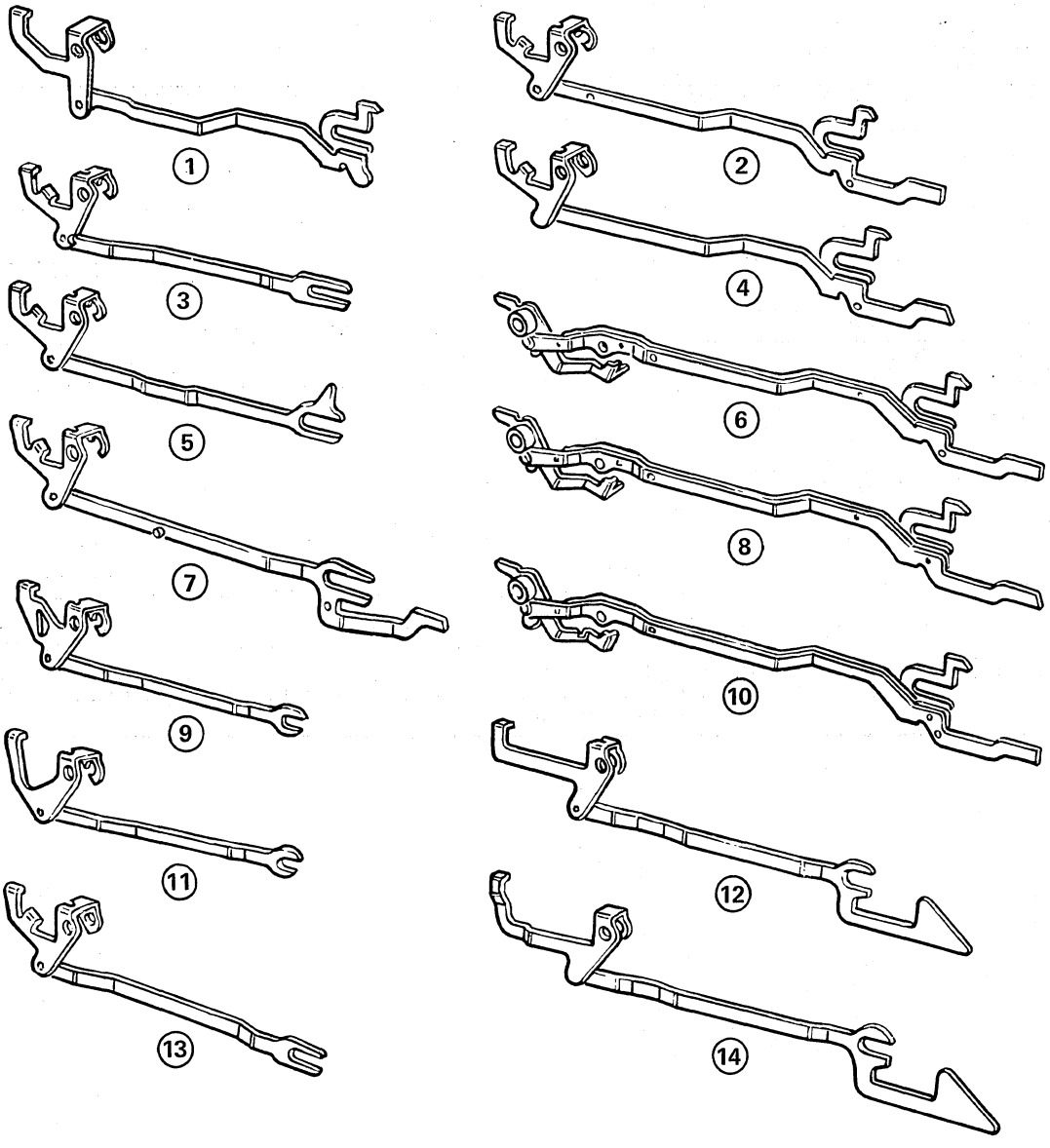
SIDE FRAMES

PART NUMBERS (Plate V-59)

REF.	PART NUMBER	DESCRIPTION
		Ref.1 – No longer available
2	1013 5234	Arm – for Class 10 machines to prevent spacing from OCK 9–0, also Series P100 and P2100 machines
		Ref.3 – No longer available
4	1013 5259	Arm – for Class 10 machines to disable advance of the rotary printing device from OCK 9–0
5	1013 5184	Arm – for Class 10 machines with OCK 4–0 to control auto-count, 5/6" spacing and cash drawer opening
6	1041 0298	Arm – for Class 10 machines with 5/6" spacing actuated from OCK's 6–0, 8–0 and OCL 51
7	1052 3116	Arm – for Class 10 machines, actuating arm for control bails
8	1013 5101	Arm – for Class 10 machines with OCK 4–0 to non-tab and space forms
9	1013 5200	Arm – for Class 10 machines with cash drawer opening from OCK's 6–0, 8–0 and 9–0
10	1013 5127	Arm – for Class 10 machines with extended total bail actuated from OCK's 8–0 and 9–0
11	1041 0272	Arm – for Classes 8–10 machines with platen controlled spacing and non-add mechanism
12	1013 5150	Arm – for Class 10 machines with 5/6" spacing actuated from OCK's 3–0, 8–0 and OCL 51
13	1013 5218	Arm – for Class 9 minus balance machines with extended totals and cipher split actuated from OCK 6–0
14	1013 5168	Arm – for Class 10, Series P300 and P2300 machines with 5/6" spacing actuated from OCK 8–0 and OCL 51
15	1013 5135	Arm – for Class 10 validating machines with extended total bail actuated from OCK's 8–0 and 9–0

SIDE FRAMES

LEVER (MULTIPLE FUNCTION) CHART (Plate V-60)



PART NUMBERS (Plate V-60)

REF.	PART NUMBER	DESCRIPTION
		Ref.1 – No longer available
2	1027 8984	Lever – for Class 10 machines with OCK 4–0 to index symbol, operate machine, non-add register 2 and open cash drawer
3	1011 1300	Lever – for Class 10 machines with OCK 6–0 normalizing lever
		Ref.4 – No longer available
5	1027 9081	Lever – for Class 10 machines to index symbol and count from OCK 4–0
6	1027 9032	Lever – for Class 10 machines with OCK 3–0 to open cash drawer

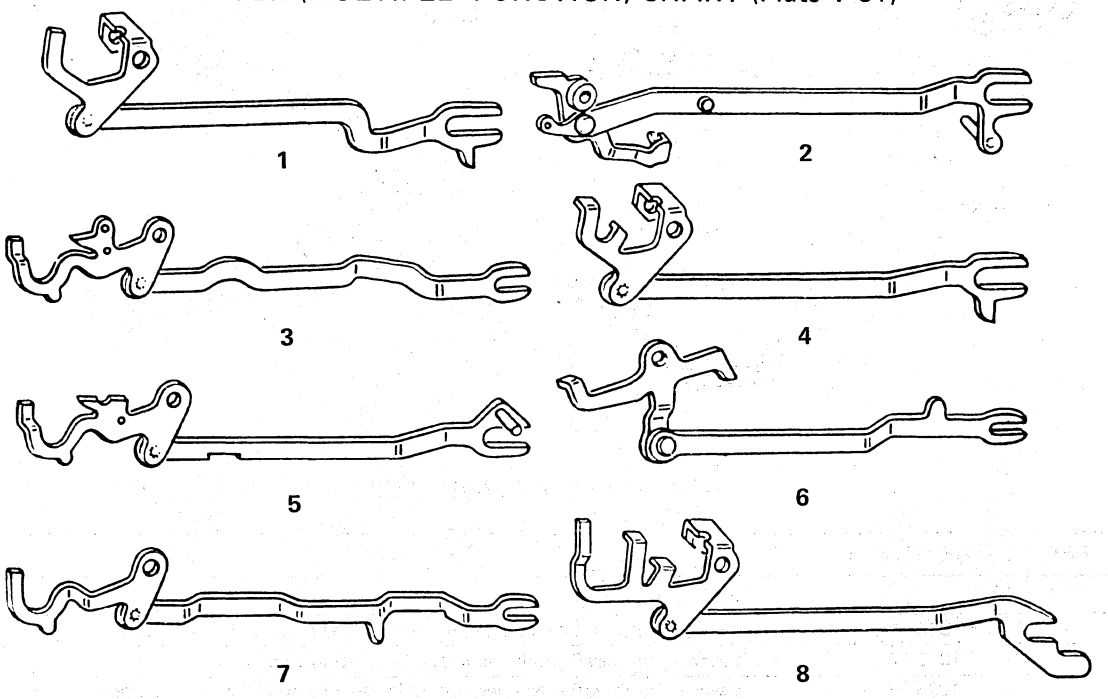
Part Numbers Continued On Next Page

SIDE FRAMES

PART NUMBERS (Plate V-60) CONTINUED

REF.	PART NUMBER	DESCRIPTION
7	1011 1318	Lever — for Class 10 validating and receipting machines
8	1027 9040	Lever — for Class 10 machines with OCK 3—0 to open cash drawer, 5/6" spacing and index symbol
		Refs.9 and 10 — No longer available
11	1027 9149	Lever — for Class 10 premium posting and receipting machines
12	1011 1292	Lever — for Class 10 cash machines with OCK 3—0 to operate machine, 5/6" spacing and open cash drawer
13	1061 7991	Lever — forClasses 8—9—10 machines with rotary calendar feature actuated from motor bar or OCK 4—0
14	1027 9156	Lever — for Class 10 laundry machines

LEVER (MULTIPLE FUNCTION) CHART (Plate V-61)

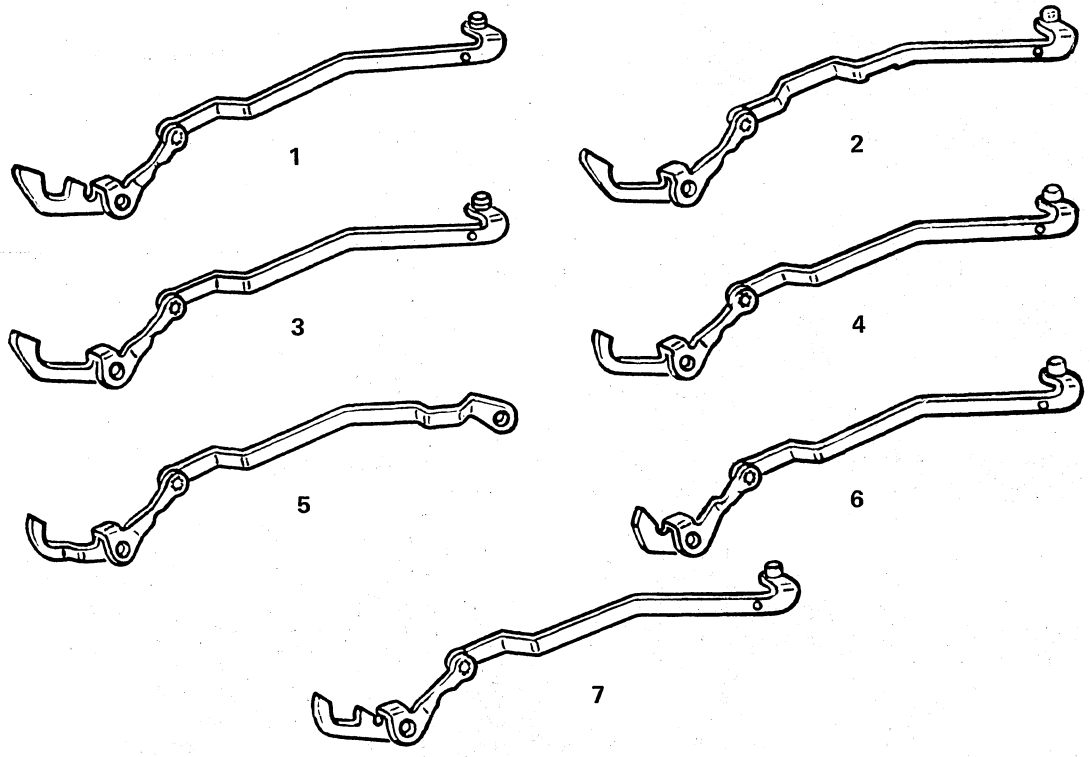


PART NUMBERS (Plate V-61)

REF.	PART NUMBER	DESCRIPTION
1	1027 9297	Lever — for Class 10 machines with OCL 51 and OCK 4—0 to print symbol
2	1027 9313	Lever — for Class 10 machines to print symbol from OCK 3—0, 4—0
		Ref.3 — No longer available
4	1011 1334	Lever — for Series P300, P1400 and P2300 machines, also class 10 machines (such as style 101053)
5	1011 1342	Lever — for Class 8 machines to print symbol from OCK 3—0 and 4—0 (such as Styles 810202 and 810252)
6	1011 1359	Lever — for Class 10 machines with OCK 3—0 to non-add and open cash drawer
7	1011 1367	Lever — for Class 9 machines with OCK 4—0 to non-tabulate, form space, add and operate machine
8	1011 1375	Lever — for Class 10 machines with OCK 3—0 to actuate cipher splits

SIDE FRAMES

LEVER (NON SPACE) CHART (Plate V-62)

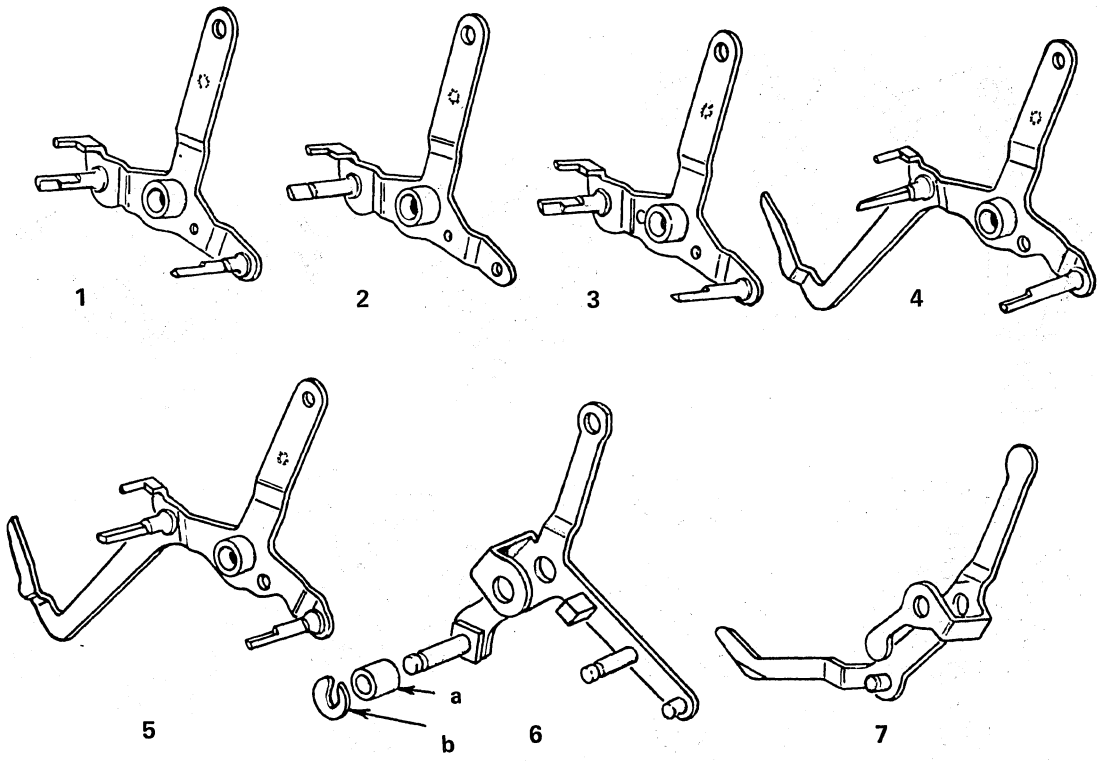


PART NUMBERS (Plate V-62)

REF.	PART NUMBER	DESCRIPTION
		Ref.1 — No longer available
2	1025 4720	Lever — for Class 10 machines with OCK 8—0 to open 6" front feed carriage
3	1015 3583	Lever — for Class 9 machines with OCK 5—0 to non-print
4	1025 4738	Lever — for Class 9 machines with OCK 4—0 to non-print, non-space and non-tabulate
5	1015 3609	Lever — for Class 9 machines with OCK 4—0 to non-tabulate, form space, add and operate machine
6	1025 4753	Lever — for Class 9 machines with OCK 5—0 to non-space
7	1015 3617	Lever — for Class 9 machines with OCK 6—0 to actuate cipher split

SIDE FRAMES

OPERATION CONTROL LEVERS (OCL) FOR POSITIONS NO. 51 AND NO. 54 (Plate V-63)

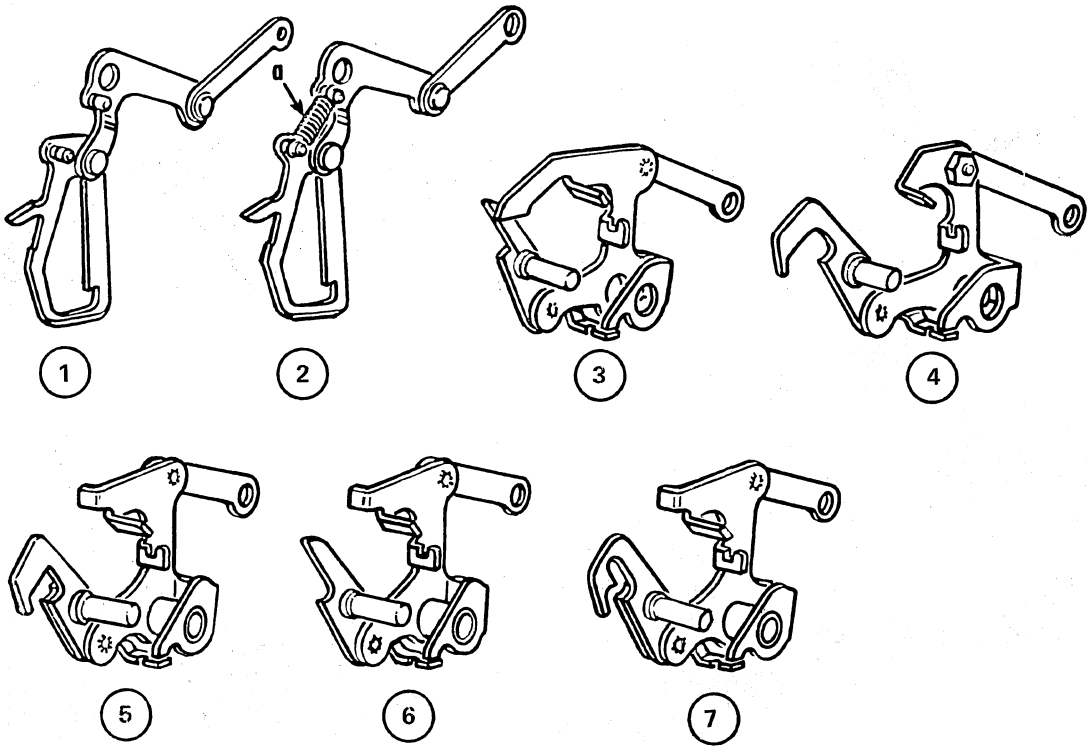


PART NUMBERS (Plate V-63)

REF.	PART NUMBER	DESCRIPTION
* 1	1013 6422	OCL 51 — for Class 10, Series P1400 machines with sub-total lever
		Ref.2 — No longer available
* 3	1013 6430	OCL 51 — for Style 1010103, sub-total lever
* 4	1013 6497	OCL 51 — for Class 10, Series P300, P1400, P2300 and P3400 machines with total and sub-total lever
* 5	1041 3870	OCL 51 — for Style 101066, sub-total lever
✓ 6	1013 6471	OCL 54 — for Class 10 machines with OCK 6–0 and normalizing lever for multiple receipting
7	1013 6489	OCL 54 — for Class 8–10 machines with manual lever for disabling automatic opening of FF carriage
a	1010 5567	Roller
b	1010 0147	Clip
*		For refs.1 through 5, use 1010 8363 knob, 10180123 screw, 1067 1824 lock-washer and 1010 0360 nut
✓		For ref.6, use 1013 9491 finger button, 1010 3380 screw

SIDE FRAMES

UPPER REGISTER CONTROL ASSEMBLIES, CLASS 10, SERIES P300, P1400, P2300, P3400 MACHINES (Plate V-64)

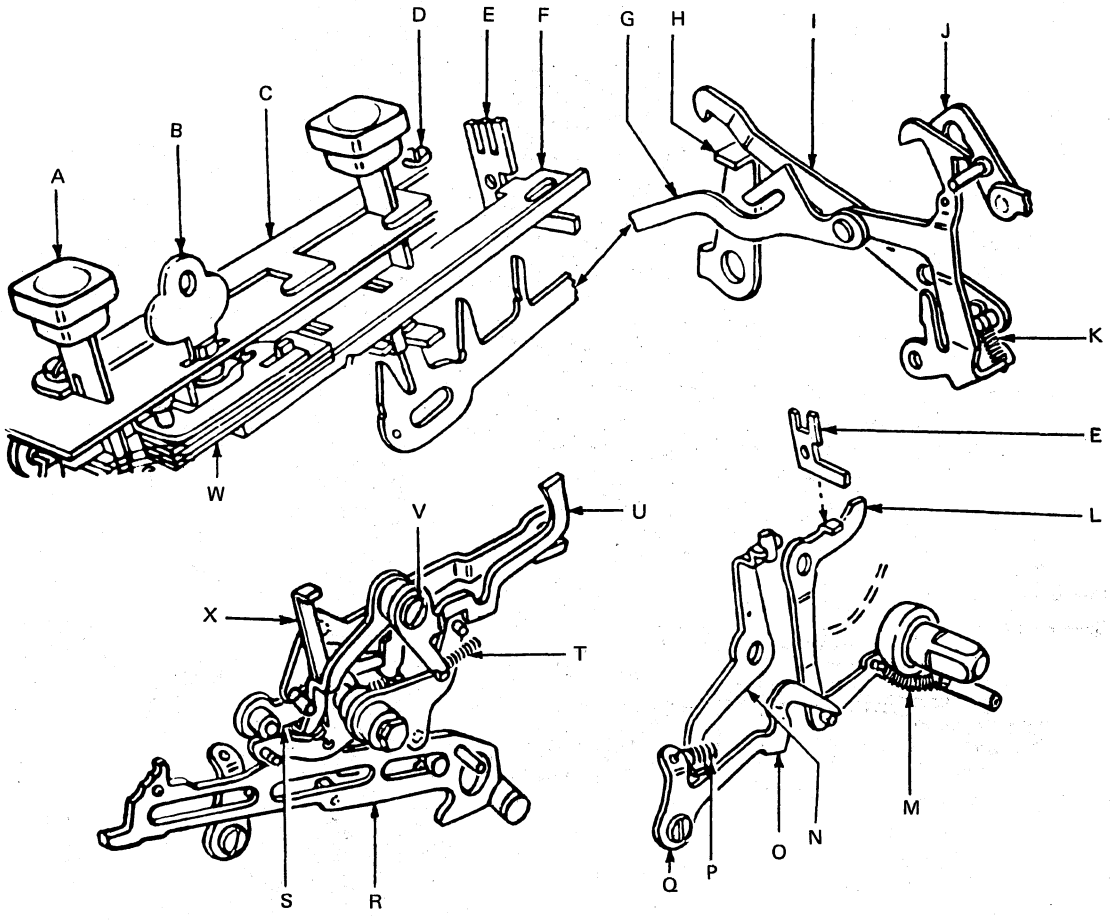


PART NUMBERS (Plate V-64)

REF.	PART NUMBER	DESCRIPTION
		Ref.1 — No longer available
2	1013 5416	Control assembly — for Class 10, Series P300, P1400, P2300 and P3400 machines
		Refs.3 and 4 — No longer available
5	1013 5382	Control assembly — for Class 10, Series P300, P1400, P2300 and P3400 machines
		Ref.6 — No longer available
7	1013 5390	Control assembly — for Class 10 passbook tellers machine with OCL 51 which in rearward position totals register 'B' and in forward position sub-totals register 'B'
a	1011 3074	Spring for ref.2

SIDE FRAMES

OCK 6-0 TO REPEAT ITEMS BUT NOT LOCK KEYBOARD-DISABLED FROM LOCK IN POSITION 2-0 (Plate V-65)

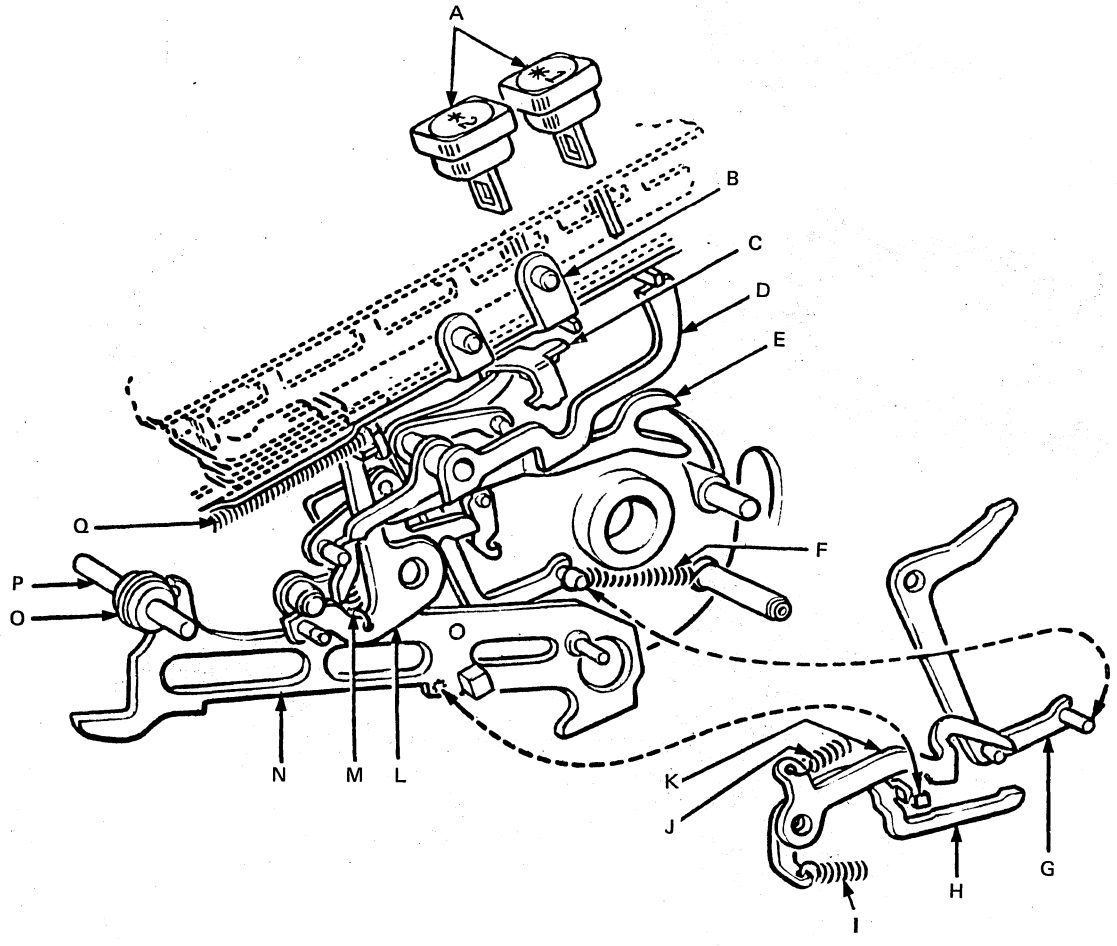


PART NUMBERS (Plate V-65)

A	--------	See Plate II-7 for keytops
B	1011 6259	key (stamped M23IN), see Plate II-20 for other styles
C	---------	See Plate II-24 for guides col. 0
D	1012 0178	screw
E	1011 9600	keystem. See Plate II-9 for other styles
F	1227 9105	intermediate lock slide. See Plate II-21 for other styles
G	----------	See Plate V-58 for accumulator control links
H	1015 4052	symbol index bail
I	1227 9097	symbol indexing arm
J	1013 5382	register control assembly
K	1011 3074	spring
L	1013 6604	indexing arm
M	1027 6400	spring
N	1643 7998	arm
O	1013 7354	latch
P	1013 9368	spring
Q	1013 8733	screw, use 1010 3950 collar
R	1019 5923	key release slide
S	1041 5768	forked arm assembly
T	1017 1452	spring
U	1013 5929	lever. See Plate V-47 for other styles
V	1010 3737	screw
W	1011 6192	tumbler 1
	1011 6200	tumbler 2
	1011 6218	tumbler 3
X	1019 6848	interlock, use 1014 7650 spring

SIDE FRAMES

OCK 6-0 TO LOCK KEYBOARD (Plate V-66)

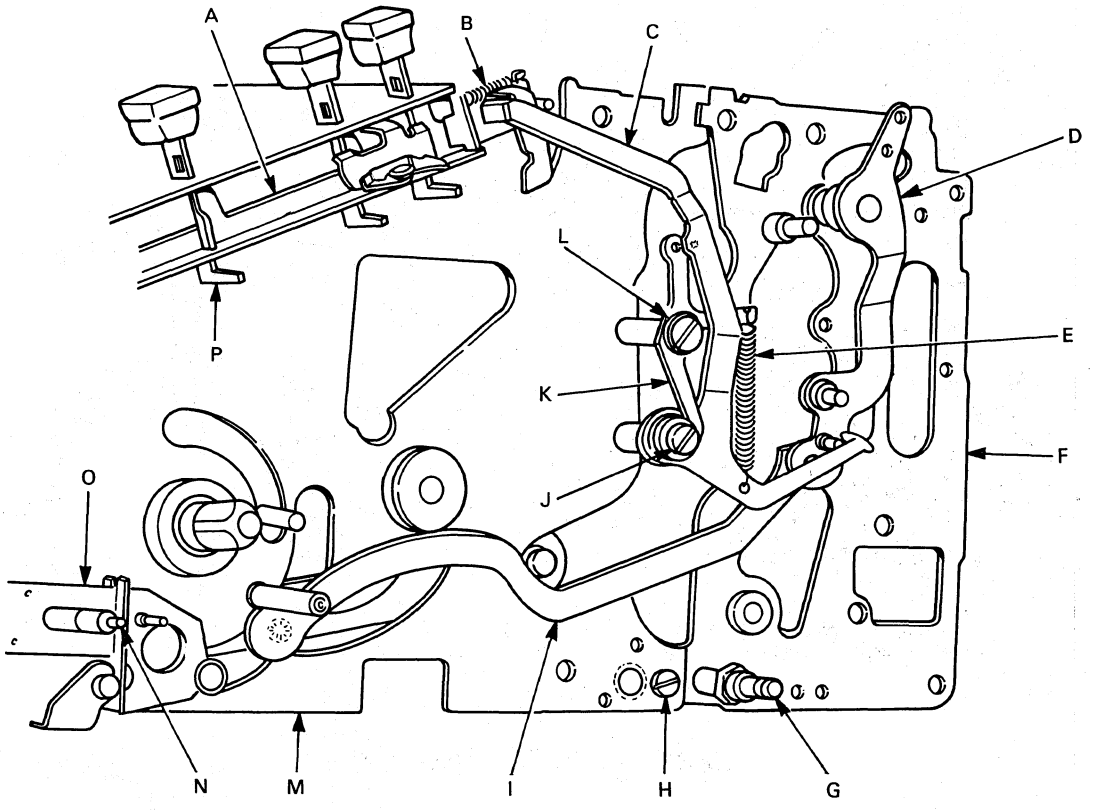


PART NUMBERS (Plate V-66)

A	- - - - - - - -	See Plate II-7 for keytops
B	1011 6028	lock slide. See Plate II-21 for other styles
C	1019 6434	lever. See Plate V-49 for other styles
D	1013 5929	lever. See Plate V-49 for other styles
E	1013 7453	forked arm assembly
F	1027 6400	spring
G	1013 6588	interlock control arm
H	1013 7487	control hook
I	1027 7523	spring
J	1013 9368	spring
K	1013 7354	latch
L	1019 6848	interlock arm
M	1014 7650	spring
N	1019 5923	key release slide. Use 1223 5834 spring on front hook
O	1022 9474	flanged collar
P	1022 8625	key restoring bail
Q	1026 9850	spring

SIDE FRAMES

OCK 6-0 RELEASED BY MACHINE OPERATION (NOT FROM DEPRESSION OF OCK 5-0) ALLOWS MULTIPLE OCK 6-0 OPERATIONS, CLASS 1010365 AND SOME 101050 CB MACHINES (Plate V-67)

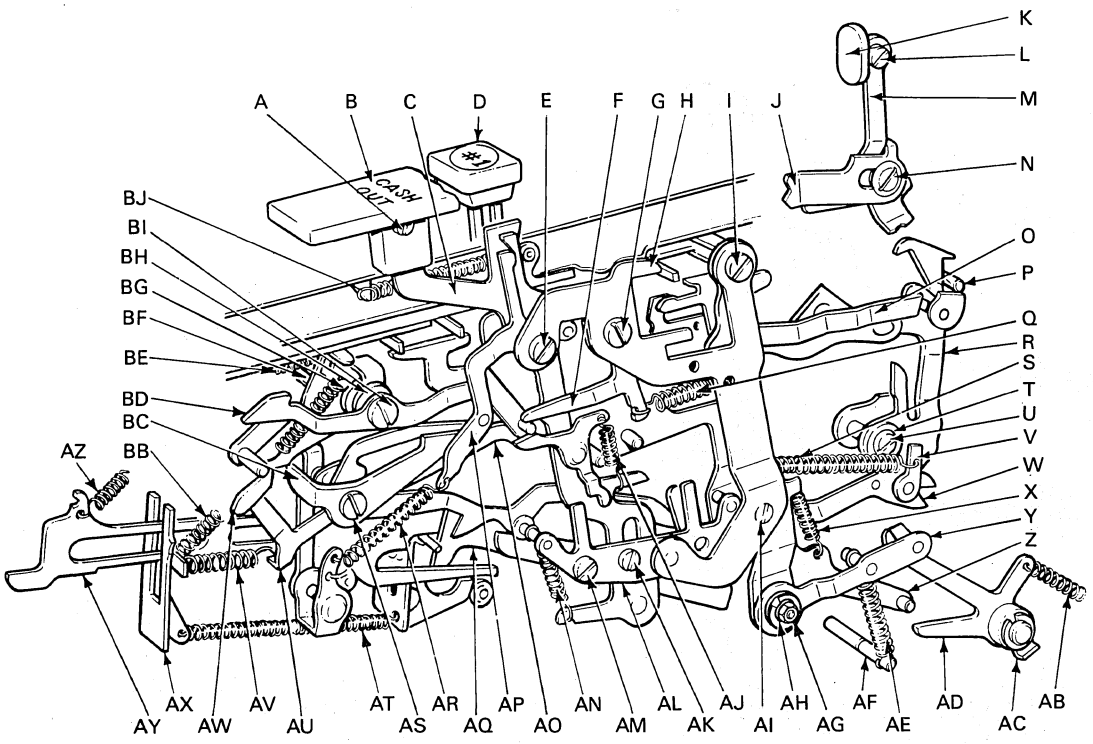


PART NUMBERS (Plate V-67)

A	1224 2756	locking strip	H	1013 8030	screw. Use 1010 4354 lockwasher
B	1034 6922	spring	I	1013 7214	driving link
C	1013 7271	bellcrank	J	1010 8793	screw. Use 1010 4446 (2) washers
D	1041 4886	power arm. Use 1010 0220 clip to connect to I	K	1013 7289	limit arm and spring anchor
			L	1010 8017	screw. Use 1010 4446 washer
E	1026 9892	spring	M	1013 4427	side frame
F	1014 9169	side frame, right. See Plate IV-18 for other styles	N	1216 5403	repair stud. Use 1010 0378 nut
			O	1019 5923	key restoring slide. Use 1223 5834 spring on front hook
G	1011 2860	post	P	1011 9600	keystem, OCK 6-0

SIDE FRAMES

CASH OUT MOTOR BAR, BANK TELLERS MACHINE, TWO REGISTER CONSTRUCTION (Plate V-68)



PART NUMBERS (Plate V-68)

A	1011 2753	screw
B	1028 2101	touch bar, brown
	1011 3280	touch bar, biege
C	1011 1946	motor bar. See Plate V-50 for other styles
D	---- ----	See Plate II-7 for keybuttons
E	1010 9023	screw. Use 1011 2357 collar
F	1013 6612	latch, Class 10 validating and receipting machines
	1013 6620	latch, Class 10 commercial tellers machine
G	1010 3737	screw. Use 1028 8041 shoulder nut
H	1011 2183	auxiliary frame
I	1015 3757	screw. Use 1013 8543 sleeve
J	1013 6455	link. Class 10 commercial tellers machine
	1013 6463	link. Class 10 three register machines
K	1013 9491	finger button
L	1010 3380	screw
M	1013 6471	lever (OCL54)
N	1010 7811	shoulder screw
O	1013 6547	limit arm
P	1013 5382	upper register control assembly See Plate V-64 for other styles
Q	1026 9900	spring
R	1013 5556	control link. See Plate V-58 for other styles
S	1027 7440	spring
T	1010 4925	washer
U	1010 5393	screw
V	1019 6111	auxiliary symbol indexing arm. See Plate V-56 for other styles
W	1013 6661	control arm. Use 1010 0147 clip
X	1026 9892	
Y	- - - - - - -	Drive trip arm. Part shown no longer available
	1021 1761	now used on all styles except class 10 three register machines Spring 1026 9876 used with this trip arm
	1021 1779	now used on class 10 three register machines. Spring 1812 9957 used with this trip arm

Part Numbers Continued On Next Page

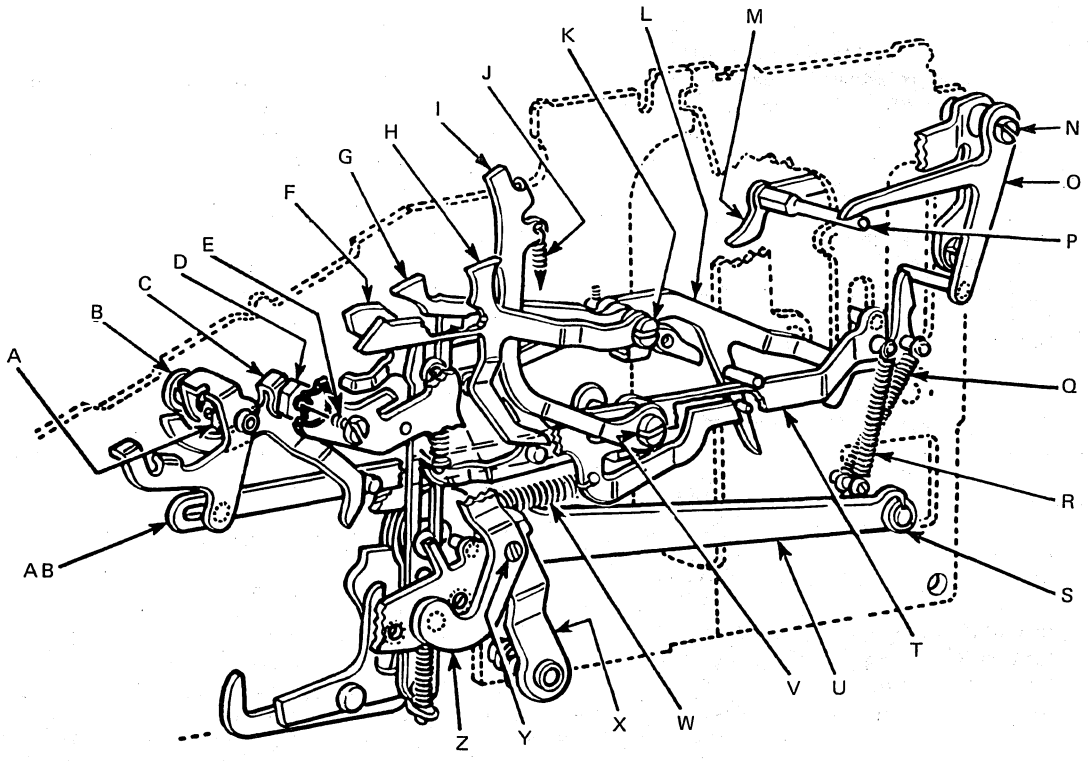
SIDE FRAMES

PART NUMBERS (Plate V-68) CONTINUED

Z	1021 2058	motor bar. Early machines which do not have the eccentric adjustment for part AD, use 1021 2058 motor bar, 1021 1902 latch, 1216 2665 eccentric and 1017 6477 shoulder nut. See Plate V-50 for other styles of motor bars
AB	1027 3209	spring
AC	1010 0147	clip
AD	- - - - - - - -	Latch shown is no longer available
	1021 1902	latch, requires 1216 2665 eccentric and 1017 6477 shoulder nut. For machines equipped with the latch shown, use same consistency of parts as for ref. Z
AE	- - - - - - - -	See ref. Y for spring and drive trip arm detail
AF	1013 8295	spring post
AG	1010 0378	nut, use 1256 7715 lockwasher
AH	1010 4156	washer
AI	1010 4719	screw, use 1010 0360 nut
AJ	1011 3082	spring
AK	1010 5682	screw
AL	1011 1516	support plate
AM	1010 5393	screw
AN	1027 3209	spring
AO	1013 5887	lever. See Plate V-49 for other styles
AP	1021 1886	motor bar latch
AQ	1013 4963	interlock. See Plate V-51 for other styles
AR	1013 9277	spring
AS	1013 8188	shoulder screw
AT	1027 7523	spring
AU	1013 7362	detent
AV	1011 3082	spring
AW	1013 5929	lever. See Plate V-49 for other styles
AX	1013 4666	guide
AY	1019 5923	key release slide. See Plate V-46 for other styles
AZ	1223 5834	spring
BB	1029 2456	spring
BC	1011 1474	bellcrank
BD	1011 1672	latch
BE	1013 9343	spring
BF	1019 6848	error key lock arm
BG	1013 9103	post
BH	1012 8221	washer
BI	1010 3737	screw
BJ	1012 0368	spring

SIDE FRAMES

CONSECUTIVE NUMBERING DEVICE, ROTARY – TO NON-ADVANCE FROM OCK's AND OCL 51, CLASS 10 MACHINES (Plate V-69)

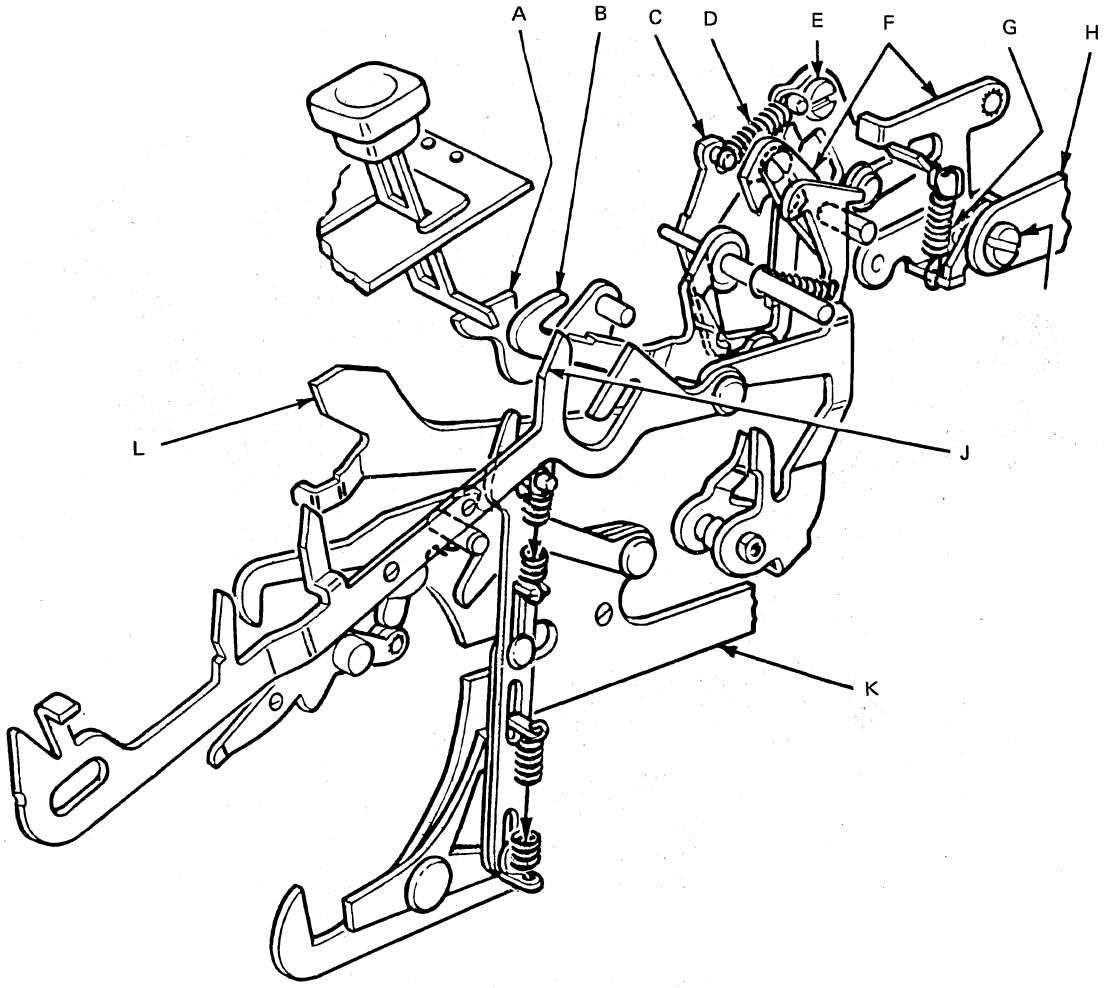


PART NUMBERS (Plate V-69)

A	1015 1611	set collar. Use 1011 0070 screw
B	1021 2157	post. Use 1010 4354 lockwasher and 1010 0337 nut
C	1011 1888	arm
D	1011 2977	hexagon nut. Use 1010 0220 clip
E	1010 5377	screw
F	1013 4286	total arm. See Plate V-53 for other styles
G	1013 4542	sub-total arm. See Plate V-54 for other styles
H	1013 6737	auxiliary index arm. See Plate V-56 for other styles
I	1041 5149	latching arm
J	1027 7424	spring
K	1028 7878	shoulder screw
L	1013 5671	lever. See Plate V-57 for other styles
M	1014 9995	bail
N	1013 8949	screw
O	1043 3159	bellcrank
P	1015 2072	post. Use 1010 4875 screw
Q	1027 3050	spring
R	1026 9900	spring
S	1010 0220	clip
T	1013 5259	actuating arm. See Plate V-59 for other styles
U	1013 3890	control arm
V	1010 8017	shoulder screw
W	1017 1411	spring
X	1011 1516	support plate
Y	1010 5393	screw. Use 1010 0360 nut
Z	1011 2183	auxiliary frame
AB	1011 1318	lever. See Plate V-60 for other styles

SIDE FRAMES

TRANSFER TOTAL FROM REGISTER 'B' TOTAL KEY, CLASS 10 MACHINES (Plate V-70)

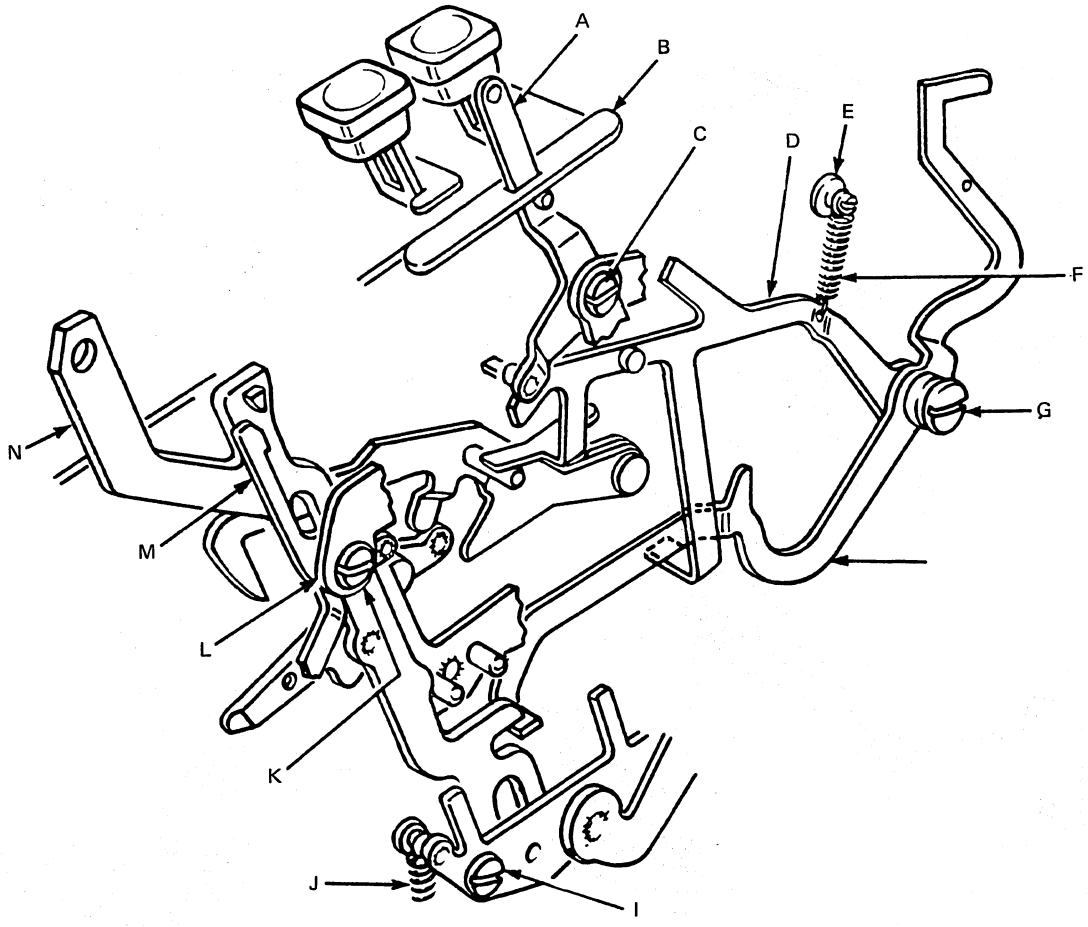


PART NUMBERS (Plate V-70)

A	1013 6539	arm	H	1014 9193	support
B	1013 4526	sub-total arm. See Plate V-54 for other styles	I	1010 5393	screw
C	1013 5416	upper register control assembly	J	1013 5531	accumulator control link. See Plate V-58 for other styles
D	1011 3074	spring	K	1013 3916	accumulator control arm. See Plate V-52 for other styles
E	1010 7811	screw	L	1013 4286	total indexing arm. See Plate V-53 for other styles
F	1013 5390	upper register control assembly See Plate V-64 for other styles			
G	1014 7650	spring			

SIDE FRAMES

NON-ADD REGISTER 'A', INDEXED FROM MOTOR BAR (101), CLASS 10 MACHINES (Plate V-71)

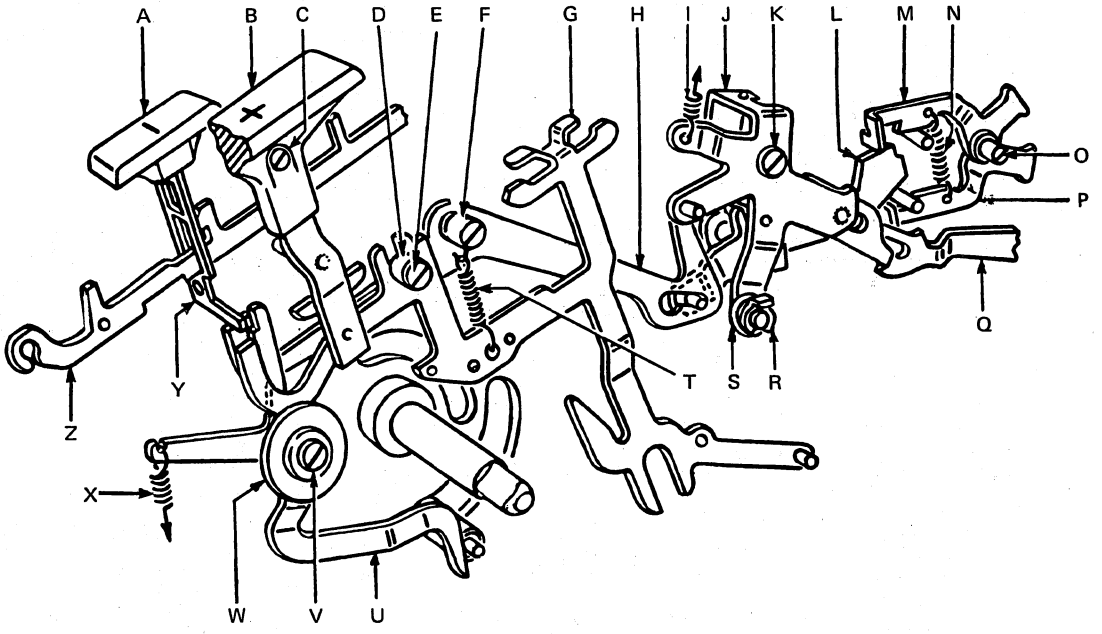


PART NUMBERS (Plate V-71)

A	1013 6497	lever (OCL51). See Plate V-63 for other styles
B	1013 7230	plate
C	1015 3757	screw
D	1013 6752	control arm. See Plate V-56 for other styles
E	1011 0120	spring anchor. Use 1013 8972 post
F	1026 9900	spring
G	1010 7233	screw
H	1013 6760	control arm. See Plate V-56 for other styles
I	1010 5393	screw. Use 1010 0360 nut
J	1027 3209	spring
K	1010 9023	screw
L	1011 2183	auxiliary frame
M	---- ----	Motor bar latch
	1021 1886	shown
	1021 1894	for class 10 validating and receipting machines
N	1011 1938	motor bar. See Plate V-50 for other styles

SIDE FRAMES

SUBTRACT MECHANISM, INDEXED FROM OCK 3-0, Class 9, SERIES P200, P2200 AND P3300 MACHINES (Plate V-72)

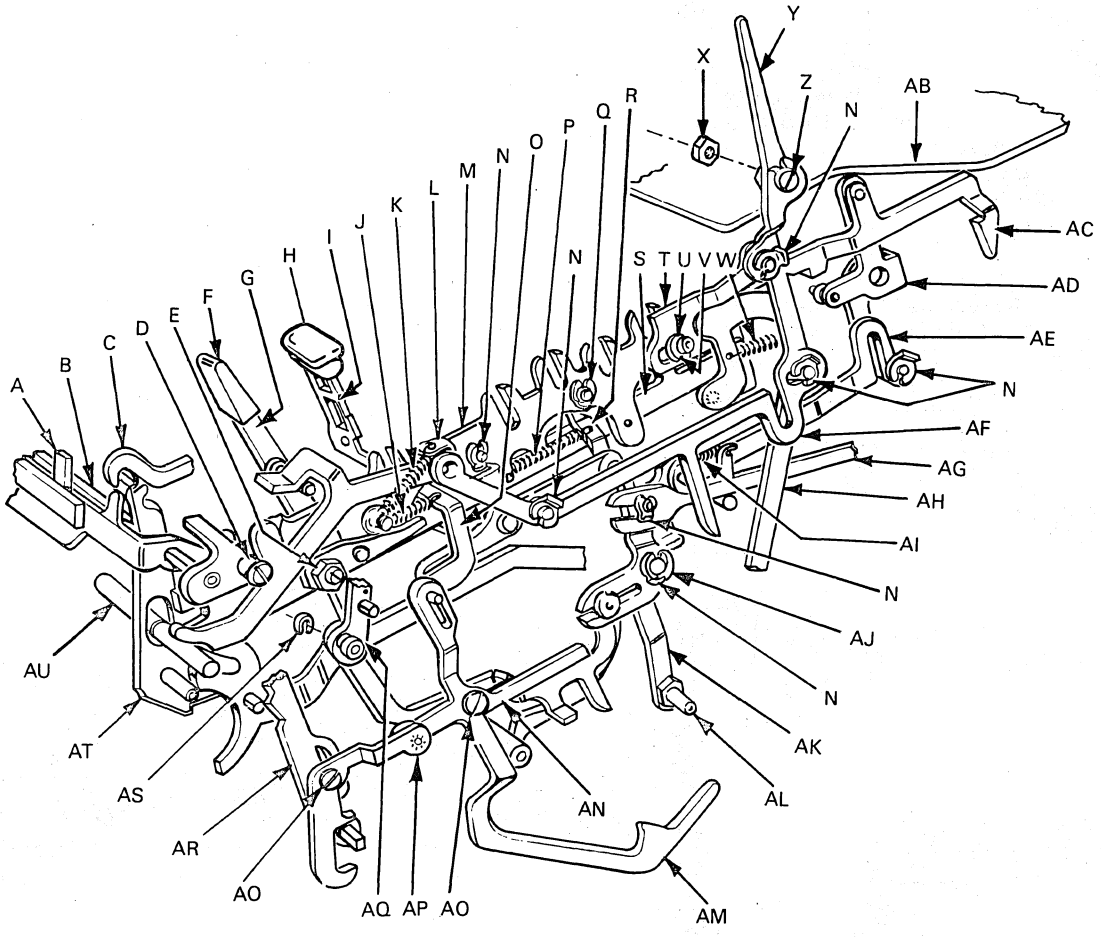


PART NUMBERS (Plate V-72)

A	----------	Minus keytop (OCK 3-0)
	1011 3256	grey
	1011 3249	beige
	1215 6303	black (—) on grey 225
	1224 4943	grey 220 (—) on grey 225
B	----------	Plus touch bar (101)
	1011 3223	beige
	1215 6311	black (+) on grey 225
	1219 7695	grey 220 (+) on grey 225
C	1011 2753	screw
D	----------	For Series P200, P2200
	1011 2365	flanged spacer in fork of motor bar
	1017 4423	spacer for switch bracket
	----------	For Series P1300, P3300
	1011 2365	flanged spacer in fork of motor bar
E	1010 8439	screw for P200, P2200
	1010 9023	screw for P1300, P3300
F	----------	For Series P200, P2200
	1017 4431	spacer for switch bracket. Use 1010 8439 screw
	----------	For Series P1300, P3300
	1013 2637	spring anchor screw only
G	1021 1977	motor bar. This bar is used with latch BO, eccentric BQ, and shoulder nut BP, Plate VI-37
H	1011 2076	subtract rocker arm
I	1014 6298	spring
J	1019 7424	rocker arm
K	1010 5393	screw
L	1019 7572	rocker arm
M	1017 0090	blocking latch, upper
N	1044 2622	spring
O	1010 4248	screw
P	1017 0108	blocking latch, lower
Q	1019 7606	quick tumble arm
R	1010 0220	clip
S	1044 2986	roller
T	----------	For Series P200, P2200
	1035 2219	spring, hooked around spacer and into centre hole of motor bar (no clip req'd)
	--------	For Series P1300, P3300
	1027 6913	spring, hooked from spring anchor screw (upper) to 1027 7069 spring anchor screw (fitted in centre hole of motor bar and anchored with 1010 0386 nut)
U	1019 7465	interlocking latch
V	1013 8188	screw
W	1017 5198	flanged guide roll
X	1011 3082	spring
Y	1011 9659	keystem (OCK3-0)
Z	1011 4429	keyboard strip, column 0. See Plate II-10 for other styles

SIDE FRAMES

OCL 60 INTERLOCKS AND SUBTRACT NORMALISING OCK 4-0 SERIES P600 and P9000 MACHINES (Plate V-73)



PART NUMBERS (Plate V-73)

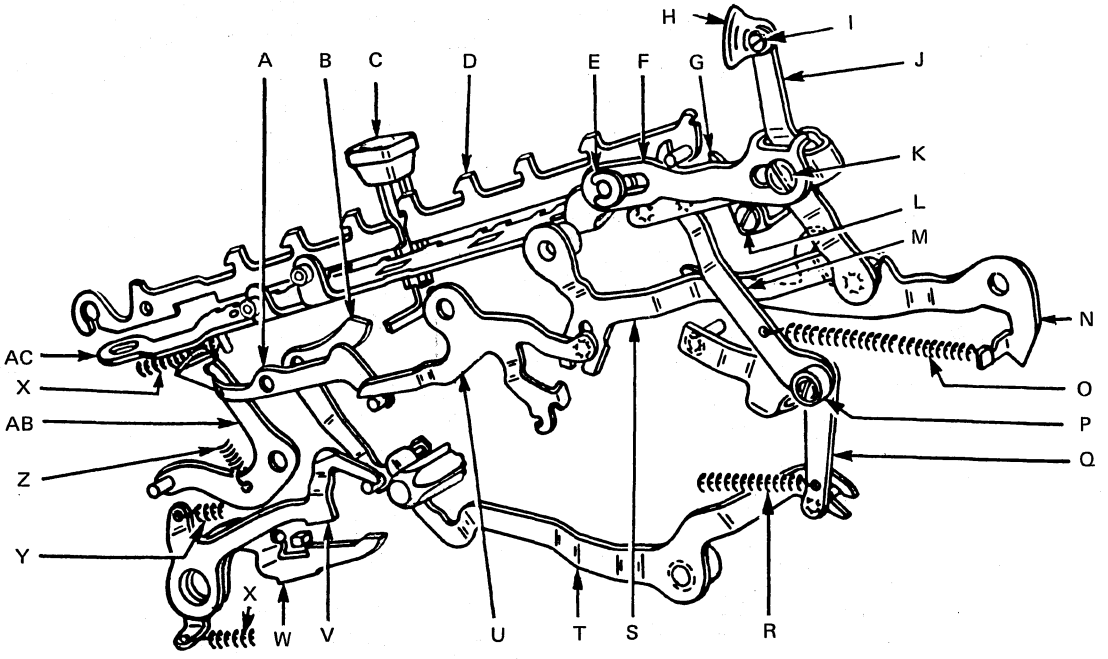
A	1022 9334	key release bail
B	1016 2220	cipher stop shaft
C	1016 2642	locking strip, column O
D	1010 7266	screw
E	1017 9810	eccentric. Use 1044 1889 screw
F	---- ----	OCL60 keytop
	1016 1966	brown 100
	1224 5999	grey 242
	1218 1277	grey 207
	1218 5963	brown 108
G	---- ----	OCL60 shift lever
	1019 7812	regular
	1215 1924	for three register machines
H	---- ----	OCK 4-0 keytop (blank)
	1301 9757	brown 108
	1812 5377	grey 242
	1301 9781	ivory 301
	1301 9773	red 401
I	1011 9600	keystem OCK 4-0
J	1027 6590	spring
K	1026 9355	spring
L	1044 9890	interlock arm
M	1033 0819	support
N	1010 0220	clip
O	1016 8086	bellcrank
P	1011 3074	spring
Q	1300 1417	clip
R	1044 9569	bellcrank
S	1019 8430	intermediate motor bar — regular
	1215 2484	intermediate motor bar for three register machines
T	1045 0286	interlock arm
U	1010 4453	washer
V	1010 0212	clip
W	1027 6186	spring
X	1010 0444	nut
Y	1044 9064	normalizing lever
Z	1017 2708	screw

SIDE FRAMES

PART NUMBERS (Plate V-73) CONTINUED

AB	---- ----	See Plate I-2 for carriage base plates
AC	1019 8042	total slide
AD	1016 7377	non-add lever register 'A'
AE	1019 8521	total key interlock slide
AF	1016 8094	connecting arm
AG	1016 8052	subtract index link — regular
	1215 2716	link for three register machines
AH	1019 9081	normalizing arm
AI	1027 3209	spring
AJ	1033 0975	bellcrank
AK	1017 3763	subtract power segment
AL	1020 0434	eccentric post
AM	1016 8045	subtract power arm
AN	1016 8078	disabling crank
AO	1018 0040	screw
AP	- - - - - -	Interlock shown, replaced by 1022 8849 keyboard strip column O, 1023 4201 index bar and 1016 8193 shoulder screw
AQ	1019 8463	subtract bellcrank
AR	1016 7534	subtract motor bar. See Plate V-50 for other styles
AS	1010 0147	clip
AT	1016 2758	rocker arm, column O
AU	1016 2246	key restoring bail

MULTIPLE RECEIPT LEVER (OCL54) MECHANISM,CLASS 10 VALIDATING AND RECEIPTING MACHINES (Plate V-74)



PART NUMBERS (Plate V-74)

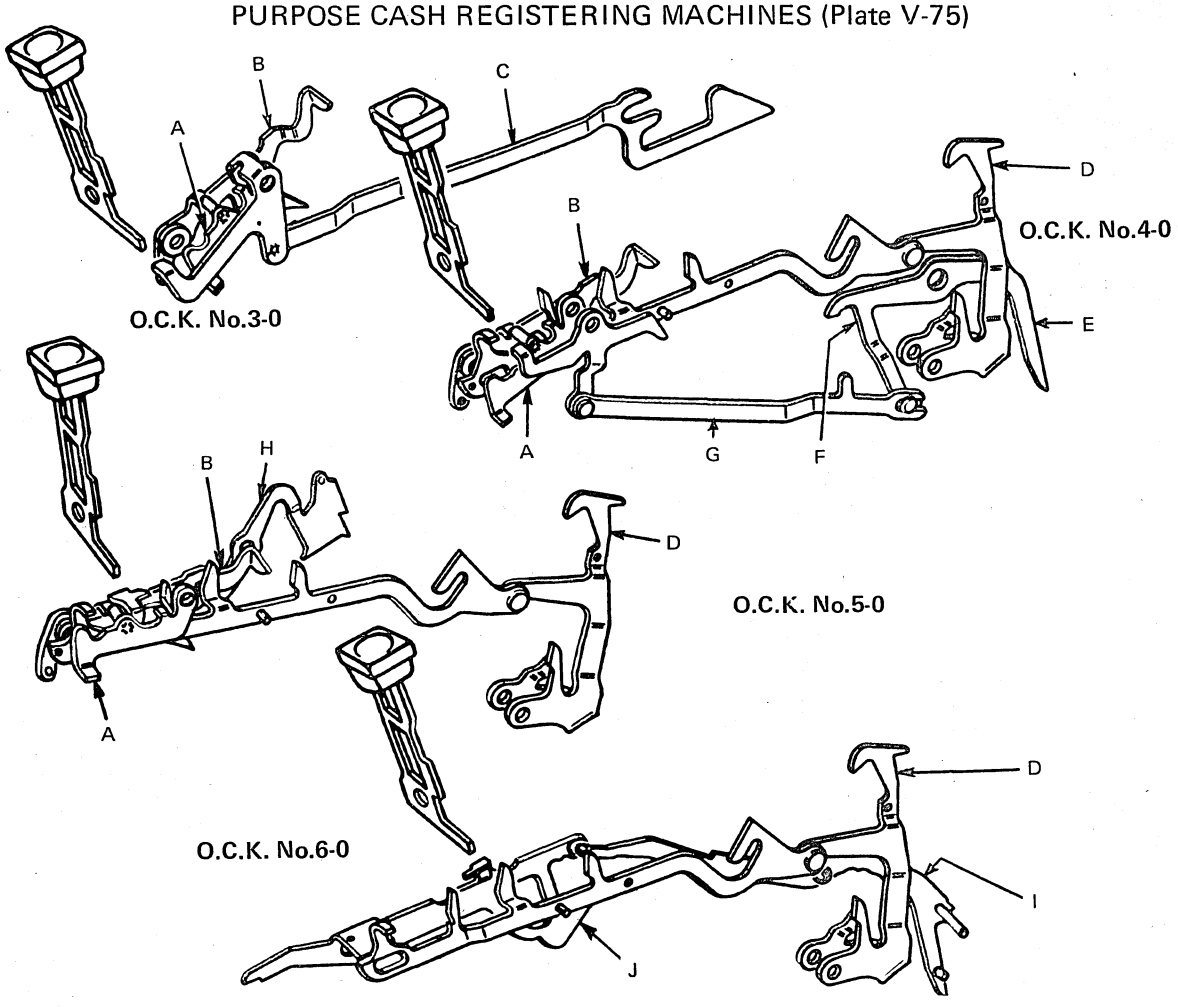
A	1011 1680	bellcrank
B	1013 6588	interlock control arm.
C	- - - - - - - -	See Plate II-7 for keytops
D	1011 4650	keyboard strip, column O
E	1010 0147	clip
F	1013 6463	connecting link
G	1013 6570	latch
H	1013 9491	finger piece
I	1010 3380	screw
J	1013 6471	lever (OCL54)
K	1010 7811	shoulder screw. Use 1013 8626 post
L	1010 9684	screw
M	1013 6653	release arm
N	1013 6679	camming arm
O	1027 7523	spring
P	1013 9079	shoulder screw. Use 1010 5880 flanged collar
Q	1019 6111	auxiliary symbol indexing arm. See Plate V-56 for other styles
R	1027 7440	spring
S	1013 6547	limit arm
T	1013 6661	lever
U	1013 6638	bellcrank

SIDE FRAMES

PART NUMBERS (Plate 74) CONTINUED

V	1013 7354	latch
W	1013 7487	control hook
X	1013 9368	spring
Y	1027 6871	spring
Z	1014 7650	spring
AB	1013 7396	interlock arm
AC	1011 6028	slide

OPERATION CONTROL KEYS (OCL's) AND INDEXING CONTROLS – FOR GENERAL PURPOSE CASH REGISTERING MACHINES (Plate V-75)

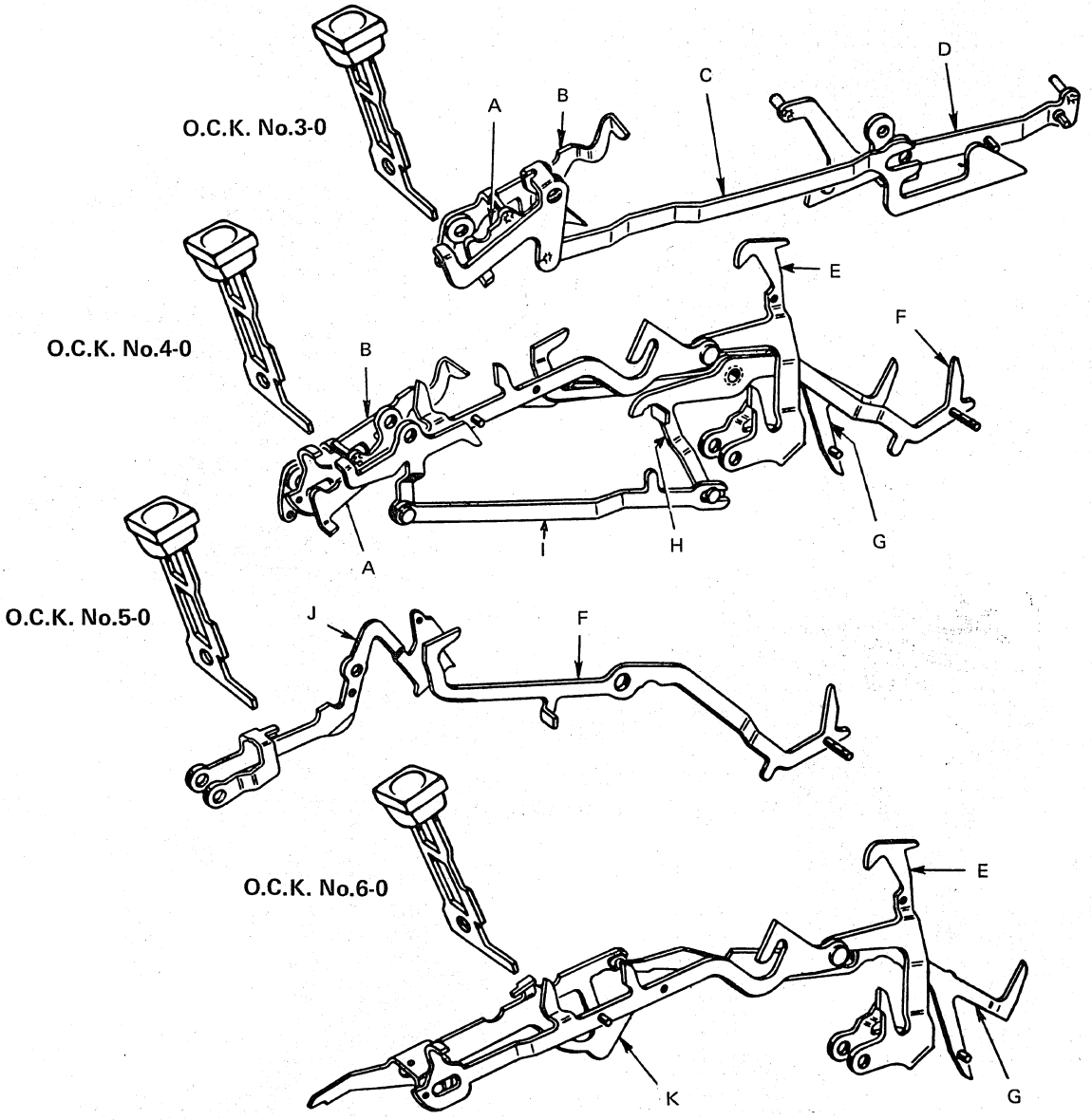


PART NUMBERS (Plate V-75)

A	1011 1821	arm
B	1013 7107	arm
C	1011 1292	lever. See Plate V-60 for other styles
D	1013 5515	control link. See Plate V-58 for other styles
E	1013 5689	lever
F	1013 5812	lever. See Plate V-57 for other styles
G	1011 1359	lever. See Plate V-60 for other styles
H	1019 6467	lever. See Plate V-49 for other styles
I	1013 5838	lever. See Plate V-57 for other styles
J	1013 4583	non-add arm. See Plate V-48 for other styles

SIDE FRAMES

OPERATION CONTROL KEYS (OCL's) AND INDEXING CONTROLS – FOR ITEMIZING CASH REGISTERING MACHINES (Plate V-76)

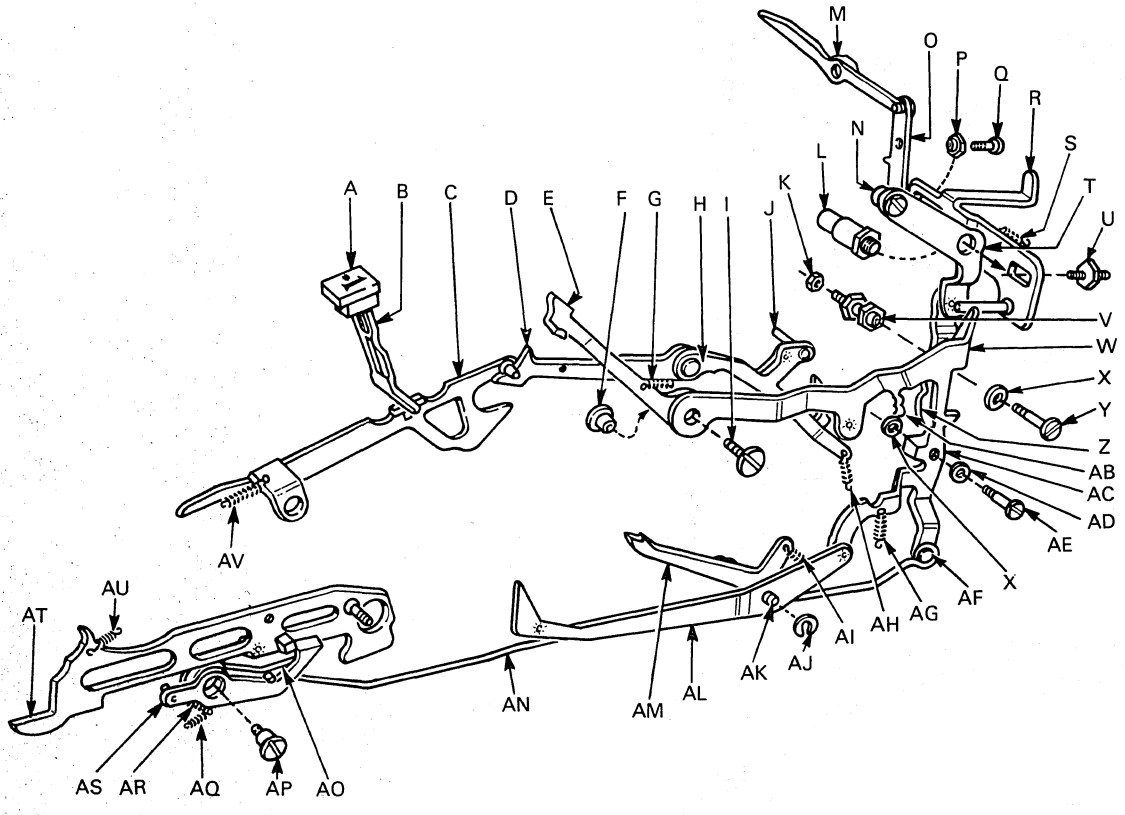


PART NUMBERS (Plate V-76)

A	1011 1805	arm	G	1013 5804	lever. See Plate V-57 for other styles
B	1013 7107	arm	H	1013 5812	lever. See Plate V-57 for other styles
C	1011 1292	lever. See Plate V-60 for other styles	I	1011 1359	lever. See Plate V-61 for other styles
D	1013 5150	actuating arm. See Plate V-59 for other styles	J	1019 6459	lever. See Plate V-49 for other styles
E	1013 5507	accumulator control link. See Plate V-58 for other styles	K	1013 4583	non-add arm. See Plate V-48 for other styles
F	1013 5788	lever. See Plate V-59 for other styles			

SIDE FRAMES

CARRIAGE INTERLOCK AND NON-SPACE MECHANISM, 7½" (RG) CARRIAGE, CLASS 10 THREE REGISTER MACHINES (Plate V-77)



PART NUMBERS (Plate V-77)

A	--------	See Plate II-7 for keytops	O	1015 3427	link
B	1011 9600	keystem	P	1017 2484	nut
C	1013 4583	non-add arm	Q	1010 9023	screw
D	1019 6293	rocker arm. See Plate V-57 for other styles	R	1012 7934	non-space, control arm
			S	1026 9363	spring
E	1013 6653	release arm	T	1013 7511	bellcrank
F	1035 1179	bushing	U	1013 2025	screw
G	1027 7523	spring	V	1017 1312	threaded post
H	--------	Use 1013 5705 auxiliary rocker arm, 1014 9219 bracket, 1020 1119 latch, 1027 2839 spring, before machines P320869D and P122991S	W	1017 0496	arm
			X	1013 1308	spacer
			Y	1011 0161	screw
			Z	1015 0662	lever
	1013 5705	auxiliary rocker arm machines after machines P320868D and P122990S	AB	1028 7142	spring
			AC	1015 0696	bellcrank
			AD	--------	Part no longer used
I	1013 9079	screw	AE	1026 1907	shoulder screw
J	1013 8857	screw stud, use 1010 0469 nut and 1256 7699 lockwasher	AF	1027 6749	screw
			AG	1027 6897	spring
K	1010 0360	nut	AH	1027 6392	spring
L	1015 2148	bushing, use 1019 5204 guide and 1010 4644 screw	AI	1027 3209	spring
			AJ	1010 0147	clip
M	1012 9765	rocker arm	AK	1028 1251	screw post
N	1010 9775	screw			

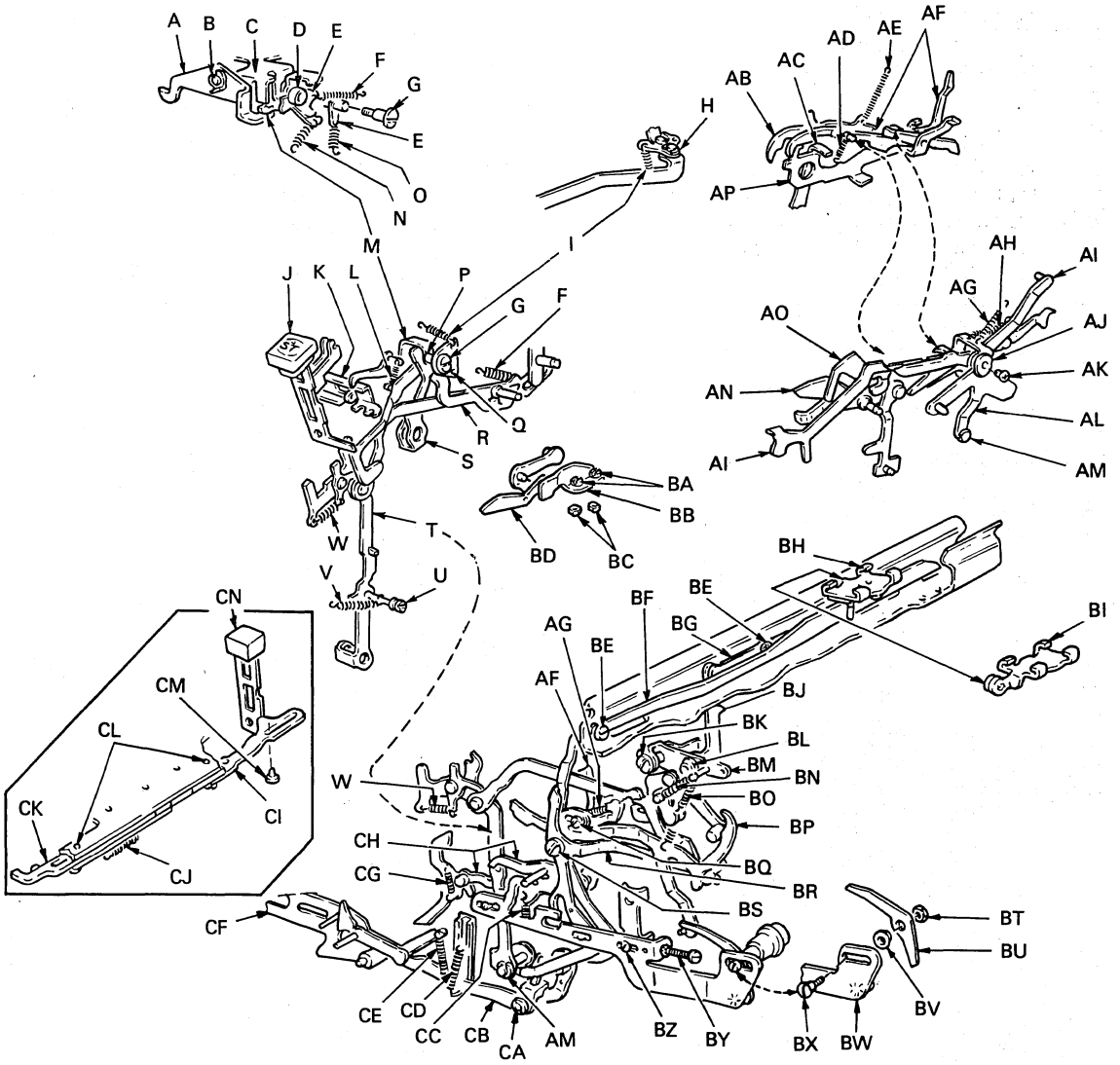
Part Numbers Continued On Next Page

SIDE FRAMES

PART NUMBERS (PLATE V-77) CONTINUED

AL	1013 5341	lever
AM	---- ----	Drive trip arm latch shown is no longer available. Use 1021 1902 latch, 1216 2665 eccentric, 1017 6477 shoulder nut; also 1021 1977, 1021 1985, 1021 1993 or 1021 2041, 1021 2058, 1021 2066 motor bar (as req'd) and/or 1021 3296 detent on three register machines
	1021 1902	drive trip arm latch with provision for eccentric adjustment. See Plate VI-37 for detail
AN	1010 7878	wire
AO	1010 7589	latch
AP	1023 7154	screw
AQ	1027 6871	spring
AR	1027 7572	spring
AS	1013 5333	latch
AT	1019 5923	key restoring slide
AU	1223 5834	spring
AV	1013 3387	spring

ENFORCED SUB-TOTAL AND TOTAL MECHANISM, CLASS 9 BOOK KEEPING MACHINES (Plate V-78)



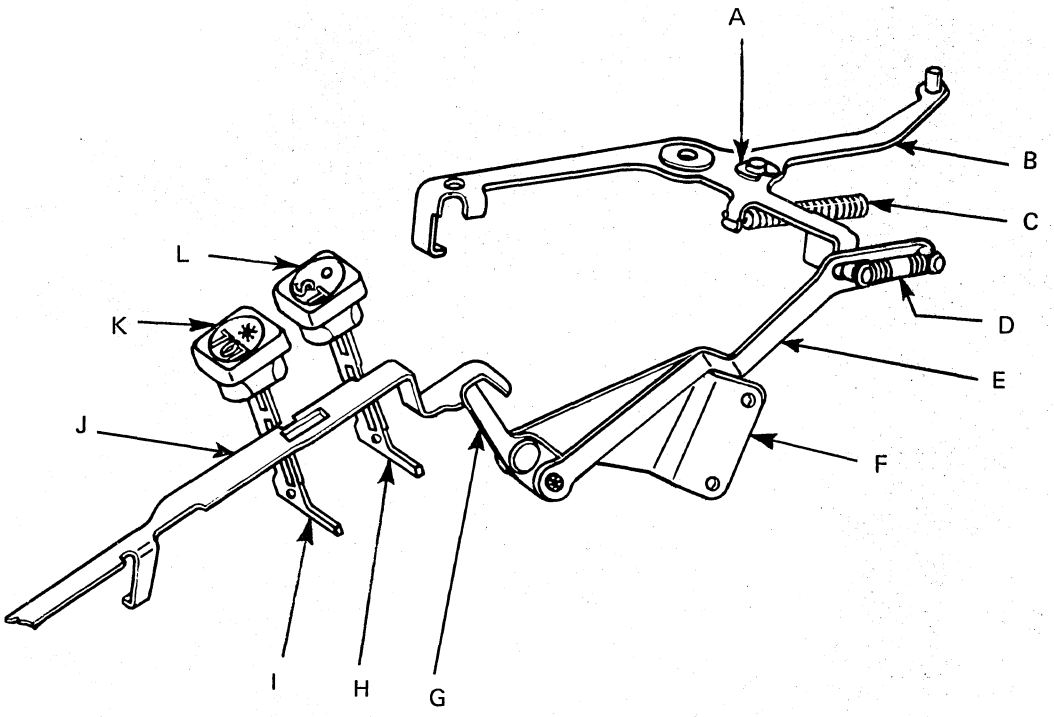
SIDE FRAMES

PART NUMBERS (Plate V-78)

A	1013 7024	rocker arm
B	1010 0220	clip
C	1042 9975	hammer head. See Printing, Section III for other styles
D	1015 1611	set collar, use 1011 0070 screw
E	1026 6252	wire anchor for spring
F	1014 6298	spring
G	1012 0178	screw
H	1010 0147	clip
I	1027 1989	spring
J	--------	See Plate II-7 for keybuttons
K	1011 4874	channel bail. See Plate II-15 for other styles
L	1013 9327	spring
M	1015 3559	interlock arm
N	1013 3346	spring
O	1015 2262	spring
P	1027 2029	threaded post
Q	1300 1433	clip
R	1015 3575	rocker arm
S	1016 9795	bellcrank
T	1015 3252	interlock assembly
U	1015 3807	screw stud
V	1027 7515	spring
W	1027 3415	spring
AB	1019 6160	symbol indexing arm
AC	1015 4094	indexing bail
AD	1012 0327	spring
AE	1013 3346	spring
AF	1019 6152	symbol indexing arm
AG	1014 6298	spring
AH	1026 9306	spring
AI	1015 3542	arm
AJ	1010 3927	washer
AK	1015 3666	flanged collar
AL	1019 7424	rocker arm
AM	1010 0147	clip
AN	1015 2858	total arm
AO	1015 2890	sub-total arm
AP	1019 6103	symbol arm, shown. See Plate V-55 for other styles
BA	1010 9213	screw
BB	1012 9732	bracket
BC	1010 0451	nut
BD	1012 9757	rocker arm
BE	1017 3169	screw
BF	1012 9716	arm
BG	1012 9740	arm
BH	1012 9690	control roll mounting
BI	1012 9658	control roll mounting
BJ	1015 3393	latch
BK	1010 9684	shoulder screw
BL	1010 8751	eccentric, use 1011 0195 screw
BM	1015 3310	bellcrank
BN	1029 3264	spring
BO	1027 6921	spring
BP	1015 3443	control arm
BQ	1010 8983	screw, use 1256 7715 lockwasher
BR	1015 3377	normalizing arm
BS	1017 2211	screw
BT	1010 4552	washer
BU	1015 3351	rocker arm
BV	1010 5740	collar
BW	1015 3336	latch assembly
BX	1010 5211	shoulder screw
BY	1010 9239	screw, use 1010 0360 and 1010 0378 nuts
BZ	1010 9601	screw, use 1010 0360 nut
CA	1013 7594	bushing
CB	1013 4989	arm. See Plate V-51 for other styles
CC	1027 6913	spring
CD	1011 3108	spring
CE	1027 2821	spring
CF	1019 5899	key release slide. See Plate V-46 for other styles
CG	1026 9371	spring
CH	1015 3229	latch
CI	1015 2684	slide
CJ	1027 7762	spring
CK	1015 2650	slide
CL	1015 2734	rivet, use 1026 9678 washer
CM	1012 0004	rivet
CN	---- ----	See Plate II-7 for keybuttons

SIDE FRAMES

TOTAL KEYS INTERLOCK, SERIES P200 AND P2200 MACHINES WITH SHUTTLE CARRIAGE (Plate V-79)

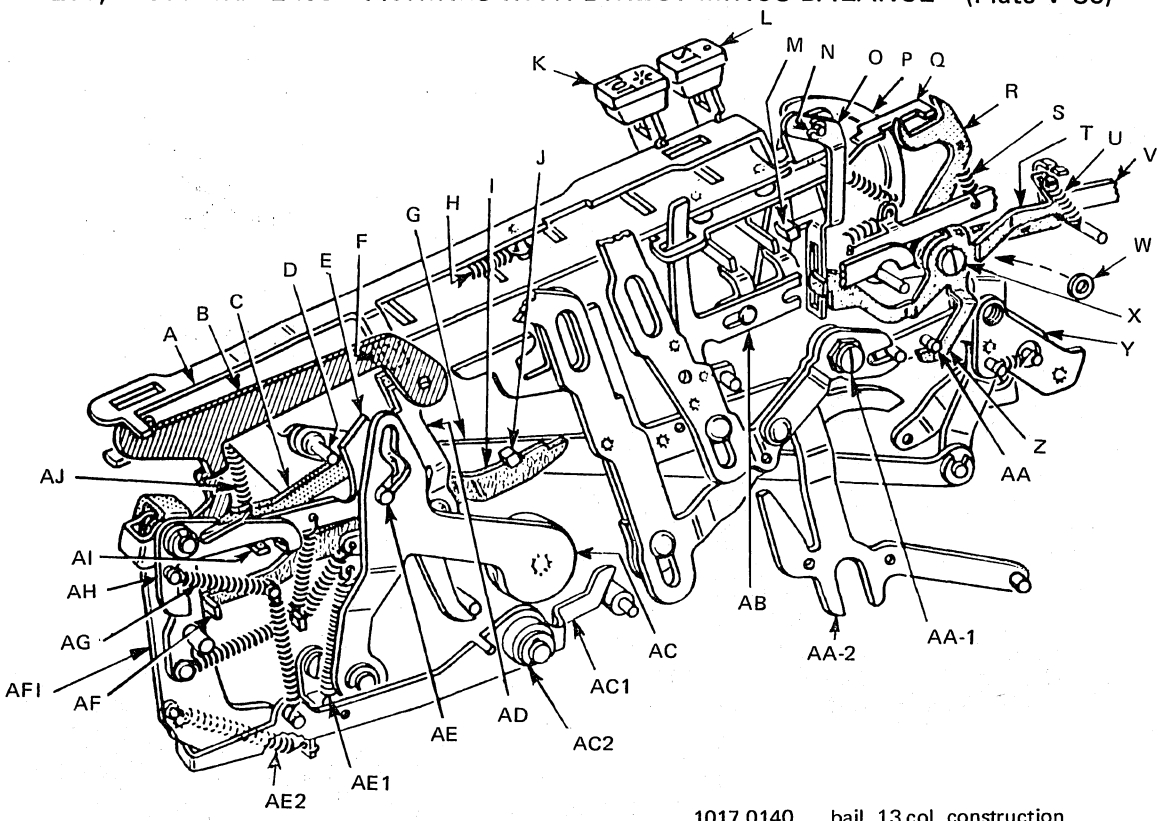


PART NUMBERS (Plate V-79)

A	1010 0220	clip
B	1220 2107	lever, regular
	1224 3317	lever, for ABC machines
C	1013 3148	spring
D	1011 3116	spring
E	--------	Link is part of bracket assembly F
F	1220 2594	bracket and link. Use 1013 1993 upper screw, 1010 9601 lower screw and 1010 0378 (2) nuts for securing bracket to auxiliary side frame
G	--------	Part of F
H	1011 9600	keystem, sub-total
I	1011 9600	keystem, total
J	1220 8518	interlock slide
K	--------	See Plate II-7 for keybuttons
L	--------	See Plate II-7 for keybuttons

SIDE FRAMES

MINUS BALANCE MECHANISM AND INTERLOCKS, CLASS 9, SERIES P200, P1300 and P2200 MACHINES WITH DIRECT MINUS BALANCE (Plate V-80)

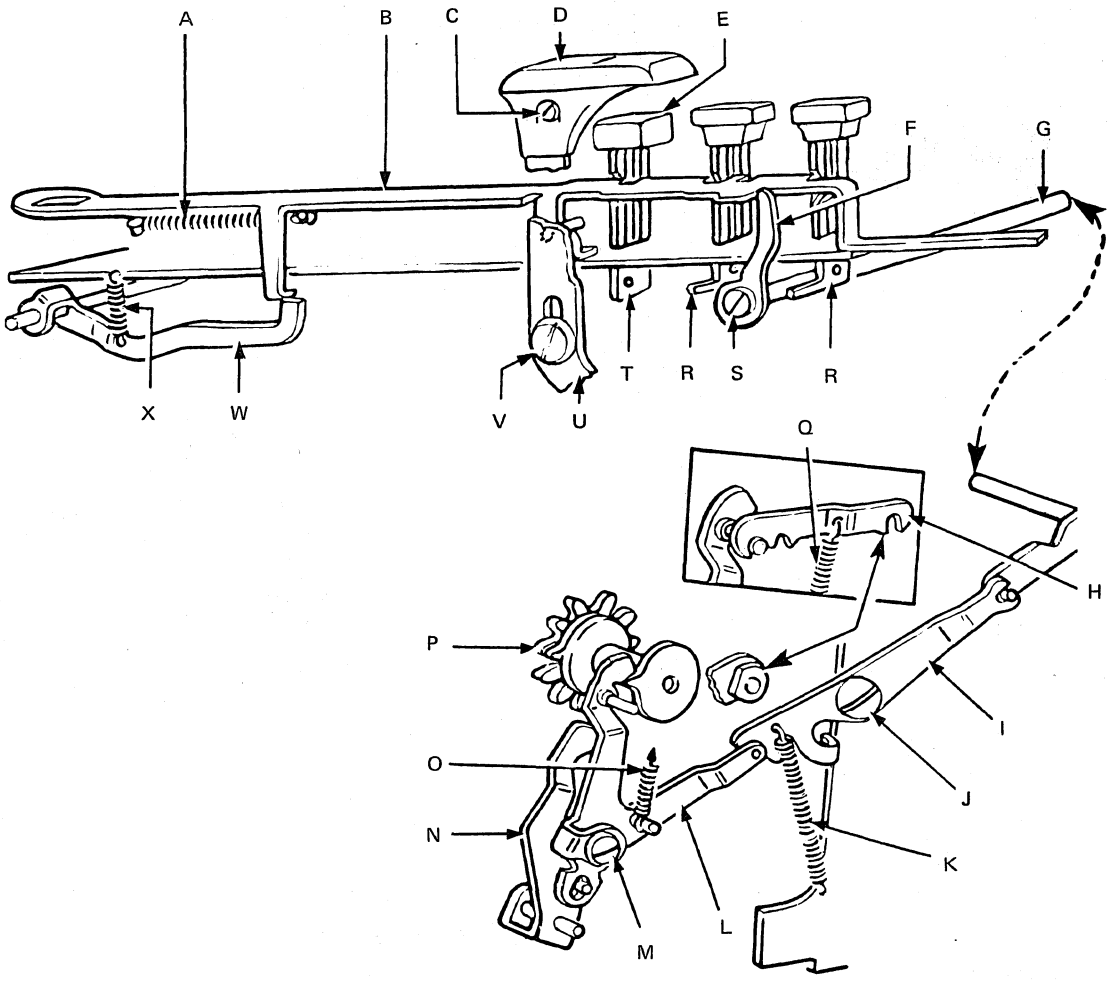


PART NUMBERS (Plate V-80)

A	1029 9022	timing slide
B	1015 2601	counter balance arm
C	1015 2700	latch for slide A
D	--------	Stud is part of subtract arm G
E	1015 3146	interlock arm
F	--------	Lip is part of slide A
G	--------	Subtract arm
	1015 3013	shown
	1015 3039	for machines with non-print and non-space key
H	1028 9460	spring for slide A
I	1015 3062	latch
J	--------	Square stud is part of G
K	--------	See Plate II-7 for keybuttons
L	--------	See Plate II-7 for keybuttons
M	--------	Drive stud is part of P
N	1255 3129	clip
O	1029 9030	arm for drive of A
P	1011 4700	total interlock link
Q	--------	Interlock slide is part of lower keyboard plate
R	1016 9811	bellcrank
S	1014 7650	spring
T	1029 9048	bellcrank
U	1027 2045	spring
V	1017 0132	bail, 10 col. construction
	1017 0140	bail, 13 col. construction
W	1044 1657	spacer
X	1029 9089	screw
Y	--------	Split joint construction of this arm is no longer available. Use 1043 6327 rocker arm
Z	--------	Part of T
AA	--------	Stud is part of Y
AA-1	1010 5393	screw
	1044 1673	eccentric
AA-2	1021 1985	motor bar assembly. See Plate V-50 for other styles
AB	1029 9071	total control arm. Use 1011 3082 spring to connect slides
AC	1015 3161	timing delay arm
AC-1	1013 7321	interlock
AC-2	1010 0147	clip
AD	1015 3195	latch
AE	--------	Stud is part of E
AE-1	1013 3114	spring. Use 1010 0071 spring anchor
AE-2	1027 3209	spring
AF	--------	Lip is part of I
AF-1	1011 4908	rocker arm, col. O
AG	1027 3209	spring
AH	1015 3088	auxiliary latch
AI	--------	Lip is part of C
AJ	1027 3415	spring

SIDE FRAMES

NEGATIVE TOTAL LOCK MECHANISM, OCK IN POSITION 7-0, CLASS 9 and P200 MACHINES (Plate V-81)

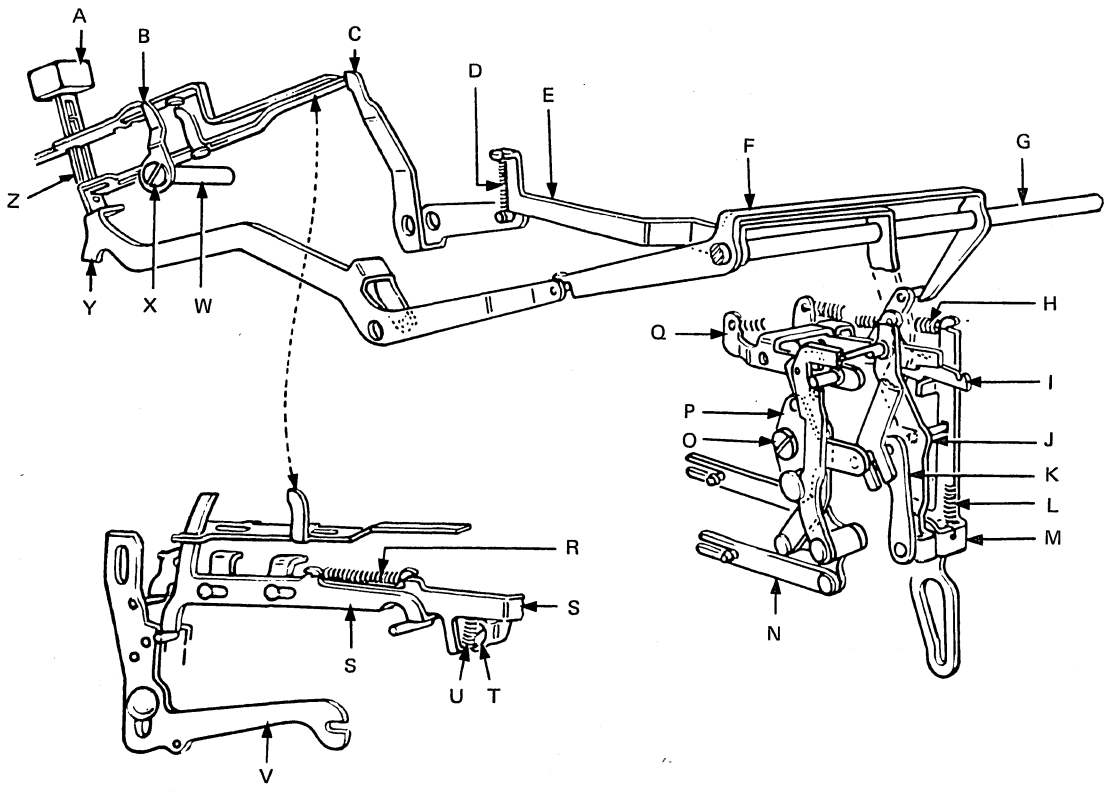


PART NUMBERS (Plate V-81)

A	1027 2037	spring
B	1015 2577	interlock slide, shown
	1022 9508	interlock slide for Class 9 hand and Series P200 machines not minus balance
C	1011 2753	screw
D	--------	See Plate II-8 for touch bar detail
E	--------	See Plate II-7 for keybutton detail
F	1015 3476	control arm
G	--------	Shaft and arm assembly
	1015 2767	10 col. construction
	1015 2775	13 col. construction
H	1044 0873	detent, early
	1017 0215	detent, late
I	1017 0223	lever
J	1010 6698	screw
K	1017 1452	spring
L	1017 0249	bellcrank
M	1017 0983	shoulder screw
N	1017 0256	trip arm
O	1026 9892	spring
P	--------	See Plate IV-38 for pinion detail
Q	1018 0834	spring
R	1011 9600	keystem
S	1015 3757	screw
T	1011 9758	keystem
U	1021 1985	motor bar. See Plate V-50 for other styles
V	1010 8439	screw, use 1011 2373 flanged collar
W	1015 2692	interlock
X	1027 3415	spring

SIDE FRAMES

AUTOMATIC ONE MECHANISM, OCK IN POSITION 7-0, CLASS 9 AND P200 MACHINES (Plate V-82)

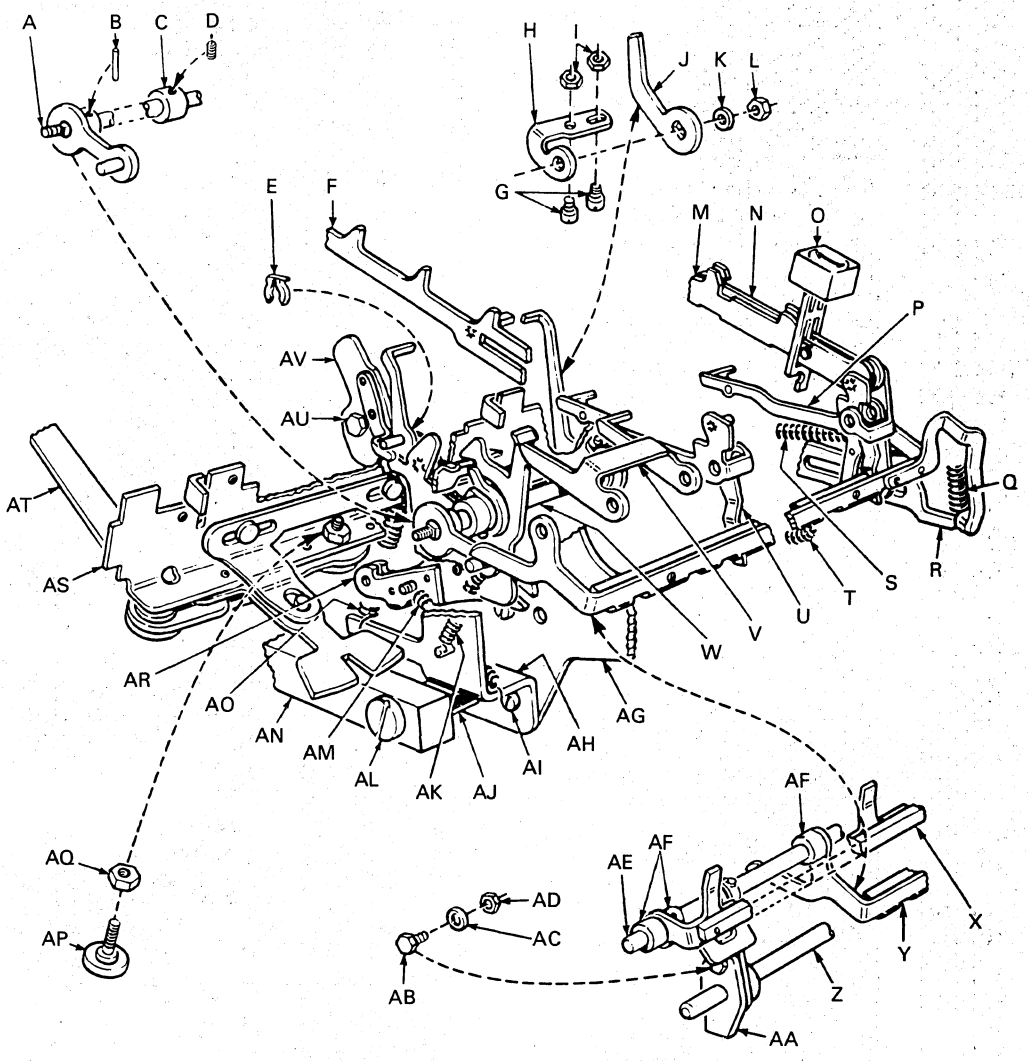


PART NUMBERS (Plate V-82)

A	--------	See Plate II-7 for keybutton detail
B	1015 3476	control arm
C	1016 9795	bellcrank, use 1015 3906 shoulder screw
D	1014 7650	spring
E	1017 0132	forked bail
F	1017 0165	bail
G	1014 8047	shaft
H	1017 1411	spring
I	1019 2805	carry rack latch. See Plate IV-33-34-35 for other styles
J	1016 9845	release arm
K	1017 0124	detent, use 1017 1445 spring
L	1017 1494	spring
M	---- ----	See Plate IV-28 for carry rack detail
N	1016 9878	fugitive one bellcrank assembly
O	1017 1262	screw
P	1016 9829	lever
Q	1016 9316	carry rack latch. See Plate IV-33-34-35 for other styles
R	1011 3082	spring
S	1021 1837	total control arm
T	1015 3906	shoulder screw
U	1027 3050	spring
V	1021 1985	motor bar. See Plate V-50 for detail and for other styles
W	--------	Shaft and arm assembly
	1015 2767	10 col. construction
	1015 2775	13 col. construction
X	1015 3757	screw
Y	1015 3500	arm
Z	1011 9758	keystem. See Plate II-9

SIDE FRAMES

AUTOMATIC COUNT MECHANISM, SERIES P400 AND P5000 MACHINES (Plate V-83)



PART NUMBERS (Plate V-83)

A	1020 0921	shaft assembly
B	1010 0626	pin
C	1015 4920	set collar, includes D
D	1010 8967	screw
E	1010 0220	clip
F	--------	Index bar
	1023 4219	shown, for first count col. in col. 8 of Style 10 machines
	1023 4227	for first count col. in col. 10 of Style 13 machines. See Plate IV-50 for other index bars
G	1053 7330	screw
H	1020 0996	support
I	1010 0469	nut
J	--------	Count arm
	1020 0988	shown, for first count col. in col. 8 of Style 10 machines
	1020 0970	for first count col. in col. 10 of Style 13 machines
K	1256 7699	lockwasher
L	1010 0444	nut
M	1022 8963	index strip
N	1011 4122	locking strip
O	--------	See Plate II-7 for keybutton detail
P	1022 9045	cipher stop. See Plate II-17 for other styles
Q	1028 7142	spring

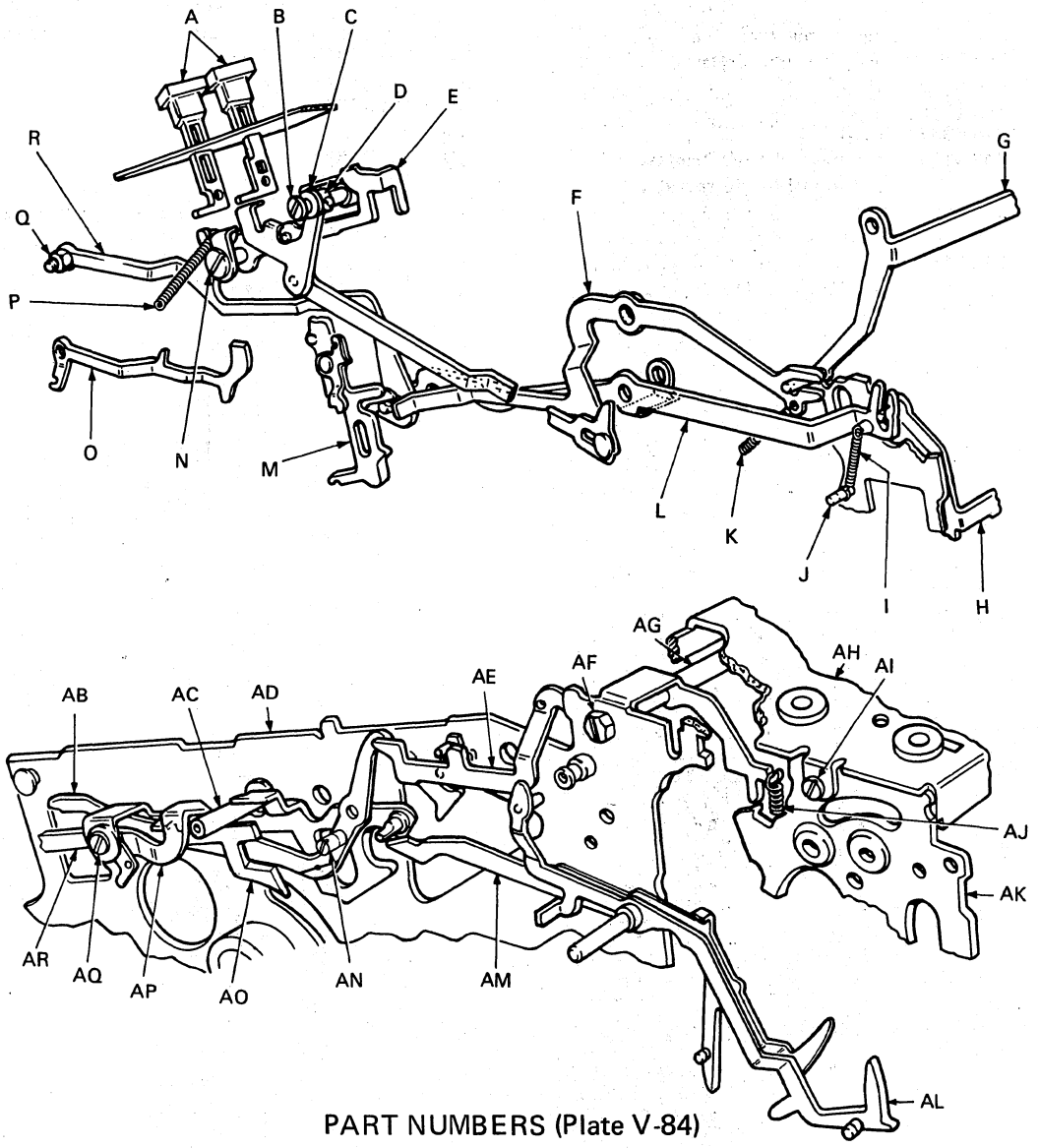
SIDE FRAMES

PART NUMBERS (Plate V-83) CONTINUED

R	1019 7762	key release slide
S	1027 3050	spring
T	1027 6921	spring
U	1022 9094	cipher stop. See Plate II-17 for other styles
V	--------	Cipher stop control bail
	1020 1028	shown, for first count col. in col. 8 of Style 10 machines
	1020 1036	for first count col. in col. 10 of Style 13 machines
	1020 1044	for first count col. in col. 11 of Style 13 machines
W	--------	Control arm
	1020 0962	for cols. 8, 10 or 11
	1020 0954	for col. 9
X	1022 9359	key release bail
Y	1023 0050	cipher limit bail
Z	1022 8583	shaft assembly
AA	1020 1010	limit stop
AB	1301 9583	screw
AC	1256 7699	lockwasher
AD	1010 0485	nut
AE	1016 2220	cipher stop shaft
AF	1011 9915	set collar, use 1011 0070 screw
AG	1032 9910	side frame, left. See Plate V-44 for other styles
AH	1020 1002	support
AI	1013 8030	screw
AJ	--------	This construction no longer used
AK	1026 9892	spring
AL	--------	This construction no longer used
AM	1027 2870	spring
AN	--------	This construction no longer used
AO	1014 7627	spring
AP	1028 8025	shoulder screw
AQ	1010 0378	nut
AR	1019 5824	break hook
AS	1019 7671	index bar support guide
AT	1022 9441	lever, use 1015 1085 eccentric nut
AU	1010 8702	hex. headed screw
AV	1021 1654	stop latch

SIDE FRAMES

AUTOMATIC COUNT CONTROLS, CLASSES 8 AND 10 MACHINES (Plate V-84)



PART NUMBERS (Plate V-84)

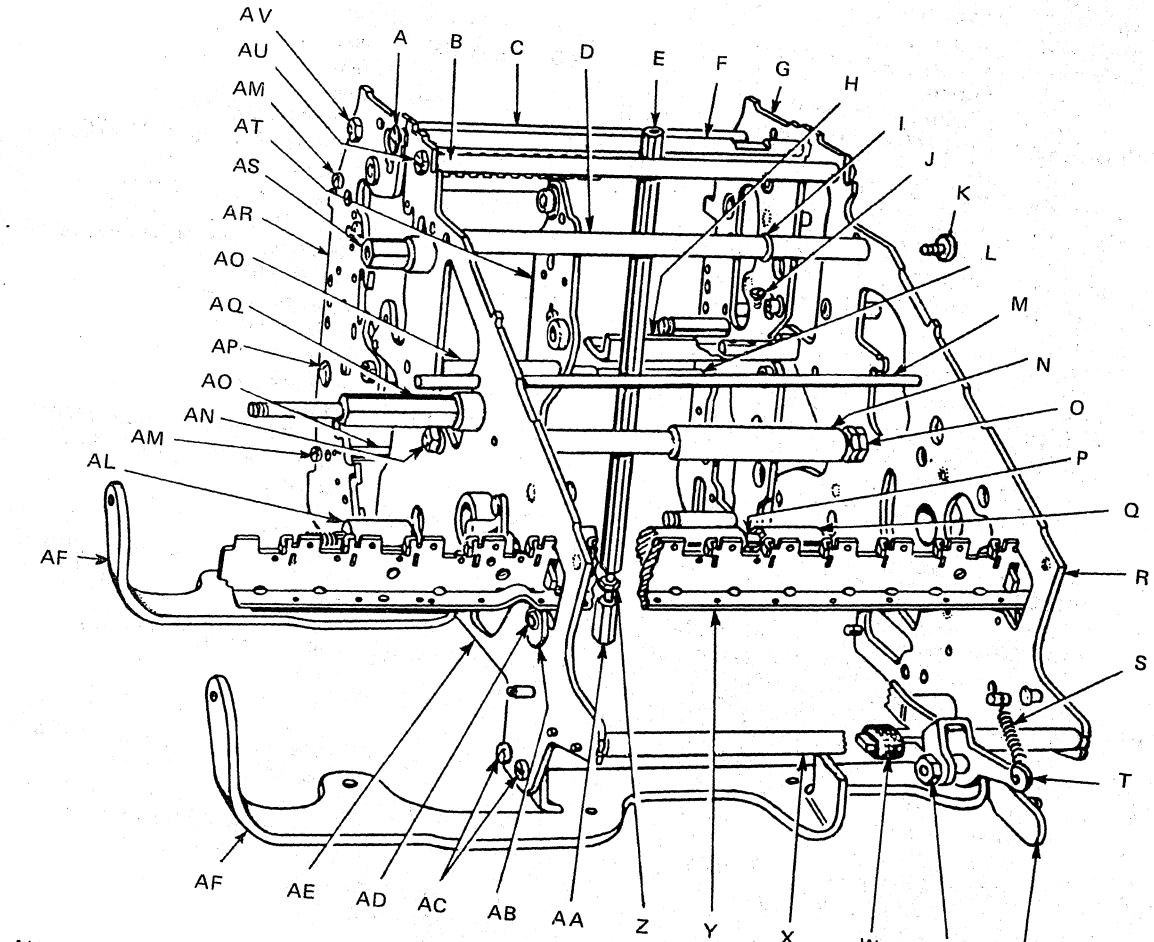
A	--------	See Plate II-7 for keybutton detail
B	1010 9023	screw
C	1012 8221	washer
D	1015 1611	set collar, use 1011 0070 screw
E	1013 5994	lever. See Plate V-49 for other styles
F	1013 5770	lever. See Plate V-57 for other styles
G	1015 0670	bail
H	1015 0621	bail
I	1026 9355	spring
J	1010 6201	spring anchor screw
K	1027 3050	spring
L	1041 0124	arm
M	--------	See Plate V-50 for motor bars
N	1010 9684	shoulder screw
O	1011 5186	lever
P	1029 2456	spring
Q	1048 2644	set collar
R	1041 0157	lever
AB	1013 4583	non-add arm. See Plate V-48 for other styles
AC	1021 2157	post, use 1010 4354 lockwasher and 1010 0337 nut

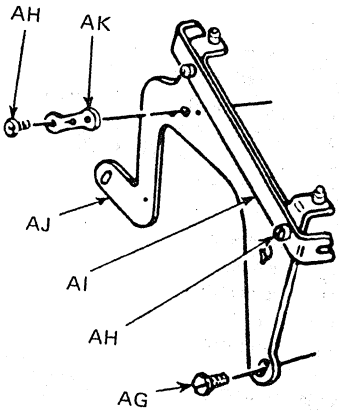
SIDE FRAMES

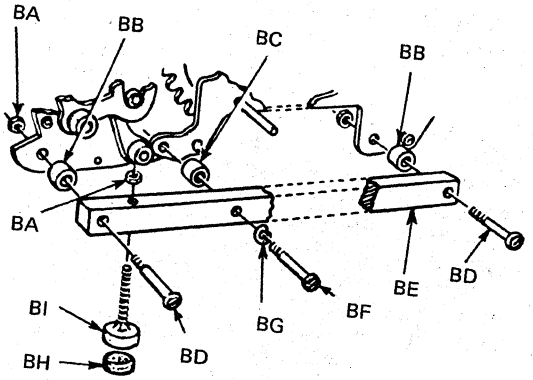
PART NUMBERS (Plate V-84) CONTINUED

AD	1040 9571	side frame, right. See Plate V-43 for other styles
AE	1015 0720	lever
AF	1010 4701	screw
AG	1014 6389	shaft
AH	1043 0189	hammer head. See Printing, Section III for other styles
AI	1013 8030	screw
AJ	1026 4216	spring
AK	1014 9151	accumulator side frame, right, see Plate IV-18 for other styles
AL	1013 5846	lever. See Plate V-57 for other styles
AM	1013 5804	lever. See Plate V-57 for other styles
AN	1013 8600	nut
AO	1013 7107	arm
AP	1019 6418	lever. See Plate V-49 for other styles
AQ	1010 5393	screw
AR	1011 5228	error arm

SIDE FRAMES, BRACES AND MOUNTS, SERIES P400 AND P600 MACHINES
(Plate V-85)







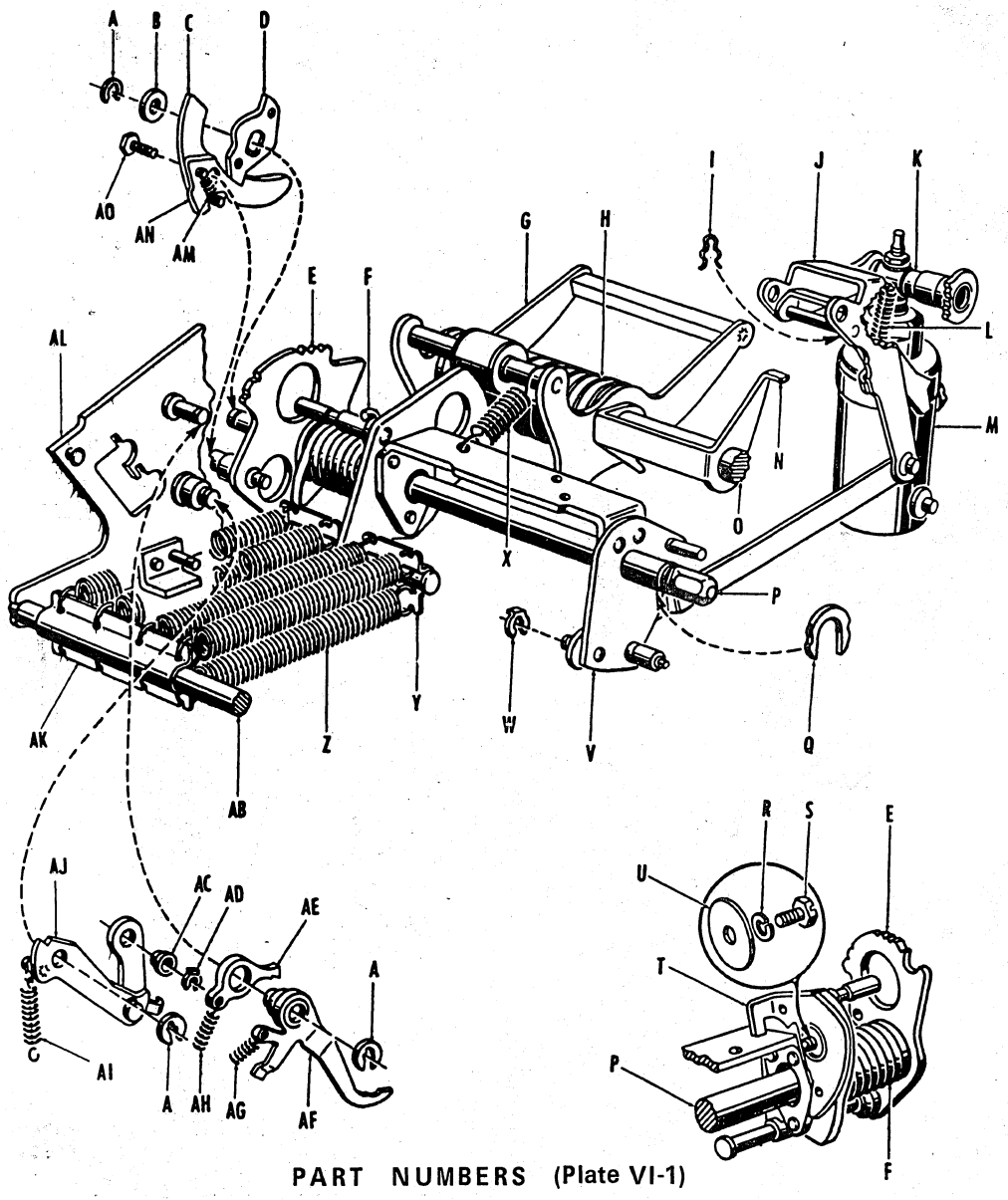
SIDE FRAMES

PART NUMBERS (Plate V-85)

A	1010 5682	screw
B	1014 6397	hammer shaft
C	1014 8039	tie shaft
D	1014 7684	tie shaft and dashpot yoke bearing
E	--------	Hammer head support
	1045 8008	SeriesP400 with red ribbon mechanism, require AA and Z
	1019 4371	SeriesP400, P5000 with red ribbon mechanism. Requires only nut 1256 5263
F	1019 4777	hammer block bail and guide comb. See Printing, Section III for other styles
G	--------	See Plate IV-18 for accumulator side frame detail
H	1015 7873	adding sector guide, upper
I	1014 6256	wire ring
J	1010 3380	screw for H
K	1012 0202	screw for D
L	1019 3951	rear tie shaft, use 1011 5772 washer
M	--------	Index bar support shaft
	1015 5745	for Series P400, P600, P5000 and P9000
	1013 9640	for Classes 8-9-10, Series P100, P200, P300, P1000, P2000 and P3000
N	1023 6602	shaft for adding sector pivot collars and reset frame
O	1010 9940	nut, use 1017 3920 bushing
P	1011 0799	shaft, use 1013 7594 screw
Q	1023 4730	mounting bail, includes sleeve as a brazed unit
R	1044 3307	side frame, right. See Plate V-43 for other styles
S	1011 3082	spring
T	1017 3433	shifter drive pawl assembly, includes W (flat cemented rubber pad)
U	1017 3417	bracket
V	1017 3854	bushing, use 1027 3324 screw
W	--------	Part shown 1011 3173 may be used to replace the flat cemented pad
	1021 2215	flat rubber limit pad for cementing to U
X	--------	base spring anchor shaft
	1013 3791	shaft shown
	1013 3817	shaft with extension on left
Y	1017 3326	index bar support guide. See Plate V-45 for other styles
Z	1010 0402	nut
AA	1015 2098	hex. adjusting post, use 1015 2106 screw
AB	1013 4237	eccentric washer
AC	1017 4035	screw, use 1256 7475 lockwasher
AD	1010 4248	screw
AE	1044 3273	side frame, left, for Series P400, P5000. See Plate V-44 for other styles
AF	--------	Tiestrap shown, no longer available
AG	1011 2662	hex. headed screw, use 1010 4354 lockwasher and 1010 0311 nut
AH	1017 2450	screw
AI	1017 3334	support bracket
AJ	1017 3342	keyboard brace, use 1020 5888 auxiliary brace to support carriage base plate. Screws for auxiliary brace, use 1011 2662 screw, 1010 4354 lockwasher and 1010 0311 nut in lower position; 1028 8793 screw, 1010 8736 washer and 1010 0402 nut in centre position: 1013 2918 screw in upper position
AK	1014 5746	plate
AL	--------	Use 1220 7585 hex. post, 1220 7031 tie shaft and 1011 2670 screw
AM	1010 9197	screw
AN	--------	Use 1010 0311 inner nut, 1010 0337 outer nut and 1010 4362 lockwasher between nuts
AO	1015 9804	tie shaft
AP	1016 1495	screw, use 1011 5772 washer
AQ	--------	Part shown, no longer available Use 1220 7478 hex. spacer post and 1220 7593 screw
AR	--------	See Plate IV-19 for accumulator side frame detail
AS	1011 2688	drive mounting post, top (rear)
AT	--------	See Plate IV-20 for accumulator centre brace
AU	1010 4701	screw
AV	1010 0402	nut
BA	1010 0311	nut
* BB	1010 8082	spacer, without red ribbon
	1017 3961	spacer, with red ribbon
* BC	1030 0846	spacer, without red ribbon
	1017 3979	spacer, with red ribbon
* BD	1030 4566	screw, without red ribbon
	1056 2429	screw, with red ribbon
* BE	1044 3893	re-inforcing bar
* BF	1030 4574	screw, without red ribbon
	1030 4293	screw, with red ribbon
* BG	1256 7475	lockwasher
* BH	1044 3810	rubber foot
* BI	1044 3711	retainer

* Refs. BB through BI — This early method of re-inforcing side frame is no longer used. Parts are therefore subject to availability.

PRIMARY, SECONDARY AND TOGGLE MECHANISMS, CLASSES 8, 9, 10
SERIES P100, P200, P300, P1000, P2000, P3000 MACHINES (Plate VI-1)



PART NUMBERS (Plate VI-1)

A **1026 7060** clip
B **1010 6615** washer
C **1011 1060** anchor plate
✓ D Drive Latch
1011 1029 hand machines
1011 1045 electric machines, 10 cols. or less
1011 1052 electric machines, 13 cols.

E See Plate VI-8 for main operating sections
F See Plate VI-15 for torsion springs
G Sector restoring frame
1015 4045 10 cols. or less
1015 4037 13 cols.
H Spacing collar for adding sectors
1014 5803 used on extreme right

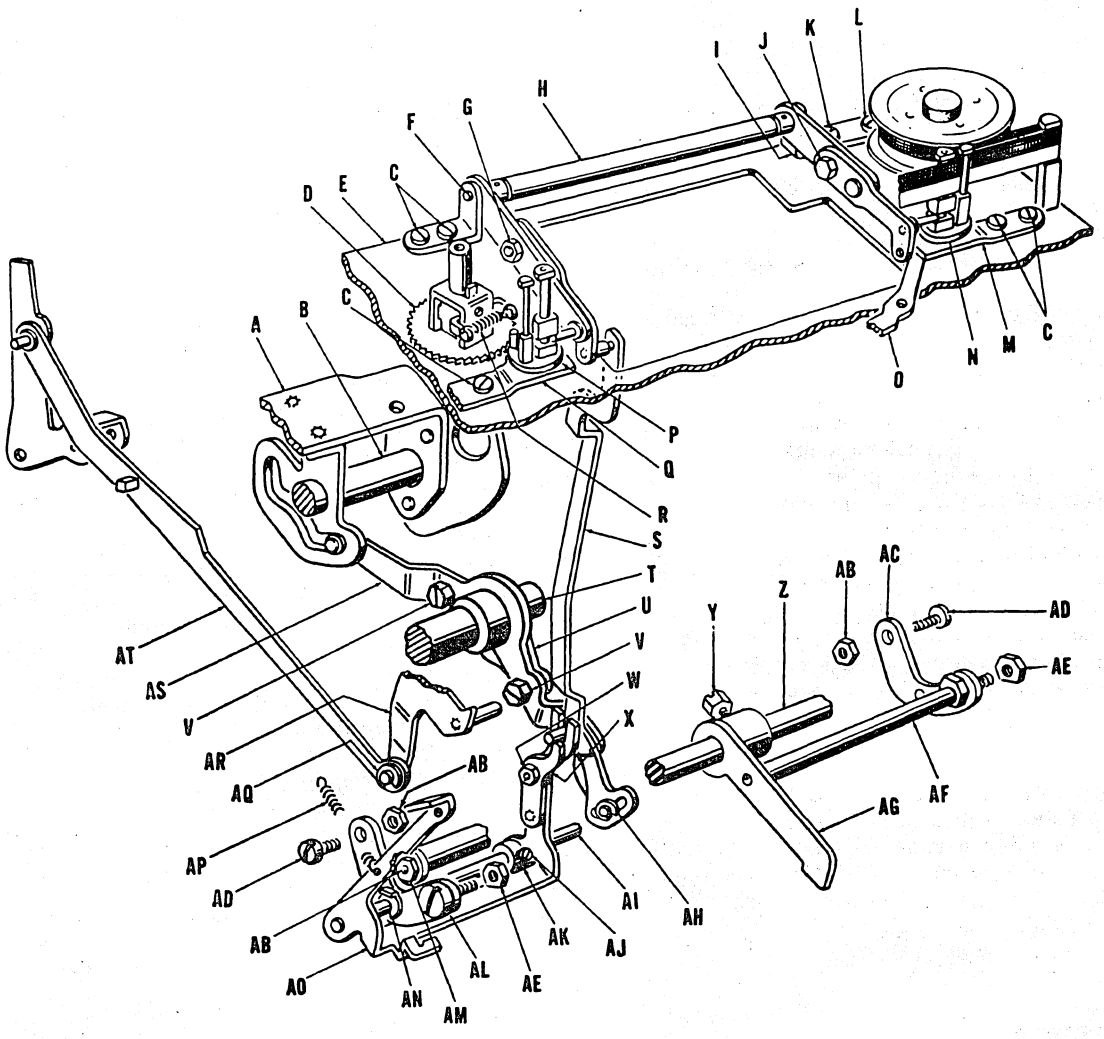
Part Numbers Continued On Next Page

Power

PART NUMBERS (Plate VI-1) - Continued

	1014 5787	regular
	1014 5795	used for extended total
	1014 5837	used for extended total last col. on left
	1014 5829	used on extreme left
I	1010 0139	wire clip
J	-- -- --	dahpot yoke, includes L
	1021 2983	classes 8,9,10,Series P1000-P2000-P3000
	1021 2991	class 8-10,Series P1000-3000 with 1/16 fractions
	1021 3031	class 9, 13 col.
K	1014 7726	dashpot hanger shaft,regular
	1014 7734	dashpot hanger shaft, machines with upper accumulator section
✓L	1014 7940	spring, regular
	1021 3080	spring, 13 col. only
M	-- -- --	assembled dashpot
	1033 5669	class 8,9,10, Series P1000-2000-3000, except 3 register machines and shuttle carriage styles
	1033 5677	class 10, 3 register machines
	1220 7510	shuttle carriage machines
	-- -- --	See Plate VI-11 for detail,and Plate VI-15 for chart of all styles
✓N	-- -- --	symbol indexing bail
	1015 4052	for class 8-9,Series P1200,P1300 and P200 with black ribbon only
	1015 4110	for Series P200,P2000 with red ribbon
	1015 4094	for class 9, 13 col.
	1013 9921	for class 10,Series P1400,P2300 and P3400
	-- -- --	Field repair consistency for 1013 9921 bail : use 1216 8217 bail, 1216 8209 retainer, 1017 2301 screw(2)
O	1013 9533	shaft, regular
	1013 9541	shaft, 13 col.
P	1011 0674	handle shaft
	1220 7007	handle shaft for 13 cols.
Q	1010 0188	clip
R	1256 7467	lockwasher
S	1010 4701	screw
✓T	1027 8471	auxiliary cam, shown.
	-- -- --	For machines with serial Number suffix (S) use 1226 2648 auxiliary cam, 1813 0153 shoulder nut, 1017 1999 eccentric, 1304 2056 screw, provided main cam has supporting stud for auxiliary cam
U	1029 3900	washer
V	-- -- --	secondary bail
	1011 0849	10 col. construction
	1011 0864	10 col. red ribbon construction
	1011 0906	13 col. construction
W	1300 1417	clip
✓X	1011 3140	spring
Y	1027 8224	spring anchor
Z	-- -- --	see Plate VI-15 for complete base spring assemblies
AB	-- -- --	shaft for base spring assembly
	1013 3783	10 col.
	1013 3791	13 col.
	1013 3809	10 col. enforced designation
	1013 3817	13 col. date repeat
	1040 8961	13 col. enforced designation
AC	1017 1965	collar
AD	1026 7094	clip
AE	-- -- --	see Plate VI-10 for Full Stroke Pawl Chart
AF	1011 1102	toggle latch
AG	1027 1989	spring
AH	1026 9868	spring for hand pawl, 1013 3114 spring for hand-electric pawl
AI	1011 3058	spring with eyelet
AJ	1011 1185	toggle
AK	1027 8240	spring anchor
	-- -- --	see Plate VI-15 for complete base spring assemblies
AL	-- --	see Sideframes Parts Catalog for sideframe details
AM	1011 3041	spring
AN	1011 1011	drive latch
✓AO	1010 8702	screw

RED RIBBON MECHANISM (EARLY) SERIES P200 (Plate VI-2)



PART NUMBERS (Plate VI-2)

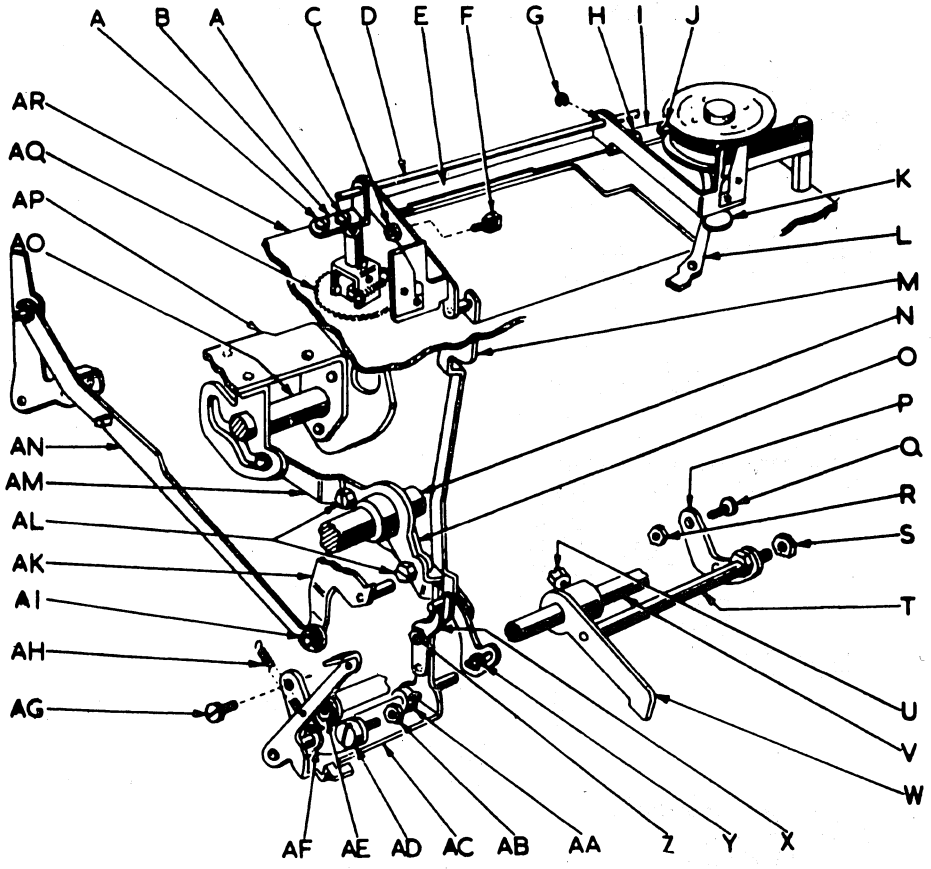
A **1011 0864** secondary bail assembly
B **1027 8042** main operating section
See Plate VI-8 for other styles
C **1027 7010** screw 3 7/8" carriage
1010 9619 screw 12 1/4" carriage
D **1012 4634** ratchet, right
1012 4618 ratchet, left
E Use 1062 5770 cge. base plate (3 7/8"), 1062 5788 (12 1/4"); see ref. H
F Change, see ref. H
G **1010 0444** nut
H Use 1062 5754 ribbon lift bail 3 7/8" carriage)
1062 5762 ribbon lift bail (12 1/4" carriage)
1061 9807 bracket, right, 1062 5796 bracket, left
1061 9849 shaft, 1255 3129 clips (2) and carriage base plate, see ref. E, before P467259D and P327230S.
1062 5754 ribbon lift bail (3 7/8" carriage)
1062 5762 ribbon lift bail (12 1/4" carriage), after P467258D and P327229S
I Change see ref. H

Part Numbers Continued on Next Page

PART NUMBERS (Plate VI-2) - Continued

J	**1017 9901**	eccentric screw, use 1256 7699 lockwasher
K	**1010 7290**	screw
L	**1010 6839**	screw
M	Change, as ref. H	
N	Change, as ref. H	
O	**1012 4808**	ribbon feed arms (3 7/8")
	1012 4790	ribbon feed arms (12 1/4")
P	Change, as ref. H	
Q	Change, as ref. H	
R	**1044 2960**	spring
S	**1012 8635**	lifting link
T	**1013 9533**	shaft
U	Retainer	
	1034 2749	before P318414D and P327230S
	1023 4813	after P318413D and P327229S, use 1023 8558 nuts (2)
V	Screw	
	1034 4778	before P318414D and P327230S
	1023 8574	after P318413D and P327229S, use 1023 8558 nut
W	**1010 0378**	nut
X	**1015 2973**	adjustable limit
Y	**1010 8649**	screw
Z	**1010 0781**	shaft
AB	**1010 0360**	nut
AC	**1013 4484**	shaft bracket
AD	**1303 1364**	screw
AE	**1010 0311**	nut
AF	**1013 8444**	eccentric shaft
AG	Support Plate	
	1013 4104	Series P200
	1013 4070	Class 8,9,10 10 col.
	1013 4088	Class 9, 13 col.
AH	**1300 1417**	clip
AI	**1013 3833**	shaft
AJ	**1017 1387**	screw
AK	**1015 4920**	set collar, includes AJ
AL	**1011 2902**	screw
AM	**1010 4982**	washer
AN	**1010 0220**	clip
AO	**1015 2999**	lifter control bail
AP	**1026 9892**	spring
AQ	**1010 0220**	clip
AR	**1019 7424**	rocker arm
AS	**1023 4557**	lift operating arm
AT	**1015 3013**	subtract arm

RED RIBBON LIFT MECHANISM (LATE) SERIES P2200 (Plate VI-3)



PART NUMBERS (Plate VI-3)

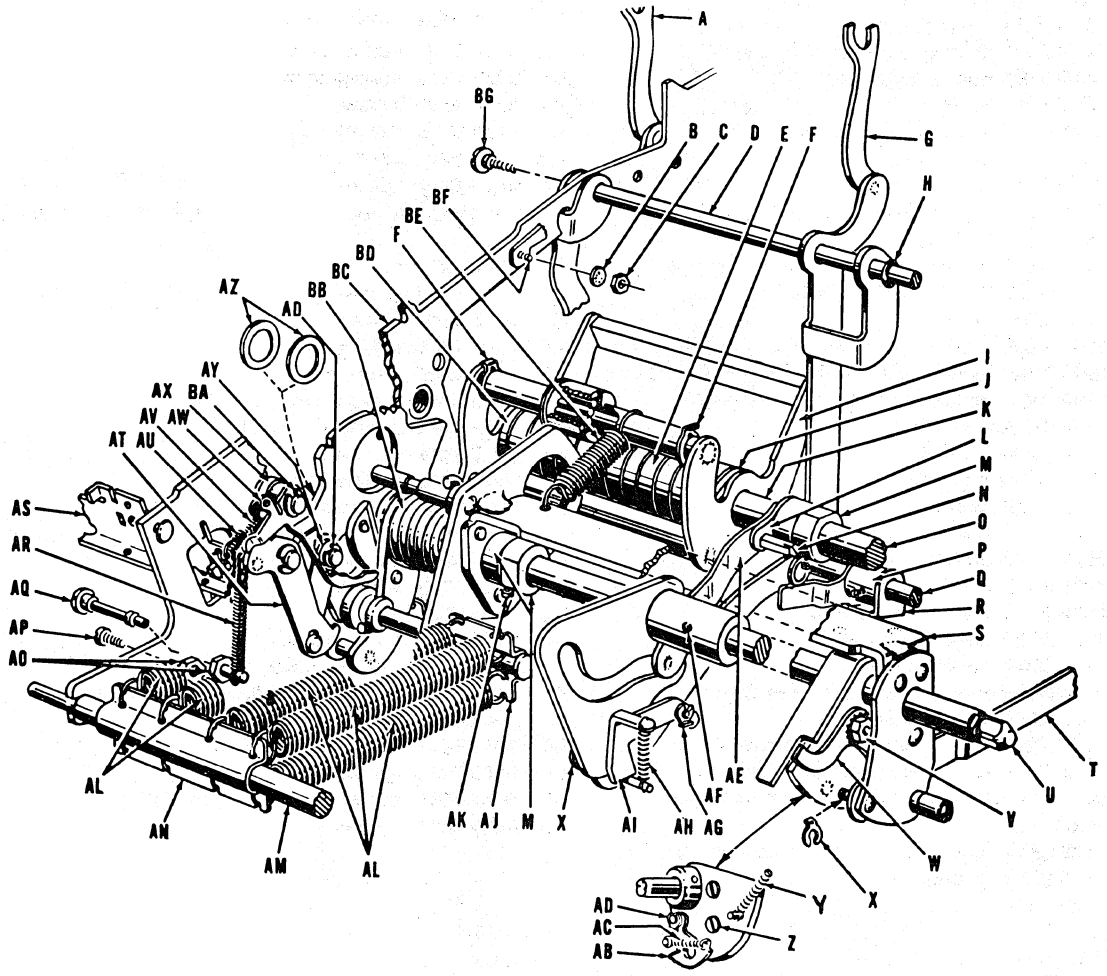
A	**1027 7010**	screw
B	**1061 9807**	bracket, right
C	**1010 0444**	nut
D	**1061 9849**	shaft
E	**1062 5754**	lifter NA2 carriage
	1062 5762	lifter W2, W2(S) aarriage
F	**1017 9901**	eccentric screw
G	**1255 3129**	clip
H	**1300 6788**	screw
I	**1062 5796**	bracket, left
J	**1010 6839**	screw
K	**1062 0094**	button stud
L	**1012 4808**	ribbon feed arm - NA2 carriage
	1012 4790	ribbon feed arm - W2, W2(S) carriage
M	**1012 8635**	lifting link
N	**1013 9533**	sector shaft
O	**1023 4813**	retainer, use 1023 8558 nuts
P	**1013 4484**	shaft bracket
Q	**1303 1364**	screw
R	**1010 0360**	nut
S	**1010 0311**	nut
T	**1013 8444**	eccentric shaft
U	**1010 8694**	screw
V	**1010 0781**	shaft
W	Support plate	
	1013 4104	Series P2200
	1013 4070	Series P1000 - P3000
	1013 4088	Class9-13 col.
X	**1015 2973**	adjustable limit
Y	**1300 1417**	clip
Z	**1010 0378**	nut
AA	**1015 4920**	set collar, includes
	1017 1387	screw
AB	**1010 0311**	nut
AC	**1015 2999**	control bail

Part Numbers Continued On Next Page

PART NUMBERS (Plate VI-3) - Continued

AD **1011 2902** screw
AE **1010 0311** nut, use 1010 4982 washer
AF **1010 0220** clip
AG **1303 1364** screw, use 1010 0360 nut
AH **1026 9892** spring
AI **1010 0220** clip
AK **1019 7424** rocker arm
AL **1023 8574** screw
AM **1023 4557** drive arm
AN **1015 3013** subtract arm
AO **1027 8042** main operating section
AP **1011 0864** secondary bail
AQ **1012 4634** ratchet, right
1012 4618 ratchet, left
AR Carriage base plate
1054 0888 NA2 carriage
1220 5084 W2 carriage
1220 5118 W2(S) carriage

PRIMARY, SECONDARY AND TOGGLE MECHANISM, SERIES P600, P5000 AND P9000 (Plate VI-4)



PART NUMBERS (Plate VI-4)

A **1021 3155** power arm, left
B **1257 4273** lockwasher
C **1010 0378** nut
D **1014 7684** dashpot yoke shaft
E **1014 5787** sector collar
F **1255 3178** clip

Part Numbers Continued On Next Page

PART NUMBERS (Plate VI-4) - Continued

G Use 1021 3189 power arm right
1019 7622 lift arm assembly
1033 0397 tie strip for side frames
1019 7895 sensing bail
1020 2422 friction slide
1020 2430 latch
1021 1506 handle shaft assembly
(or use appropriate complete main operating assembly - See Plate VI-8)
1021 2959 dashpot hanger shaft
1023 4789 ribbon lift arm, right
1024 7054 screw post
1024 8011 friction washer (2required)
1010 0386 nut (2 required)
1030 6298 washer
1035 0833 compression spring
1044 1889 shoulder screw
1255 3152 clip
1256 5263 nut (on machines before P361831D and P169980S)
1021 3189 power arm, right (on machines after P361830D and P169979S)

H **1014 6256** wire ring

I **1015 5729** restoring frame
1015 5000 needle bearing for large roller, 12 req.

J **1014 5803** spacing collar, extreme right

K Change, see ref. G

L Change, see ref. G

M Change, see ref. G

N **1030 1760** screw

O **1023 6602** adding sector shaft

P **1067 8126** set collar, use 1010 8967 screw

Q **1011 0773** drive trip shaft

R **1016 2170** red ribbon release arm

S **1016 2006** secondary bail

T **1021 3007** dashpot yoke

U Change, see ref. G, for machines before P361831D and P169980S
1021 1506 handle shaft only assembly for machines after P361830D and P169979S
See Plate VI-8 for complete main operating sections

V **1010 0311** nut, use 1010 4370 lockwasher

W **1016 2030** support arm

X **1300 1417** clip

Y **1012 0343** spring

Z **1011 2902** screw

AB **1011 1508** trip timer

AC **1027 7705** spring

AD **1010 0220** clip

AE Change, see ref. G

AF **1010 3976** pin

AG **1010 0220** clip

AH **1026 9769** spring

AI Red ribbon release pawl
1045 7778 before P198166D and P55843S
1044 4032 after P198165D and P55842S
1030 3535 repair stud for limit of pawl

AJ **1027 8224** spring anchor

AK **1010 3919** screw

AL **1011 3066** spring

AM **1013 3817** shaft

AN **1027 8240** spring anchor
For complete assembled base springs, see Plate VI-15

AO **1010 0311** nut

AP **1013 8030** screw

AQ **1012 0244** screw

AR **1011 3058** spring includes eyelet

AS **1017 3326** index bar guide

AT **1011 1185** toggle, use 1026 7060 clip

AU **1027 1989** spring for latch

AV **1013 3114** spring for pawl

AW **1011 1102** toggle latch

AX **1013 4930** full stroke pawl
See Plate VI-10 for other styles

AY **1017 1965** collar

AZ **1027 2763** washer

BA **1026 7060** clip

BB **1011 3017** torsion spring
See Plate VI-15 for other styles

BC See side frame Parts Catalog for side frame details

BD **1014 5829** spacing collar, extreme left

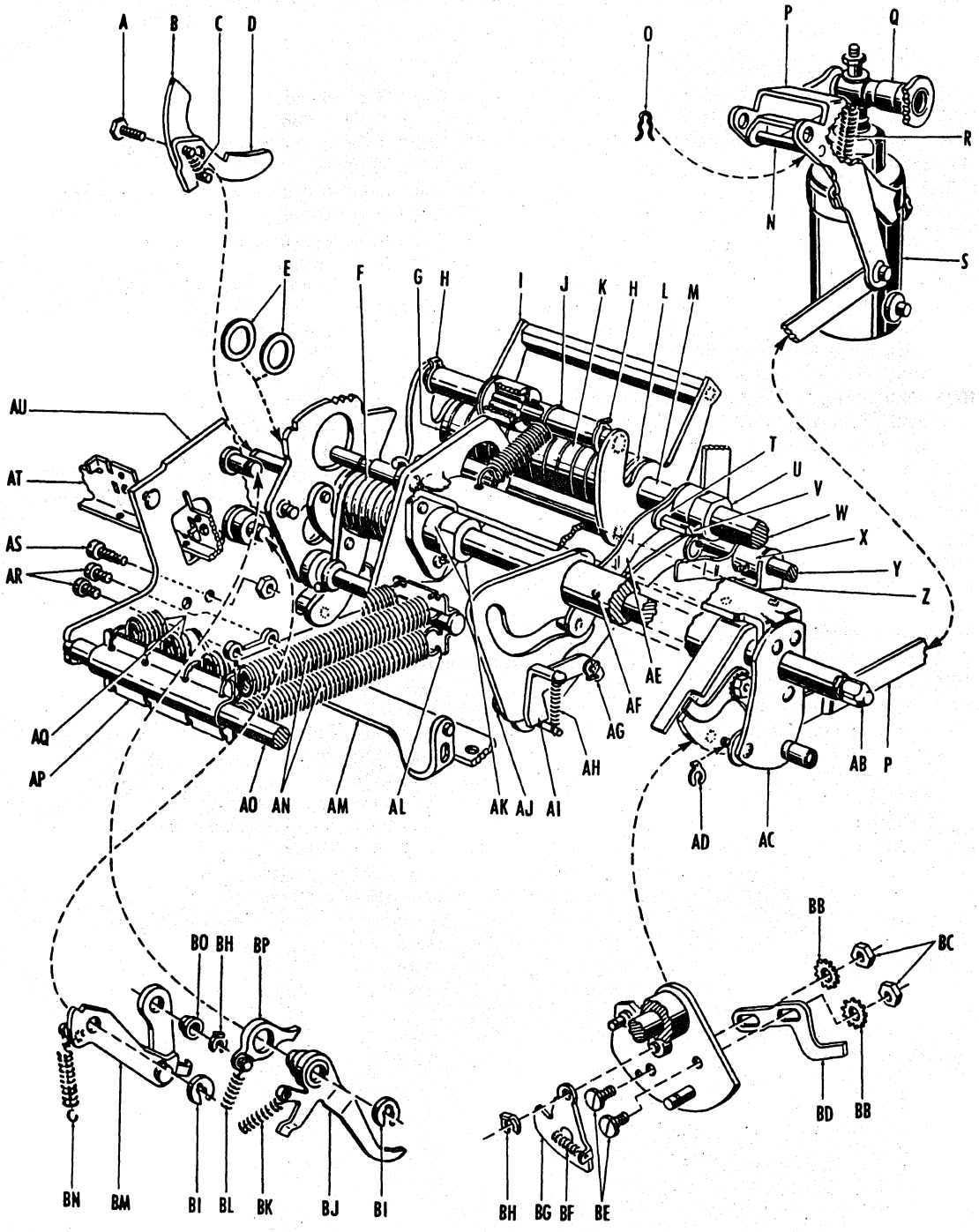
BE **1010 3140** spring

BF **1010 3380** screw

BG **1018 0271** screw

Power

PRIMARY, SECONDARY AND TOGGLE MECHANISMS, SERIES P400 AND P5000 (Plate VI-5)



PART NUMBERS (Plate VI-5)

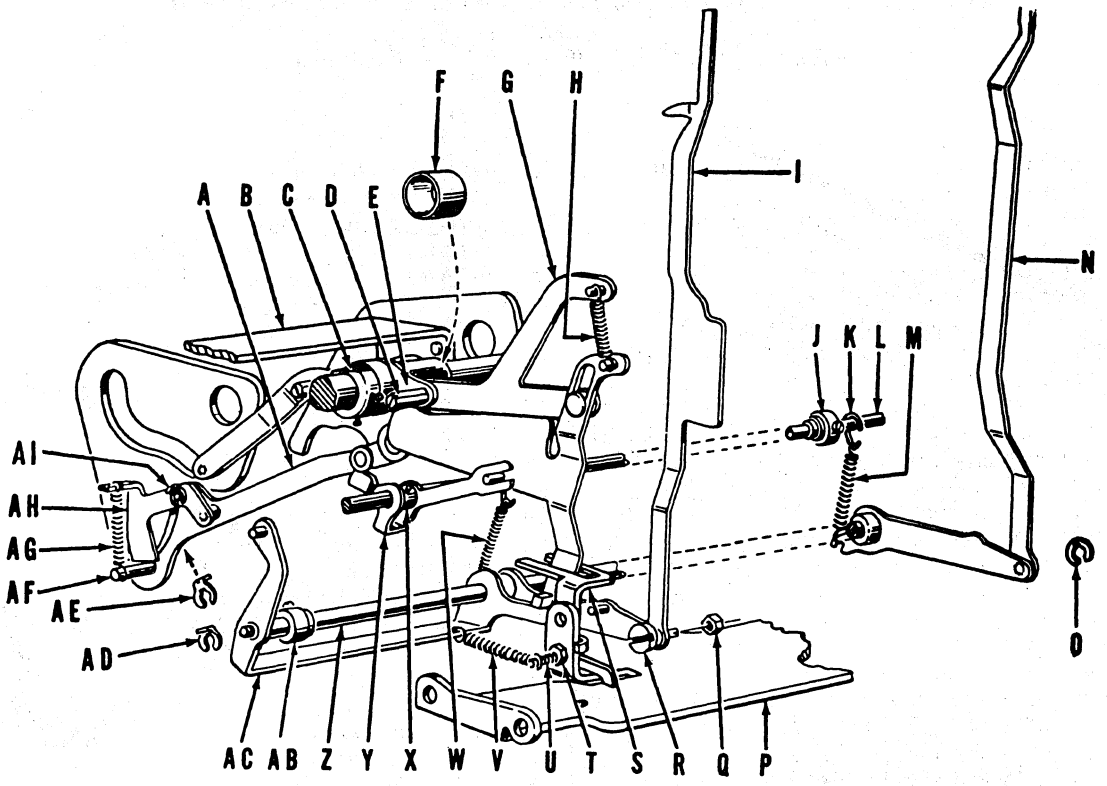
A **1018 8702** screw
B **1016 2089** anchor plate
C **1011 3041** spring
D **1016 2071** operating latch
E **1027 2763** washer
F **1011 3017** torsion spring
See Plate VI-15 for other styles
G **1014 5829** spacing collar, extreme left

Part Numbers Continued on Next Page

PART NUMBERS (Plate VI-5) - Continued

H **1255 3178** clip
I **1015 5729** restoring frame
1015 5000 needle bearings for large roller, 12 required
J **1010 3140** spring
K **1014 5787** sector collar
L **1014 5803** spacing collar, extreme right
M Change, see ref. G, Plate VI-4
N **1014 7908** shaft
O **1010 0139** wire clip
P **1021 3007** dashpot yoke
Q **1021 2959** dashpot hanger shaft
R **1014 7940** spring, regular
1021 3080 spring, stronger, coloured red
S **1033 5685** assembled dashpot
See Plate VI-15 for other styles
See Plate VI-12 for detail
T Change, see ref. G, Plate VI-14
U **1027 6459** set collar, use 1010 3919 set screw
V **1030 1760** screw
W **1023 6602** adding sector shaft
X **1067 8126** set collar, use 1010 8967 screw
Y **1011 0773** drive trip shaft
Z **1016 2170** red ribbon release arm
AB See ref. G, Plate VI-4
1021 1506 handle shaft only assembly after P361830D and P169979S
See Plate VI-8 for complete main operating assembly and other styles
AC **1016 2006** seconday bail
AD **1300 1417** clip
AE Change, see fef. G, Plate VI-4
AF **1010 3976** pin
AG **1010 0220** clip
AH **1026 9769** spring
AI Red ribbon release pawl
1045 7778 before P198166D and P55843S
1044 4032 after P198165D and P55842S
AJ **1300 1417** clip
AK **1027 6459** set collar, use 1010 3919 set screw
AL **1027 8224** spring anchor
AM **1033 0397** tie strip, front and rear
AN **1046 2497** spring
AO **1013 3791** shaft
AP **1027 8240** spring anchor
For complete assembled base springs, see Plate VI-15
AQ **1028 2010** spring
AR **1013 8030** screw
AS **1013 8121** screw, use
1010 0311 nut
AT **1017 3326** index bar guide
AU See Side frames Parts Catalog for side frame details
BB **1010 4370** lockwasher
BC **1010 0311** nut
BD **1016 2030** support arm
BE **1011 2902** screw
BF **1027 7705** spring
BG **1011 1508** trip timer
BH **1026 7060** clip
BI **1010 0220** clip
BJ **1011 1102** toggle latch
BK **1027 1989** spring
BL **1013 3114** spring
BM **1011 1185** toggle
BN **1011 3058** spring, includes eyelet
BO **1017 1965** collar
BP **1013 4930** full stroke pawl
See Plate VI-10 for other styles

RED RIBBON LIFT MECHANISM (EARLY) SERIES P400 AND P600 (Plate VI-6)

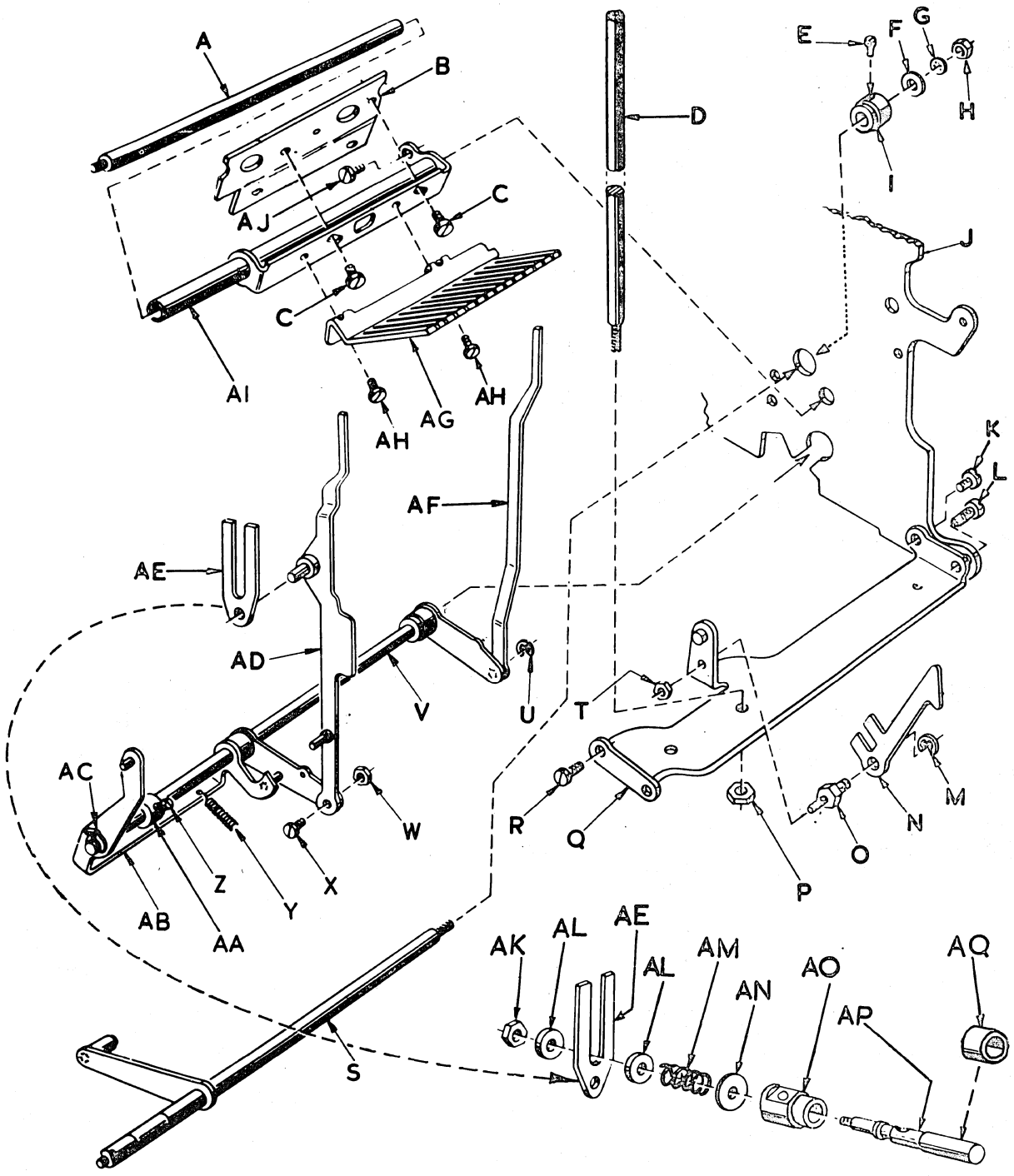


PART NUMBERS (Plate VI-6)

A Change see ref. G, Plate VI-4
B **1016 2006** secondary bail
See Plate VI-9 for other styles
C Change, see ref. G, Plate VI-4
D **1030 1760** screw
E Change, see ref. G, Plate VI-4
F Change, see ref. G, Plate VI-4
G Change, see ref. G, Plate VI-4
H **1029 3264** spring
I **1015 7931** ribbon lift arm
J **1061 8031** set collar, includes set screw
K **1026 6252** clip
L **1011 0773** drive trip shaft
M **1027 6582** spring
N **1015 7923** ribbon lift arm
O **1010 0154** clip
P **1044 3316** tie strap, shown
1033 0397 tie strap when late style red ribbon mechanism, Plate VI-7 is used
Q **1010 0360** nut
R **1030 4251** eccentric limit screw
S **1017 3771** guide
T **1010 0378** nut
U **1010 7142** screw
V **1027 6921** spring
W **1027 6582** spring, use 1026 6252 clip
X **1067 8126** set collar, use 1010 8967 screw
Y **1016 2170** red ribbon release arm
Z **1019 7622** lift shaft assembly
AB **1017 5313** set collar, use 1010 7183 screw
AC Change, see ref. G, Plate VI-4
AD **1010 0238** clip
AE **1300 1417** clip
AF **1030 3535** repair stud
AG **1026 9769** spring
AH Red ribbon release pawl
1045 7778 before P198166D and P55843S
1044 4032 after P198165D and P55842S
AI **1010 0220** clip

Power

RED RIBBON LIFT MECHANISM (LATE) SERIES P400, P600, P5000 AND P9000 (Plate VI-7)



Part Numbers On Next Page

PART NUMBERS (Plate VI-7)

A	1220 7031	shaft
B	1015 7956	adjustable limit plate
C	1301 9542	screw
D	1019 4371	support shaft
E	1010 8967	screw
F	1010 4164	washer
G	1256 7715	lockwasher
H	1010 0386	nut
I	1021 2124	set collar
J	See Sideframe Parts Catalog	
K	1013 8030	screw
L	1017 4035	screw, use 1256 7475 lockwasher
M	1010 0154	clip
N	1020 2430	latch
O	1024 7054	screw post
P	1256 5263	nut
✓Q	1019 7648	tie strip
R	1013 8030	screw
✓S	1011 0773	drive trip post
T	1010 0386	nut
U	1010 0154	clip
✓V	1029 9469	lift shaft
W	1010 0386	nut
✓X	1026 3226	screw
Y	1027 6921	spring
Z	1010 7183	screw
AA	1017 5313	set collar, includes Z
AB	1019 7895	indexing bail
AC	1010 0238	clip
AD	1023 4789	ribbon lift arm, right
AE	1020 2422	friction slide
AF	1023 4797	ribbon lift arm, left
✓AG	1015 7899	comb
AH	1010 4818	screw
AI	1023 4730	mounting bail and tube
AJ	1010 4248	screw
AK	1256 5263	nut
AL	1024 8011	friction washer
AM	1035 0833	compression spring
AN	1030 6298	washer
AO	1017 5263	spacer and bearing
AP	1021 2959	dashpot hanger shaft
AQ	1017 5271	spacer

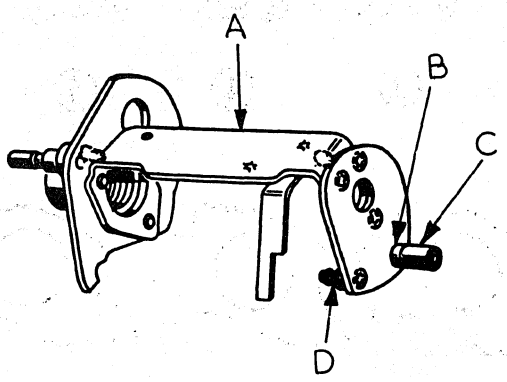
COMPLETE MAIN OPERATING SECTION CHART (Plate VI-8)

Note : The information contained in the following chart will help in the ordering of a replacement main operating section.

Description	Part Numbers
Class 8,9,10 hand machines, early construction	1027 8018
Class 8,9,10 electric machines, with compensating mechanism	1027 7978
Class 8,9,10, Series P1200, P1300, P1400 hand machines	1027 8307
Class 9 hand machines, 13 col. construction	1220 7015
Class 8,9,10, Series P1200, P1300, P1400 electric machines	1027 7986
Class 9 electric machines 13 col. construction	1027 8026
For style 1010301 thru 1010386 teller machines	1027 7994
Series P100, P300, P2100, P2300 machines	1027 8034
Series P200, P2000 machines, with red ribbon	1027 8042
Series P110, P310, P2110, P2310 machines, shuttle carriage	1220 6991
Series P210, P2210 machines, shuttle carriage	1220 6983
Series P3000 cash machines, hand operated	1027 8307
Series P3000 cash machines, electric	1027 7994
Series P400, P600, P5000 and P9000 machines, single register construction	1067 9365
Series P400, P600, P5000 and P9000 machines, double register construction	1049 2015
Series P400 and P5000 machines, with number, or split count and normal feature	1049 2015
Series P460 and P5328-10 machines, shuttle carriage, single register	1215 7707 1215 6097
Series P410, P5525-10, P420 and P5528-10 machines, double register	1049 2015
Series P600 and P9000 machines, three register construction	

Power

SECONDARY BAIL DETAIL (Plate VI-9)

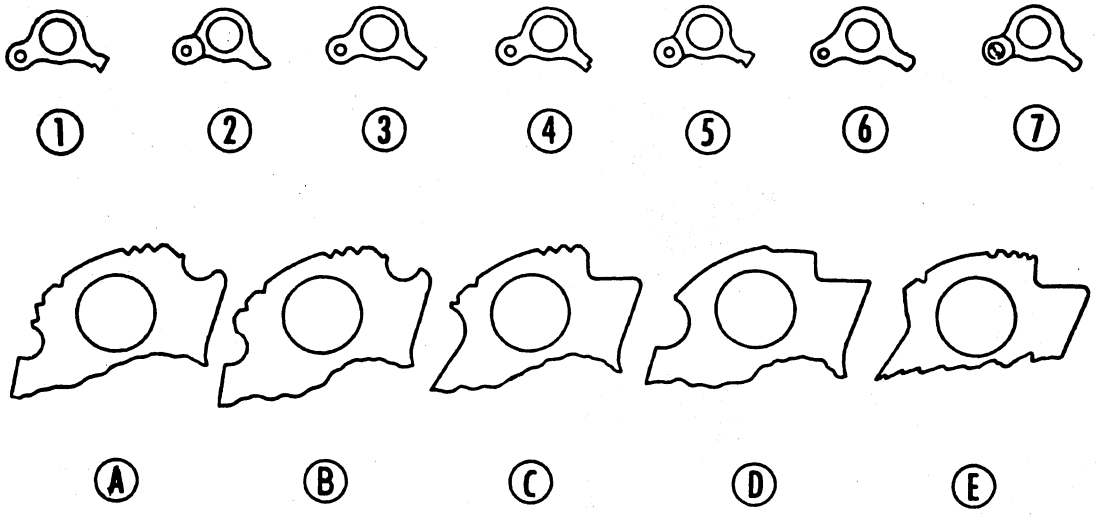


PART NUMBERS (Plate VI-9)

A Secondary bail
1011 0849 10 col. construction - no red ribbon
1011 0864 10 col. construction - red ribbon
1010 0906 13 col. construction
1016 2006 Series P400, P600, P5000 and P9000
B Stud post for roller
1021 2140 for all Styles except Series P400 and P600 - for riveting only
1017 7285 for Series P400, P600, P5000 and P9000 - for riveting only
Field repair consistency for Series P400, P600, P5000 and P9000
1218 7506 stud post with threaded end for nut
1010 4446 washer, for stud D, fit between secondary plate and dashpot arm
1017 5255 washer for stud D, fit outside of dashpot arm
1300 1490 clip for stud D
1010 0337 nut for threaded end of repair stud
C **1010 2225** roller, for all styles except P400 and P600
1017 5289 roller, for Series P400, P600, P5000 and P9000
1011 3009 wire clip for retaining roller
D **1023 7006** stud post - for riveting only

Power

FULL STROKE PAWL CHART (Plate VI-10)

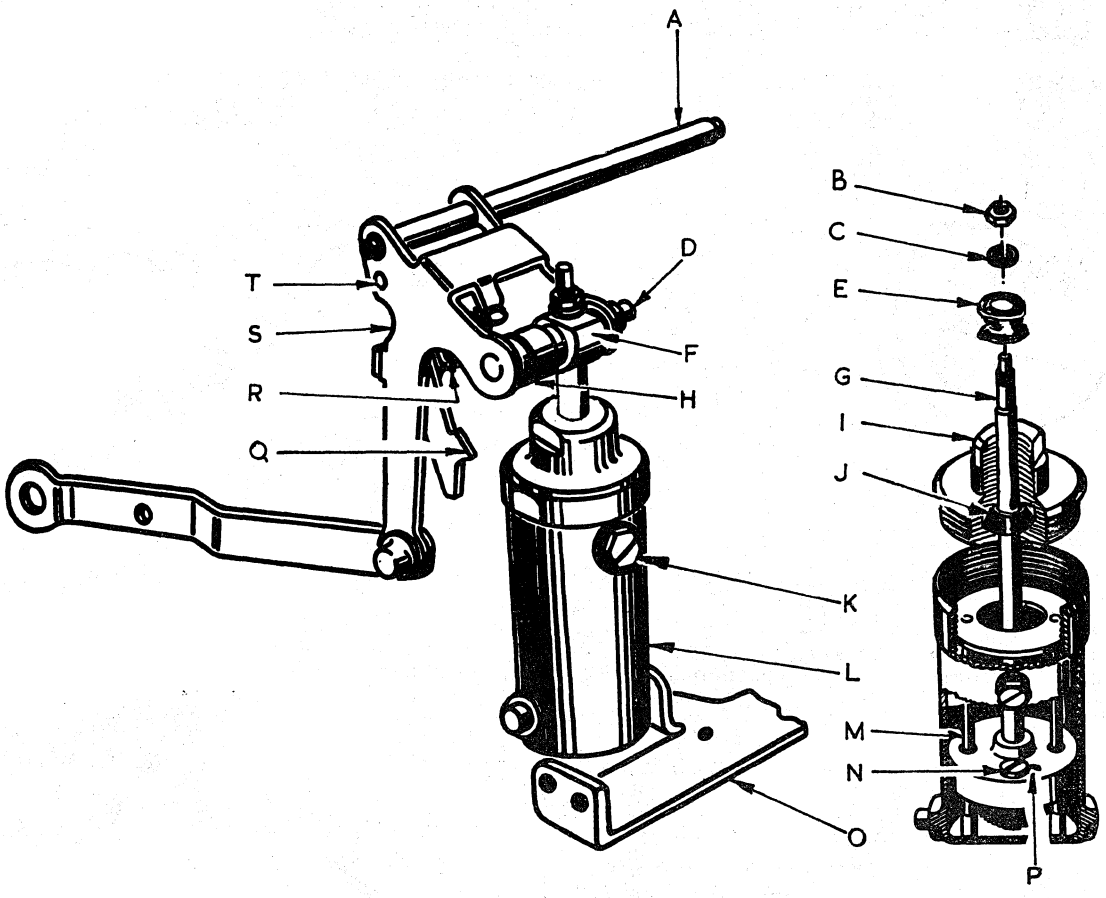


PART NUMBERS (Plate VI-10)

Note : The following chart and illustrations will convey a better understanding as to the proper use of the various pawls.

Ref.	Description	Part Numbers
1	Required for Class 8,9,10, Series P1200, P1300, P1400 and P3000 hand operated machines, equipped with segment "C". Use spring 1026 9868	**1013 4914**
2	Required for Class 8,9,10, Series P1200, P1300, P1400 P3000, P100, P200, P300, P2100, P2200, P2300, P400, P600, P5000 and P9000 hand - electric machines, equipped with segments "A", "AD" and "E", use spring 1013 3114.	**1013 4930**
3	Required for repairs on machines equipped with segments "A" or "B". Use spring 1026 9868.	**1041 0017**
4 & 5	Discard, use pawl "2".	
6	For use on all "Hand" machines to assure safe hold on segments with shallow notches. Use spring 1026 9868	**1041 0009**
7	For use on all "Hand-Electric" machines to assure safe hold on segments with shallow notches. Use spring 1013 3114.	**1044 3992**

DASHPOT ASSEMBLY DETAIL, CLASSES 8-9-10, SERIES P1200, P1300, P1400, P100, P2000, P300 P2000, P300 (Plate VI-11)



PART NUMBERS (Plate VI-11)

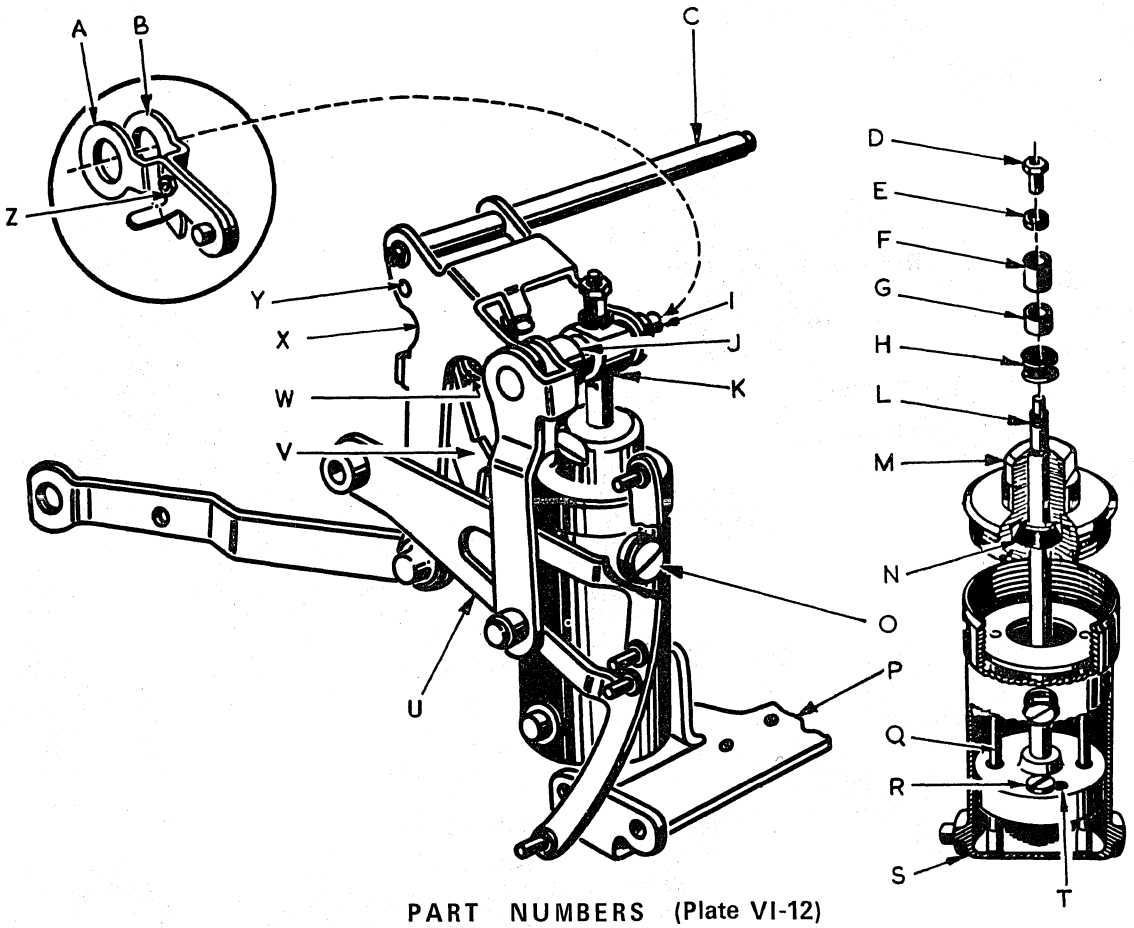
A **1014 7692** shaft
1014 7684 shaft, 13 col. construction, includes wire ring 1014 6256
B **1010 0402** nut
C **1014 5357** spring washer
D **1014 7726** dashpot hanger shaft
1014 7734 shaft for machines with upper register
E **1014 7973** rubber grommet, not required when dashpot head is fitted with block V oilseal, ref. J
F **1014 7767** spacer and bearing
G **1014 7718** plunger and shaft, regular
1220 7536 plunger and shaft for shuttle carriage dashpot, see ref. L
H **1014 7825** spacer
I **1021 3064** dashpot cap, requires V oilseal, ref. J
J **1021 3098** block V oilseal
K **1021 3072** screw, use 1029 5137 gasket
L Complete assembled dashpot
1033 5669 except for 3 register and shuttle machines
1033 5677 3 register machines
1220 7510 shuttle carriage machines
M **1014 7817** plunger guide
N **1010 6839** screw
O **1013 4039** tie strap, 10 col.
1013 4059 tie strap, 13 col.
P **1014 7676** ball bearing

Part Numbers Continued On Next Page

PART NUMBERS (Plate VI-11) - Continued

Q **1014 7775** arm
R **1014 7940** spring, 10 cols. or less
1021 3081 spring, 13 cols.
S Dashpot yoke, includes Q, R and T
1021 2983 regular 10 cols.
1021 2991 1/16 fractions, 10 cols.
1021 3031 13 cols.
T **1014 7908** shaft, use 1010 0139 clip

DASHPOT ASSEMBLY DETAIL, SERIES P400, P600, P5000 AND P9000 (Plate VI-12)



PART NUMBERS (Plate VI-12)

A **1015 9693** power yoke arm
B **1015 9655** power yoke arm
C **1014 7684** shaft
D **1013 0938** shoulder nut
E **1256 7459** lockwasher
F **1061 2166** spacer, not required when dashpot is fitted with block V oilseal, ref N.
G **1014 6033** spacer, see note, ref. F
H **1014 7973** rubber grommet, see note, ref. F
I **1021 2959** dashpot hanger shaft
See Plate VI-14 for other styles
For ribbon drive parts, see Plate VI-7, ref. AK, AL, AE, AM and AN
J **1017 5271** collar
K **1017 5263** spacer and bearing
L Dashpot plunger shaft
1015 9622 regular
1215 6709 for shuttle machines
M **1021 3064** dashpot cap, requires block V oilseal ref. N
N **1021 3098** block V oilseal
O **1021 3072** screw, use 1029 5137 gasket
P **1033 0397** tie strip, front and rear
Q **1014 7817** plunger guide
R **1010 6839** screw
S Complete assembled dashpot

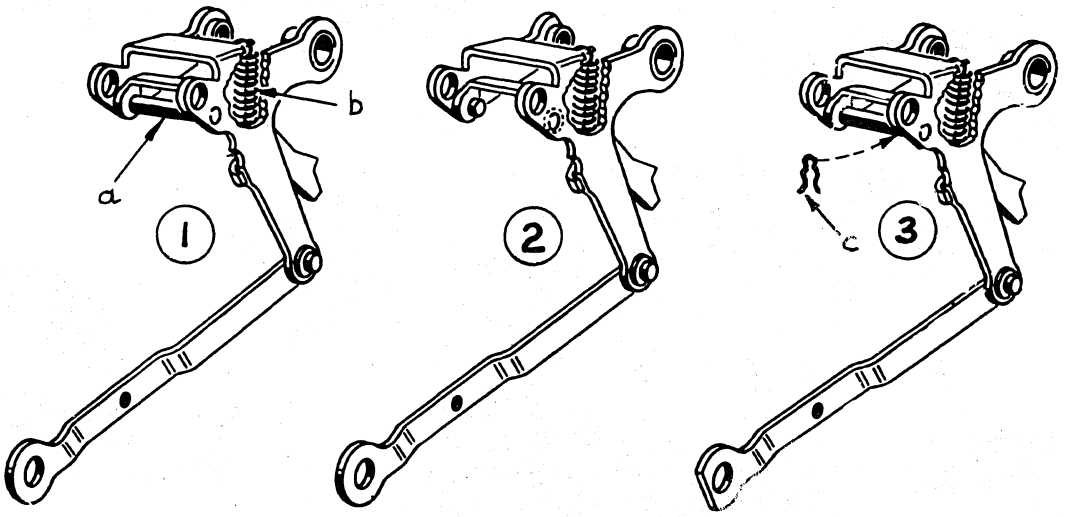
Part Numbers Continued On Next Page

Power

PART NUMBERS (Plate VI-12) - Continued

	1033 5685	regular
	1218 7076	shuttle machines only
T	**1014 7676**	ball bearing
U	**1017 3243**	meshing control arm
V	**1014 7775**	arm
W	**1014 7940**	spring, regular
	1021 3081	stronger spring, coloured red, may be fitted to ensure function of aligning shaft
X	**1021 3007**	dashpot yoke, includes W See Plate VI-13 for other styles
Y	**1014 7908**	shaft
Z	**1010 0360**	nut, use 1010 3380 screw

DASHPOT YOKE CHART (Plate VI-13)

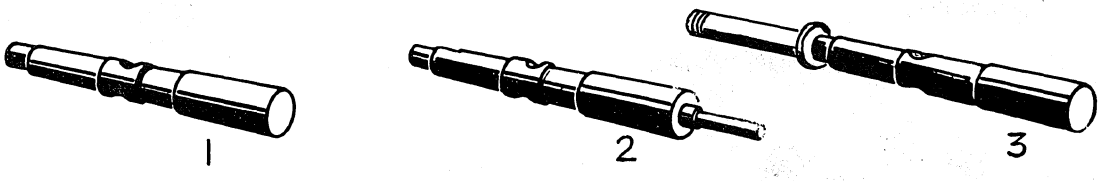


PART NUMBERS (Plate VI-13)

Ref.	Description	Part Number
1	Classes 8,9,10, Series P1200, P1300, P1400, P100, P2000 P3000 machines	**1021 2983**
	Class 9, 13 column construction	**1021 3031**
2	Class 8-10, Series P1200, P1400 with 1/16 fraction 1 and 2	**1021 2991**
3	Series P400, P600, P700, P5000 and P9000 machines	**1021 3007**
(a)	Shaft	**1014 7908**
(b)	Spring, regular	**1014 7940**
	Spring, coloured red, for 13 column construction only Class 9	**1021 3081**
(c)	Clip	**1010 0139**

Power

DASHPOT HANGER SHAFT CHART (Plate VI-14)



PART NUMBERS (Plate VI-14)

Ref.	Description	Part Number
1	Classes 8-9, Series P1200, P1300, P100, P200, P2100, P2200 machines	**1014 7726**
2	Class 10, Series P1400, P300, P2300, P3000 machines, also class 8 cash drawer machines with 5/6" spacing	**1014 7734**
3	Series P400, P600, P5000 and P9000 machines, use 1017 5271 collar and 1017 5263 spacer and bearing with this shaft. See Plate VI-7 for red ribbon drive parts.	**1021 2959**

BASE SPRING, TORSION SPRING AND DASHPOT CHART (Plate VI-15)

Note : The following construction reference will assist in determining the arrangements required for a specific machine.

REFERENCE

A Electric machines - not controlled speed motor and drive, see Plate VI-35
B Classes 8 and 10 hand machines - early accumulator construction where one spring is connected between carry rack and carry rack latch instead of separate springs for each part.
C Electric machines - controlled speed motor, see Plates VI-16, VI-28 and VI-29
D Classes 8 and 10 hand machines - late accumulator construction where separate springs are provided for carry rack and carry rack latch.
E Electric machines - lock in clutch dog, identified by the plate riveted to drive cover BQ, Plate VI-30.
F Electric machines - Type P2 motor and drive, see Plate VI-26

HAND MACHINES - CLASSES 8, 9 AND 10

Description	Base Springs	Torsion Springs	Dashpots
Classes 8, 10 machines; 6 or 8 cols. see Ref. B	1011 0955	1642 5449	1033 5669
Class 8 machines; 10 cols, see Ref. B	1011 0922	1642 5449	1033 5669
Class 8 machines; 6, 7 or 8 cols. see see Ref. D	1011 0955	1021 2199	1033 5669
Class 8 machines; 10 cols. see Ref.D	1011 0922	1021 2199	1033 5669
Class 8 cash machine; 5/6" spacing	1011 0922	1021 2199	1033 5669
Class 9 machines; double wheels, with or without minus bal. 7 or 8 cols.	1011 0955	1021 2199	1033 5669
Class 9 machines; double wheels, with or without minus bal. 10 cols.	1011 0922	1021 2199	1033 5669
Class 9 machines; 13 cols.	1011 0930	1011 3017	1033 5699
Class 10 machines; 10 cols, see Ref. B	1027 8257	1641 6893	1033 5669
Class 10 machines; 6 or 8 cols. see Ref. D	1011 0955	1021 2199	1033 5669
Class 10 machines; 10 cols. see Ref. D	1011 0922	1021 2199	1033 5669

HAND MACHINES - SERIES P1200, P1300, P1400, P3200, P3300 AND P3400

Description	Base Springs	Torsion Springs	Dashpots
Series P1200 machines; 6,7 or 8 cols.	1011 0955	1021 2199	1033 5669
Series P1200 machines; 10 cols.	1011 0922	1021 2199	1033 5669
Series P1300 machines; 7 or 8 cols.	1011 0955	1021 2199	1033 5669
Series P1300 machines; 10 cols.	1011 0922	1021 2199	1033 5669
Series P1400 machines; 8 cols.	1011 0930	1021 2199	1033 5669
Series P1400 machines; 10 cols.	1011 0930	1021 2199	1033 5669
Series P3200 machines; 6 or 7 cols.	1011 0955	1021 2199	1033 5669
Series P3300 machines; 7 cols.	1011 0955	1021 2199	1033 5669
Series P3400 machines; 10 cols.	1011 0930	1021 2199	1033 5669

Part Numbers Continued On Next Page

PART NUMBERS (Plate VI-15) - Continued

ELECTRIC MACHINES - CLASSES 8, 9 AND 10

Description	Base Springs	Torsion Springs	Dashpots
Class 8 machines; 8 cols. see Ref. A	1011 0955	1642 5449	1033 5669
Class 8 machines; 10 cols. see Ref. A	1011 0922	1641 6893	1033 5669
Class 8 and 10 machines; 6, 8 or 10 cols., see Ref. C but without Ref. E	1011 0922	1011 3025	1033 5669
Class 8 cash machines; 6 cols. with 5/6" spacing	1011 0955	1011 3025	1033 5669
Class 8 cash machines; 7 cols. with 5/6" spacing	1011 0922	1011 3025	1033 5669
Class 9 machines; 8 cols. see Ref. A	1011 0922	1641 6893	1033 5669
Class 9 machines; 10 cols. see ref. A	1027 8273	1641 6893	1033 5669
Class 9 machines; 8 or 10 cols. see Ref. C but without Ref. E	1011 0922	1011 3017	1033 5669
Class 9 machines; 13 cols. see Ref.C but without Ref. E	1010 0930	1011 3017	1033 5669
Class 9 machines; 13 cols. see Ref. C and Ref. E	1011 0930	1011 3017	1033 5669
Class 10 machines; 8 cols. see Ref. A	1011 0922	1011 3025	1033 5669
Class 10 machines; 10 cols. see Ref.A	1027 8257	1011 3025	1033 5669
Class 10 machines; 6 or 8 cols, see Ref.C and Ref. E	1011 0922	1011 3017	1033 5669
Class 10 machines; 10 cols. and two register tellers machines, see Ref. C and Ref. E	1011 0930	1011 3017	1033 5669
Class 10 three register machines	1011 0930	1011 3017	1033 5677

ELECTRIC MACHINES - SERIES P1200, P1300, P1400, P3400

(see Ref. C and Ref. E)

Description	Base Springs	Torsion Springs	Dashpots
Series P1215 machines; 10 cols.	1011 0922	1011 3025	1033 5669
Series P1312 machines; 7 cols.	1011 0922	1011 3025	1033 5669
Series P1313, P1323 machines; 8 cols.	1011 0922	1011 3025	1033 5669
Series P1315, P1325 machines; 10 cols.	1011 0948	1011 3025	1033 5669
Series P1415 machines; 10 cols.	1011 0930	1011 3025	1033 5669
Series P3413-51 machines; 8 cols.	1011 0930	1011 3025	1033 5669

Part Numbers Continued On Next Page

PART NUMBERS (Plate VI-15) - Continued

ELECTRIC MACHINES - SERIES P100, P200, P300, P2100, P2200 AND P2300

(see Ref. C and Ref. E, except where qualified)

Description	Base Springs	Torsion Springs	Dashpots
Series P100 machines; 7 cols with 5/6" spacing	1011 0922	1011 3025	1033 5669
Series P200 machines; see Ref. F	1011 0922	1011 3025	1033 5669
Series P103, P2103 machines; 10 cols.	1011 0922	1011 3025	1033 5669
Series P110, P2110 machines; 10 cols. shuttle carriage	1011 0948	1011 3025	1220 7510
Series P205, P2205, P206, P2206 machines; 8 cols.	1011 0922	1011 3025	1033 5669
Series P207, P2207, P208, P2208 machines; 10 cols	1011 0948	1011 3025	1033 5669
Series P210, P2210 machines; 10 cols. shuttle carriage	1011 0930	1011 3025	1220 7510
Series P301, P2301, machines; 10 cols.	1011 0930	1011 3025	1033 5669
Series P310, P2310 machines; 10 cols. shuttle carriage	1016 2048	1011 3025	1220 7510

ELECTRIC MACHINES - SERIES P400 (see Ref. E and Ref. C)

Description	Base Springs	Torsion Springs	Dashpots
Series P401 machines; 10 cols.	1016 2048	1011 3017	1033 5685
Series P402, P450 machines; 13 cols.	1016 2048	1011 3017	1033 5685
Series P410, P420, P460 machines; shuttle carriage	1016 2048	1011 3017	1218 7076

ELECTRIC MACHINES - SERIES P600 (see Ref. E and Ref. C)

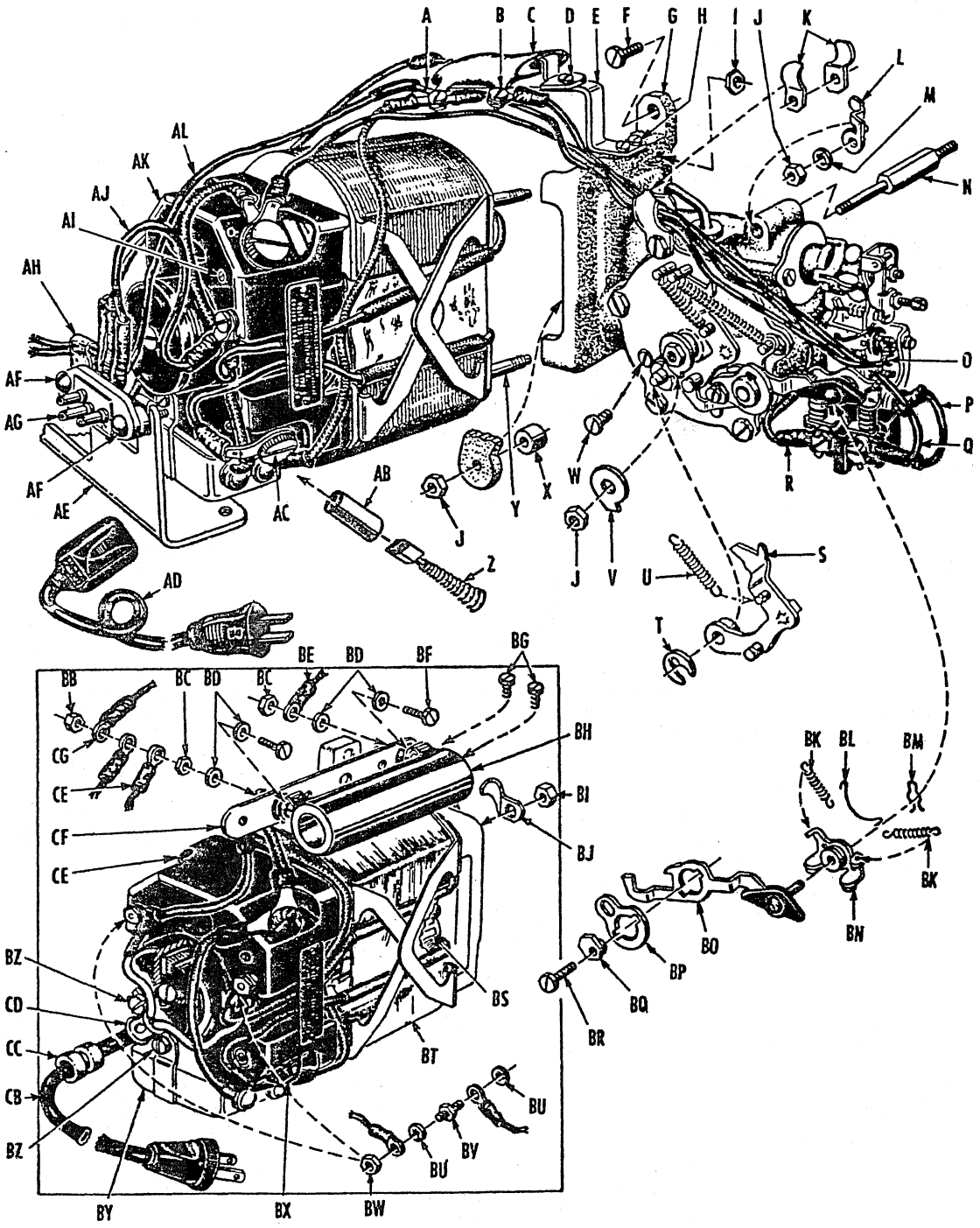
Description	Base Springs	Torsion Springs	Dashpots
Series P643, P645, P615, P625, P665, P675, P685 machines; 10 cols.	1011 0922	1011 3017	1033 5685
Series P613, P623, P644, P646, P663, P673, P683 machines; 13 cols.	1011 0930	1011 3017	1033 5685
Series P612, P621, P622, P661, P662, P672, P682 machines; 13 cols.	1011 0922	1011 3017	1033 5685

ELECTRIC MACHINES - SERIES P5000 AND P9000 (see Ref.E and Ref.C)

Description	Base Springs	Torsion Springs	Dashpots
Series P5525-01, P5528-02, P5328-05	1016 2048	1011 3017	1033 5685
Series P5525-10, P5528-10, P5328-10	1016 2048	1011 3017	1218 7076
Series P5525-03, P5725-05, P9074-5, P9064-5, P9044-5, P9454-5, P9444-5	1011 0922	1011 3017	1033 5685
Series P9077-3,P9067-3,P5528-04, P5728-06,P9047-3,P9457-3,P9447-3	1011 0930	1011 3017	1033 5685
Series P9074-1,P9064-1,P9064-2,P9044-1 P9044-2,P9454-2,P9444-1,P9444-2	1011 0922	1011 3017	1033 5685

Power

TYPE 3 CONTROLLED SPEED MOTOR AND DRIVE - WITH DETACHABLE OR ATTACHED LINE CORD (Plate VI-16)



Part Numbers Shown On Next Page For Library Binder 13

Power

PART NUMBERS (Plate VI-16)

✓	---- ----	complete motor and drive, as shown, no longer available. Refer to Plate VI-29 for alternative complete motor and drive units
✓	---- ----	motor only, as shown
	1027 0924	110V } with detachable linecords. For
	1062 1746	250V } P100,200,300 prior to P479895D
✓	---- ----	drive unit only, as shown, no longer available
A	1026 7110	terminal
B	1010 8710	screw, use 1010 0469 nut, 1010 9403 washer, 1256 7707 lockwasher
C	---- ----	resistor, flat type
	1030 5415	250 ohms, 110V
	1344 6323	465 ohms, 150V
	1030 5464	1200 ohms, 220V
	1034 9066	1460 ohms, 250V
D	1025 9554	screw
E	1027 8323	bracket
F	1011 2670	screw
G	---- ----	housing with main bearing
	1028 1897	with single shoulder bearing
	1028 1889	with double shoulder bearing
H	1010 8983	screw
I	1010 0311	nut, use 1010 3315 spacer
J	1010 0311	nut
K	1035 0940	cable clip
L	---- ----	use 1010 9624 shaft and 1010 0238 clip
M	1256 7467	lockwasher
N	---- ----	see refs. AL,AU, Plate VI-29
O	---- ----	see ref. CD6 } Plate VI-17
P	---- ----	see ref. CD4 } Plate VI-17
Q	---- ----	see ref. CD5 } Plate VI-17
R	---- ----	see ref. CD3 } Plate VI-17
S	1215 3698	actuator
T	1026 7060	clip
U	1027 7457	spring
V	1027 8679	cam
W	1028 1194	screw
✓X	---- ----	see refs. AI,AJ,AK Plate VI-29
	1011 2274	spacer shown
Y	1027 0809	tie rod
Z	1027 1435	brush and spring
AB	1027 0445	brush holder
AC	1027 0841	brush cap, brass
✓AD	---- ----	see Plate VI-38 for linecords
AE	1011 0351	rear support
AF	1256 0884	screw, use 1010 6813 spacer and 1300 1508 speed nut
✓AG	1218 7233	three pin receptacle
	1034 8688	female terminal for mating with male terminal of receptacle
AH	1028 7084	clip
AI	1010 5203	screw
AJ	---- ----	see ref. CD1, Plate VI-17
AK	1027 0890	plastic motor end cap
✓AL	---- ----	part of SW2, Plate VI-17
BB	1010 0360	nut
BC	1010 0378	nut
BD	1010 5575	washer
BE	---- ----	see ref. CD5, Plate VI-17
BF	1047 9335	screw
BG	1010 8983	screw
BH	---- ----	resistor, round type
	1047 9442	250 ohms, 110V
	1047 9467	465 ohms, 150V
	1047 9475	1000 ohms, 220V
	1047 9483	1460 ohms, 250V
BI	1010 0311	nut
BJ	1035 0940	clip
BK	1061 2653	spring
BL	1026 6286	wire anchor
BM	1010 0121	clip
BN	1026 9926	switch point, includes BK,BL
BO	1033 5107	switch point arm, complete
BP	1028 0295	adjusting plate
BQ	1035 2664	eccentric
BR	1035 1278	screw
✓BS	---- ----	armature
	1027 0007	110V
	1027 0114	150V
	1027 0130	250V
✓BT	---- ----	stator
	1027 0312	110V
	1027 0247	220V
BU	1256 7715	lockwasher
BV	1027 0866	screw
BW	1030 1711	nut
BX	1027 0833	brush cap, plastic
BY	1034 1519	capacitor
BZ	1027 6525	screw
✓CB	---- ----	see Plate VI-38 for linecords
CC	1026 8787	grommet, two wire cord
	1026 8795	grommet, three wire cord
CD	1027 0015	clamp for three wire cord
✓CF	---- ----	use assembly consisting of bracket wire, flat resistor and terminals
	1033 4647	250 ohms, for 110V
	1033 4654	465 ohms, for 150V
	1033 4662	1200 ohms, for 220V
	1033 4670	1460 ohms, for 250V
CG	1027 0965	wire, resistor to governor

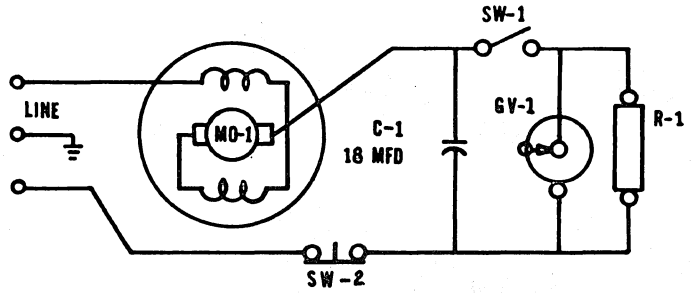
PART NUMBERS (Plate VI-16) - Continued

BH	**1047 9483**	1460 ohms, for 250 v
BI	**1010 0311**	nut
BJ	**1035 0940**	cable clip
BK	**1061 2653**	spring
BL	**1026 6286**	wire spring anchor
BM	**1010 0121**	wire clip
BN	**1026 9926**	switch point, includes BK and BL
	1046 1622	mating contact, left
	1046 0410	mating contact, right
		Replacement microswitch consistency for field use;
	1625 0011	complete package deal
BO	**1033 5107**	switch point arm, includes BK, BL, BM and BN
BP	**1028 0295**	adjusting plate
BQ	**1035 2664**	eccentric
BR	**1035 1278**	screw
BS	Armature	
	1027 0007	110 v
	1027 0114	150 v
	1027 0122	220 v
	1027 0130	250 v
BT	Stator	
	1027 0312	110 v
	1027 0239	150 v
	1027 0247	220 v
	1027 0254	250 v
BU	**1256 7715**	lockwasher
BV	**1027 0866**	screw
BW	**1030 1711**	nut
BX	**1027 0833**	cap for holder, plastic
BY	**1034 1519**	capacitor
BZ	**1027 6525**	screw
CB	See Plate VI-38 for line cord detail	
CC	**1026 8787**	grommet for two wire cord
	1026 8695	grommet for three wire cord
CD	**1035 0932**	clamp for two wire cord
	1027 0015	clamp for three wire cord
CE	**1027 1351**	wire
CF	**1027 8323**	bracket only
		Use 1027 1377 wire and assembled bracket and resistor
	1033 4647	250 ohms, for 110 v
	1033 4654	455 ohms, for 150 v
	1033 4662	1000 ohms, for 220 v
	1033 4670	1460 ohms, for 250 v
CG	**1027 0965**	wire, resistor to governor switch points

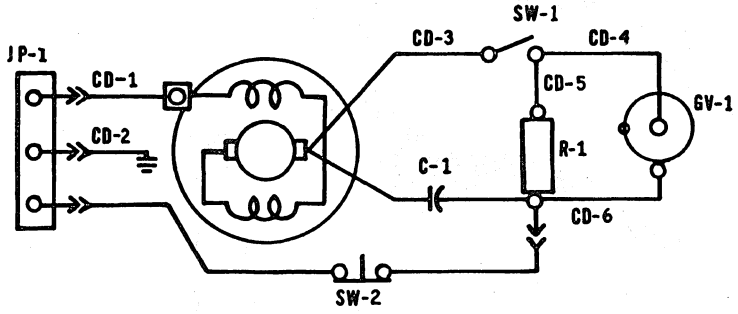
Power

WIRING DIAGRAM FOR TYPE 3 MOTOR, CLASSES 8-9-10, SERIES P100, P200, P300 AND P400 MACHINES (Plate VI-17)

SCHEMATIC DIAGRAM



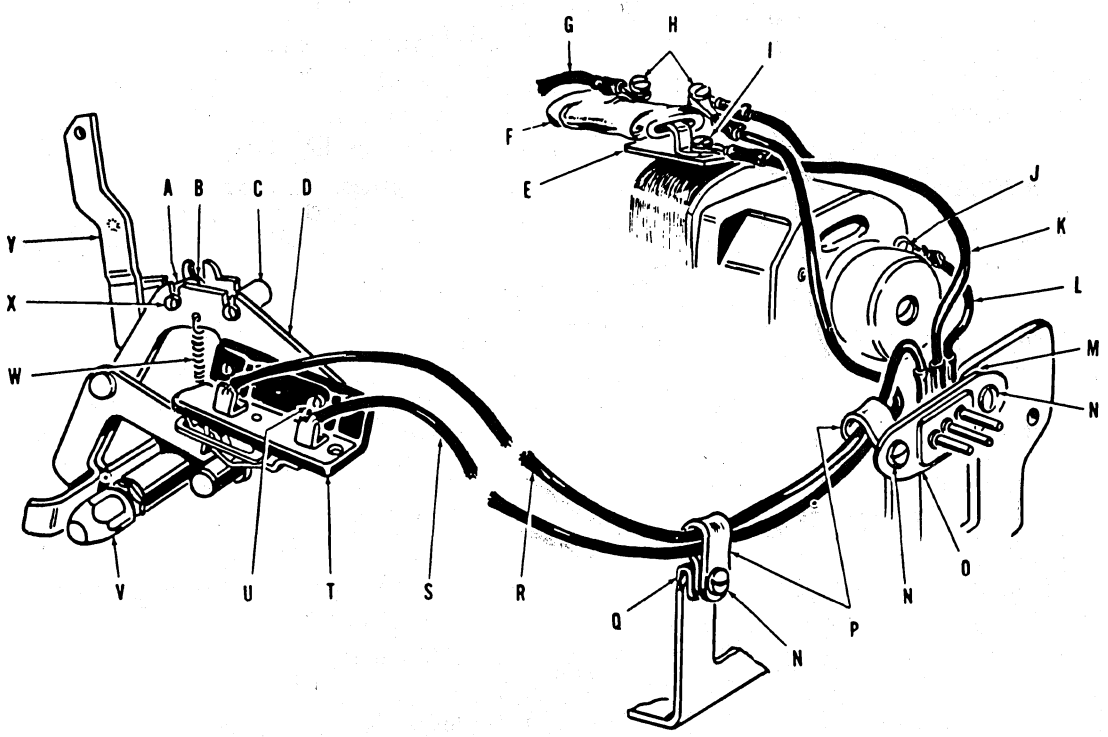
WIRING DIAGRAM



PART NUMBERS (Plate VI-17)

REF.	PART NUMBER	DESCRIPTION
MO 1	See Plate VI-16	Motor
C 1	1034 1519	Capacitor
CD 1	1033 5032	Wire, 4 5/8" long; line cord receptacle to left side of motor end cap
CD 2	1033 5040	Wire, 7 1/8" long; ground wire
CD 3	1027 0981	Wire, 11 1/4" long; motor switch to upper brush holder
CD 4	1028 1913	Wire, 2 7/8" long; governor switch to motor switch
CD 5	1027 0973	Wire, 9" long, round resistor } resistor to
	1027 1013	Wire, 12 1/2" long, flat resistor } motor switch
CD 6	1027 0999	Wire, 8 3/4" long, round resistor } resistor to
	1027 1005	Wire, 10 11/16" long, flat resistor } governor switch point
GV 1	1033 5123	Governor switch
	1033 5149	Points assembly
JP 1	1218 7233	Receptacle, line cord, ground is automatic with this part
	1034 8688	Female crimp type connector to suit male connectors or JP 1
R 1	See Plate VI-16 Ref. C or BH	Resistor
SW 1	1026 9926	Moving contacts
	1046 1622	Fixed contact, left
	1046 0410	Fixed contact, right
SW 2	1029 9287	Series P100, P200, P300, handle switch
	1021 1746	Series P400, handle switch

HAND ELECTRIC SAFEGUARD SWITCH, TYPE 3 MOTOR, SERIES P100, P200, P300 (Plate VI-18)



PART NUMBERS (Plate VI-18)

See Plate VI-16 for part numbers of complete motor and drive units; complete assembled motors; complete assembled drive units.

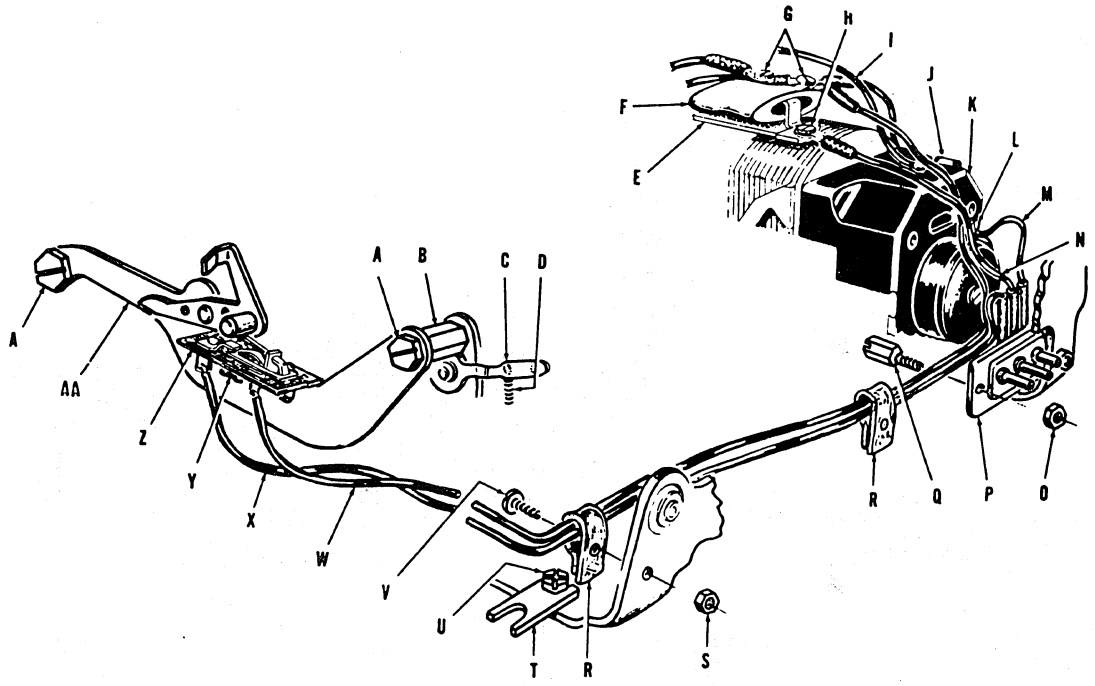
A **1010 5757** spacer
B **1011 2365** collar
C **1017 4423** spacer
D **1011 2100** bracket for handle switch
E **1027 8323** bracket
F Resistor, flat type
1030 5415 250 ohms for 110 v
1344 6323 465 ohms for 150 v
1030 5464 1200 ohms for 220 v
1034 9066 1460 ohms for 250 v
G **1027 0973** wire, resistor to motor switch
H **1010 8710** screw, use 1010 9043 washer and 1010 0469 nut
I **1025 9554** screw
J **1026 9983** screw
K **1033 5040** ground wire
L **1035 5032** wire, from line cord receptacle to left side of motor end cap
M **1010 6813** spacer
N **1256 0884** screw
O **1218 7233** three pin receptacle
1034 8688 female crimp type wire end terminal
P **1028 7084** plastic clip
Q **1300 1508** speed nut
R **1029 9303** wire, handle switch to line cord receptacle.

Part Numbers Continued On Next Page

PART NUMBERS (Plate VI-18) - Continued

S **1029 9295** wire, handle switch to resistor
T **1029 9287** switch only, use 1010 9833 screw and 1010 0469 nut for terminal connections
U **1010 9163** screw
V See Plate VI-8 for main operating section chart
W **1011 3116** spring
X **1010 8439** screw, left
1010 8421 screw, right
Y Use 1021 1977 motor bar, 1021 1902 latch, 1017 9810 eccentric, 1010 0378 nut and 1026 3226 screw, machines before P359272D
1021 1977 motor bar, machines after P359271D
See Side Frame Parts Catalog for other styles

HAND ELECTRIC SAFEGUARD SWITCH, TYPE 3 MOTOR, SERIES P400 (Plate VI-19)



PART NUMBERS (Plate VI-19)

Complete motor and drive
1052 5251 110 v
1062 6661 150 v
1062 6679 220 v
1062 6687 250 v
Complete motor only
1027 0924 110 v
1027 0676 150 v
1062 1720 220 v
1062 1746 250 v
Complete assembled drive only
1033 4845
A **1010 9825** screw
B **1016 8284** hex. screw post
C **1021 1761** drive trip arm, use 1010 4164 washer, 1256 7715 lockwasher and 1010 0378 nut
D **1026 9876** spring
E **1027 8323** bracket
F Resistor, flat type
1030 5415 250 ohms for 110 v
1344 6323 465 ohms for 150 v
1030 5464 1200 ohms for 220 v
1034 9066 1460 ohms for 250 v
G **1010 8710** screw, use 1010 9403 washer and 1010 0469 nut
H **1025 9554** screw
I **1027 0981** wire, switch to upper brush holder

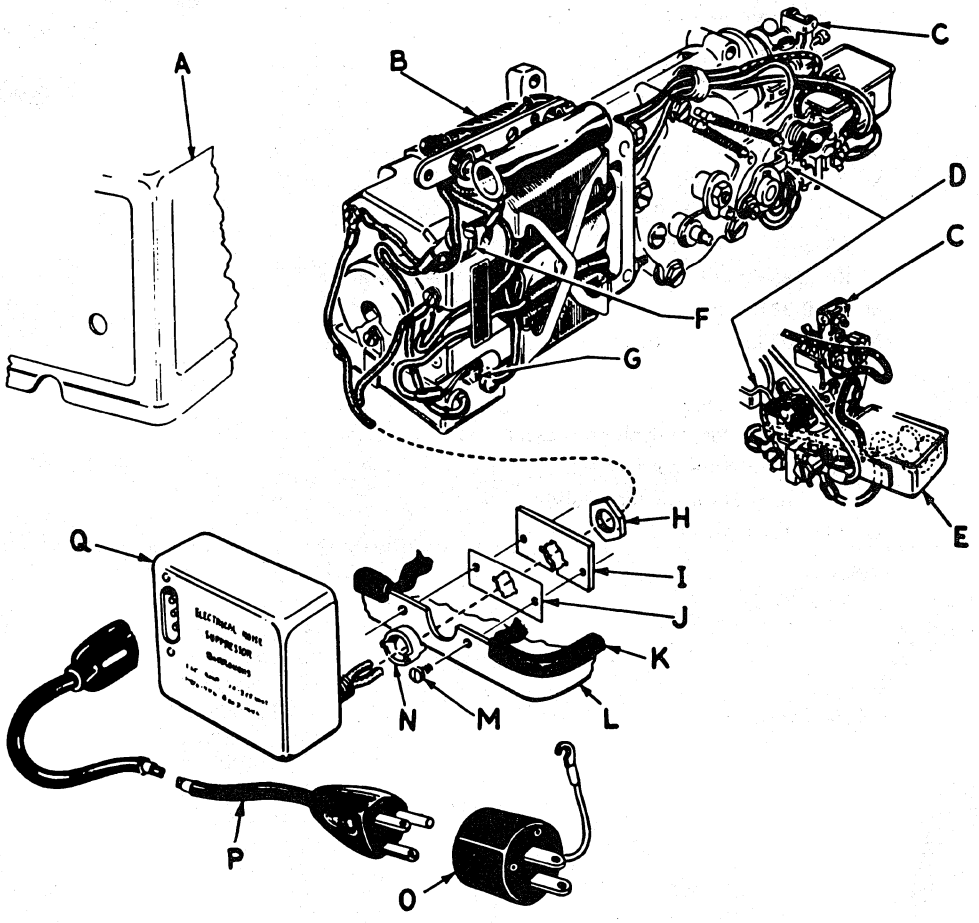
Part Numbers Continued On Next Page

Power

PART NUMBERS (Plate VI-19) - Continued

J **1027 0841** brush holder cap
K **1027 0890** end cap
L **1026 9983** screw
M **1033 5032** wire, receptacle to left side of motor end cap
N **1033 5040** ground wire
O **1010 0360** nut
P **1218 7233** three pin receptacle
1034 8688 female crimp type wire end terminal
Q **1017 3136** screw
R **1010 3083** plastic clip
S **1010 0311** nut
T **1044 3505** lockplate
U **1030 4400** screw
V **1023 7188** screw
W **1033 5024** wire, handle switch to resistor
X **1033 5016** wire ,handle switch to receptacle
Y **1011 3538** retaining clip
1011 9824 nut
1012 0178 screw
Z **1021 1746** handle switch, includes W and X
AA **1021 3254** mounting bracket; on machines before P241644D, also use 1021 1746 handle switch, 1011 3538 clip, 1011 9824 nut, and 1012 0178 screw

TYPE 3 MOTOR - RADIO AND TELEVISION INTERFERENCE SUPPRESSOR CLASSES 8-9-10 (Plate VI-20)



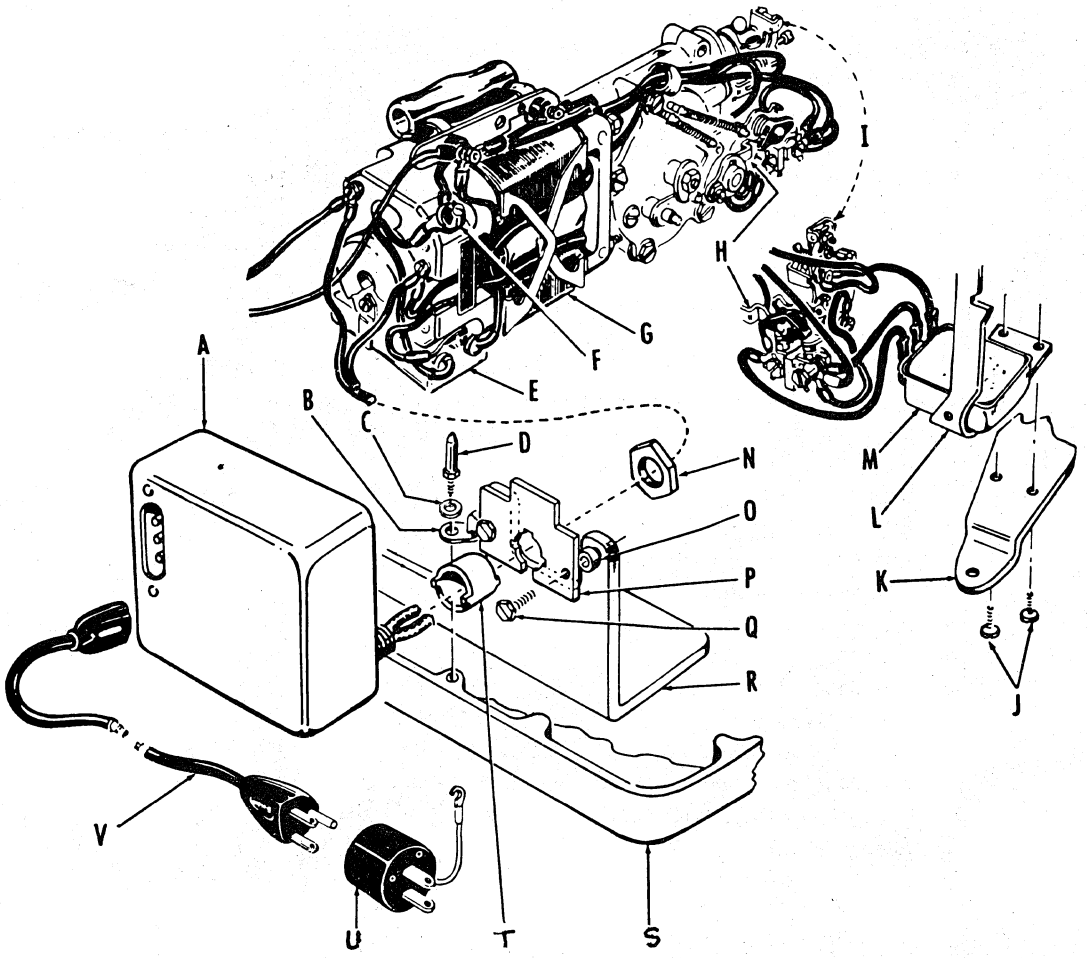
Part Numbers On Next Page

PART NUMBERS (Plate VI-20)

Note : The machine cases shown under "A" are for use on Classes 8-9-10 machines with Radio and Television Interference Eliminator only.

A **1013 6240** grey, Class 9, 13 column machines, with opening for O.C.L. 53, 3 7/8" carriage, clip on carriage cover
1013 6158 grey, Class 9, 13 column machines, with 3 7/8" and 12 1/4" carriage
1013 6182 grey, Class 9, 13 column machines, with 3 7/8" and 12 1/4" carriage, and opening for O.C.L. 53
1013 6240 grey, Class 9, 13 column machines, with opening for O.C.L. 53, 12 1/4" carriage to vertical space and non-tab from O.C.K. 4-0
B **1067 5429** 120 V complete assembled motor and drive
C **1033 5123** gov. switch point arm
D **1033 5107** switch point arm
E **1027 1633** capacitor
F **1027 0833** cap for bush holder
G **1034 1519** capacitor
H **1027 0569** nut
I **1027 0031** bracket
J **1010 5104** plate
K Rubber base strip
1013 9426 for machines of 10 columns or less
1013 9434 for machines 13 columns
L See Base and Case Parts Catalog for base detail
M **1010 9619** screw
N **1027 0502** keyed bushing
O Adaptor
1027 1526 shown
1027 1518 for flat prong ground
P **1010 0675** line cord shown
See Plate VI-38 for other styles
Q **1027 1641** filter

TYPE 3 MOTOR - RADIO AND TELEVISION INTERFERENCE SUPPRESSOR - SERIES P100, P200, P300 (Plate VI-21)

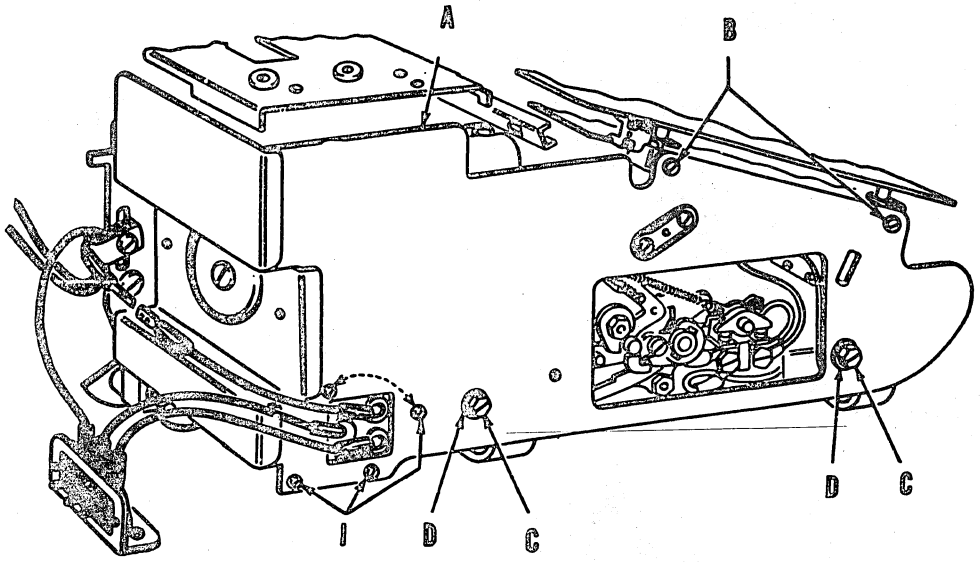


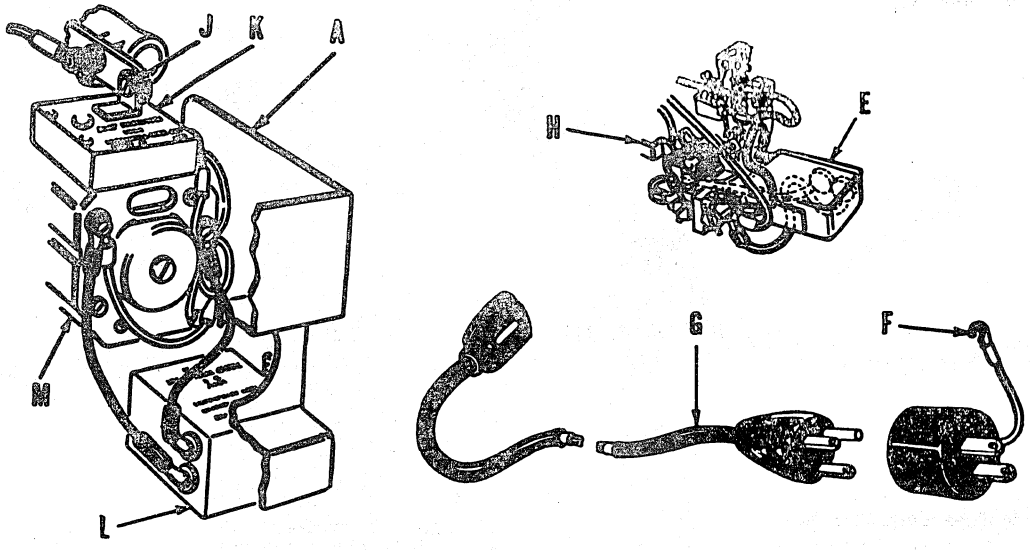
PART NUMBERS (Plate VI-21)

A **1023 2635** filter
B **1011 0401** strap
C **1010 4545** washer
D **1017 6741** pilot stud
E **1034 1519** capacitor
F **1027 0833** cap for brush holder
G Part numbers not available for complete assembled motor and drive
H **1033 5107** switch point arm
I **1033 5123** governor switch point arm
J **1010 4685** screw
K **1011 0369** support plate
L **1019 5865** keyboard brace
M **1034 8993** capacitor
N **1027 0569** nut
O **1048 4483** collar
P **1027 0049** plate
Q **1028 8066** screw
R **1011 0377** support plate, 3 7/8" carriage
1011 0385 support plate, 12 1/4" carriage
S **1011 0450** base
T **1027 0502** keyed bushing
U **1027 1526** adapter, shown
1027 1518 adapter, for flat prong ground
V **1010 0675** line cord shown
See Plate VI-38 for other styles

Power

TYPE 3 MOTOR - RADIO AND TELEVISION INTERFERENCE SUPPRESSOR SERIES P400 (Plate VI-22)





PART NUMBERS (Plate VI-22)

A **1052 2498** shield
B **1010 4214** screw
C **1010 4693** screw
D **1010 4354** lockwasher
E **1027 1666** capacitor
F **1027 1526** adaptor, shown
1027 1518 adaptor, for flat prong ground
G **1010 0675** line cord, shown
See Plate VI-38 for other styles

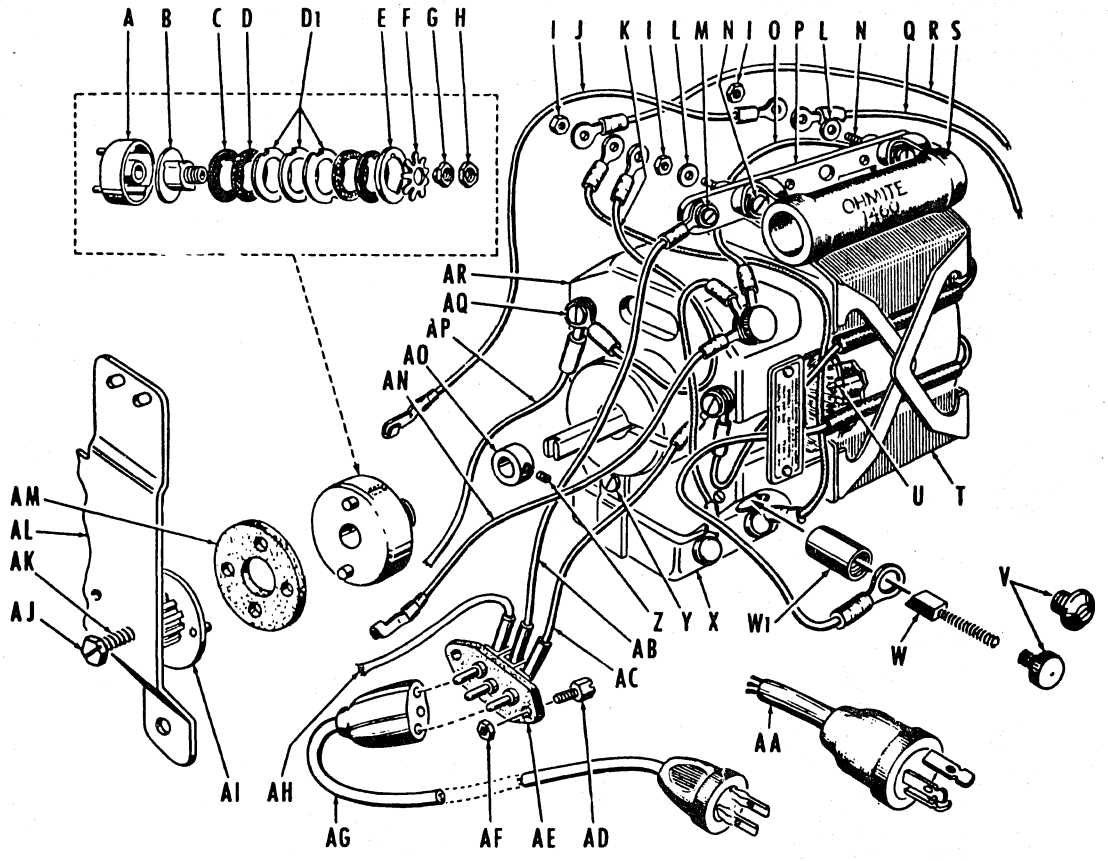
Part Numbers Continued On Next Page

PART NUMBERS (Plate VI-22) - Continued

H **1033 5107** switch point arm
I **1026 2855** screw, use 1010 0360 nut
J **1010 8421** screw, use 1010 0360 nut
K **1027 1658** capacitor
L **1057 1651** filter

M Complete assembled motor and drive
1052 5269 110 v
1062 6745 150 v
1062 6752 220 v
1062 6760 250 v

TYPE 3 MOTOR, WITH ROUND RESISTOR, SERIES P600 (Plate VI-23)



PART NUMBERS (Plate VI-23)

Complete assembled motor and drive (flat resistor replaces round type)
1052 6069 110 v
1062 6703 150 v
1062 6711 220 v
1062 6729 250 v
Complete assembled motor
1062 3841 110 v
1062 3858 150.v
1062 3866 220 v
1062 3784 250 v
Complete assembled drive
1033 4845

A Complete assembled clutch assembly
1022 7866 comprises of :-
(1) **1300 8800** clutch housing
(2) **1300 9857** clutch core, for keyed plates
(3) **1022 8534** steel washer, 3 required; keyed to clutch core
(4) **1022 8542** felt discs, 4 required
(5) **1022 8526** steel disc, recessed for felt discs; keyed to clutch housing, 2 required
(6) **1300 9444** steel washer, 2 required, keyed to clutch core at spider spring end
(7) **1300 9253** spider spring
(8) **1301 0046** shoulder nut

Part Numbers Continued On Next Page

PART NUMBERS (Plate VI-23) - Continued

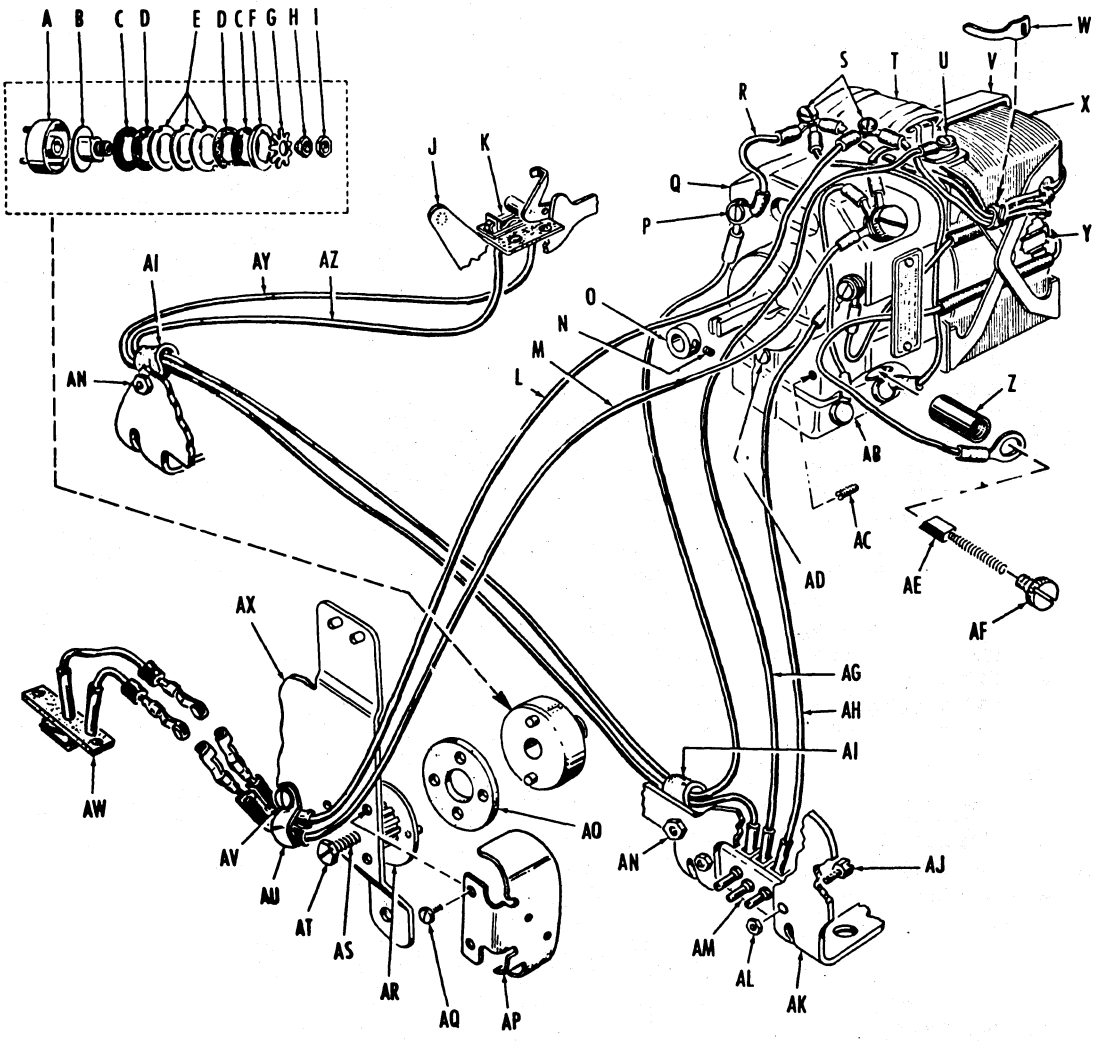
A (9) **1010 8603** flat nut
Sequence of assembly of parts on clutch core (1) is :- 2-3-4-5-4-3-4-5-4-3-6-6-7-8-9
B,C,D,D1,E,F,G and H, see Ref.A
I **1010 0378** nut
J **1034 8886** wire, resistor to M.R.C.
K **1027 1351** wire, resistor to motor end plate
L **1010 5575** washer
M **1010 8983** screw, use 1067 1824 lockwasher
N **1047 9335** screw, use 1010 5575 washer
O **1027 0981** wire, motor switch to upper brush holder
P **1027 8323** bracket only
use 1027 1377 wire and assembled bracket and resistor
1033 4647 250 ohms for 110 v
1033 4654 465 ohms for 150 v
1033 4662 1000 ohms for 220 v
1033 4670 1465 ohms for 250 v
} resistor
Q **1027 0973** wire, resistor to motor switch
R **1027 0965** wire, resistor to gov. switch points
S Round resistor
1047 9442 250 ohms for 110 v
1047 9467 465 ohms for 150 v
1047 9475 1000 ohms for 220 v
1047 9483 1460 ohms for 250 v
T Stator only
1027 0312 110 v
1027 0239 150 v
1027 0247 220 v
1027 0254 250 v
U Armature only
1029 2951 110 v
1061 7645 150 v
1061 7652 220 v
1029 2969 250 v
V **1027 0833** brush holder cap, plastic
1027 0841 brush holder cap, brass
W **1027 1435** brush and spring
W1 **1027 0445** brush holder
X **1034 1519** capacitor
Y **1027 6525** screw
Z **1303 1836** screw
AA **1018 0529** line cord - 3 wire, see Plate VI-38 for other styles
AB **1033 5040** wire, ground
AC **1033 5032** wire, receptacle to left side motor end cap
AD **1017 3136** screw
AE **1218 7233** three pin receptacle
1034 8688 female, parallel, crimp type terminal for wire end
AF **1010 0386** nut
AG **1018 0503** line cord - 2 wire domestic
1018 0511 line cord - 2 wire foreign
See Plate VI-38 for other styles
AH **1033 4951** wire, handle switch to receptacle
AI **1015 5349** drive pulley

Part Numbers Continued On Next Page

PART NUMBERS (Plate VI-23) - Continued

AJ **1017 6469** threaded bushing
AK **1035 0858** spring
AL **1022 7452** M.R.C. plate only
See Carriage Parts Catalog for complete assemblies
AM **1301 0467** leather coupler
AN **1033 5073** wire, upper brush holder to M.R.C. switch
AO **1062 0698** set collar, includes Z
AP **1033 5099** wire, handle switch to right side of motor end cap
AQ **1026 9983** screw
AR **1027 0890** motor end cap

TYPE 3 MOTOR, WITH FLAT RESISTOR, SERIES P600J (Plate VI-24)



PART NUMBERS (Plate VI-24)

See Plate VI-23 for part numbers of complete assembled motor and drives, complete assemblec motors; complete assembled drive.

Part Numbers On Next Page

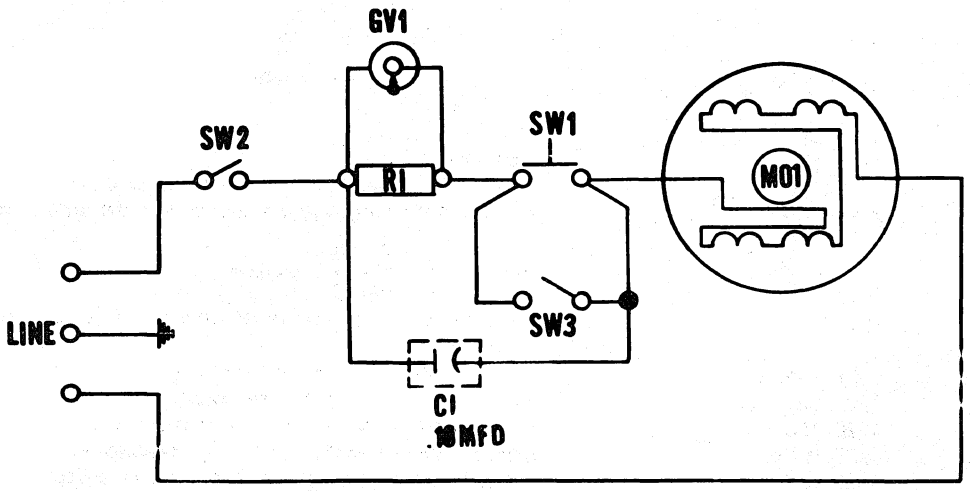
Power

PART NUMBERS (Plate VI-24)

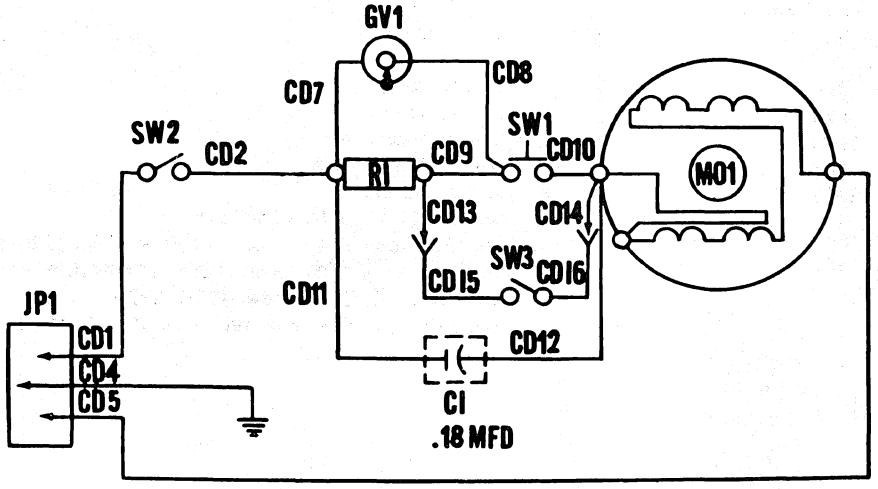
A		See Ref. A, Plate VI-23 for detail of friction clutch
J	1021 3254	mounting bracket
K	1021 1738	microswitch, may require use of 1026 9041 terminal
L	1029 4262	wire, resistor to M.R.C. switch
M	1033 5073	wire, upper brush holder to M.R.C. switch
N	1303 1836	screw
O	1062 0698	set collar, includes N
P	1026 9983	screw
Q	1027 0890	motor end cap
R	1027 1377	wire, resistor to right side of motor end cap
S	1010 8710	screw, use 1010 9403 washer and 1010 0469 nut
T		Resistor, flat type
	1030 5415	250 ohms for 110 v
	1344 6623	465 ohms for 150 v
	1030 5464	1200 ohms for 220 v
	1034 9066	1460 ohms for 250 v
U	1025 9554	screw
V	1027 8323	bracket
W	1018 0495	cable band
X		Stator only
	1027 0312	110 v
	1027 0239	150 v
	1027 0247	220 v
	1027 0254	250 v
Y		Armature only
	1029 2951	110 v
	1061 7645	150 v
	1061 7652	220 v
	1029 2969	250 v
Z	1027 0445	brush holder
AB	1034 1519	capacitor
AC	1010 5203	screw
AD	1027 6525	screw
AE	1027 1435	brush and spring
AF	1027 0941	brush holder cap - brass
AG	1033 5040	wire, ground
AH	1033 5032	wire, receptacle to left side of motor end cap
AI	1034 9074	plastic clip
AJ	1017 3136	screw
AK	1019 7952	sub-base
AL	1010 0378	nut
AM	1218 7233	three pin receptacle
	1034 8688	female, parallel, crimp type terminal for wire end
AN	1010 0311	nut, use 1023 7188 screw
AO	1301 0467	leather coupler
AP	1015 5547	cover
AQ	1017 1320	screw
AR	1015 5349	drive pulley
AS	1035 0858	spring
AT	1017 6469	threaded bushing
AU	1035 0940	clip
AV	1010 5682	screw
AW	1034 8977	microswitch shown
	1216 1865	microswitch, used with new style switch operating mechanism
AX	1022 7452	M.R.C. plate only. See Carriage Parts Catalog for complete assemblies
AY	1033 4951	wire, handle switch to cord receptacle
AZ	1033 5099	wire, handle to switch to right side of motor end cap

Power

WIRING DIAGRAM FOR TYPE 3 MOTOR, SERIES P600 (Plate VI-25)



SCHEMATIC DIAGRAM



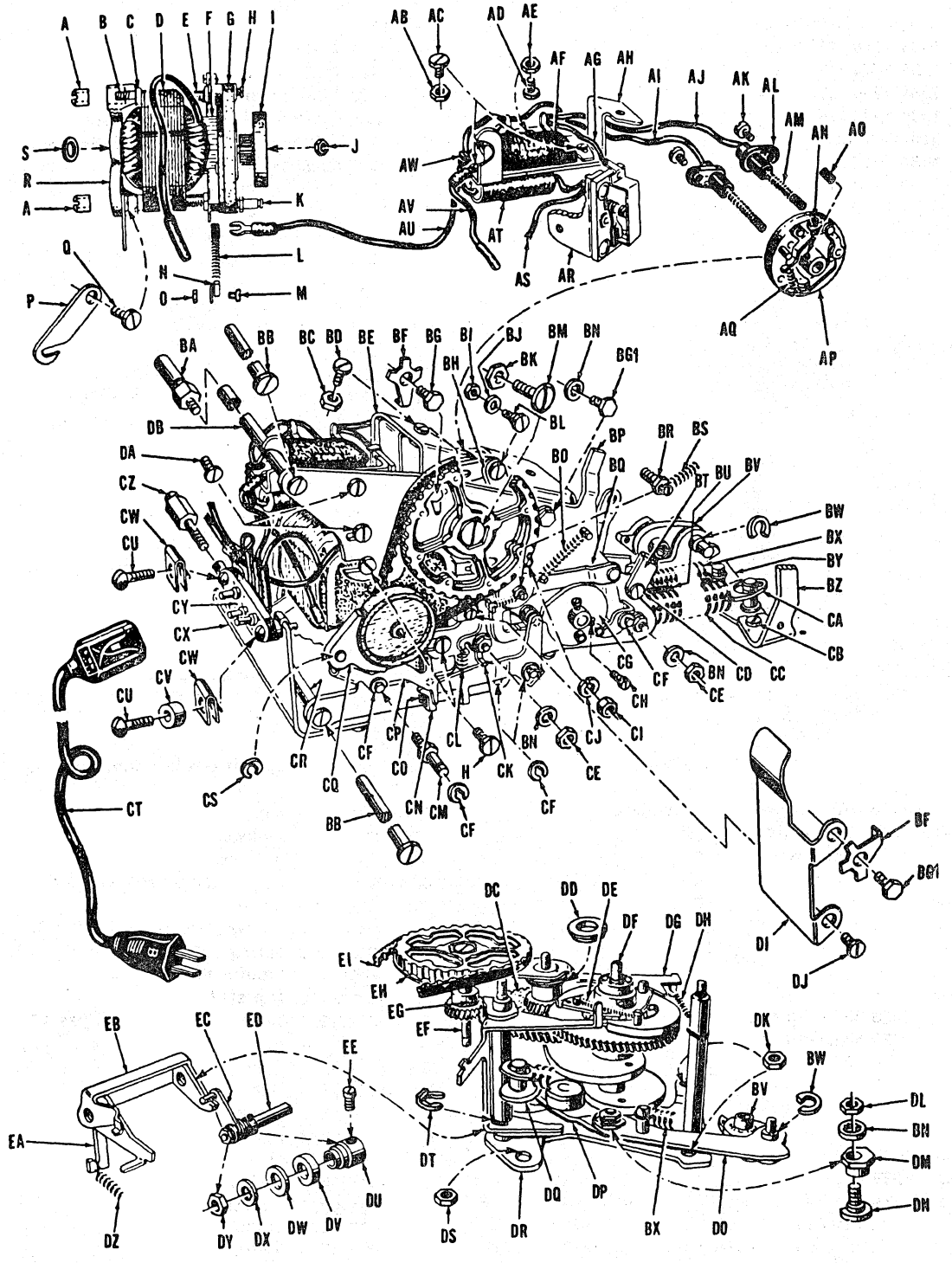
WIRING DIAGRAM

Part Numbers On Next Page

PART NUMBERS (Plate VI-25)

Ref.	Part Number	Description
MO 1	See Plate VI-23	motor
C 1	1034 1519	capacitor
CD 1	1033 4951	wire, 16 7/8" long; handle switch to cord receptacle
CD 2	1033 5099	wire, 18 1/2" long; handle switch to right side of motor end cap
CD 4	1033 4936	wire, 6 1/2" long } ground
	1033 5040	wire, 7 1/8" long } ground
CD 5	1033 5032	wire, 4 5/8" long; cord receptacle to left side of motor end cap
CD 7	1027 0965	wire, 10" long; round resistor } resistor to gov.
	1027 1005	wire, 10 11/16" long; flat resistor } switch point
CD 8	1028 1913	wire, 2 7/8" long; governor switch point to motor switch
CD 9	1027 0973	wire, 9" long; round resistor } resistor to
	1027 1013	wire, 9 1/2" long; flat resistor } motor switch
CD 10	1027 0981	wire, 11 1/4" long; motor switch to upper brush holder
CD 11	Part of C 1	wire, capacitor to resistor
CD 12	Part of C 1	wire, capacitor to upper brush holder
CD 13	1034 8886	wire, 11 3/8" long; round resistor } resistor to
	1033 5081	wire, 7 1/2" long; flat resistor } M.R.C. switch
CD 14	1033 5073	wire, 6 5/8" long; upper brush holder to M.R.C. switch
CD 15	Part of SW 3	wire, 3" long; to resistor
CD 16	Part of SW 3	wire, 3" long; to upper brush holder
GV 1	1033 5123 and 1033 5149	governor switch points
JP 1	1218 7233	receptacle, line cord, ground automatic with this part
	1034 8688	female crimp type connector to suit male connector of JP 1
R 1	See Plate VI-23, Ref. S	round resistors
	See Plate VI-23, Ref. T	flat resistors
SW 1	1026 9926	moving contacts
	1046 1622	fixed contact, left
	1046 0410	fixed contact, right
SW 2	1021 1738	switch, handle
SW 3	1216 1865	switch, M.R.C. after P264925S. Use 1216 1865 switch, 1216 1790 bracket, 1216 1816 insulator, 1216 1808 lever, 1216 1824 double ended bushing, 1216 1832 screw, 1010 0212 (2) clip, 1034 8720 (2) crimp type terminal, 1010 9601 (2) screw before P264926S.

TYPE P2 MOTORS AND DRIVE, SERIES P100-P200-P300 MACHINES (Plate VI-26)



Part Numbers On Next Page

Power

PART NUMBERS (Plate VI-26)

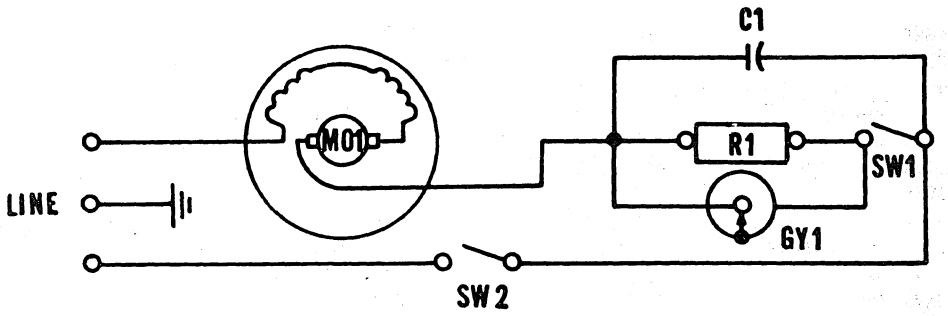
		Complete assembled motor & drive
	1034 1758	115V
	1034 1774	150V
	1034 1790	220V
	1034 1816	240V
		Complete assembled motor
	1034 1741	115V
	1034 1766	150V
	1034 1782	220V
	1034 1808	240V
A	1034 4638	cap nut
B	1034 1311	tie rod
✓C	1034 4729	collar
✓D	- - - -	stator only
	1034 1907	115V
	1034 1915	150V
	1034 1923	220V
	1034 1931	240V
E	1035 0833	spring
✓F	- - - -	armature only
	1034 1253	115V
	1034 1261	150V
	1034 1279	220V
	1034 1287	240V
G	1034 1378	motor end plate
H	1013 1753	screw
✓I	- - - -	No longer available
J	1023 6800	nut
K	1023 6883	threaded post
L	1034 1410	brush and spring
M	1010 8991	screw
N	1034 1527	clip
O	1010 0378	nut
P	1033 5438	support
Q	1010 8702	screw, use 1010 4362 lockwasher
R	1034 1352	motor end plate
S	1034 4596	washer .015"
	1053 7082	washer .010"
AB	1010 0386	nut
AC	1010 8983	screw
AD	1010 8710	screw
AE	1010 0469	nut
AF	- - - -	resistors
	1028 9320	for 115V
	1030 5415	for 150V
	1344 6323	for 220V and 240V
AG	1033 4886	wire
AH	1033 5370	bracket
AI	1033 4928	wire
AJ	1033 4910	wire
AK	1035 0866	screw
AL	1334 2472	brush holder,(shown),use 1031 0258 pin, before P325300D,use 1045 8743 brush holder and 1031 0258 pins(2) after P325299D
AM	1031 0092	brush and spring
AN	1034 4695	screw
AO	1303 1836	set screw
✓AP	1062 6828	complete governor assembly, incl. AB thru AW, BE and EF
	1033 4738	governor only, incl.1033 5636 movable switch point, 1033 5545 spring clip, 1012 0335 spring and 1034 4695 screw
AQ	1012 0335	spring
AR	1033 5362	motor switch
AS	1033 4902	wire
AT	1033 5651	capacitor
AU	1033 4878	wire
AV	1021 1951	wire
AW	1026 1121	grommet, rubber
BA	1021 2603	hex. post
✓BB	1021 2595	tapped post
BC	1010 0329	nut
BD	1010 8983	screw
BE	- - - -	use 1033 5412 governor housing
	1031 0258	pins (2)
	1033 4910	wire
	1033 4928	wire
	1045 8743	brush holder (2)
	1021 3494	bracket
	1019 6541	sideframe
	1256 7715	lockwashers (2)
	1010 4214	screws (2) On machines before P325300D.
	1033 5412	governor housing On machines after P325299D.
BF	1021 2330	locking plate
BG	1023 8905	screw
BG1	1023 6875	screw
✓BH	1021 2264	circuit breaker arm, use 1255 3152 clip
BI	1010 0386	nut
BJ	1256 7715	lockwasher
BK	1021 2355	hex. key
BL	1027 1823	shoulder screw
✓BM	1023 8038	screw
✓BN	1256 7749	lockwasher
BO	1027 3209	spring
BP	1013 4450	sideframe
BQ	1021 3445	trip slide

Power

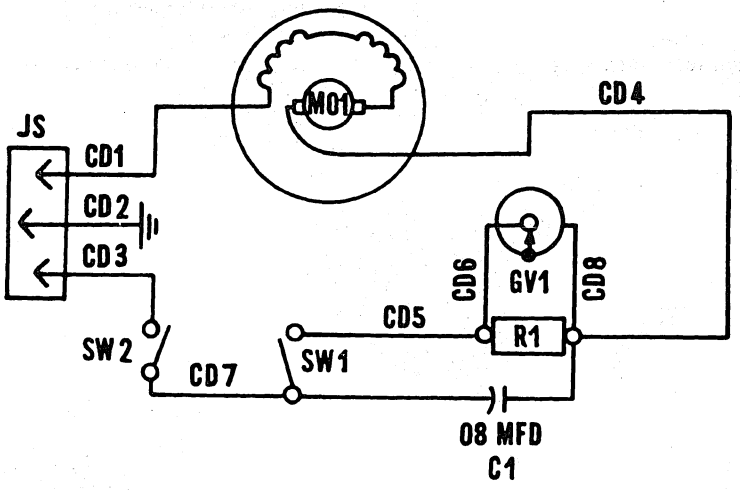
PART NUMBERS (Plate VI-26) - Continued

BR	1017 1361	spring anchor screw, use 1021 2637 guide plate
BS	1014 7650	spring
BT	1021 2306	link
BU	1021 3429	rubber insert
BV	1021 1639	pawl
BW	1023 6628	clip
BX	1011 3066	spring
BY	1011 0336	support
BZ	1019 5865	brace
CA	1034 4703	spring anchor
CB	1010 4685	screw
CC	1021 2736	spring
CD	1028 9445	screw
CE	1010 0311	nut
✓CF	1255 3152	clip
✓CG	- - - -	No longer available
CH	1010 3919	screw
CI	1010 0410	nut
CJ	1256 7459	lockwasher
CK	- - - -	No longer available
CL	1013 9277	spring
CM	1023 6883	post
CN	1021 2470	arm
CO	1027 6798	spring
CP	1021 2496	brake arm, on machines before P293593D use also 1021 2926 brake shoe and 1255 3160 clip
CQ	1021 2926	brake shoe, on machines before P293593D, use also 1021 2496 brake arm and 1255 3160 clip
CR	1023 6669	spacing tube
CS	1255 3160	clip
CT	1018 0503	line cord - 2 wire (shown)
	1010 0675	line cord - 3 wire
	- - - -	See Plate VI-38 for other styles
CU	1256 0884	screw
CV	1010 6813	collar
CW	1300 1508	speed nut
CX	1011 0351	support
CY	1218 7233	three pin receptacle
	1034 8688	female, parallel, crimp type terminal for wire end
CZ	1023 6818	hex. post
DA	1010 6102	screw
DB	1021 7529	spacing tube
DC	1021 2827	nylon gear
DD	1023 6644	flanged collar
DE	1027 7150	spring
DF	1021 2660	cam and gear assembly
DG	1021 2272	clutch latch
DH	1021 2611	spring
DI	1021 2348	shield
DJ	1010 5377	screw
DK	1010 0311	nut, use 1013 9137 post
DL	1010 0311	nut
DM	1023 6636	eccentric collar
DN	1011 2647	screw
DO	1021 2686	pitman arm
DP	1021 2769	drive arm
✓DQ	- - - -	No longer available
DR	1040 9449	sideframe, before P318515D
	1019 5873	sideframe, after P318514D
DS	1010 0337	nut, use 1010 4370 lockwasher and 1013 9129 post
DT	1010 0089	clip
DU	1021 2124	shoulder collar
DV	1021 2587	collar
DW	1010 4156	washer
DX	1256 7715	lockwasher
DY	1010 0378	nut
DZ	1015 2239	spring before P318515D
	1044 2622	spring after P318514D
EA	1033 5420	bail, before P318515D
	1021 2439	bail, after P318514D
EB	1033 5313	trip bail, before P318516D
✓EC	1021 2298	trip arm
ED	1021 1522	shaft assembly
EE	1010 8967	screw
EF	1033 5271	shaft and gear assembly
EG	1342 8453	rolled pin
EH	1021 2512	pulley
EI	1015 5661	belt

WIRING DIAGRAM FOR TYPE P2 MOTOR (Plate VI-27)



SCHEMATIC DIAGRAM



WIRING DIAGRAM

Part Numbers On Next Page

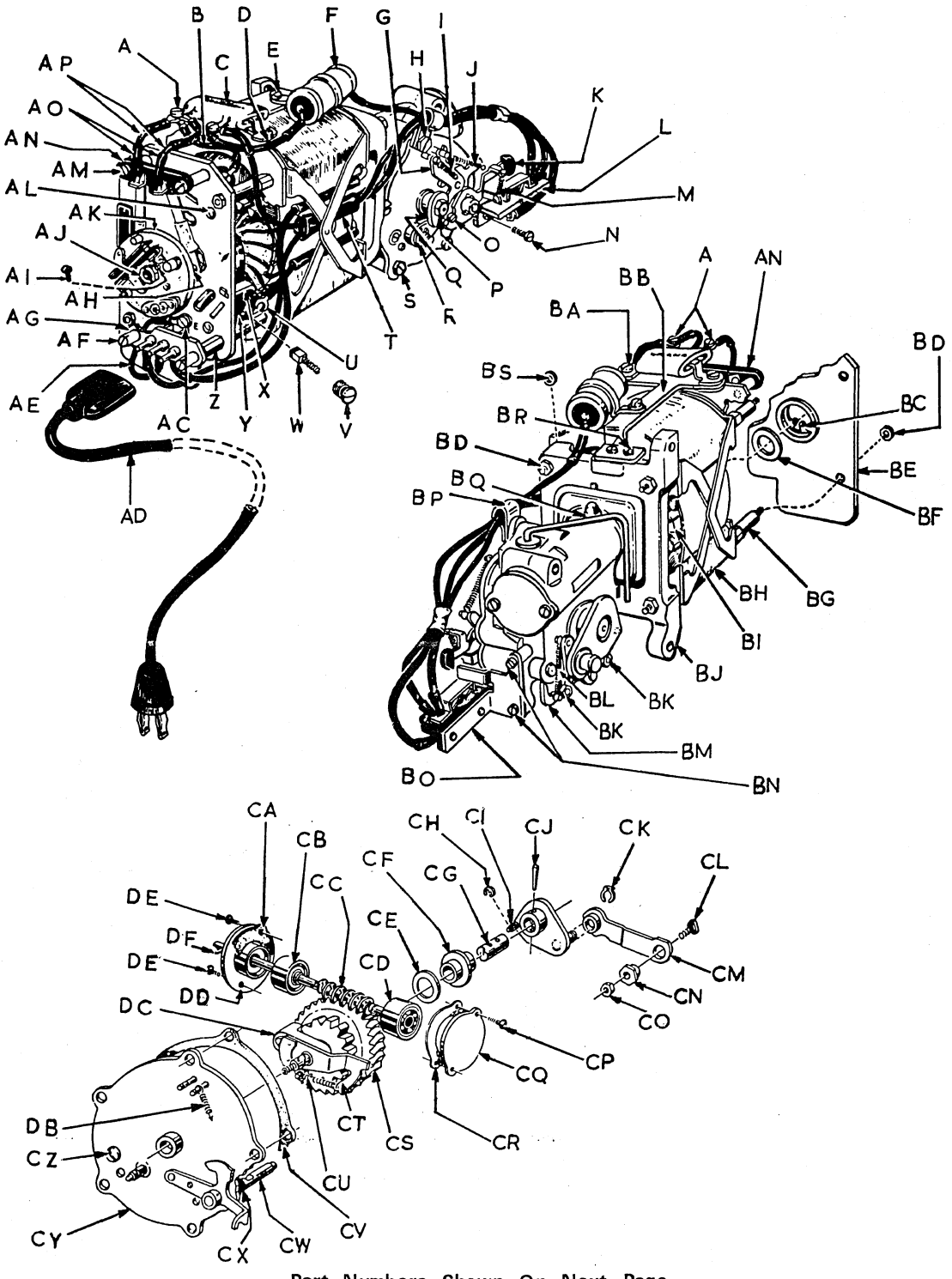
Power

PART NUMBERS (Plate VI-27)

Ref.	Part Number	Description
MO 1	See Plate VI-26	motor
C 1	**1033 5651**	capacitor
CD 1	Part of Stator	wire, motor to left side of line cord receptacle
CD 2	**1021 1951**	wire, 3 3/8" long; ground
CD 3	**1033 4894**	wire, 14 1/8" long; handle switch to right side of receptacle
CD 4	**1033 4878**	wire, 5 1/4" long; resistor to motor
CD 5	**1033 4886**	wire, 2 1/4" long; motor switch to resistor
CD 6	**1033 4910**	wire, 3" long; toward brush holder to resistor
CD 7	**1033 4902**	wire, 17 1/4" long; motor switch to handle switch
CD 8	**1033 4928**	wire, 2 1/2" long; rear brush holder to resistor
GV 1	**1033 4738**	governor
JS 1	**1218 7233**	receptacle, line cord, ground automatic with this part
	1034 8688	female crimp type connector to suit male connector of JS 1
R1	See Ref. AF Plate VI-26	resistors
SW 1	**1033 5362**	switch, motor
SW 2	**1027 8554**	switch, handle

Power

TYPE P, LEE GOVERNOR, MOTOR AND DRIVE (Plate VI-28)



Part Numbers Shown On Next Page

Power

PART NUMBERS (Plate VI-28)

Note 1 This Type P drive unit is subject to the changed lubrication system, see Note 1 of Plate VI-29.

Note 2 Complete motor and drive units, motors only, drive units only, as illustrated, are no longer available. Use the appropriate complete motor and drive unit shown on Plate VI-29.

√A	**1010 8710**	screw, use 1010 0469 nut
B	---- ----	lead wire, no longer available
C	---- ----	resistor
	1030 5415	250 ohms, for 115V
	1344 6323	465 ohms, for 150V
	1030 5464	1200 ohms, for 220V
	1034 9066	1460 ohms, for 250V
D	---- ----	lead wire, no longer available
E	**1025 9554**	screw
F	---- ----	capacitor
	1053 7249	with tapered terminals
√	**1221 3203**	with parallel terminals
G	**1215 3698**	actuator arm
H	**1011 2662**	screw
I	**1026 9777**	spring
J	**1011 3165**	spring
√K	---- ----	trip arm, no longer available, see ref. L
√L	---- ----	open type switch shown, no longer available. Use 1216 1865 micro-switch, 1053 3404 trip arm, 1257 0560 screw, 1256 5206 nut, 1010 8579 washer, 1256 7707 lock-washer, 1010 0212 clip, 1034 8720 (3) terminals, 1224 4844 switch bracket, 1028 0295 adjusting plate, 1035 2664 eccentric, 1035 1278 screw, 1028 7787 spring, 1026 9777 spring
M	**1027 6806**	spring, shown
	1028 7787	spring for ref. L consistency
N	**1010 9163**	screw
O	**1011 2548**	screw
P	**1010 0311**	nut
Q	**1027 8679**	cam
R	**1026 7060**	clip
√S	**1011 2654**	screw, use 1010 0311 nut
T	**1028 2192**	insulating sleeve
U	**1054 3650**	spade type terminal
V	**1052 8990**	brush cap
√W	**1221 3146**	brush and spring assembly
√X	---- ----	brush holder clip shown, no longer available, see ref. BE
√Y	---- ----	brush holder shown, no longer available, see ref. BE
Z	---- ----	spacers for receptacle AG
	1221 3120	left
	1221 3161	right, use 1010 0360 nut
AC	**1013 2918**	screw
AD	---- ----	for linecords, see Plate VI-38
AE	**1220 7312**	ground wire. Not required with improved receptacle AG
AF	**1220 0259**	screw
AG	**1218 7233**	three pin receptacle, provides ground without ground wire AE
AH	**1028 2176**	brush for governor
AI	**1028 1368**	adjusting screw
AJ	**1028 1442**	nut
AK	**1220 0390**	speed governor
√AL	---- ----	screw for brush holder clip, no longer available, see ref. BE
AM	---- ----	screw
	1010 9163	for early motor end plate
	1303 1364	for motor end plate, see ref. BE
AN	**1220 0457**	governor brush holder
AO	**1030 4988**	insulator
AP	---- ----	lead wire, no longer available
BA	**1025 9554**	screw
BB	**1220 0382**	bracket
BC	**1220 0143**	tru-arc ring
BD	**1010 0311**	nut
√BE	---- ----	motor end plate shown, no longer availabl e. Use 1221 3377 motor end plate, 1053 1689 (2) brush holders, 1218 9619 insulator, 1027 6525 (4) screws, 1303 1364 (2) screws for AN, 1221 3146 (2) brush and spring
BF	**1049 8582**	washer
BG	**1220 0234**	tie rod, use 1255 1909 clip
BH	---- ----	stator assembly
	1221 3443	115V

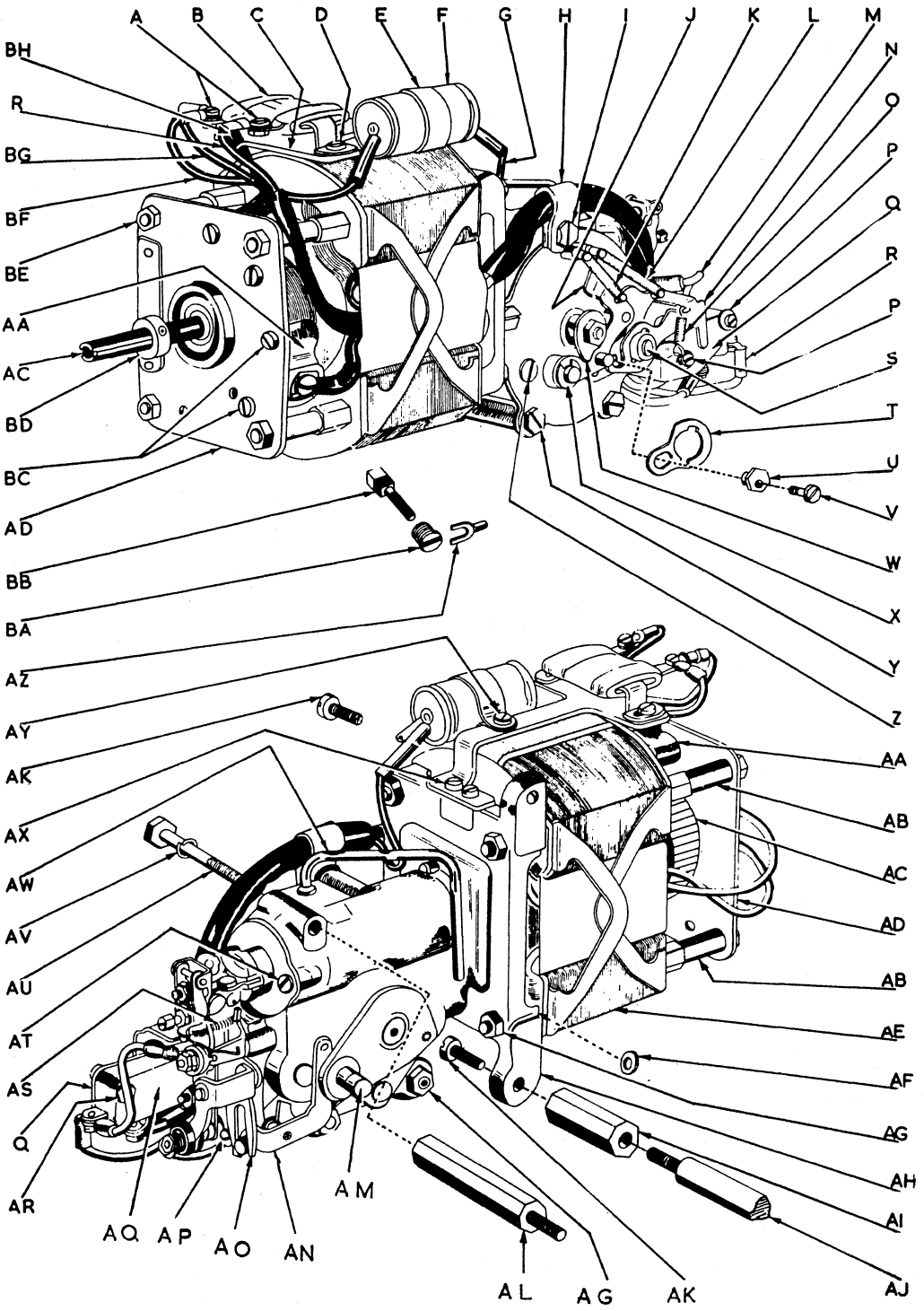
Power

PART NUMBERS (Plate VI-28) - Continued

	1221 3450	150V
	1221 3468	220V
	1221 3476	250V
√BI	---- ----	armature
	1225 8563	115V } Parts for 150V and 220V no longer available
	1225 8687	250V }
BJ	---- ----	drive housing, no longer available
BK	1010 0311	nut
BL	1027 7747	spring
BM	1027 8695	latch assembly
√BO	---- ----	bracket shown, no longer available, see ref. L
√BP	---- ----	plastic clip replaced by 1035 0940 (2) metal clips
√BQ	---- ----	breather tube, no longer available
BR	1027 6533	screw
BS	1053 3503	washer (.010" thick)
CA	1028 1772	oil seal
CB	---- ----	ball bearing is part of CC
CC	1225 3076	worm shaft, includes CB and CD
CD	---- ----	ball bearing is part of CC
CE	1027 8794	washer
√CF	---- ----	bearing
	1028 0857	for drive with oil sump lubrication
	1853 2853	for drive, see Note 3, Plate VI-32
√CG	---- ----	see ref. BI and Note 1 of Plate VI-32 for drive shaft detail
CH	1030 0374	clip
CI	1013 1373	roller
CJ	1028 7050	pin, early
	1256 8929	pin, late, increased size
CK	1010 0089	clip
CL	1011 2647	screw
CM	---- ----	pitman arm
	1011 1730	for all machines, except P400
	1016 2212	for P400 machines
CN	1011 2332	eccentric
CO	1010 0337	nut
CR	1027 6533	screw
√CQ	---- ----	front end cap, no longer available
CR	1028 1780	oil seal
√CS	---- ----	see ref. BH and Note 1 of Plate VI-32 for worm wheel detail
√CT	1027 9651	clutch dog actuator
CU	1027 7457	spring
CV	1028 1707	gasket
CW	1027 8109	clutch release shaft
CX	1011 3173	oil seal
√CY	---- ----	see ref. BL and Note 1 of Plate VI-32 for cover plate detail
CZ	1028 1194	screw
DB	1011 3165	spring
DC	1028 1137	clutch dog
√DD	---- ----	rear end cap, no longer available
DE	1035 0809	screw
DF	1028 1012	pin

Power

TYPE P, CENTRIFUGAL GOVERNOR, MOTOR AND DRIVE (Plate VI-29)



Part Numbers Shown On Next Page

Power

PART NUMBERS (Plate VI-29)

Note 1 This unit no longer requires "oil sump" lubrication. Worm shaft and wheel teeth should be lightly greased; clutch dog, actuator and bearings sprayed with machine oil. See Note 4 for exception.

Note 2 From August 1972 units equipped with original parts BI, BH and BL, Plate VI-32, revised January 1974, identified by a yellow painted oil filler hole screw, are lubricated as Note 1.

Note 3 From October 1973 units equipped with simplified parts BI, BH and BL, Plate VI-32, revised January 1974, identified by a red painted oil filter screw and by the lack of all oil seals (gaskets), are lubricated as Note 1. Removal of oil hole screw provides final identification.

Note 4 Any early unit fitted with a phosphor bronze worm wheel must continue to be "oil sump" lubricated.

Note 5 Parts marked with asterisk * will become 'no longer available' as stock is exhausted.

Complete assembled motor and drive

	1221 3237	100V	For Classes 8-9-10, steel case, steel base machines; Series P100,P200,P300,
	1222 3590	115V	P2100,P2200,P2310, die cast case and base machines; Series P1000, P3000,
	1222 3608	150V	plastic case, steel base machines; Series P2200,P2300,P2400,P3200,P3400,
✓	**1053 1697**	220-250V	P3600,P7400,P7600,P7700,P8300 plastic case and plastic base machines.

	1221 3245	100V	For Series P400,P600 die cast case and base machines; Series P5000,P9000,
	1222 3632	115V	plastic case and plastic base machines - without M.R.C.
	1222 3640	150V	
	1222 3657	220-250V	

	1221 3229	100V	For Series P600, die cast case and base machines; Series P5000,P9000 plastic
	1222 3558	115V	case and plastic base machines - with M.R.C.
	1222 3566	150V	
	1222 3574	220-250V	

A	**1010 8710**		screw, use 1010 0469 nut 1010 9403 washer, 1256 7707 lockwasher
B	---- ----		resistor
✓	**1030 5415**		250 ohms, for 100-115V
	1344 6323		465 ohms, for 150V
	1034 9066		1460 ohms, for 220-250V
C	**1220 0382**		bracket
D	**1025 9554**		screw, use 1256 7715 lockwasher
E	**1221 3211**		capacitor clip
✓F	---- ----		capacitor
	1053 7249		with taper terminal, each end
	1221 3203		with parallel terminal, each end
	1218 9627		with twin wire leads, one end
✓G	**1220 7213**		wire, capacitor to switch. For Note 2 and 3 units this wire is part of 1218 9627, ref. F
✓H	---- ----		plastic clip, no longer used, use 1035 0940 (2) metal clips
I	**1011 2662**		screw
J	**1215 3698**		actuator arm
K	**1026 9777**		spring
L	**1011 3165**		spring
✓M	**1853 3893**		wire, governor to switch
N	**1053 3404**		switch actuating arm
O	**1028 7787**		spring
P	**1257 0560**		screw, use 1010 8579 washer, 1256 5206 nut, 1256 7707 lockwasher
✓Q	**1224 4471**		switch bracket, improved
R	**1220 7205**		wire, switch to resistor
S	**1027 8109**		clutch release shaft
T	**1028 0295**		adjusting plate
U	**1035 2664**		eccentric
V	**1035 1278**		screw
W	**1027 8679**		cam
X	**1026 7060**		clip
Y	**1011 2654**		screw
Z	**1028 1194**		screw
AA	**1053 1689**		brush holder, use 1218 9619 insulator
AB	**1220 0234**		tie rod, use 1255 1909 clip
AC	---- ----		armature, NON M.R.C.
	* **1225 8281**	100V	2" lamination stack
	* **1225 8299**	115V	
	* **1225 8307**	150V	
	* **1225 8315**	220-250V	

*When stock is echausted use 1½" lamination stack armatures

Power

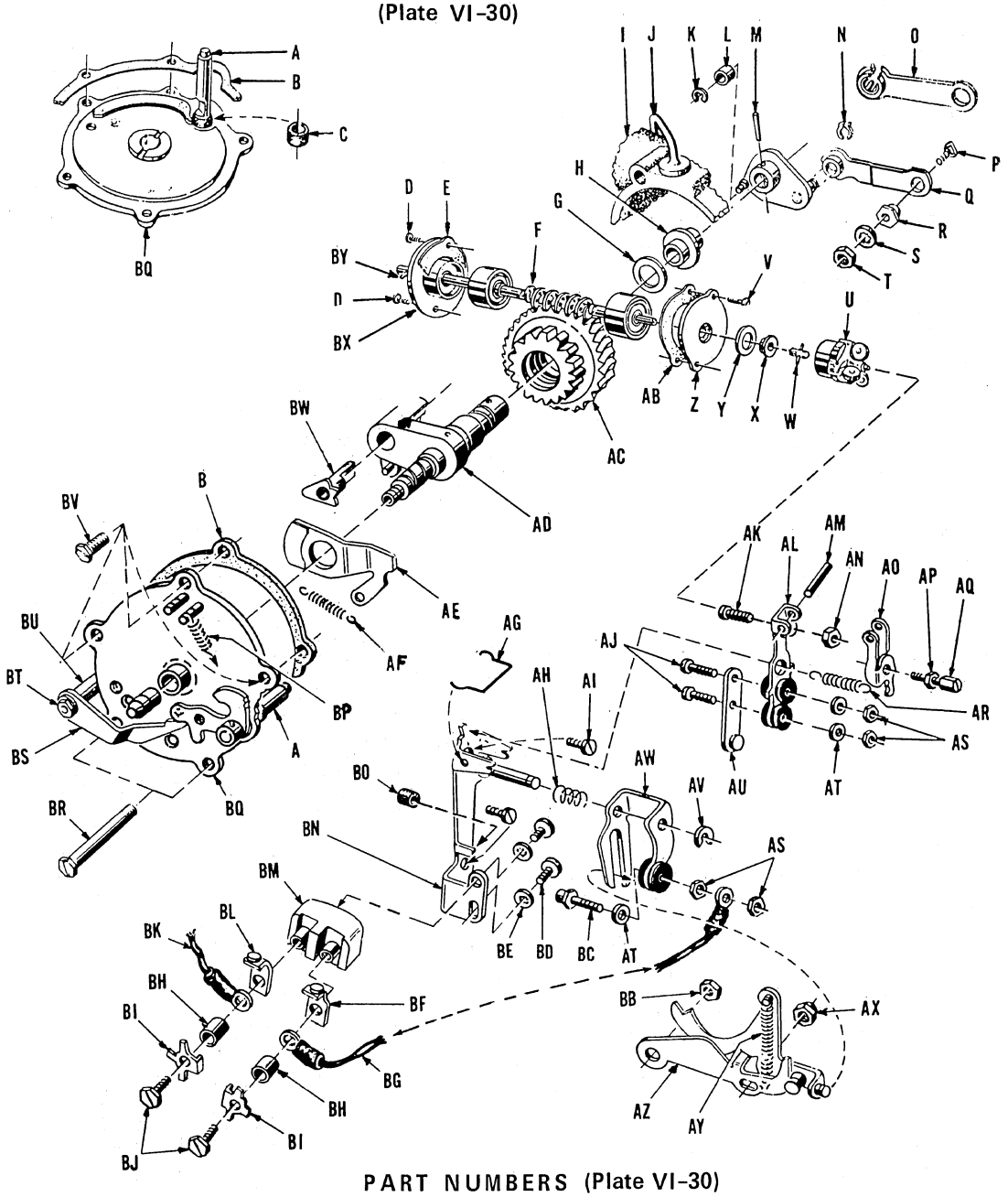
PART NUMBERS (Plate VI-29) - Continued

	1853 2747	100V	1½" lamination stack
	1853 2721	115V	
	1853 2739	150V	
	1853 2754	220-250V	
	---- ----	armature, M.R.C.	
	1225 8240	100V	2" lamination stack
	1225 8257	115V	
	1225 8265	150V	
	1225 8273	220-250V	
AD	1221 3351	motor end plate, use 1220 0143 tru-arc retainer and 1218 9619 insulator	
✓ AE	---- ----	stator, 1½" lamination stack	
	1853 2713	100V	For NON M.R.C. use 1½" or 2" stack armatures
	1853 2622	115V	
	1853 2697	150V	
	1853 2705	220-250V	
	---- ----	stator, 2" lamination stack	
	1221 3427	100V	For M.R.C. use with 2" stack armature only
	1221 3393	115V	
	1221 3401	150V	For Non M.R.C. use 1½" or 2" stack armatures
	1221 3419	220-250V	
AF	1053 3503	washer, .010" thick	
AG	1010 0311	nut	
AH	1053 6969	drive housing only	
AI	---- ----	drive unit mounting post	
	1011 2274	for 10 col. construction	
	1220 7585	for 13 col. construction	
AJ	---- ----	tie shaft	
	1011 0781	for 10 col. construction	
	1220 7031	for 13 col. construction	
AK	1011 2670	screw	
AL	---- ----	drive unit mounting post	
	1011 2696	for 10 col. construction	
	1220 7478	for 13 col. construction	
AM	---- ----	repair stud, only	
	1034 5270	for P400, P600, P5000, P9000	
	1034 5346	for all other styles	
AN	1027 8695	latch	
AO	1033 5131	contact point assembly	
AP	1027 6533	screw	
AQ	1216 1865	micro-switch	
AS	1011 3116	spring	
AT	1027 6533	screw	
AU	1220 7593	screw	
AV	---- ----	lockwasher, not required	
✓ AW	---- ----	breather tube, no longer available	
	1853 3562	plastic plug, replaces breather tube	
AX	1027 6533	screw	
AY	1025 9554	screw	
AZ	1054 3650	spade terminal	
BA	1052 8990	brush cap screw	
BB	1221 3146	brush and spring assembly	
✓ BC	1027 6525	screw; use 1853 4743 screw, self tapping, for brush holder without threaded inserts	
BD	1062 0698	set collar, includes 1303 1836 screw	
BE	1010 0311	nut, use 1221 3492 shoulder nut for suppressor unit	
BF	1220 0101	wire, resistor to upper brush holder	
BG	1220 7189	wire, capacitor to resistor. Wire is now part of improved capacitor F	
BH	1220 7221	wire, governor to resistor	

Power

DRIVE DETAIL, TYPE 3 CONTROLLED SPEED MOTOR, BEFORE P388150D

(Plate VI-30)



PART NUMBERS (Plate VI-30)

	---- ----	complete assembled drive
	1033 4845	for P400,P600,P5000 and P9000
A	1027 8091	latching shaft assembly
B	1028 1707	gasket
C	1011 3173	oil seal
D	1010 8983	screw
E	---- ----	gasket
	1028 1772	before P388150D
	1033 5230	after P388149D
F	---- ----	worm shaft
	1027 8190	before P388150D
	1033 4621	after P388149D
G	1027 8794	thrust washer
H	---- ----	bearing
	1028 0857	for gear with recessed back
	1028 0840	for gear without recessed back
I	---- ----	drive housing
	1028 1897	with bearing 1028 0840, ref. H

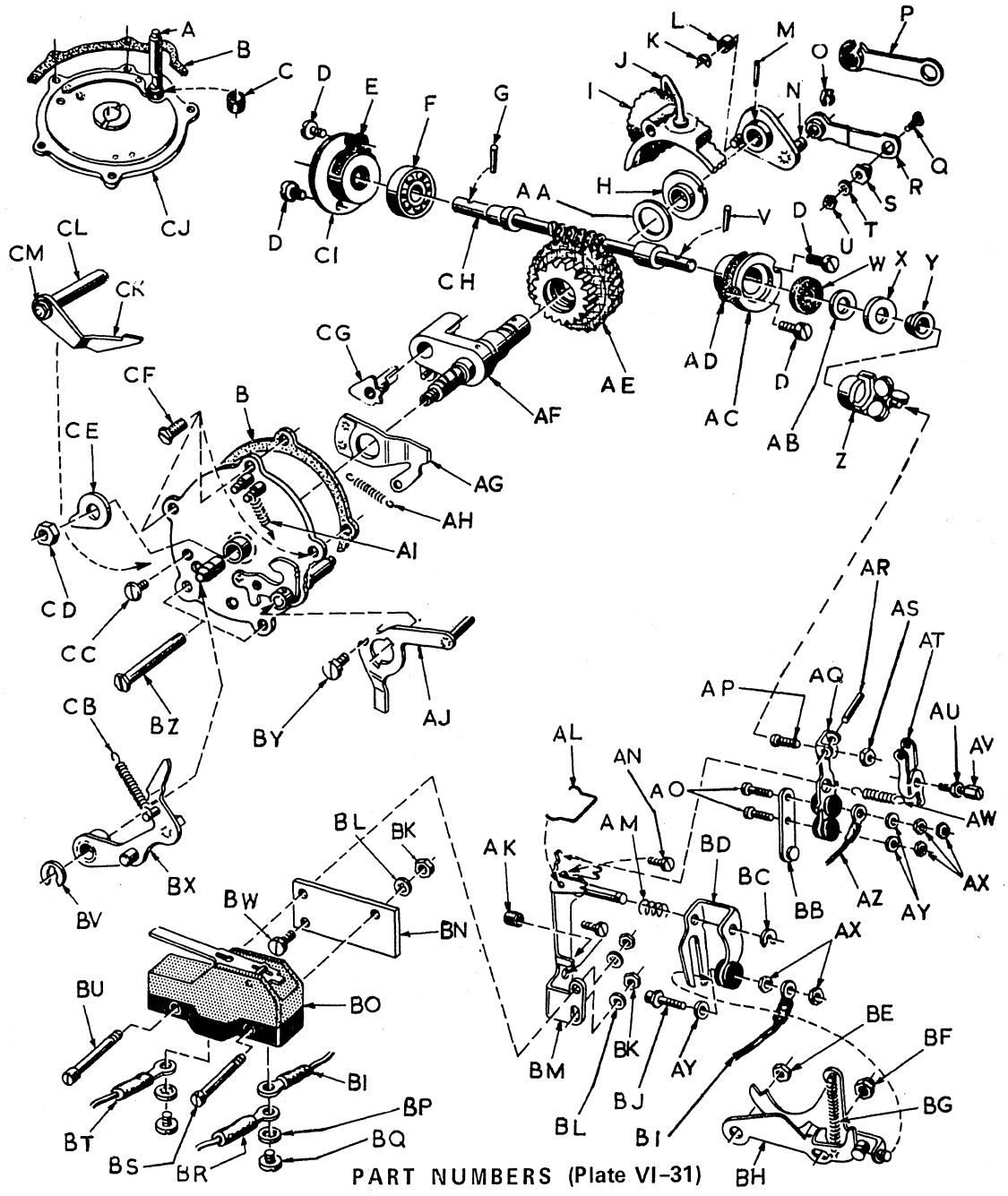
Power

PART NUMBERS (Plate VI-30) – Continued

	1028 1889	with bearing 1028 0857, ref. H
J	1028 1483	breather tube
K	1030 0374	clip
L	1013 1373	roller
M	1256 8929	pin
N	1010 0089	clip
O	1016 2212	pitman arm, for P400, P5000, P600, P9000
P	1011 2647	screw
Q	1011 1730	pitman, arm for all styles except P400,P5000,P600,P9000
R	1011 2332	eccentric
S	1010 4354	lockwasher
T	1010 0337	nut
U	1028 1905	governor weight assembly
V	1010 8983	screw
W	1026 7250	pin
X	1035 0254	flanged collar
Y	1026 9389	washer
Z	---- ----	end cap
	1028 0782	before P388150D
	1033 5180	after P388149D
AB	1028 1780	gasket
√AC	---- ----	see ref. BH and Note 1 of Plate VI-32, for worm wheel detail
√AD	---- ----	see ref. BI and Note 1 of Plate VI-32, for drive shaft detail
AE	1027 9651	actuator arm
AF	1027 7457	spring
AG	1028 1939	wire clip
AH	1011 3124	compression spring
AI	1010 4610	screw
AJ	1027 7655	screw
AK	1028 1624	screw
AL	1033 5123	governor arm assembly complete, includes AU, AK, AL, AN, AO, AP, AQ, AS, AT, AU
√AM	---- ----	part of AL
AN	1010 0410	nut
√AO	---- ----	part of AL
AP	1010 0469	nut
AQ	1028 1350	screw
AR	1011 3116	spring
AS	1010 0469	nut
AT	1010 9403	washer
AU	1027 8547	contact point
AV	1010 0154	clip
AW	1033 5131	contact point assembly, includes BC, AT and AS
AX	1048 9912	shoulder nut
AY	1027 7747	spring
AZ	1027 8695	latch
BB	1010 0311	nut
BC	1028 1301	contact point
BD	1010 8983	screw
BE	1256 7715	lockwasher
BF	1028 0410	switch point
BG	1028 1913	wire
BH	1027 3290	collar
BI	1027 1062	lockwasher
BJ	1028 1103	screw
BK	---- ----	wire
	1027 0999	8¾" long
	1027 1005	10 11/16" long
BL	1046 1622	switch point
BM	1028 2200	terminal block
BN	1028 0576	bracket only
	1033 5149	complete bracket and contact point assembly
BO	1012 2695	rubber cushion
BP	1011 3165	spring
√BQ	---- ----	drive cover plate
*	1033 4795	cover plate only
	1033 4803	cover plate, includes A and C
	*	See ref. BL and Note 1 of Plate VI-32
BR	1011 2654	screw
BS	1011 1201	trip arm
BT	1010 0378	nut, use 1010 4164 washer and 1256 7715 washer
BU	---- ----	motor trip shaft
	1011 0757	10 column construction
	1011 0773	13 column construction
BV	1011 2662	screw
BW	1028 1137	clutch dog
BX	---- ----	end cap
	1028 0766	before P388150D
	1033 5164	after P388149D
BY	1028 1012	pin

Power

DRIVE DETAIL, TYPE 3 CONTROLLED SPEED MOTOR, AFTER P388149D (Plate VI-31)



PART NUMBERS (Plate VI-31)

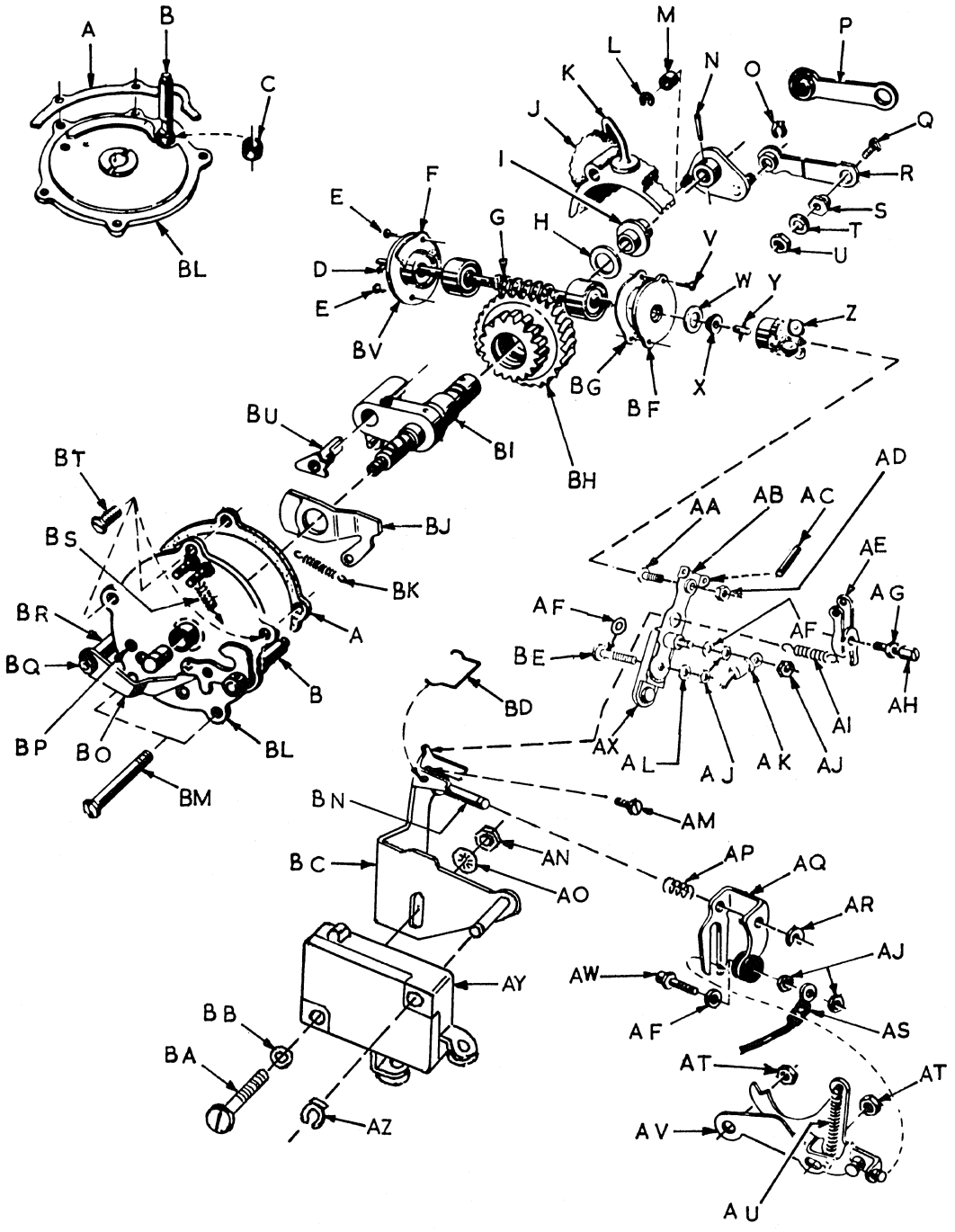
	---- ----	See Plate VI-30 for complete assembled drive units
A	1027 8091	latching shaft assembly
B	1028 1707	gasket
C	1011 3173	oil seal
D	1010 8983	screw
E	1033 5230	gasket
F	1033 5255	ball bearing
G	1028 1012	pin
H	1028 0824	bearing
I	1033 4837	housing only
J	1033 5248	breather tube
K	1030 0374	clip
✓L	1013 1373	roller
M	1256 8929	pin

PART NUMBERS (Plate VI-31) – Continued

N	---- ----	repair stud
	1034 5346	for all styles except P400, P600, P5000, P9000
	1034 5270	for P400, P600, P5000, P9000
O	1010 0089	clip
P	1016 2212	pitman arm for P400, P5000, P600 and P9000
Q	1011 2647	screw
R	1011 1730	pitman arm for all styles except P400, P600, P5000, P9000
S	1011 2332	eccentric
✓T	1010 4354	lockwasher
U	1010 0337	nut
V	1026 7250	pin
W	1028 1731	leather washer
X	1026 9389	washer
Y	1035 0254	flanged collar
Z	1028 1905	governor weight assembly
AA	1027 8794	thrust washer
AB	1027 8596	washer
AC	1033 5180	end cap
AD	1028 1780	gasket
✓AE	---- ----	see ref.BH, and Note 1, Pl. VI-32
✓AF	---- ----	see ref.BI, and Note 1, Pl. VI-32
AG	1027 9651	actuator
AH	1027 7457	spring
AI	1011 3165	spring
AJ	1021 2090	switch actuating arm
AK	1012 2695	rubber cushion
AL	1028 1939	wire clip
AM	1011 3124	spring
AN	1010 4610	screw
AO	1027 7655	screw
AP	1028 1624	screw
✓AQ	---- ----	see ref. AL, Plate VI-30
✓AR	---- ----	part of AQ
AS	1010 0410	nut
✓AT	---- ----	part of AQ
AU	1010 0469	nut
AV	1028 1350	screw
✓AW	1011 3116	spring
AX	1010 0469	nut
AY	1010 9403	washer
AZ	1027 1005	lead wire, governor to resistor
BB	1027 8547	contact point
BC	1010 0154	clip
BD	1033 5131	contact point assembly, complete
BE	1010 0311	nut
BF	1048 9912	shoulder nut
BG	1027 7747	spring
BH	1027 8695	latch
BI	1028 1913	wire
BJ	1028 1301	contact point
BK	1010 0378	nut
BL	1256 7715	lockwasher
✓BM	1033 5149	bracket and contact point assy.
	1028 0576	bracket only
BN	1021 4567	plate
BO	1034 5395	switch, includes BP, BQ
BP	---- ----	part of BO
BQ	---- ----	part of BO
BR	1027 1013	wire, switch to resistor
BS	1018 0255	screw
BT	1027 0981	wire, switch to upper brush holder
BU	1024 9654	screw
BV	1026 7060	clip
BW	1010 8983	screw
BX	1215 3698	actuator
BY	1010 4248	screw
BZ	1011 2654	screw
CB	1027 7475	spring
CC	1028 1194	screw
CD	1010 0311	nut
CE	1027 8679	cam
CF	1011 2662	screw
CG	1028 1137	clutch dog
CH	1033 4621	worm shaft
CI	1033 5164	end cap
✓CJ	---- ----	drive cover plate
	* 1033 4795	cover plate only
	1033 4803	cover plate, includes A and C
		* See ref. BL and Note 1 of Plate VI-32
✓CK	1011 1201	trip arm
CL	---- ----	motor trip shaft
	1011 0757	10 column construction
	1011 0773	13 column construction
CM	1010 0378	nut, use 1010 4164 washer and 1256 7715 lockwasher

√DRIVE DETAIL, TYPE P CENTRIFUGAL GOVERNOR MOTOR AND DRIVE

(Plate VI-32)



Part Numbers Shown On Next Page

Power

√PART NUMBERS (Plate VI-32)

Note 1 This unit no longer requires "oil sump" lubrication. Worm shaft and wheel teeth should be lightly greased; clutch dog, actuator and bearings sprayed with machine oil. See Note 4 for exception.

Note 2 From Aug. 1972 units equipped with original parts BI, BH and BL, identified by a yellow painted oil filler hole screw, are lubricated as Note 1.

Note 3 From Oct. 1973 units equipped with simplified parts BI, BH and BL, identified by a red painted oil filler hole screw and by the lack of all oil seals (gaskets), are lubricated as Note 1. The removal of the oil filler hole screw provides final identification.

Note 4 Any early drive unit using a phosphor bronze worm wheel must continue to be "oil sump" lubricated.

Note 5 * Part marked with asterisk will be 'n c lon ger available' as stock is exhausted.

A	1028 1707	gasket, not required for Note 3 drive unit
B	1027 8109	clutch release shaft
C	1011 3173	oil seal, required only for oil sump lubrication
D	1028 1012	pin
E	1035 0809	screw for rear cap
F	1028 1772	gasket, not required for Note 3 drive unit
G	1220 7049	worm shaft complete with ball bearings
H	1027 8794	thrust washer
I	---- ----	bearing
	1028 0857	for early drive units
	1853 2853	for Note 3 drive unit
J	1053 6969	housing only
K	---- ----	breather tube no longer available
	1853 3562	plastic plug, replaces breather tube
L	1030 0374	clip
M	1013 1373	roller
N	---- ----	taper pin
	1028 7050	for early drive units
	1256 8929	for late drive units, increased diameter
O	1010 0089	clip
P	1016 2212	pitman arm for P400, P5000, P600 P9000 machines
Q	1011 2647	screw
R	1011 1730	pitman arm for all styles except P400, P5000, P600, P9000
S	1011 2332	eccentric
T	1010 4354	lockwasher
U	1010 0337	nut
V	1027 6533	screw for front cap
W	1026 9389	washer
X	1035 0254	flanged collar
Y	1026 7250	pin
Z	1028 1905	flyball governor
AA	1028 1624	adjusting screw
AB	1216 2798	complete governor contact arm assembly, includes AA,AC,AD, AE,AF(2),AG,AH,AJ(2),AL,AX,BE
AC	---- ----	part of AB
AD	1010 0410	nut
AE	---- ----	part of AB
AF	1010 9403	washer
AG	1010 0469	nut
AH	1028 1350	adjusting screw
AI	1011 3116	spring
AJ	1010 0469	nut
AK	1853 3893	wire, governor to switch
AL	1028 8660	washer
AM	1027 6533	screw, upper and lower
AN	1256 5206	nut
AO	1256 7707	lockwasher
AP	1011 3124	compression spring
AQ	1033 5131	contact point arm, includes AJ, AF and AW
AR	1010 0154	clip
AS	1220 7221	wire, governor to resistor
AT	1010 0311	nut
AU	1027 7747	spring
AW	1028 1301	contact point
AX	1216 2772	contact point in moulded housing
AY	1216 1865	microswitch, includes terminal screws and lockwashers
AZ	1010 0212	clip
BA	1257 0560	screw
BB	1010 8579	washer
BC	1224 4471	bracket for microswitch
BD	1028 1939	wire clip
BE	1027 7655	screw
BF	---- ----	front end cap
	* 1028 0782	part shown. When part is no longer available use 1853 2770 and discard gasket BG
	1853 2770	for Note 3 drive unit
BG	1028 1780	gasket, not required for Note 3 drive unit
BH	---- ----	worm wheel assembly
	* 1033 5206	plastic wheel
	* 1813 0427	phosphor bronze wheel

* when these parts are no longer available use 1853 2895 worm wheel;

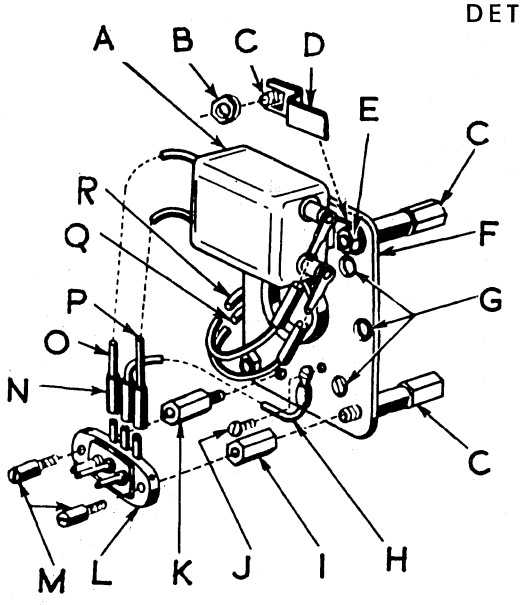
Power

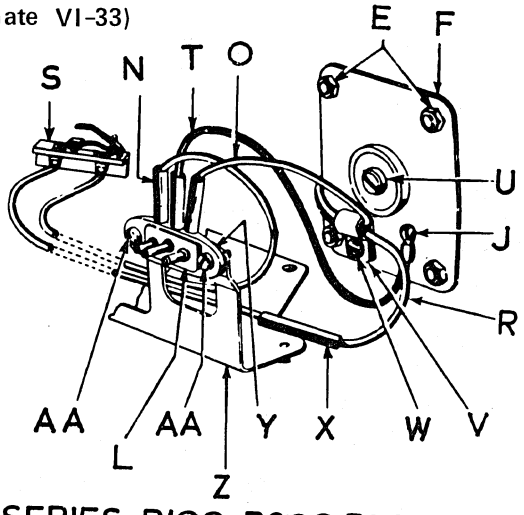
PART NUMBERS (Plate VI-32) — Continued

BH	---- ----	continued 1853 2796 or 1853 2440 drive shaft, see ref. BI; 1853 2820 cover plate and discard gasket A
	1853 2895	plastic wheel for Note 3 drive unit
BI	---- ----	drive shaft assembly
*	**1027 8075**	part shown, for all machines except P400, P5000 P600, P9000
*	**1044 3935**	for P400, P5000, P600 and P9000 machines
		* when these parts are no longer available use, 1853 2796 or 1853 2440 drive shaft, 1853 2820 cover plate; 1853 2895 worm wheel and discard gasket A
	1853 2796	for Note 3 drive unit, all machines except P400, P5000, P600, P9000
	1853 2440	for Note 3 drive unit, for P400, P5000, P600 and P9000 machines
BJ	**1027 9651**	clutch dog actuator
BK	**1027 7457**	spring
BL	---- ----	drive cover plate
*	**1053 5623**	part shown, includes B and C
*	**1033 4795**	cover plate only
		* when these parts are no longer available use, 1853 2820 cover plate; 1853 2796 or 1853 2440 drive shaft, see ref. BI; 1853 2895 worm wheel and discard gasket A
	1853 2820	cover plate only, for Note 3 drive unit
BM	**1011 2654**	screw
BN	---- ----	part of BC
BO	**1011 1201**	trip arm
BP	**1028 1194**	screw
BQ	**1010 0378**	nut, use 1010 4164 washer, 1256 7715 lockwasher
BR	---- ----	trip shaft
	1011 0757	10 column construction
	1011 0773	13 column construction
BS	**1011 3165**	spring
BT	**1011 2662**	screw
BU	**1028 1137**	clutch dog
BV	---- ----	rear end cap
*	**1220 0481**	part shown, When part is no longer available use 1853 3919 and discard gasket F
	1853 3919	for Note 3 drive unit

Power

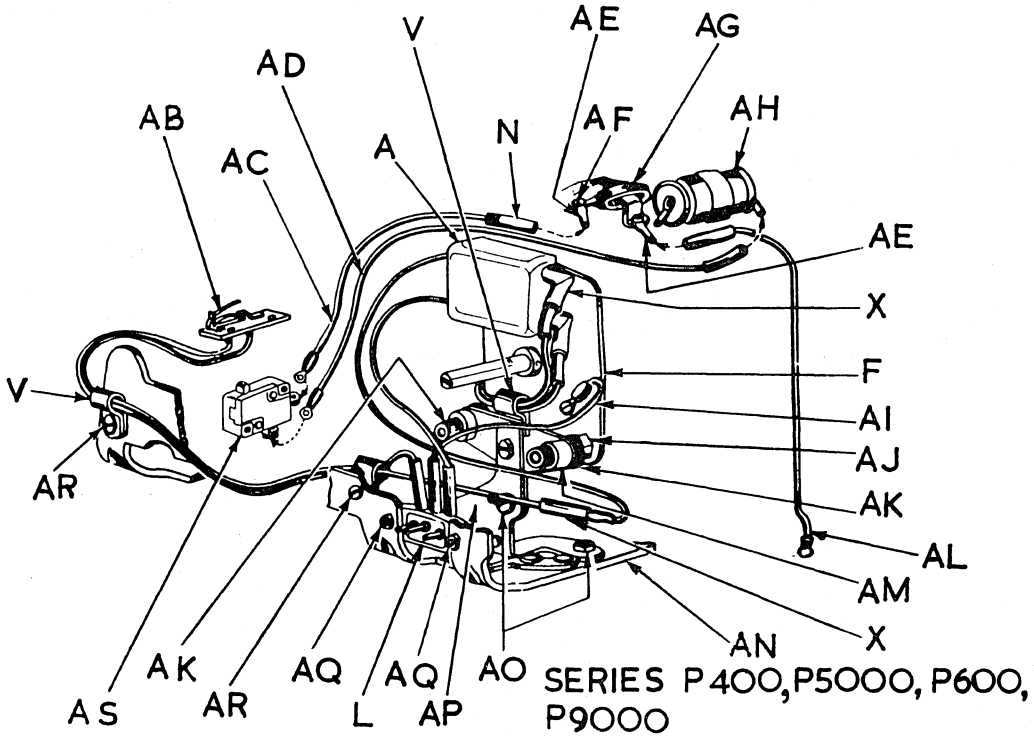
TYPE P CENTRIFUGAL GOVERNOR MOTOR AND DRIVE-MOTOR END PLATE DETAIL (Plate VI-33)





SERIES P100, P200, P300, P2100, P2200, P2300

CLASS 8-9-10, SERIES P1000



SERIES P400, P5000, P600, P9000

Note : See Plate VI-34, revised January 1974, for wiring diagrams and Plate VI-38, revised January 1974, for note on polarity of line cords.

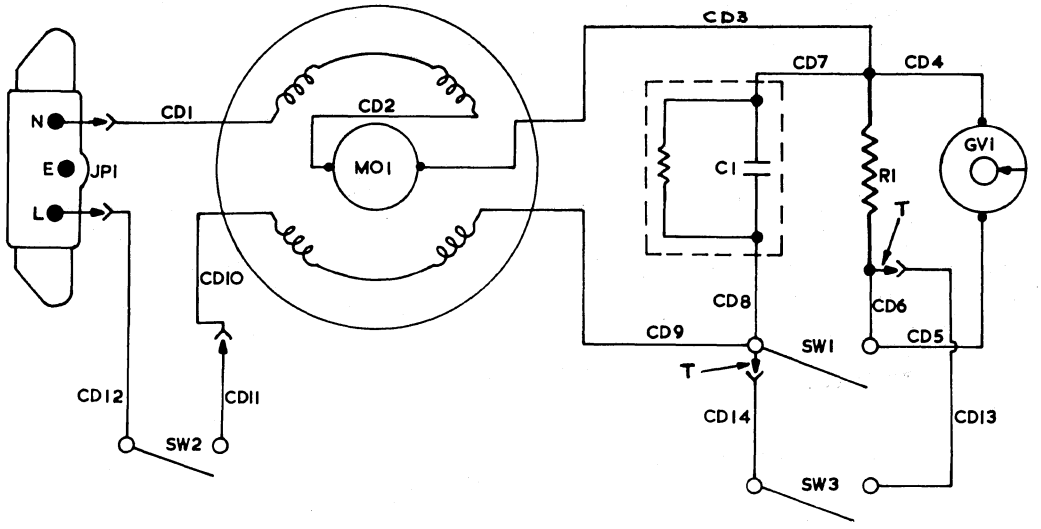
Power

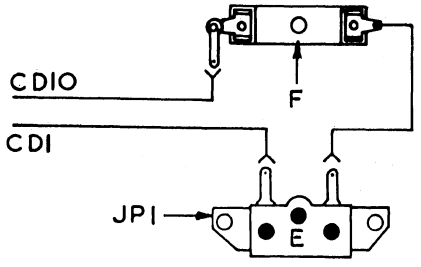
PART NUMBERS (Plate VI-33)

✓A	---- ----	see Plate VI-35 for radio and television interference suppression detail
B	1221 3492	shoulder nut for right side of suppressor or fuse holder bracket
C	1220 0234	tie rod, use 1255 1909 clip
✓D	---- ----	see Plate VI-35, ref. B
E	1010 0311	nut
F	1221 3351	motor end plate, use 1218 9619 full area insulator
G	1027 6525	screw, use 1853 4743 self tapping screw for brush holder without inserts
✓H	---- ----	ground wire, not required when three pin receptacle, ref.L, is used
I	1221 3120	hexagon post
J	1013 2918	screw
K	1221 3161	hex. post, use 1010 0360 nut
✓L	1218 7233	three pin receptacle, provides ground through posts I and K or through sub-base
M	1220 0259	screw
N	1027 1625	insulating sleeve
O	---- ----	part of A
P	---- ----	part of A
Q	---- ----	part of stator
R	---- ----	part of stator
✓S	---- ----	handle side microswitch with lead wires
	1053 9864	for Series P100,P200,P300, P2100, P2200, P2300, with die cast case case and base. Also for P2215, P2313,P2315,P2323,P2325,P2415 with plastic case and base
	1220 7114	for all of the above styles fitted with W2(S) shuttle carriage
✓T	---- ----	ground wire, not required when three pin receptacle, ref. L, is used
U	1010 5385	screw
V	1010 3083	plastic clip
✓W	1010 8421	screw, use 1010 0360 nut
X	1221 3740	insulating sleeve
Y	1300 1508	speed nut
✓Z	---- ----	rear support for die cast case and base machines
	1027 7804	for NA-2 carriage
	1011 0385	for W2 carriage
	1220 2347	for W2(S) shuttle carriage
	---- ----	see Plate VII-8-4 for sub-base detail for machines with plastic case and plastic base
AA	---- ----	screw
	1256 0884	used with speed nut Y
	1010 9601	used when Z is tapped for screw
✓AB	---- ----	handle side micro-switch with lead wires
	1220 7106	for series P400,P5000,P600,P9000
	1215 6030	for series P400,P5000 with B(S) shuttle carriage
AC	1216 1840	wire, M.R.C. switch to resistor
AD	1216 1857	wire, M.R.C. switch to capacitor or motor switch
AE	1026 9041	male connector
AF	1010 8710	screw, use 1010 0469 nut and 1010 9403 washer
✓AG	---- ----	see Plate VI-29, ref.B, for resistors
✓AH	---- ----	see Plate VI-29, ref.F, for capacitors
✓AI	---- ----	ground wire, not required when three pine receptacle ref. L is used
AJ	1221 3484	post
AK	1220 8195	rubber support
✓AL	---- ----	no longer available
AM	1220 7692	upper support
✓AN	1218 4875	sub-base
AO	1017 9968	screw, use 1010 4354 lockwasher
AP	1015 5406	lower support
AQ	1017 3136	screw, use 1010 0360 nut
AR	1023 7188	screw, use 1010 0311 nut
AS	1216 1865	micro-switch, see Plate I-64 for M.R.C. switch operating mechanism

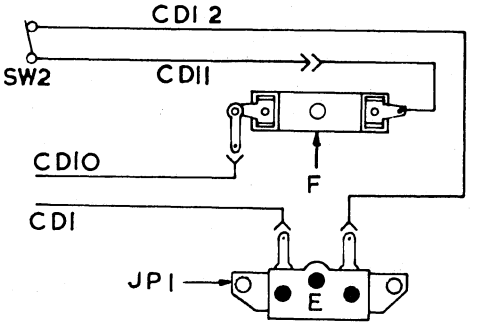
Power

√WIRING DIAGRAM – TYPE P CENTRIFUGAL GOVERNOR MOTOR (Plate VI-34)

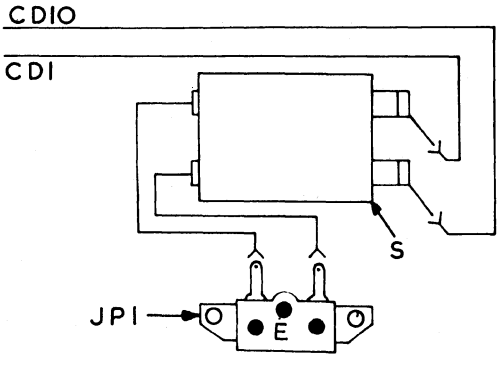




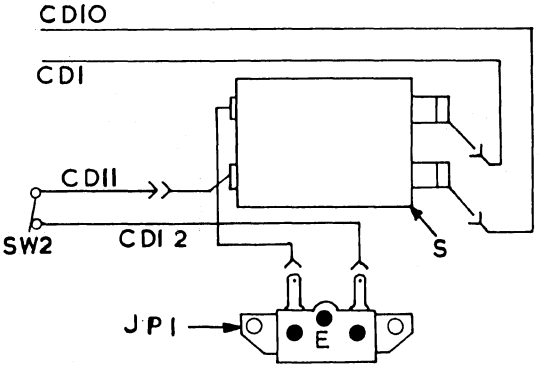
Fuse Only



Fuse And Handle Switch



Suppressor Unit Only

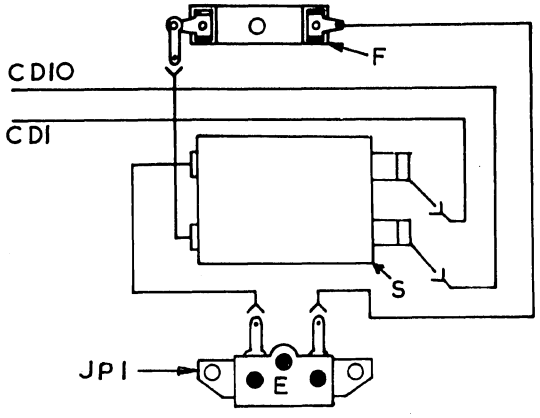


Suppressor Unit And Handle Switch

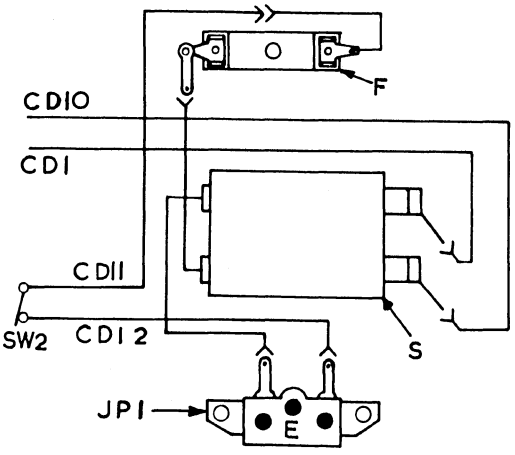
Note : See Plate VI-38 regarding polarity of linecords.

Power

✓(Plate VI-34) – Continued



Fuse And Suppressor Unit

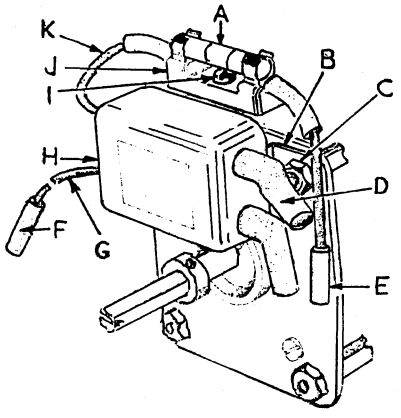


Fuse, Suppressor Unit And Handle Switch

Ref.	Part Number	Description
C1	1218 9627	capacitor, .15 mfd. two lead wires at one end of capacitor
CD1	–	lead wires, part of stator
CD2	–	
CD3	1220 0101	lead wire, upper brush holder to R1, 3½" (9 cms.)
CD4	1220 7221	lead wire, R1 to GV1, 14" (36 cms.)
CD5	1853 3893	lead wire, GV1 stand off terminal to SW1 (8 cms.)
CD6	1220 7205	lead wire, R1 to SW1, 13" (33 cms.)
CD7	–	lead wires, part of capacitor C1
CD8	–	
CD9	–	lead wires, part of stator
CD10	–	
CD11	–	lead wires, part of SW2
CD12	–	
CD13	1216 1840	lead wire, SW3 to R1, 11¾" (30 cms.)
CD14	1216 1857	lead wire, SW3 to SW1, 18" (46 cms.)
F	–	fuse holder, see refs. H and J, Plate VI-35 for detail
GV1	–	governor, see ref. AB, Plate VI-32 for detail
JP1	1218 7233	three pin receptacle
MO1	–	motor - available as separate components, see Plate VI-29
R1	–	resistor - see ref. B Plate VI-29 for detail
S	–	suppressor - see ref. H Plate VI-35 for detail
SW1	1216 1865	micro switch, regular and for M.R.C.
SW3		
SW2		handle switch with lead wires
	1220 7106	for P400, P5000, P600, P9000
	1215 6030	for P400, P5000 with shuttle carriage B(S)
	1053 9864	for P100, P200, P300, P2000
	1220 7114	for P100,P200,P300,P2000 with shuttle carriage W2(S)
T	1026 9041	male terminal, mates with 1034 8688 female terminal

Power

RADIO AND TELEVISION INTERFERENCE SUPPRESSOR, FUSE HOLDER DETAIL —FOR TYPE P CENTRIFUGAL GOVERNOR MOTOR (Plate VI-35)



Notes : 1. Machines for U.K. should be equipped with fuse holder J.

2. Observe polarity when connecting suppressor and fuse holder into motor circuit. See diagrams on Plate VI-34 and see note on line cords Plate VI-38.

3. This suppressor and fuse holder cannot be fitted to Type P motor shown on Plate VI-28.

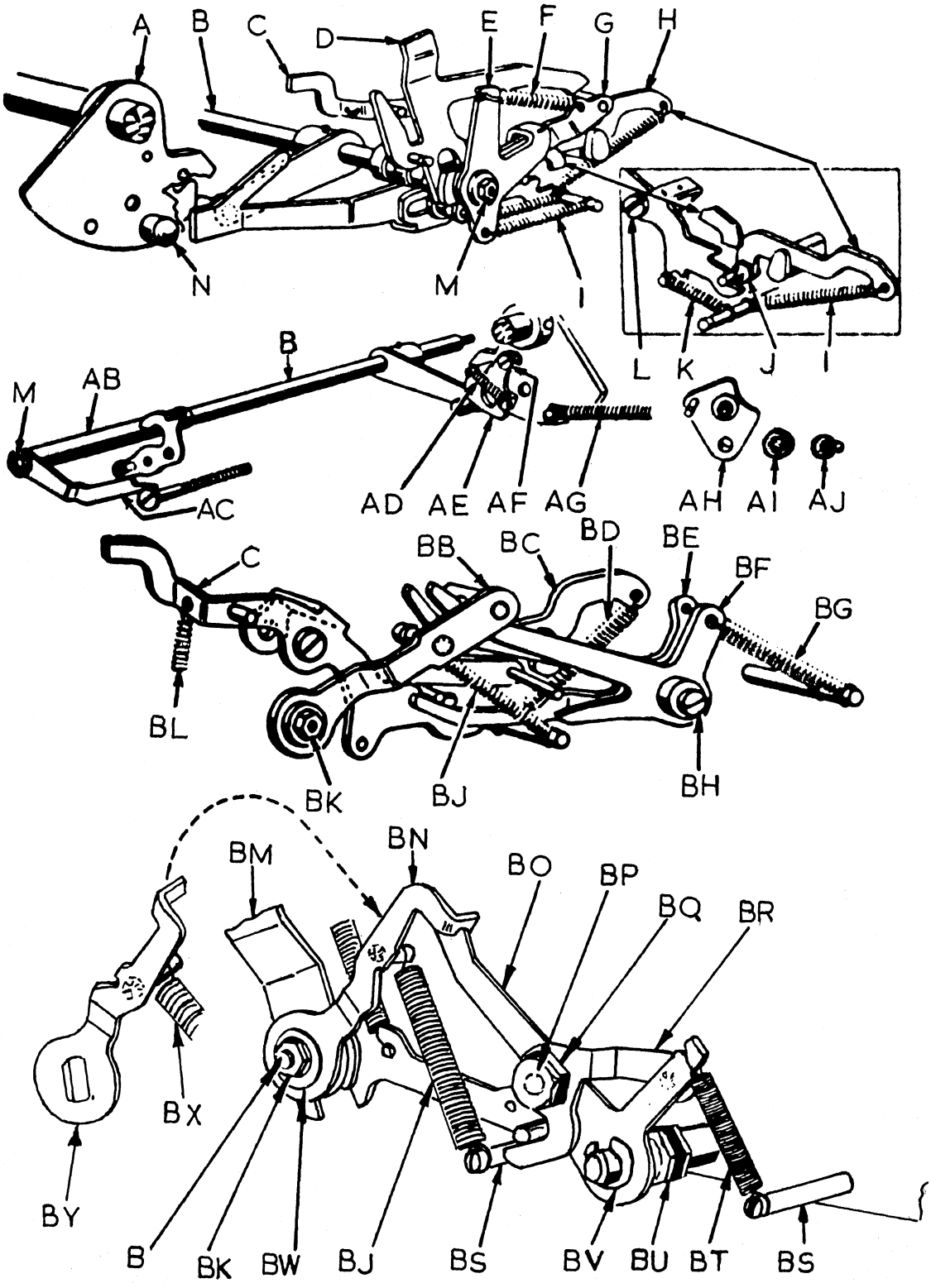
PART NUMBERS (Plate VI-35)

	A	1343 0897	fuse, 0.8 amp
√	B	1814 9724	fuse holder bracket. Bracket is part of ref. H when suppressor is required.
	C	1010 0311	nut, left
		1221 3492	shoulder nut, right
	D	1218 3331	insulating sleeve
√	E	---- ----	insulating sleeve
		1030 4996	red rubber
		1030 4988	black rubber
		1027 1625	black plastic
	F	---- ----	see ref. E
	G	---- ----	part of H
√	H *	1223 6139	early combined suppressor and fuse holder shown; comprises of suppressor, bracket welded to suppressor unit, fuse holder, lead wires connected as shown
		*	When stock of the above is exhausted use the following :-
			For Fuse Holder Only
			1814 9724 bracket, ref. B; 1814 9716 fuse holder, ref. J; 1343 0897 fuse, ref. A; 1010 0378 nut and 1010 4644 screw
			For Suppressor Only
		1221 3179	suppressor unit
			For Suppressor and Fuse Holder
			1221 3179 suppressor unit, 1814 9716 fuse holder, 1343 0897 fuse, 1010 0378 nut and 1010 4644 screw
	I	1010 4644	screw, use 1010 0378 nut
√	J	1814 9716	fuse holder, see Ref. F, Plate VI-34 for illustration
√	K	---- ----	part of H, soldered to J on combined unit Fitted with female terminal to mate with male terminal of J on late unit

Plate VI-36 Reserved For Future Use

Power

CLUTCH CONTROL MECHANISM (Plate VI-37)



Part Numbers Shown On Next Page

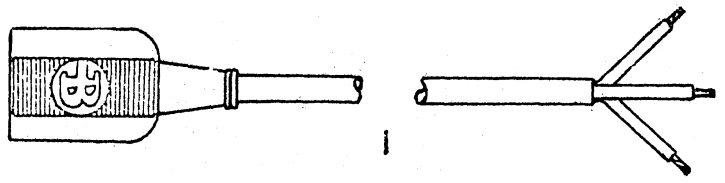
PART NUMBERS (Plate VI-37)

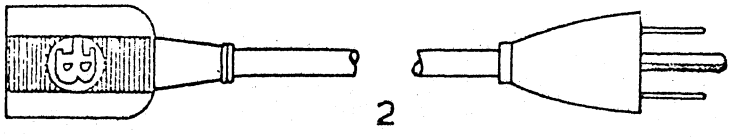
A	---- ----	see Plate VI-9 for detail.
B	---- ----	drive trip shaft
	1011 0757	10 col. construction
	1011 0773	13 col. construction
C	---- ----	No longer available
D	---- ----	see Plate V-50 for detail
E	---- ----	No longer available
F	**1052 7620**	spring
G	---- ----	No longer available
H	---- ----	No longer available
I	**1027 6574**	spring
J	---- ----	No longer available
K	**1027 3209**	spring
L	**1010 5393**	screw
M	**1010 0378**	nut, use 1256 7715 lockwasher and 1010 4156 washer
N	---- ----	No longer available
AB	---- ----	spacer, no longer available, use 1021 2124 shoulder collar and 1010 8967 screw
AC	**1011 1201**	drive trip arm
AD	**1027 7705**	spring
AE	**1011 1508**	drive trip timer, use 1010 0220 clip
AF	**1010 5377**	screw, required only with AH
AG	**1012 0350**	spring
AH	---- ----	No longer available
AI	**1057 1537**	bushing
AJ	**1010 4024**	screw
✓BB	---- ----	drive trip arm shown, no longer available. See refs. BX and BY
BC	---- ----	No longer available
BD	**1027 6574**	spring
BE	---- ----	No longer available
BF	---- ----	No longer available
BG	**1027 3209**	spring
BH	**1010 5393**	screw, use 1026 9330 washer
✓BJ	**1026 9876**	spring, use only with trip arm BN. See BX for spring used with regular trip arm BY
BK	---- ----	see M for detail
BL	**1015 2262**	spring
BM	---- ----	see Plate V-50 for detail
✓BN	**1021 1761**	trip arm, shown use only with spring BJ. When 'no longer obtainable' use refs. BX and BY
BO	**1021 1902**	latch assembly
BP	**1017 6477**	shoulder nut
BQ	**1216 2665**	eccentric
BR	---- ----	part of BO
BS	**1013 8295**	spring anchor screw
BT	---- ----	see BG for spring
BU	**1011 2860**	post
BV	**1010 0220**	clip
BW	---- ----	see M for washer
✓BX	**1812 9957**	spring for trip arm BY. Do not use for ref. BN
✓BY	**1021 1779**	trip arm for all machine styles, used only with spring BX

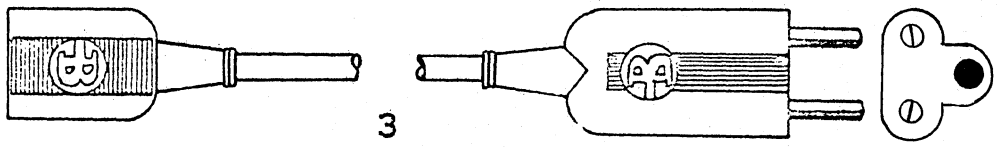
FOR INTERNATIONAL GROUP :

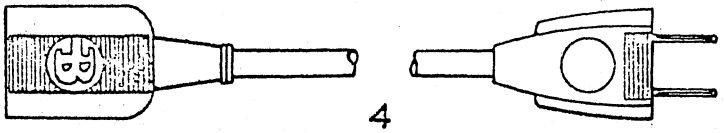
LINE CORDS, ADAPTORS AND TERMINAL CONNECTOR CHART (Plate VI-38)

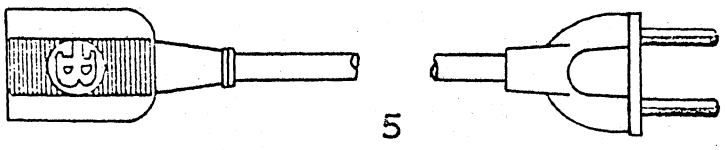
(In United States – refer to Electrical Parts Catalog)

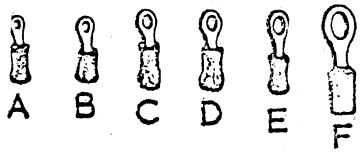












Part Numbers Shown On Next Page

Power

PART NUMBERS (Plate VI-38)

Note : Line cords Ref. 1 incorporate the new colour coded wires :-
Brown - Line; Green/Yellow - Ground; Blue - Neutral. Late cords - the brown wire connects to the right hand pin of the machine receptacle (viewed from rear of machine). Earlier cords - the brown wire connects to the left hand pin. Observe polarity of the connections when a line cord is replaced. The diagrams shown on Plate VI-34 assume a late style line cord.

Ref.	Part Number	Description
1		Three wires, Brown, Green/Yellow, Blue. Moulded plug for machine receptacle
	1812 9700	---------- plastic cord, length 8' 6" (2.6 metres)
	1814 5227	----------plastic cord, length 12' 0" (3.7 metres)
2		Three wires, Black, White, Green. Moulded plug for machine receptacle, moulded plug with two flat prongs and one round pin (ground)
	1812 9742	---------- plastic cord, length 8' 6" (2.6 metres)
3		Three wires, Brown, Green/Yellow, Blue. Moulded plug for machine receptacle, moulded plug with two round pins and socket (ground)
	1233 3167	---------- plastic cord, length 8' 6" (2.6 metres)
4		Two wires, Black, White. Moulded plug for machine receptacle, moulded plug with two flat prongs
	1812 9726	----------plastic cord, length 8' 6" (2.6 metres)
5		Two wires, Black, White. Moulded plug for machine receptacle, moulded plug with two round pins
	1215 3896	--------- rubber cord, length 8' 6" (2.6 metres). Plastic cord not available.

Note : Line cords for permanent attachment - select cord from above, remove moulded plug and fit terminal connectors "A" through "F" as required.

		Hole Diam.	
A	1046 4501	0.093"	terminal connector, crimp type
B	1034 8720	0.119"	
C	1300 1516	0.145"	
D	1034 8712	0.171"	
E	1034 8696	0.228"	
F	1034 8704	0.390"	

SERIES P

ADDING, BOOKEEPING, TELLERS, VALIDATING & RECEIPTING MACHINES

SECTION

VII

Burroughs

FIELD ENGINEERING

PARTS CATALOG

BASE AND CASE

Printed in U.S. America Nov. 1970

For Form 1037629

Base and Case

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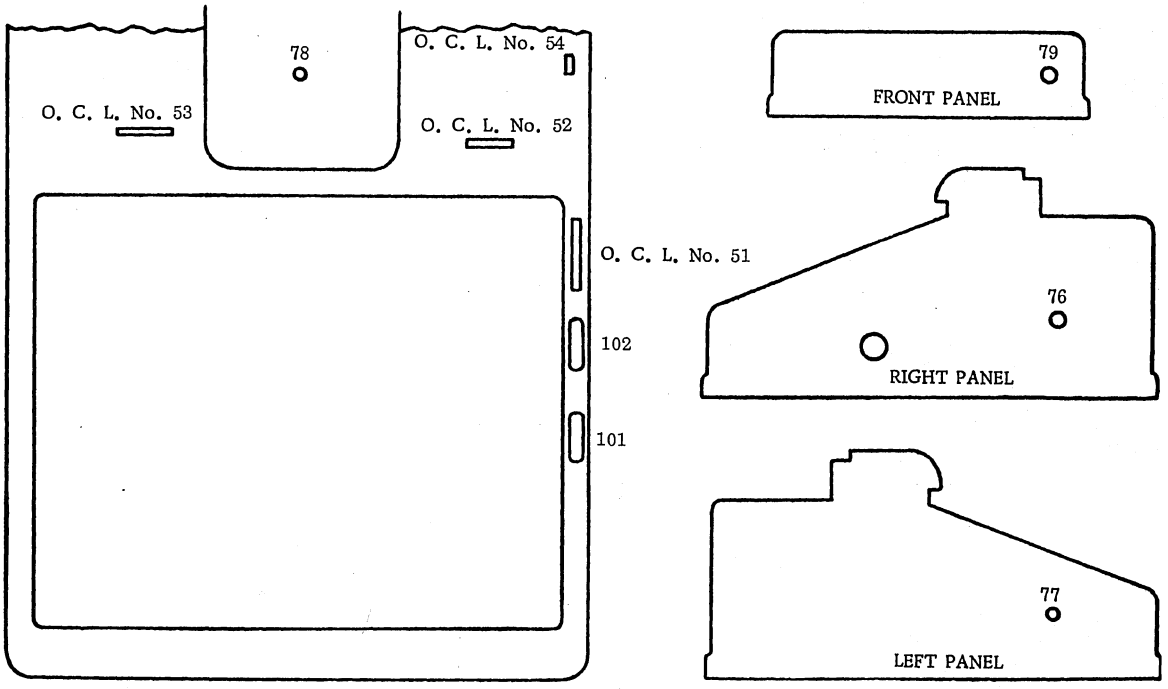
Base and Case

OPERATION CONTROL LEVERS, LOCKS AND MOTOR BAR POSITIONS,

CLASSES 8-9-10 MACHINES (PLATE VII-1)



NOTE: The various control levers, locks and motor bar positions are identified by the numerical designations in the accompanying diagram.

POS. NO.	DESCRIPTION
51	O.C.L. for Total and Sub-total of Register B; also Register A & B Sub-total
52	O.C.L. for Non-print or Non-space
53	O.C.L. for N.C.N., N.S.N., and S. & N.; also for disabling Rotary Calendar Feature and Consecutive Numbering Device, and for Repeat & Normal
54	O.C.L. for disabling Carriage Opening on 6" Front Feed Carriage and to disable Non-print & Non-space on Class 9 & 10 machines. Also used as a Multiple Receipt Lever on Bank Teller machines.
76	Lock with flash signal disables enforced Sub-total key operation on Class 9 Passbook Posting machines
77	Lock to prevent machine operation
78	Cover and lock for Counter Dial
79	Lock to prevent machine operation
101	Motor bar opening - lower
102	Motor bar opening - upper

Base and Case

CASE CHART, FOR STANDARD DETROIT BUILT ELECTRIC MACHINES WITH NON DETACHABLE LINE CORDS, CLASSES 8-9-10 MACHINES (Plate VII-2)

Note : When ordering a case for a machine other than the standard styles listed below, specify machine style and serial number.

Machine Style	Cge. Style	Colour	Part Number
8 06 211	3 7/8"	Grey	1019 7309
8 07 01	3 7/8"	Grey	1019 7168
	12 ¼"	Grey	1045 8495
8 07 201	3 7/8"	Grey	1019 7168
8 07 01	3 7/8"	Grey	1019 7168
	12 ¼"	Grey	1045 8495
8 08 201	3 7/8"	Grey	1019 7309
8 08 251	3 7/8"	Grey	1019 6947
8 10 01	3 7/8"	Grey	1019 7168
	12 ¼"	Grey	1045 8495
8 10 51	3 7/8"	Grey	1019 7069
	12 ¼"	Grey	1019 6947
8 10 202	3 7/8"	Grey	1019 7309
9 07 01	3 7/8"	Grey	1019 7168
	12 ¼"	Grey	1045 8495
9 08 01	3 7/8"	Grey	1019 7168
	12 ¼"	Grey	1019 7309
9 08 53	3 7/8"	Grey	1019 7069
	12 ¼"	Grey	1019 6947
9 08 95	3 7/8"	Grey	1019 7069
	12 ¼"	Grey	1019 6947
9 10 01	3 7/8"	Grey	1019 7168
	12 ¼"	Grey	1045 8495
9 10 53	3 7/8"	Grey	1019 7069
	12 ¼"	Grey	1019 6947
9 10 57	12 ¼"	Grey	1019 7317
9 10 71	3 7/8"	Grey	1019 7069
	12 ¼"	Grey	1019 7317
9 10 95	3 7/8"	Grey	1019 7069
	12 ¼"	Grey	1019 6947
9 10 101	12 ¼"	Grey	1019 7044
9 10 104	12 ¼"	Grey	1019 7036
9 10 108	12 ¼"	Grey	1019 6962
9 10 120	12 ¼"	Grey	1019 6970
121			
9 10 124	12 ¼"	Grey	1019 6988
125, 126			
9 13 55	3 7/8"	Grey	1013 6232
	12 ¼"	Grey	1013 6174
9 13 58	3 7/8"	Grey	1013 6232
	12 ¼"	Grey	1013 6174
10 08 265	3 7/8"	Grey	1019 6996
10 10 53	3 7/8"	Grey	1019 7051
	12 ¼"	Grey	1019 7325
10 10 56	3 7/8"	Grey	1033 0132
10 10 65	3 7/8"	Grey	1019 7051
	12 ¼"	Grey	1019 7010
10 10 68	3 7/8"	Grey	1019 7051
	12 ¼"	Grey	1019 6947
10 10 70	3 7/8"	Grey	1019 7010
10 10 103	6"	Grey	1019 7028
10 10 164	12 ¼"	Grey	1019 7002
10 10 252	3 7/8"	Grey	1019 7325
10 10 301	12 ¼"	Grey	1019 7150
302			
10 10 304	3 7/8"	Grey	1019 6954
10 10 305	3 7/8"	Grey	1019 7150
10 10 311	3 7/8"	Grey	1019 7150
10 10 312	6"	Grey	1019 7028
10 10 360	3 7/8"	Grey	1019 6954
361			
10 10 381	3 7/8"	Grey	1019 7135
382			
1010 383	7½"	Grey	1019 7143
384			

STEEL CASE REFERENCE CHART, CLASSES 8-9-10 MACHINES (Plate VII-3)

The following reference numbers may be helpful when a case is required with features not standard to a specific style of machine.

For example :- The part number of a grey case for a 1008265 machine is 1019 6996 (From Case Chart, Plate VII-2)

If this case is required with a lock in the left side panel to prevent machine operation, the part number is 1019 6996 with Ref.12.

Always give the machine number when ordering a case.

Reference Number	Description
88 or 2A	Operation Control Lever No.53
91 or 6	Operation Control Lever No.52
93 or 8	Opening for Item Counter
94 or 9	Counter Dial Cover and Lock for Machines without RCF or RCND
95 or 10	Clearance cut for RCF or RCND
96 or 11	Operation Control Lever No.51
97 or 12	Lock in position 77
99 or 15	Operation Control Lever No.54
16	Counter Dial Cover and Lock for Machines with RCF or RCND
100 or 30	Cover for RCND
101 or 31	Opening for Item Counter with RCF or RCND
33	Lock in position 76
132 or 61	Lock in position 79

Base and Case

CASE, BASE AND RIBBON COVER CHART, FOR CLASSES 8-9-10 AND SERIES P MACHINES ABOVE P1001S (Plate VII-4) - Page 1

Note : For machine styles ending in ¼ or ½, the basic machine style applies.

Example : The case, ribbon cover and base for machine style P1215 are suitable also for styles P1215¼ and P1215½ .

ADDING MACHINE STYLES - HAND AND ELECTRIC

Machine Style	Case	Colour	Ribbon Cover	Base
80601 80701 80801 81001	1227 2928	Grey 215	1013 9228	1225 8448
With N,R,RA,RB,RC, RD and W carriages	1222 1156	Grey 215	Part of Carriage	1225 8448
With S,T,X and Y carriages	1222 1156	Grey 215	Part of Carriage	1053 3495
P1201 P1202	1215 7848 or	Green 616	1215 7889 or	1215 7657
P1203 P1205	1216 2079	Grey 212	1216 2046	1215 7657
With RC and W cges.	1216 2079	Grey 212	1215 7897	1215 7657
With S,T,X and Y carriages	1216 1444	Grey 212	1215 7897	1216 1139
81051	1220 0838	Grey 215	1013 9228	1225 8448
With N,R,RA,RB,RC, RD and W carriages	1041 2724	Grey 215	Part of Carriage	1225 8448
With S,T,X and Y carriages	1041 2724	Grey 215	Part of Carriage	1053 3495
P1215	1215 6287 or 1216 2061	Green 616 Grey 212	1215 7889 or 1216 2046	1215 7657
With RC and W carriages	1216 2061	Grey 212	1215 7897	1215 7657
With S,T,X and Y carriages	1216 0982	Grey 212	1215 7897	1216 1139
90701 90801 91001	1227 2928	Grey 215	1013 9228	1225 8448
With N,R,RA,RB,RC, RD and W carriages	1225 8083	Grey 215	Part of Carriage	1225 8448
With S,T,X and Y carriages	1225 8083	Grey 215	Part of Carriage	1053 3495

Base and Case

PART NUMBERS (Plate VII-4) - Continued - Page 2

Machine Style	Case	Colour	Ribbon Cover	Base
P1302 P1303 P1305 With RC and W carriages With S,T,X and Y carriages	1215 7848 or 1216 2079 1216 2079 **1216 1444**	Green 616 Grey 212 Grey 212 Grey 212	1215 7889 or 1216 2046 1215 7897 1215 7897	 1215 7657 1215 7657 1216 1139
90795 90895 91095 With N,R,RA,RB,RC, RD and W carriages With S,T,X, and Y carriages	1220 0838 1220 0705 1220 0705	Grey 215 Grey 215 Grey 215	1013 9228 Part of Carriage Part of Carriage	1225 8448 1225 8448 1053 3495
P1312 P1313 P1315 With RC and W carriages With S,T,X and Y carriages	1215 6287 or 1216 2061 1216 2061 1216 0982	Green 616 Grey 212 Grey 212 Grey 212	1215 7889 or 1216 2046 1215 7897 1215 7897	 1215 7657 1215 7657 1216 1139
90853 91053 With N,RA,RB,RC,RD and W carriages With S,T,X and Y carriages	1220 0838 1220 0705 1220 0705	Grey 215 Grey 215 Grey 215	1013 9228 Part of Carriage Part of Carriage	1225 8448 1225 8448 1053 3495
P1323 P1325 With RC and W carriages With S,T,X, and Y carriages	1215 6287 or 1216 2061 1216 2061 1216 0982	Green 616 Grey 212 Grey 212 Grey 212	1215 7889 or 1216 2046 1215 7897 1215 7897	 1215 7657 1215 7657 1216 1139
91305 With N,R,RA,RB,RC, RD and W carriages With S,T,X and Y carriages	1220 0846 1053 4915 1053 4915	Grey 215 Grey 215 Grey 215	1013 9244 Part of Carriage Part of Carriage	1013 6059 1013 6059 1013 6067
91355 With N,R,RA,RB,RC, RD and W carriages With S,T,X and Y	1041 3516 1041 2310 1041 2310	Grey 215 Grey 215 Grey 215	1013 9244 Part of Carriage Part of Carriage	1013 6059 1013 6059 1013 6067

Base and Case

PART NUMBERS (Plate VII-4) - Continued - Page 3

Machine Style	Case	Colour	Ribbon Cover	Base
100801 101001 With N,R,RA,RB,RC, RD and W carriages With S,T,X and Y carriages	1215 6634 1215 6642 1215 6642	Grey 215 Grey 215 Grey 215	1013 9228 Part of Carriage Part of Carriage	1225 8448 1225 8448 1053 3495
P1403 P1405 With RC and W carriages With S,T,X and Y carriages	1215 7848 1216 2079 1216 2079 1216 1444	Green 616 Grey 212 Grey 212 Grey 212	1215 7889 1216 2046 1215 7897 1215 7897	1215 7657 1215 7657 1216 1139
101053 With N,R,RA,RB,RC, RD and W carriages With S,T,X and Y carriages	1220 0853 1220 0697 1220 0697	Grey 215 Grey 215 Grey 215	1013 9228 Part of carriage Part of carriage	1225 8448 1225 8448 1053 3495
P1415 With RC and W carriages With S,T,X and Y carriages	1215 6287 1216 2061 1216 2061 1216 0982	Green 616 Grey 212 Grey 212 Grey 212	1215 7889 1216 2046 1215 7897 1215 7897	1215 7657 1215 7657 1216 1139
P103 P205 P207 P208 P301 With W2 carriages	1011 0518 1011 0492	Grey 203 Grey 203	Part of Case Part of Case	1011 0443 1011 0443
P2103 P2205 P2207 P2208 P2301 With W2 carriages	1053 4709 1053 1648 1053 3099	Grey 223 Grey 222 Grey 222	Included with Case 	 1053 1630 1053 1630
P110 P210	1220 1786	Grey 203	Included with Case	1220 1927
P2110 P2210	1221 4540	Grey 22	Included with Case	1053 1630
P310 P2310	1220 1760 1221 4557	Grey 203 Grey 222	Included with Case Included with case	1220 1927 1053 1630

For other Cases P100, P200,P300, P2100, P2200, P2300, See Plate VII-9

Base and Case

PART NUMBERS (Plate VII-4) - Continued - Page 4

Machine Style	Case	Colour	Ribbon Cover	Base
P401 P402 With B carriage	1016 1776 1016 1784 1016 1750	Grey 203 Grey 203 Grey 203	Hinged on Case Hinged on Case Included with Case	
P410 P420	1215 5982	Grey 203	Included with Case	
P450 With B Carriage	1016 1784 1016 1750	Grey 203 Grey 203	Hinged on Case Included with Case	
P460	1215 7236	Grey 203	Included with Case	
P643 P644 P645 P646	1019 7192	Grey 203	Included with Case	

Machine Style	Case-Front	Case-Rear	Ribbon Cover	Keyboard Collar	Base
P5525-01,P5528-02 P5328-05	1218 4669	1218 4834	1219 8032	1218 4289	1218 4719
With B carriage	1218 4669	1224 4778	1218 4602	1218 4289	1218 4719
P5525-10,P5528-10 P5328-10	1218 4669 1218 4669	1813 2712 1813 2712	1218 4644 1218 5179	1218 4289 1218 4289	1218 4719 1218 4719
P5525-03,P5528-04 P5725-05,P5728-06	1218 4669	1218 4693	1218 4610	1218 4289	1218 4719

BOOK-KEEPING STYLES

Machine Style	Case	Colour	Ribbon Cover	Base
910108 steel	1220 0721	Grey 215	Part of Carriage	1053 3495
910108 plastic	1215 8770	Grey 212	1215 7152	1216 1139
910121 steel 910121	1220 0739	Grey 215	Part of Carriage	1053 3495
910120 plastic 910121	1215 8705	Grey 212	1215 7665	1215 7673
910124 steel 910125 910126	1220 0747	Grey 215	Part of Carriage	1053 3495
913108 steel	1215 3508	Grey 215	Part of Carriage	1013 6067
913112 steel 913114	1041 2351	Grey 215	Part of Carriage	1013 6067
1010164 steel	1220 0762	Grey 215	Part of carriage	1220 0663
1010164 plastic	1216 2061	Grey 212	1215 7939	1215 7657

Base and Case

PART NUMBERS (Plate VII-4) - Continued - Page 5

Machine Style	Case	Colour	Ribbon Cover	Base
P612 P622 P661 P662 P672 P681 P682	1019 7192	Grey 203	Part of Case	
P613 P623 P663 P673 P683	1019 7234	Grey 203	Part of Case	
P615 P625 P665 P675 P685	1019 7226	Grey 203	Part of Case	

Machine Style	Case-Front	Case-Rear	Ribbon Cover	Keyboard Collar	Base
P9074-1 P9064-1 P9064-2 P9044-1 P9044-2 P9454-2 P9444-1 P9444-2	1218 4669	1218 4693	1218 4610	1218 4289	1218 4719 For 20" cge. 1219 1078
P9077-3 P9067-3 P9047-3 P9457-3 P9447-3	1218 4669	1218 4693	1218 4628	1218 4289	1218 4719 For 20" cge. 1219 1078
P9074-5 P9064-5 P9044-5 P9454-5 P9444-5	1218 4669	1218 4693	1218 4636	1218 4289	1218 4719 For 20" cge 1219 1078

CASH MACHINE STYLES

Machine Style	Case	Colour	Ribbon Cover	Base
806211 (Carriage-Re)	1225 8083	Grey 215	Part of Carriage	1041 2146
	1220 1505 1220 1513 1220 1521	Tan 141 Coppertone 415 Green 609	Part of Carriage	1053 3065
	1216 5650 1216 5668	Grey 222 Green 614	Part of Carriage	1216 5445
P3201-11 (Carriage-Re)	1216 2079	Grey 212	1216 2046	1216 3812
With optional RC and W carriages	1216 2079	Grey 212	1215 7897	1216 3812
807201 907201 (Carriage-NA)	1227 2928 1220 1661 1220 1679 1220 1687	Grey 215 Tan 141 Coppertone 415 Green 609	1013 9228 1220 1182 1220 1190 1220 1208	1041 2146 1053 3065 1053 3065

Base and Case

PART NUMBERS (Plate VII-4) - Continued - Page 6

Machine Style	Case	Colour	Ribbon Cover	Base
With optional RE carriage	1220 1505 1220 1513 1220 1521	Tan 141 Coppertone 415 Green 609	Part of Carriage	1053 3065
P3202-01 P3302-01 (Carriage-NA) With optional RE carriage	1215 7848 1216 2079 1216 2079	Green 616 Grey 212 Grey 212	1215 7889 1216 2046 1216 2046	1216 3812 1216 3812
807203 (Carriage RD)	1225 8083 1220 1505 1220 1513 1220 1521 1216 5650 1216 5668	Grey 215 Tan 141 Coppertone 415 Green 609 Grey 222 Green 614	Part of Carriage Part of Carriage Part of Carriage	1041 2146 1053 3065 1216 5445
807253 (Carriage RD)	1220 0705 1220 1620 1220 1638 1220 1646 1216 5759 1216 5767	Green 215 Tan 141 Coppertone 415 Green 614 Grey 222 Green 614	Part of Carriage Part of carriage Part of Carriage	1041 2138 1053 3065 1216 5445
808201 810202 (Carriage RA)	1225 8083 1220 1505 1220 1513 1220 1521 1216 5650 1216 5668	Grey 215 Tan 141 Coppertone 415 Green 609 Grey 222 Green 614	Part of Carriage Part of Carriage Part of Carriage	1041 2146 1053 3065 1216 5445
808251 810252 Carriage RA	1220 0705 1220 1620 1220 1638 1220 1646 1216 5759 1216 5767	Grey 215 Tan 141 Coppertone 415 Green 609 Grey 222 Green 614	Part of Carriage Part of Carriage Part of Carriage	1041 2138 1053 3065 1216 5445
1008265 1008285 Carriage RB	1220 0754 1220 1547 1220 1554 1220 1562 1216 5676 1216 5684	Grey 215 Tan 141 Coppertone 415 Green 609 Grey 222 Green 614	Part of Carriage Part of Carriage Part of Carriage	1041 2138 1053 3065 1216 5445
P3403-01 P3405-01 1010201 (Carriage NA) With optional carriage-RE	1215 7848 or 1216 2079 1216 2079	Green 616 Grey 212 Grey 212	1215 7889 or 1216 2046 1216 2046	1216 3812 1216 3812

Base and Case

PART NUMBERS (Plate VII-4) - Continued - Page 7

Machine Style	Case	Colour	Ribbon Cover	Base
1008251 (Carriage NA) With optional N,R, RA,RB,RC,RD and W carriages	1216 5734 1216 5742 1216 5734 1216 5742	Grey 222 Green 614 Grey 222 Green 614	1216 7326 1216 7334 Part of Carriage	1216 5445 1216 5445
P3413-51	1215 6287 or 1216 2061	Green 616 Grey 212	1216 7326 or 1216 2046	1215 7657
With RC and W carriages	1216 2061	Grey 212	1215 7897	1215 7657
1010252 (Carriage RA or FE)	1220 0697 1220 1588 1220 1596 1220 1604 1216 5734 1216 5742	Grey 215 Tan 141 Coppertone 415 Green 609 Grey 222 Green 614	Part of Carriage Part of Carriage Part of Carriage	1041 2138 1053 3065 1216 5445
1010282 (Carriage RA) With optional N R,RB,RC,RD and W carriages	1216 5734 1216 5742 1216 5734 1216 5742	Grey 222 Green 614 Grey 222 Green 614	Part of Carriage Part of Carriage	1216 5445 1216 5445

VALIDATING AND RECEIPTING MACHINES

Machine Style	Case	Colour	Ribbon Cover	Base
810306 (Carriage-RD)	1220 1794	tan 140	Part of Carriage	1220 0663
810307 (Carriage-RD)	1220 1802	Tan 140	Part of Carriage	1220 0663
908352 910352 Carriage N-2(S)	1215 1064	Tan 140	Part of Carriage	1220 0663
1010301 Carriages-XC	1220 0820 1215 0967	Grey 215 Tan 140	Part of Carriage	1053 3495 1053 3495
1010302 Carriage-RD	1220 0820 1215 0967	Grey 215 Tan 140	Part of Carriage	1220 0663 1220 0663
1010304 Carriage-RF With optional R,RA, RD and RF carriages	1220 0713 1215 0983 1215 0967	Grey 215 Tan 140 Tan 140	Part of Carriage	1220 0663 1220 0663 1220 0663
1010311 1010312 Carriage-RD	1220 0770 1215 0934	Grey 215 Tan 140	Part of Carriage Part of Carriage	1220 0663 1220 0663

Base and Case

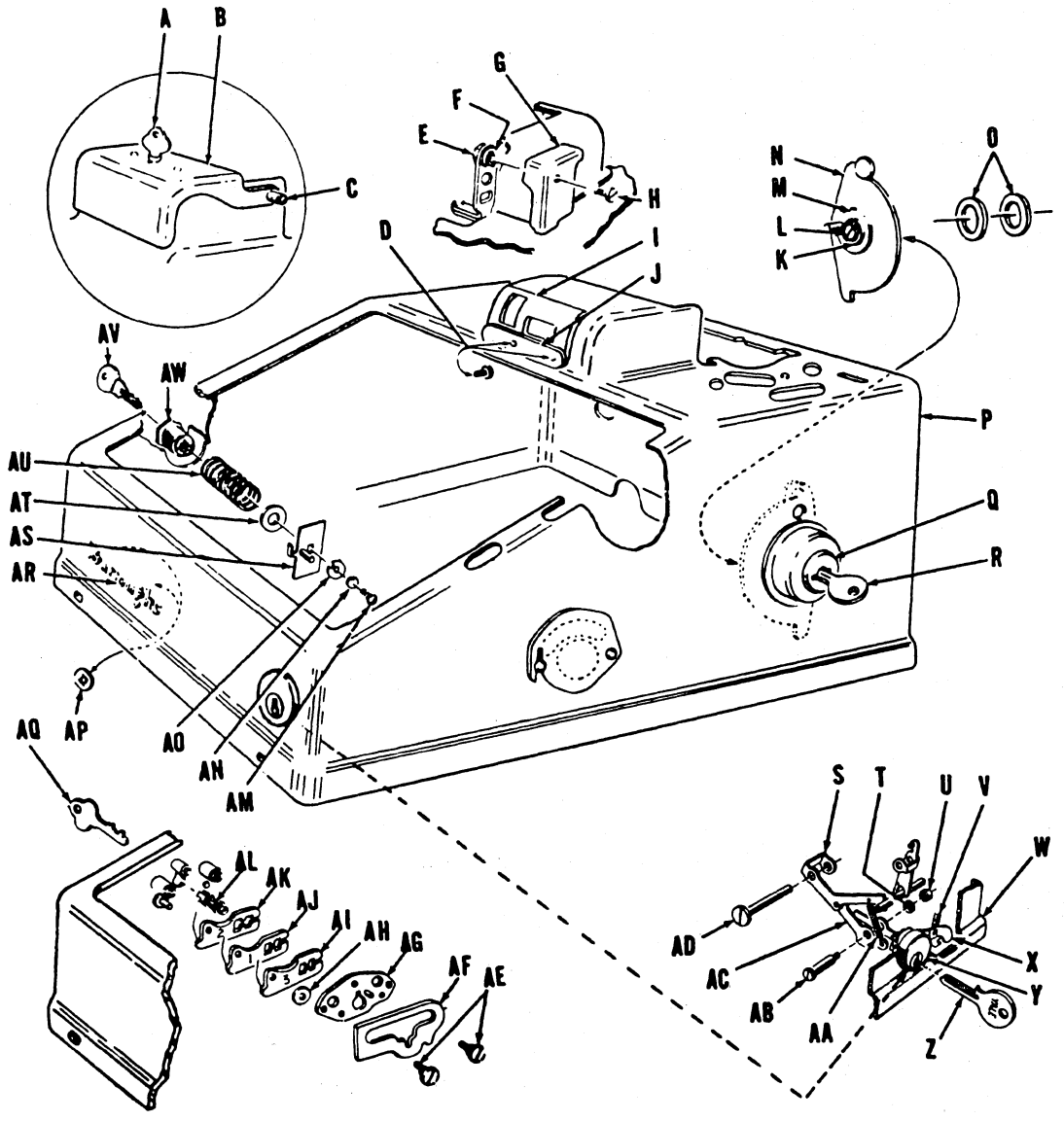
PART NUMBERS (Plate VII-4) - Continued - Page 8

Machine Style	Case	Colour	Ribbon Cover	Base
1010353 (Carriage-RC)	1215 1122	Tan 140	Part of Carriage	1220 0663
1010360 1010360 (Carriage-RC)	1220 0713 1215 0983	Grey 215 Tan 140	Part of Carriage Part of Carriage	1220 0663 1220 0663
1010381 1010382 (Carriage-RC)	1215 0942	Grey 215 Tan 140	Part of Carriage Part of Carriage	1220 0663 1220 0663
1010383 1010384 (Carriage RG)	1220 0812 1215 0959	Grey 215 Tan 140	Part of Carriage Part of Carriage	1220 0663 1220 0663
1010386 (Carriage-RC)	1215 4019	Tan 140	Part of Carriage	1220 0663

Base and Case

STEEL CASE DETAIL AND LOCK ASSEMBLY, CLASSES 8,9,10 MACHINES

(Plate VII-5)



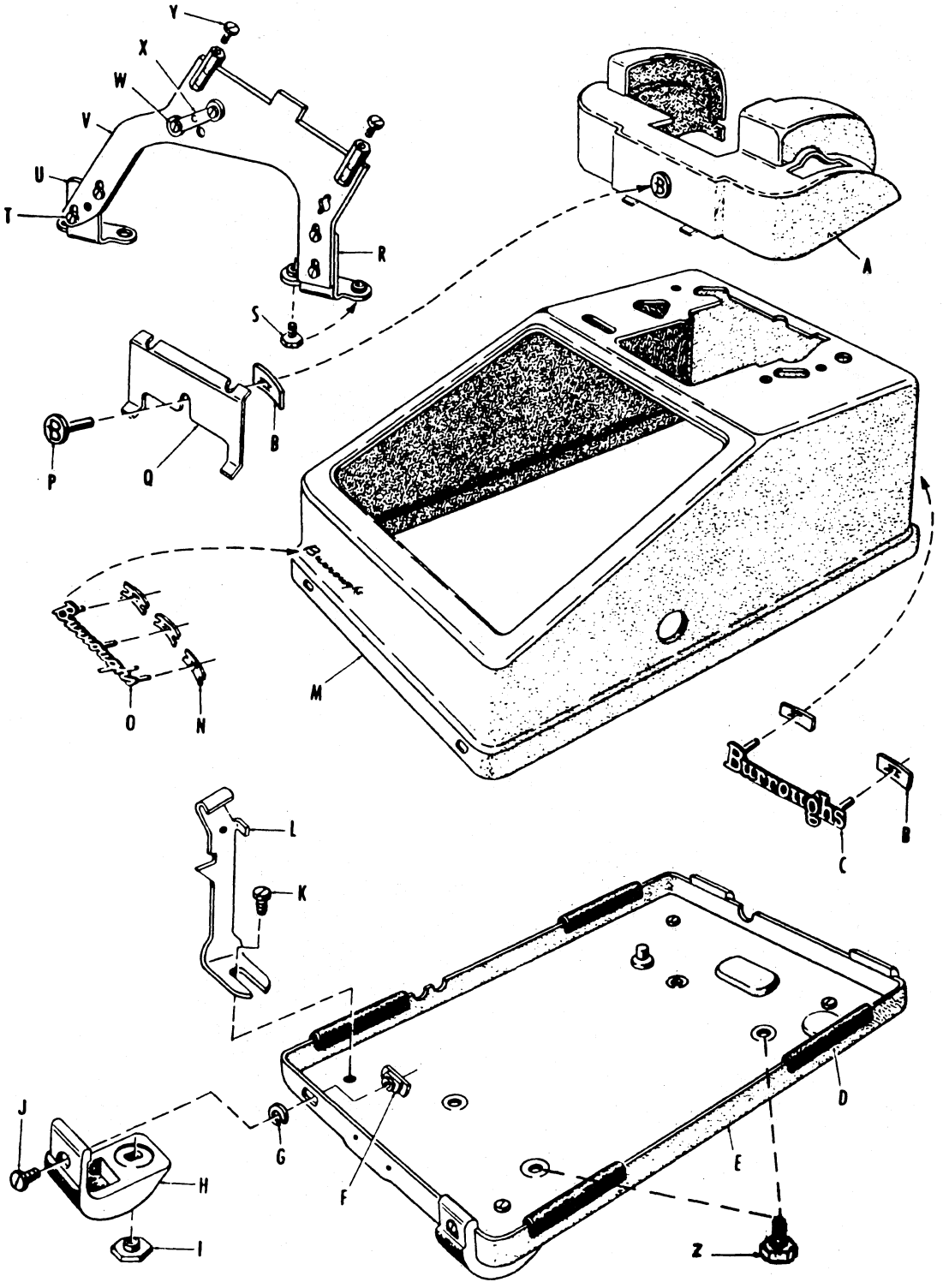
Base and Case

PART NUMBERS (Plate VII-5)

A	1010 7670	key, see Plate VII-13 for other styles
B	1041 4340	brown counter dial cover for machines with or without RCF
	1041 4357	brown counter dial cover and lock for machines with or without RCF
	1041 4399	brown counter dial cover for machines with or without RCND
	1041 4407	brown counter dial cover and lock for machines with or without RCND
C	1041 6360	screw, use 1010 9858 washer and 1010 0378 nut for RCND
	1011 0039	screw, use 1010 0360 nut for RCF
D	1013 9087	screw
E	1013 7933	shoulder nut (shown) before P438193D
	1034 5585	speed nut after P438192D
F	1026 7060	clip before P438193D
G	1013 9194	grey, cover for RCND
	1013 9202	grey, cover for RCF
H	1010 4248	screw (shown) before P438193D
	1257 2376	screw after P438192D
I	1013 9517	shown for counter dial (non-reset) — plastic window
	1013 9525	for counter dial (reset) — plastic window
J	-----	retaining strip
	1013 4856	grey, shown for counter dial (non-reset)
	1013 4864	grey, for counter dial (reset)
K	1010 4362	lockwasher
L	1013 8782	screw
M	1013 6869	washer
N	1013 6323	disabling plate
O	1017 1924	spacer
P	-----	see chart, Plates VII-2 and VII-4
Q	1010 1780	lock assembly
R	1010 2960	key
S	1020 0632	blocking arm
T	1010 4362	lockwasher
U	1010 0410	nut
V	1026 9470	spring
W	1019 6947	for style 808251 — machine case with plunger type lock in position 79 to prevent machine operation
	1019 6996	for style 1008265 — machine case with plunger type lock in position 79 to prevent machine operation
	1019 7325	for style 1010252 — machine case with plunger type lock in position 79 to prevent machine operation
X	1020 0640	bellcrank, use 1010 0220 clip
Y	1010 1715	HB 401 thru HB 406 — lock combinations 1 through 6
	1010 1723	
	1010 1731	
	1010 1749	
	1010 1756	
	1010 1764	
Z	1010 2895	HB 401 thru HB406 — key combinations 1 through 6
	1010 2903	
	1010 2911	
	1010 2929	
	1010 2937	
	1010 2945	
AA	1027 6590	spring
AB	1027 3001	screw
AC	1020 0624	bellcrank
AD	1013 2355	shoulder screw
AE	1010 7811	screw
AF	1027 4637	control plate
AG	1013 6364	shown for key not removable
	1012 7215	for key removable
AH	1010 4552	washer
AI	1010 7613	lock tumbler
AJ	1010 7597	lock tumbler
AK	1010 7605	lock tumbler
AL	1013 2181	lock cylinder
AM	1013 8782	screw
AN	1010 4362	lockwasher
AO	1013 6869	washer
AP	1017 6535	speed nut
AQ	1010 7779	key, see Plate VII-13 for other styles
AR	1026 8753	name plate
AS	1013 6331	shown, key not removable — control plate
	1013 6349	key removable — control plate
AT	1013 6927	spacer
AU	1018 0701	spring
AV	1010 1905	BU 2001 thru BU 2010 — key combinations 1 through 10 for combinations 11 through 99 apply to Head Office
	1010 1913	
	1010 1921	
	1010 1939	
	1010 1947	
	1010 1954	
	1010 1962	
	1010 1970	
	1010 1988	
	1010 1996	
AW	1010 0725	BU 2001 thru BU 2010 — lock combinations 1 through 10, for combinations 11 through 99 apply to Head Office
	1010 0733	
	1010 0741	
	1010 0758	
	1010 0766	
	1010 0774	
	1010 0782	
	1010 0790	
	1010 0808	
	1010 0816	

Base and Case

STEEL CASE, BASE AND BRACES, CLASSES 8,9,10 MACHINES (Plate VII-6)



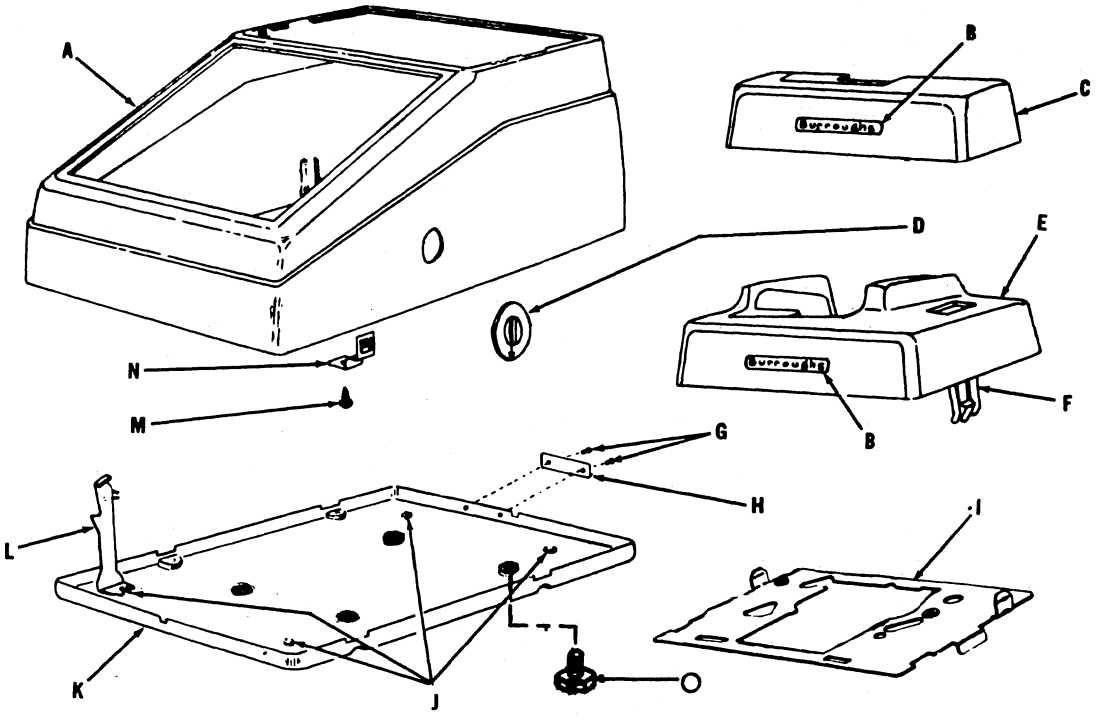
Base and Case

PART NUMBERS (Plate VII-6)

A	1013 9228	shown, grey, regular without rewind	ribbon cover
	1013 9236	grey style 10, with O.C.L. No.53	
	1041 6485	brown style 13, with O.C.L. No.53	
	1013 9244	grey style 13, with O.C.L. No.53	
B	1017 6535	speed nut	
C	1026 8753	medallion	
D	1027 6228	rubber moulding	
E	1225 8448	grey, machine base. See Plate VII-14 for other styles	
F	1013 7560	shown for style 8 and 10	threaded bushing
	1013 7578	for style 13	
G	1026 7060	clip	
H	1010 3075	grey, shown, rocket type	rubber foot
	1026 8761	brown, rocker type	
	1010 3067	brown, round type	
I	1013 7586	hex. nut	
J	1010 5393	screw	
K	1010 7175	screw	
L	1013 4310	keyboard support See Plate VII-19 for other styles	
M	1019 7168	grey, machine case See Plates VII-2 and VII-3 for other styles	
N	1017 6550	clip	
O	1018 0933	medallion	
P	1010 3018	medallion	
Q	1013 4880	latch	
R	1013 4476	front bracket	
S	1013 8220	screw	
T	1010 9197	screw, use 1256 7715 lockwasher and 1010 0360 nut	
U	1013 4468	rear bracket	
V	1013 4435	keyboard brace, 13 col. construction	
W	1017 2450	screw	
X	1014 5746	anchor plate	
Y	1012 0178	screw	
Z	1013 8212	hex. headed screw, 4 required	

Base and Case

BASE, PLASTIC CASE AND HAMMERHEAD COVER PLATE DETAILS - SERIES P1000 MACHINES (Plate VII-7)



PART NUMBERS (Plate VII-7)

A	— — —	Plastic case - hand machines
	1215 7848	colour green (616) for regular NA carriages
	1216 2079	colour grey (212) for regular NA carriages also for RC and W carriages
	1216 1444	colour grey (212) for S,T,X and Y carriages. Plastic case electric machines
	1215 6287	colour green (616) for regular NA carriages
	1216 2061	colour grey (212) for regular NA carriages, also for RC and W carriages
	1216 0982	colour grey (212) for S,T,X and Y carriages
B	1026 8738	medallion, use 1017 6535 speed nut
C	— — —	Ribbon cover for RC,S,T,W,X and Y carriages
	1215 7897	colour grey (212)
	1215 7913	with right lever slot
	1215 7939	with left lever slot
	1215 7939	with right and left lever slots
	1215 7665	for rotary printing device
	1215 7152	for rotary printing device and left lever slot
	1216 3879	for rotary printing device and right lever slot
	1216 3887	for rotary printing device, also right and left lever slots
D	— — —	Plug for handle hole - electric machines
	1215 7624	colour green (616)
	1216 2053	colour grey (212)

Base and Case

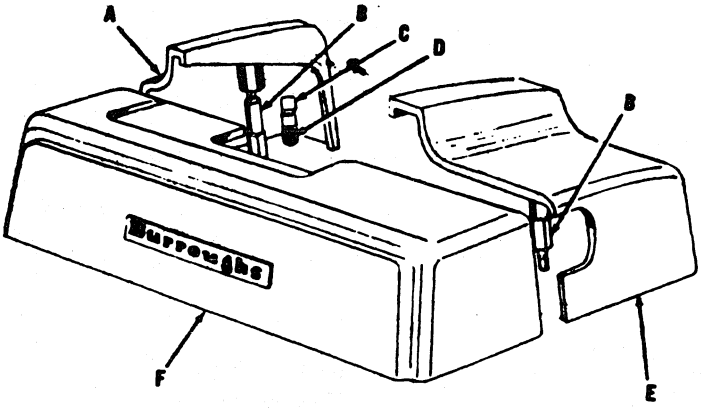
PART NUMBERS (Plate VII-7) - Continued

E	— — —	Ribbon cover for NA carriage
	1215 7889	colour green (616)
	1216 2046	colour grey (212)
	1215 7905	colour green (616) with slot for left side lever
	1216 2087	colour grey (212) with slot for left side lever
	1215 8697	colour green (616) with slots for levers, left and right
	1216 2129	colour grey (212) with slots for levers, left and right
	1216 0834	colour green (616) for rotary printing device
	1216 2111	colour grey (212) for rotary printing device
	1216 0958	colour green (616) for rotary printing device lever on left
	1216 2095	colour grey (212) for rotary printing device lever on left
F	1215 7632	clip
G	1010 0543	rivet
H	1216 1329	number plate
I	— — —	Hammerhead cover plate
	1215 8713	for NA carriage
	1216 5395	for RC carriage
	1216 0826	for NA carriage with rotary printing device
	1216 7219	for RC carriage with rotary printing device
	1215 8788	for 12¼" carriage
	1215 7855	for 12¼" carriage with rotary printing device
J	1010 7175	screw, use 1010 3067 rubber foot and 1013 7586 nut
K	1215 7657	base
	1216 1139	base for S,T,X, and Y carriages
L	1013 4310	keyboard brace
M	1216 1295	case holding screw
N	1215 7640	clip
O	1013 8212	hex. headed screw, 4 required

Base and Case

CARRIAGE COVERS FOR "RC" CARRIAGE - SERIES P1000 MACHINES

(Plate VII-8)

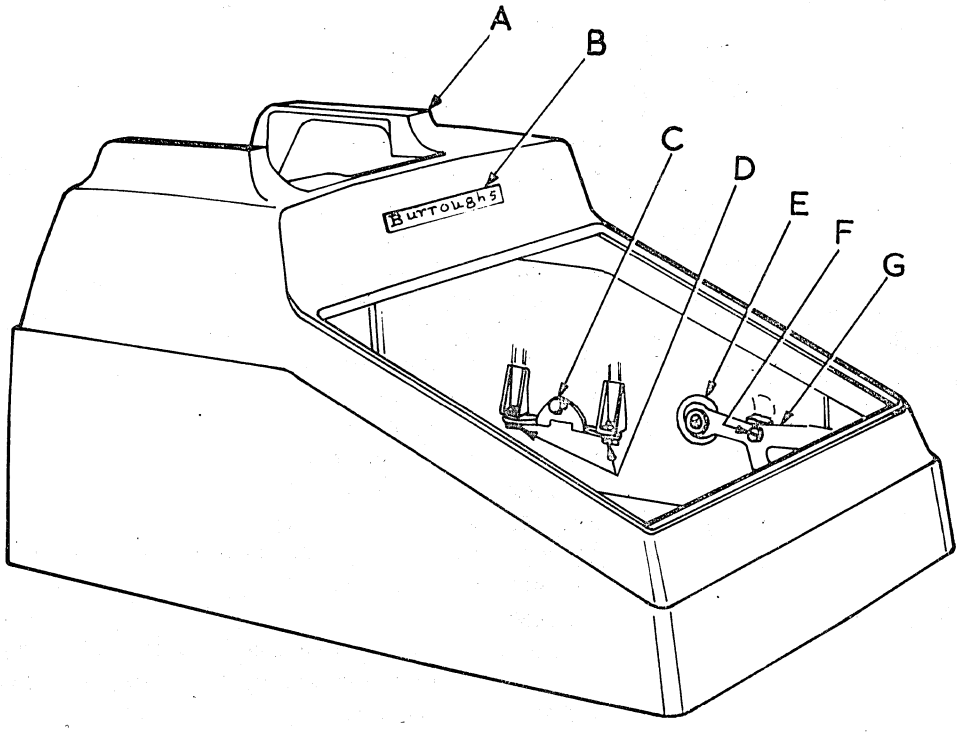


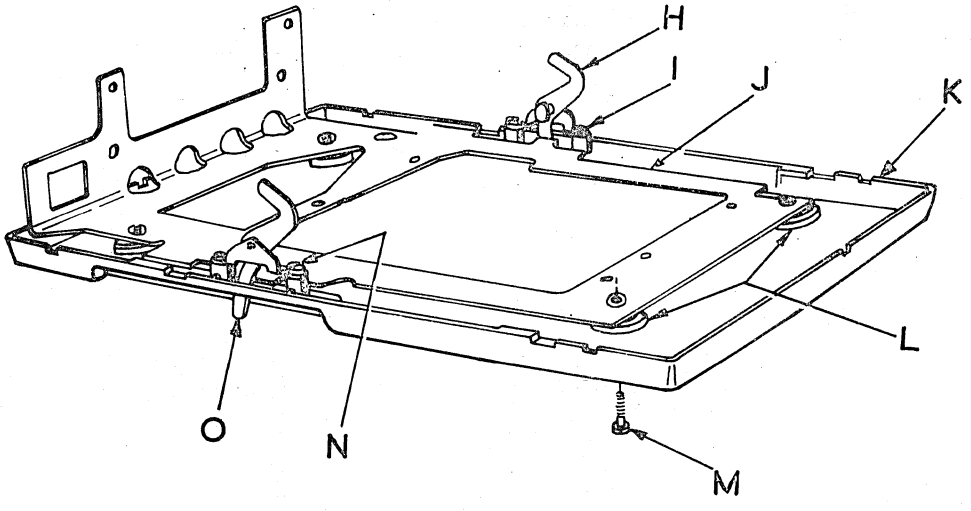
PART NUMBERS (Plate VII-8)

A	**1216 0974**	left rear cover, use 1216 1006 clip
B	**1216 0990**	post, use 1010 0410 nut
C	**1016 4747**	clip
D	**1010 6466**	screw
E	**1216 0966**	right rear cover, use 1216 1006 clip
F	**1215 7897**	ribbon cover See Plate VII-7, Ref. C for other styles

Base and Case

PLASTIC ONE PIECE CASE AND BASE DETAIL - SERIES P2200, P2300 AND P2400 MACHINES - TEN COLUMN CONSTRUCTION (Plate VII-8-1)





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Base and Case

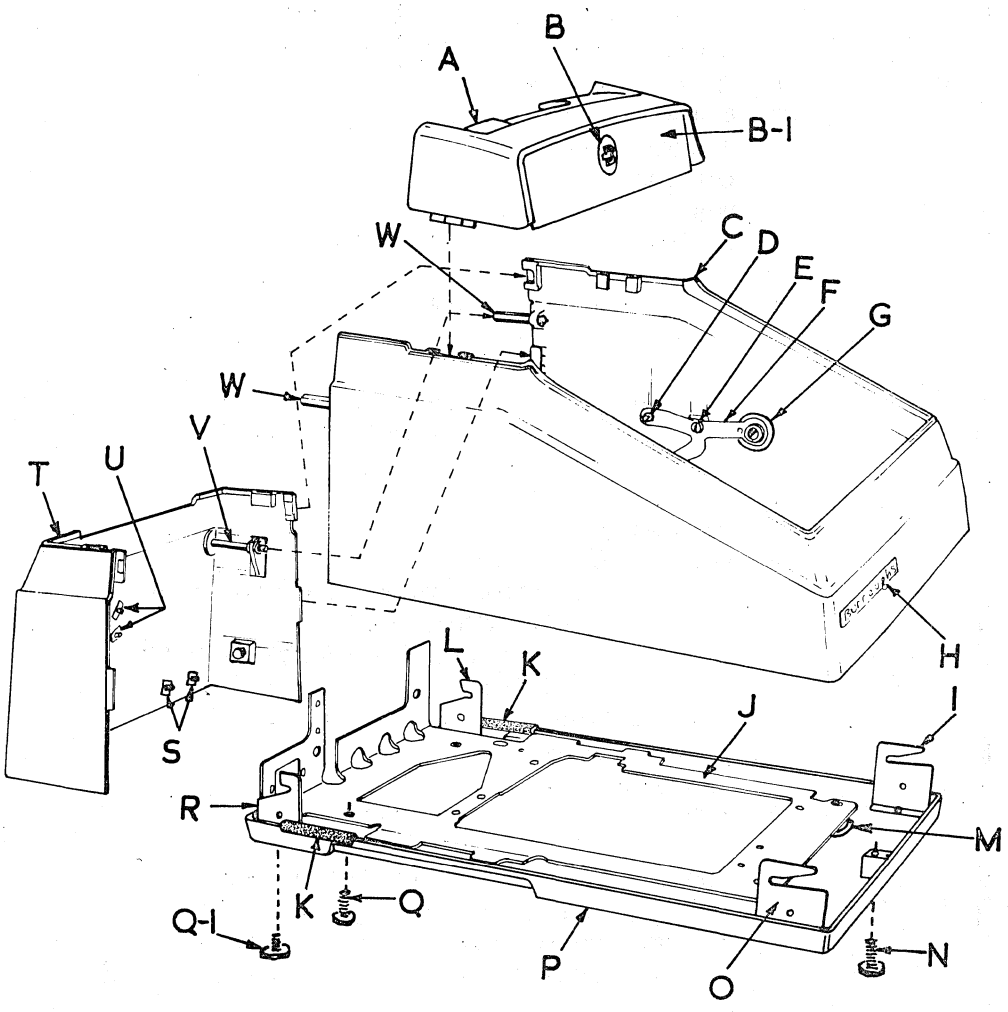
PART NUMBERS (Plate VII-8-1)

NOTE : The one piece plastic case is supplied in two colours, Grey 212 (light) and Grey 220 (charcoal)

A	---- ----	machine case, one piece, plastic
	1223 6089	grey 212 (light)
	1813 0229	grey 220 (charcoal)
B	---- ----	medallion
	1026 8738	3 7/8" x 3/8" - front
	1026 8753	3 1/8" x 3/8" - rear
	1607 5921	7/8" diameter - rear
		use 1017 6535 speed nuts for all medallions
C	**1223 5776**	latch bar, left and right
D	**1010 5393**	screw, use 1010 0378 nut
E	---- ----	plastic plug for hole
	1219 3512	grey 212 (light)
	1814 2992	grey 220 (charcoal)
F	**1218 4552**	screw
G	**1218 4537**	arm, use 1219 3520 plastic guide in front hole
H	**1223 5826**	case latch, right
I	**1023 7030**	screw
J	**1853 0188**	machine sub base, steel, use 1221 3161 posts (2) and 1220 0259 screws (2) for three pin receptacle
K	**1223 6071**	machine base, plastic, includes L
L	**1223 6147**	rubber feet
M	**1010 3398**	screw for L
N	**1023 7030**	screw
O	**1223 5818**	case latch, left

Base and Case

PLASTIC THREE PIECE CASE AND BASE DETAIL - SERIES P2200, P2300 AND P2400 - TEN COLUMN CONSTRUCTION FOR W2 CARRIAGE (12¼") (Plate VII-8-2)



PART NUMBERS (Plate VII-8-2)

NOTE : Plastic colour is Grey 212 - No optional colours

A	---- ----	ribbon cover
	1814 6027	shown
	1219 7240	slot for lever on left
	1219 7265	slots for levers left and right
B	**1607 5921**	medallion, use 1017 6535 speed nuts

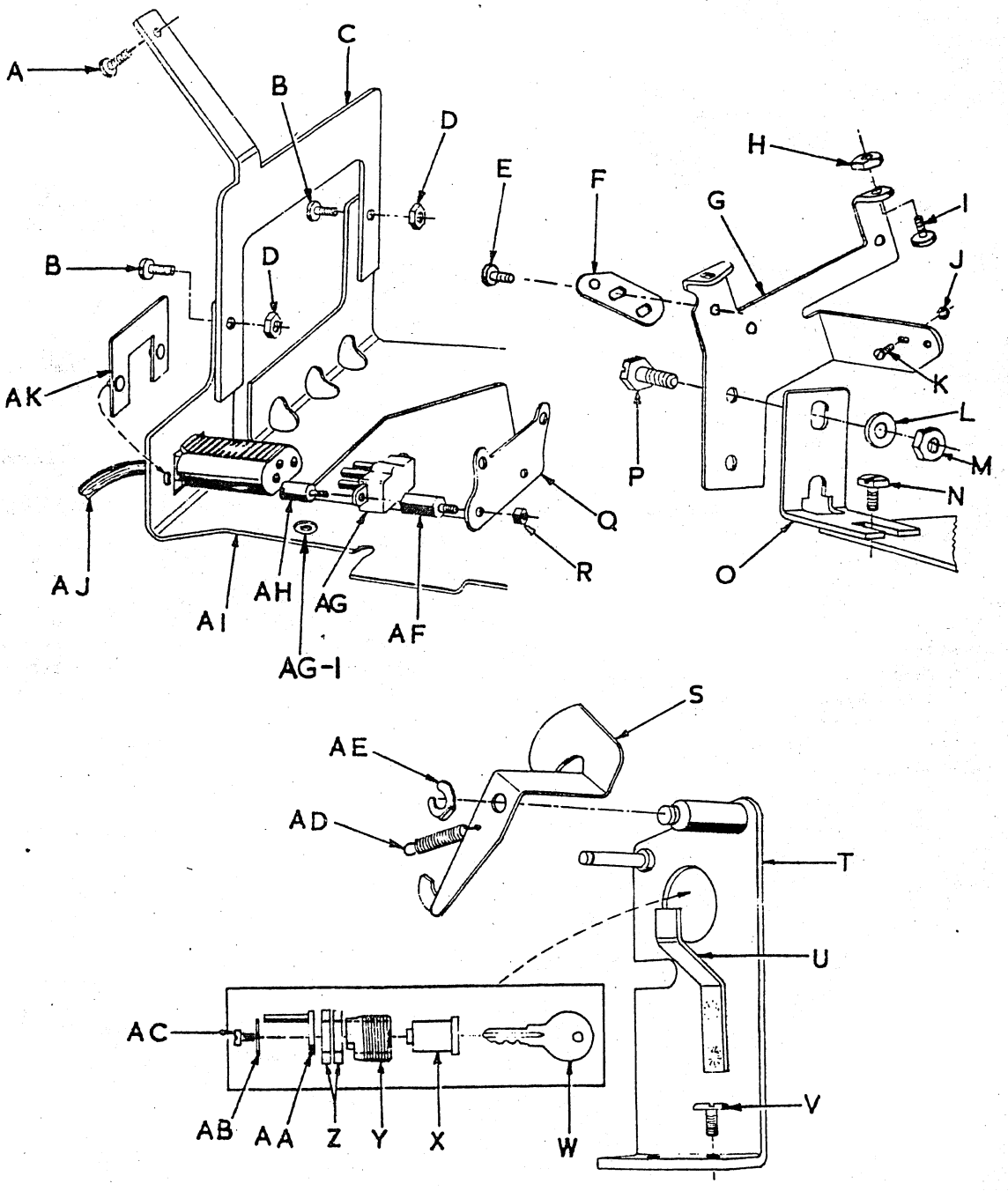
Base and Case

PART NUMBERS (Plate VII-8-2) - Continued

B-1	---- ----	front plate, grey 224
	1218 3620	shown } use **1017 6535** speed nut
	1219 7240	slot on left } use **1017 6535** speed nut
	1219 7265	slots, left and right } use **1017 6535** speed nut
C	**1814 6266**	front case
D	**1219 3520**	plastic guide
E	**1218 4552**	screw
F	**1218 4537**	arm
G	**1219 3512**	plastic plug
H	**1026 8738**	medallion , 3 7/8" x 3/8" , use 1017 6535 speed nuts
I	**1813 4528**	bracket, front right
J	**1217 4264**	sub-base
K	**1814 8304**	base rubber
L	**1813 4569**	bracket, rear right
	1010 4867	screw for case brackets, use 1256 7731 lockwasher
M	**1223 6147**	rubber foot
N	**1813 4585**	case screw
O	**1813 4536**	bracket, front left
P	**1814 5110**	plastic base, includes K(2), I, O, R, L, Q-1, M
Q	**1010 3398**	screw for rubber foot
Q-1	**1010 4867**	screw for bracket, use 1256 7731 lockwasher
R	**1813 4577**	bracket, rear left
S	**1026 8753**	medallion, 3 1/8" x 3/8", use 1017 6535 speed nuts
T	**1814 6324**	rear case
U	**1607 5921**	medallion, 7/8" diameter, use 1017 6535 speed nuts
V	**1814 9930**	case screw, use 1010 4982 washer and 1255 3129 clip
W	**1814 9948**	hexagon post, use 1010 5575 washers and 1010 0378 nut

Base and Case

SUB-BASE DETAIL – SERIES P2200, P2300, P2400, P3200, P3400, P3600, P7400, P7600, P8300 MACHINES WITH PLASTIC BASE AND CASE (Plate VII-8-4)



PART NUMBERS ON NEXT PAGE

Base and Case

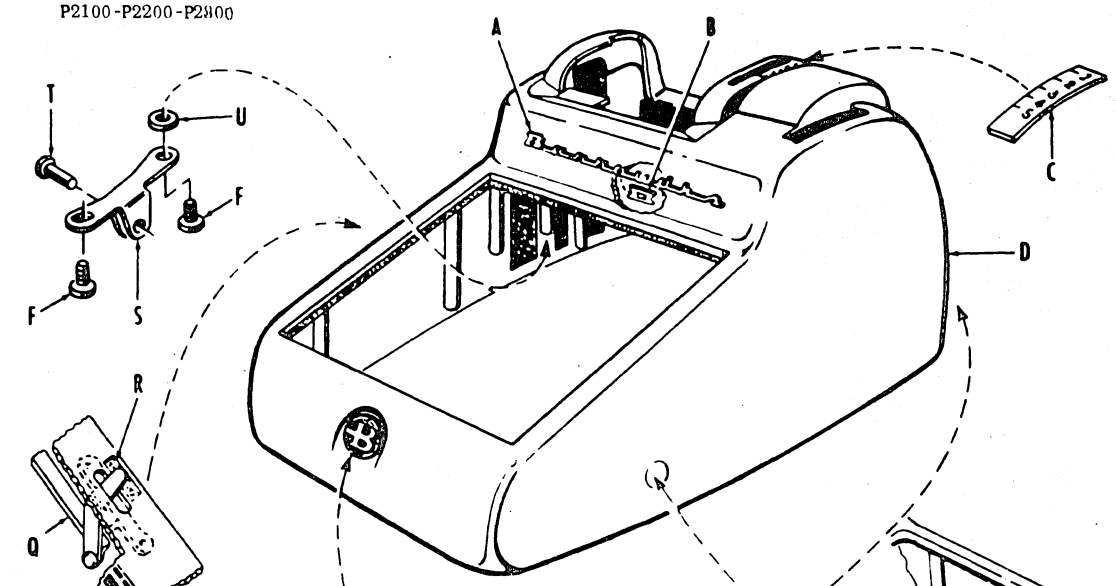
PART NUMBERS (Plate VII-8-4)

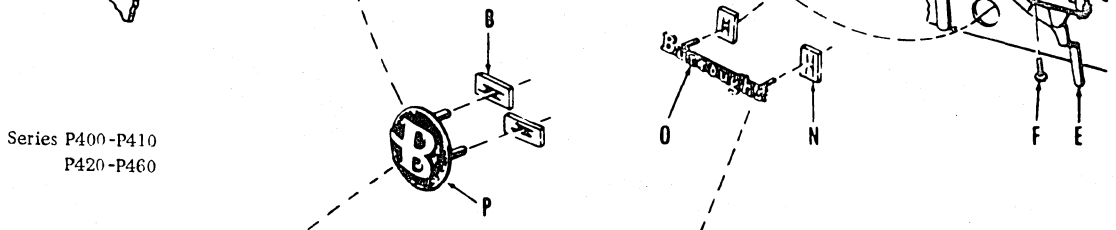
A	**1011 0179**	screw
B	**1010 6706**	screw
C	---- ----	carriage support
	1814 9799	part shown, with bracing arm on left, used for Passbook Carriage 12¼"
	1217 1245	bracing arms, right and left, used for RG Carriage 7½"
✓	**1853 1921**	single brace arm only, used only on 13 col. machines with S, SA, T, TA, X, Y, YA (12¼") carriages
✓	**1224 4802**	part fitted with support lugs, left and right, for screw fixing to base plate of 12¼" (W2) carriage, use 1013 1753 screws thru carriage base plate; 1010 4305 screws and 1337 9284 eccentrics at lower anchoring points
D	**1013 7883**	nut
E	**1013 1753**	screw, use 1010 0402 nut
F	**1853 1343**	support for cipher stop shaft, extended
G	---- ----	keyboard support
	1217 3225	part shown, for 10 column machine
✓	**1013 4435**	brace for 13 column machines, use 1013 4476 front bracket and 1219 2019 rear bracket for sub-base
H	**1256 5230**	nut
I	**1340 3522**	screw
J	**1010 0477**	nut
K	**1011 0096**	screw
L	**1256 8028**	washer
M	**1010 0402**	nut
N	**1018 0354**	screw
O	**1217 3233**	anchor bracket for G
P	**1256 1106**	screw
Q	**1813 3793**	mounting plate for AG
R	**1010 0360**	nut
S	**1813 1466**	indicator arm
T	**1813 1441**	bracket only
	1853 1616	bracket with assembled lock
U	---- ----	part of T
V	**1011 2902**	screw
W	**1010 2960**	key, stamped BU 2200
X	**1853 1582**	lock cylinder and housing, stamped BU 2200, comprises of X, Y and AC
Y	---- ----	part of X
Z	**1853 1590**	nut
AA	**1813 1474**	stud plate
AB	**1013 6869**	washer, notched for stud in AA
AC	---- ----	part of X, use 1256 7731 lockwasher under screw head
AD	**1026 9900**	spring
AE	**1255 3145**	clip
AF	**1221 3161**	hexagon mounting post
AG	**1218 7233**	three pin receptacle
✓	AG-1 **1853 1244**	repair hub for sub-base, required when original part loosens
AH	**1220 0259**	screw
AI	---- ----	machine sub-base
✓	**1853 0188**	for all 10 column machines except when bracket T is required
	1813 1433	for 10 column machines requiring bracket T
	1217 4256	for all 13 column machines
AJ	---- ----	for line cords, see Plate VI-38, revised May, 1972
✓	AK ---- ----	plate for retention of line cords
	1813 3801	used with rubber covered line cords
	1853 2515	copper plated, used with plastic covered line cords

Base and Case

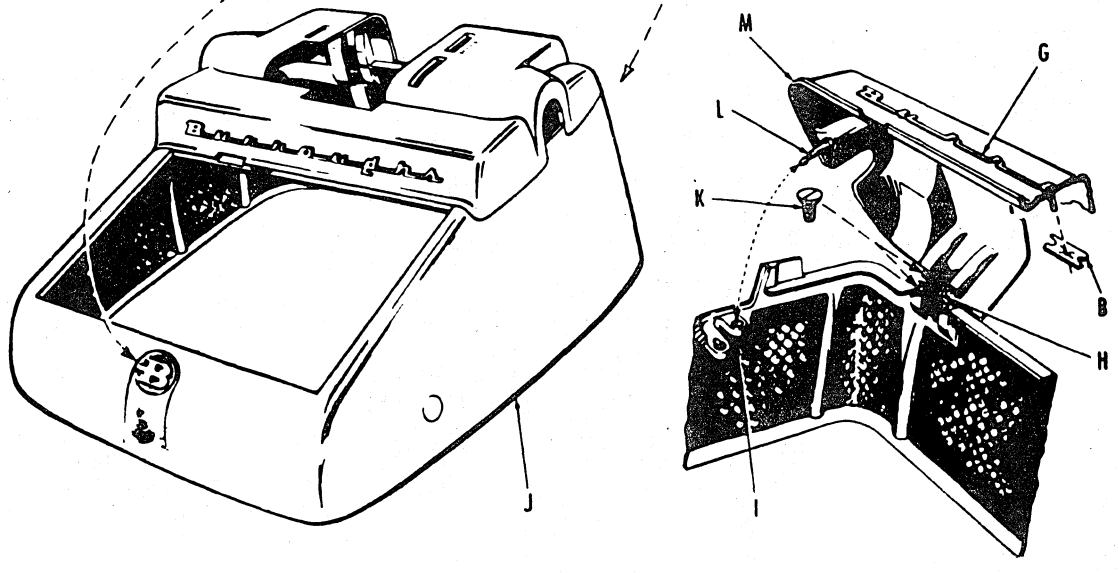
DIE CAST CASE DETAIL - SERIES P100, P200, P300, P2100, P2200, P2300 AND P400 MACHINES (Plate VII-9)

Series P100-P200-P300
P2100-P2200-P2300





Series P400-P410
P420-P460



Base and Case

PART NUMBERS (Plate VII-9)

Note : Cases for Series P100, P200, and P300 machines have the rounded outline as illustrated. Grey 203.
Cases for Series P2000 machines have the angular outline (not illustrated). Grey 222 or 223.

A	**1026 8738**	medallion 3 7/8" The early medallion 7 5/16" is no longer obtainable - use appropriate ribbon cover or case assembly
B	**1017 6543**	speed nut
C	**1020 0616**	decal
D	**1011 0518**	case for P100-200-300 with 3 7/8" carriage
	1019 7176	case for P100-200-300 with 3 7/8" carriage and slot for lever Q
	1019 6921	case for P100-200-300 with 3 7/8" carriage and counter dial
	1019 7184	case for P100-200-300 with 3 7/8" carriage, slot for lever Q and counter dial
	1011 0492	case for P100-200-300 with 12¼" (W2) carriage
	1019 7127	case for P100-200-300 with 12¼" (W2) carriage and counter dial
	1019 7200	case for P100-200-300 with 12¼" (W2) carriage and slot for lever Q
	1019 7218	case for P100-200-300 with 12¼" (W2) carriage slot for lever Q and counter dial
	1011 0476	case for P100-200-300 with 3 7/8" carriage and U.S. radio interference suppressor
	1011 0468	case for P100-200-300 with 12¼" (W2) carriage and U.S. radio interference suppressor
	1220 1786	case for P110-210 with 12¼" (W2S) shuttle carriage
	1220 1760	case for P310 with 12¼' (W2S) shuttle carriage
	1053 4709	colour grey 223
	1053 1648	colour grey 222 cases for P2100-2200-2300 with 3 7/8" carriage
	1220 1737	colour grey 222
	1220 1745	colour grey 223 cases for P2100-2200-2300 with 3 7/8" carriage and slot for lever Q
	1215 1544	colour grey 223 case for P2100-2200-2300 with 3 7/8" carriage and counter dial
	1215 1577	colour grey 223 case for P2100-2200-2300 with 3 7/8" carriage, slot for lever Q and counter dial
	1053 3099	colour grey 222 case for P2100-2200-2300 with 12¼" (W2) carriage
D	**1215 1585**	colour grey 222 case for P2100-2200-2300 with 12¼" (W2) carriage and counter dial
	1221 4573	colour grey 222 case for P2100-2200-2300 with 12¼" (W2) carriage and slot for lever Q
	1215 1593	colour grey 222 case for P2100-2200-2300 with 12¼" (W2) carriage, slot for lever Q and counter dial
	1221 4540	colour grey 222 case for P2110-2210 with 12¼" (W2S) shuttle carriage
	1221 4557	colour grey 222 case for P2310 with 12¼" (W2S) shuttle carriage
E	**1032 9571**	colour grey 203 Handle opening plug for P100-200-300
	1220 1125	colour grey 222
	1220 1133	colour grey 203 Handle opening lever for P2100-2200-2300
	1044 4008	colour grey 203 - early construction
	1215 3995	colour grey 203 Handle opening lever for P400
F	**1023 7030**	screw
G	**1026 8738**	medallion 3 7/8". The early medallion 9¼" is no longer obtainable use appropriate ribbon cover M
H	**1017 3730**	hinge
I	**1044 3000**	spring
J	**— — —**	**case** with ribbon cover, Series P400, colour grey 203
	1016 1776	for 3 7/8" carriage (A2) 2 9/32" roll paper
	1016 1784	for 3 7/8" carriage (A2) 3 7/16" roll paper
	1016 1743	for 12¼" (B) carriage
	1215 5982	for 12¼" shuttle carriage (W2S) for P410-420
	1215 7236	for 12¼" shuttle carriage (W2S) for P460
K	**1016 1669**	screw
L	**1016 1651**	post
M	**— — —**	Ribbon cover, order only as req.
	1027 7853	for P100-200-300 with W2 cge.
	1027 7853	for P110-210 with W2(S) shuttle carriage
	1216 4182	for P310 with W2(S) shuttle cge.
	1216 4190	for P2100-2200-2300 with W2 cge.

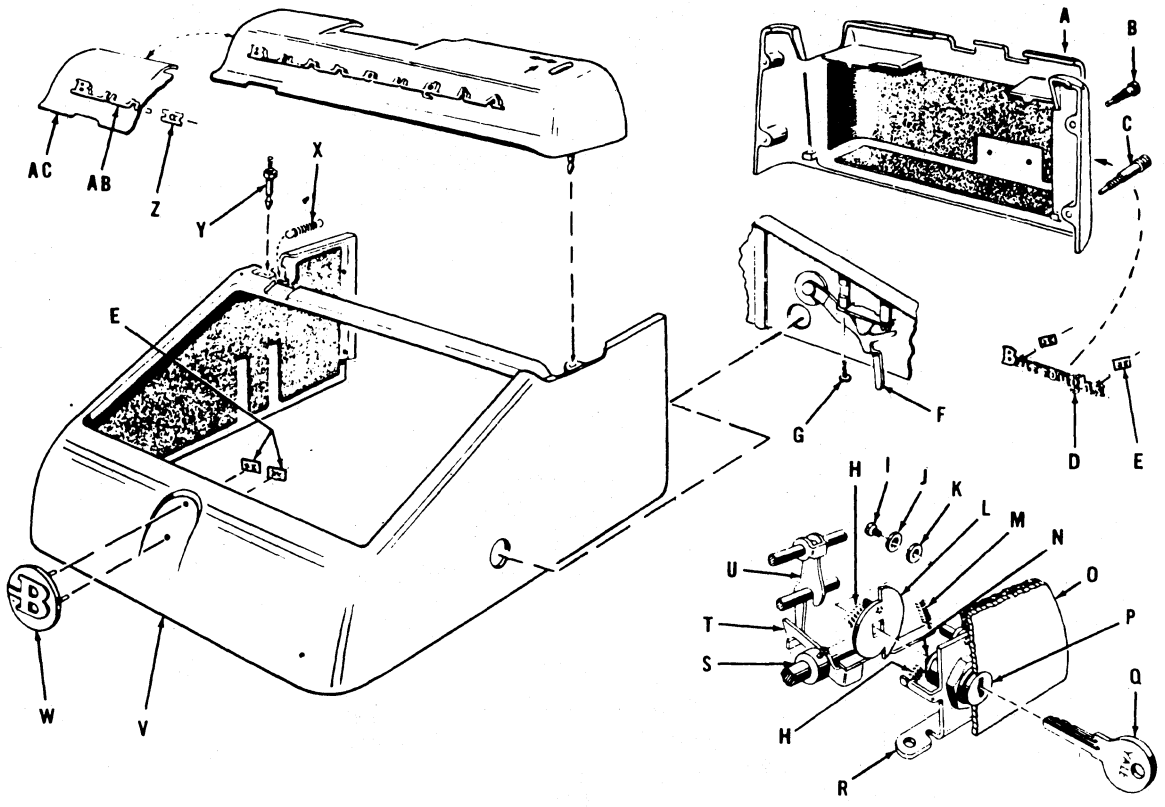
Base and Case

PART NUMBERS (Plate VII-9) - Continued

M	**1216 4208**	For P2110-2210 with W2(S) shuttle carriage
	1216 4216	For P2310 with W2(S) shuttle carriage
	1053 3081	For P400 with 3 7/8" carriage (A2) 2 9/32" roll paper
	1029 4247	For P400 with 3 7/8" carriage (A2) 3 7/16" roll paper
	1029 4239	For P400 with 12 1/4" carriage (B)
	1216 4224	For P410-420 with 12 1/4" shuttle carriage B(S)
	1216 4232	For P460 with 12 1/4" shuttle carriage B(S)
N	**1017 6535**	speed nut
O	**1026 8753**	medallion for P100-200-300-400 cases only. See P for other medallions.
P	**1010 3000**	medallion, colour Red 400
	1026 8597	medallion, colour Brown 128
	1026 8712	medallion, colour Red 400 - fitted one to each side of case for 3 7/8" carriage machines - one fitted to rear of case for 12 1/4" carriage machines P2100-2200-2300
Q	**1022 9425**	lever
R	**1019 9644**	decal
S	**1011 0393**	bracket
T	**1017 9729**	locking stud
U	**1010 3315**	spacer

Base and Case

DIE CAST CASE DETAIL - SERIES P600 MACHINE (Plate VII-10)



PART NUMBERS (Plate VII-10)

Note : For complete cases refer to plate VII-4.

A	— — —	Back section not supplied separately. Order complete assembly for machine style
B	1018 0412	shoulder screw
C	1017 6766	shoulder screw
D	1026 8753	name plate
E	1017 6535	clip
F	1032 9571	handle opening lever
G	1023 7030	screw
H	1014 6280	spring
I	1013 8782	screw
J	1010 4354	lockwasher
K	1303 6694	washer
L	1017 3839	lock plate
M	1027 1948	spring, use 1026 6351 spring anchor
N	1010 6607	washer
O	— — —	Complete assembled case with lock in position 79
	1033 0231	10 col. machine — with rotary mechanism and lock
	1033 0249	13 col. machine — to prevent machine operating
	1019 7242	10 col. machine — with auto totals, rotary mechanism and
	1019 7259	13 col. machine — lock to prevent machine operation
P	— — —	Lock.
	1010 0725	for combination B.U. 2001
	1010 0733	for combination B.U. 2002
	1010 0741	for combination B.U. 2003
	1010 0758	for combination B.U. 2004
	1010 0766	for combination B.U. 2005

Base and Case

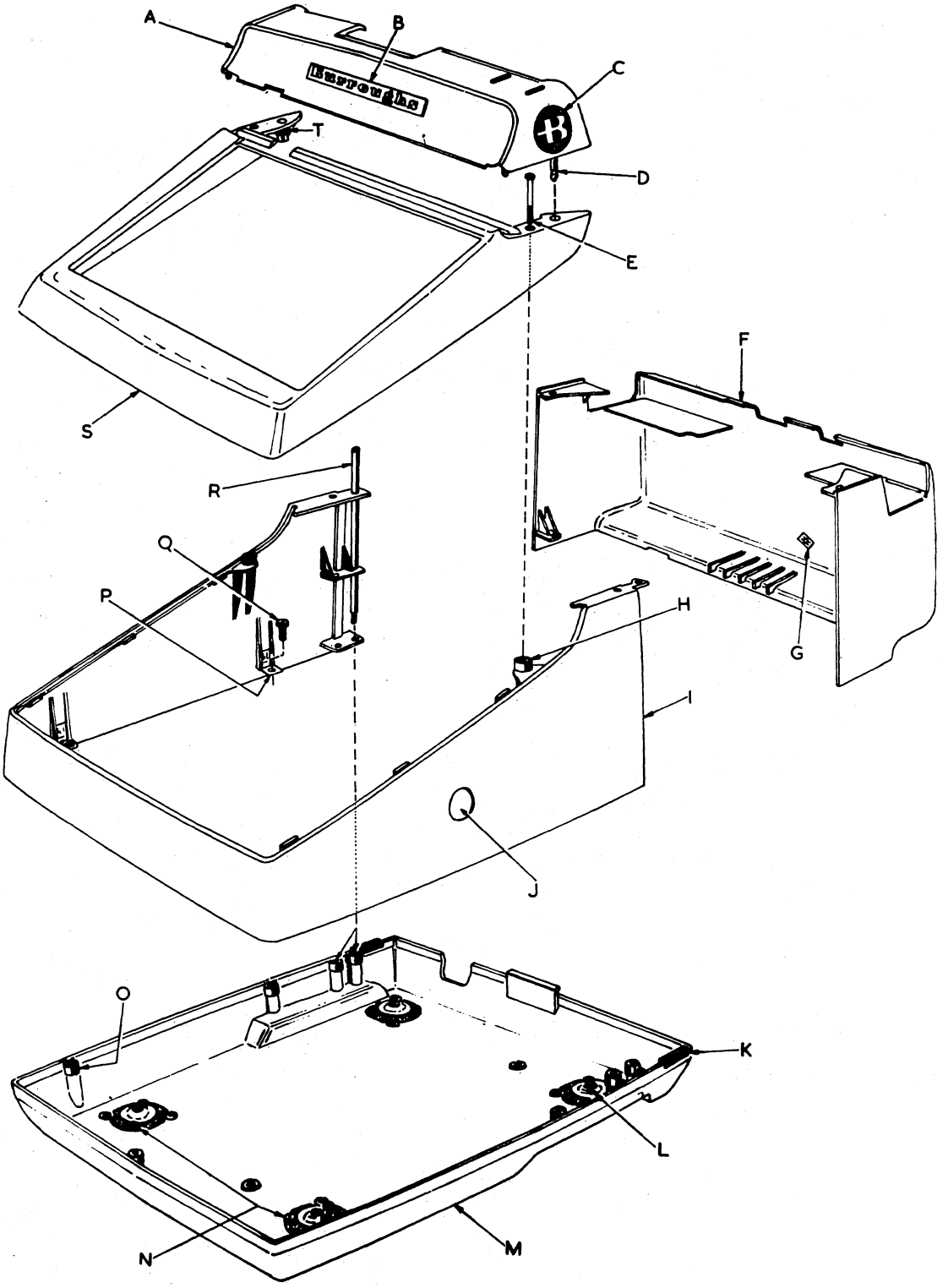
PART NUMBERS (Plate VII-10) - Continued

P	1010 0744	for combination B.U. 2006
	1010 0782	for combination B.U. 2007
	1010 0790	for combination B.U. 2008
	1010 0808	for combination B.U. 2009
	1010 0816	for combination B.U. 2010
Q	— — —	Key.
	1010 1905	for combination B.U. 2001
	1010 1913	for combination B.U. 2002
	1010 1921	for combination B.U. 2003
	1010 1939	for combination B.U. 2004
	1010 1947	for combination B.U. 2005
	1010 1954	for combination B.U. 2006
	1010 1962	for combination B.U. 2007
	1010 1970	for combination B.U. 2008
	1010 1988	for combination B.U. 2009
	1010 1996	for combination B.U. 2010
R	1017 3821	bracket, use 1023 7030screws
S	1010 3893	set collar, use 1010 3919 screw
T	1017 3797	latch
U	1017 3805	arm
V	— — —	front section not supplied separately. Order complete assembly for machine style
W	1010 3000	medallion
X	1044 3000	spring
Y	1016 1651	post
Z	1017 6543	clip
AB	— — —	No replacement. OBSOLETE
AC	— — —	Ribbon cover, for machines with R.C.F. lock in position 79, with or without automatic totals
	*1034 6989	for 10 col. machines
	*1034 6997	for 13 col. machines

* Not To Be Stocked. Order Only For Actual Need.

Base and Case

BASE AND CASE DETAIL - SERIES P5000 AND P9000 (Plate VII-11)



Base and Case

PART NUMBERS (Plate VII-11)

A	---- ----	ribbon cover, Grey 228
	1219 8032	for standard P5000 with A2 (3 7/8") carriage
	1218 4602	for P5000 with optional B (12 1/4") carriage
	1218 5179	for P5000 single register with B(S) shuttle carriage
	1218 4644	for P5000 double register with B(S) shuttle carriage
	1218 4610	for P9000 with 15" front or rear feed carriage
	1218 4628	for P9000 with 15" or 20" carriage, 13 columns keyboard capacity and Rotary Calendar Feature
	1218 4636	for P9000 with 15" or 20" carriage, 10 columns keyboard capacity and Rotary Calendar Feature
B	**1224 5940**	medallion (fixed with cement)
C	**1224 5650**	medallion (fixed with cement)
✓D	**1218 4495**	locating peg for ribbon cover, use 1853 1525 clip around plastic embossing
E	**1224 1931**	screw to secure keyboard collar to case
F	---- ----	case, rear section, Blue 711
F	**1218 4834**	for standard P5000 with A2 (3 7/8") carriage
	1224 4778	for P5000 with optional B(12 1/4") carriage
	1813 2712	for P5000 with B(S) shuttle carriage
G	**1017 6535**	speed nut (2 req'd.) for securing medallion
	1026 8738	medallion
H	**1224 2368**	clip around plastic embossing in front section
I	---- ----	case, front section, Blue 711
	1218 4669	for P5000 and P9000, all styles
✓J	**1218 4529**	plastic plug for handle hole
	1218 4537	spring lever for plug
	1219 3520	plastic friction pad
	1218 4552	pivot screw for lever
	1224 2350	clip around plastic embossing
K	**1224 5460**	rubber moulding for base rim (2 req'd.)
L	**1016 1859**	rubber foot and shock mount front (2 req'd.)
	1016 1867	rubber foot and shock mount rear (2 req'd.)
	1216 0503	rubber foot and shock mount rear for machines with 20" carriages (2 req'd.)
M	---- ----	base assembly, blue 711, includes parts L, N and O
	1218 4719	for P5000 and P9000, all styles
	1219 1078	for P9000 with 20" carriage
N	**1028 8793**	screw to secure foot and shock mount, use 1256 7731 lockwasher and 1010 0436 nut
✓O	**1853 1525**	clip around plastic embossing in base
P	**1218 4503**	clip (5 req'd.)
Q	**1256 0850**	screw for case clips (5 req'd.)
R	**1218 4727**	threaded shaft to secure front and rear case sections
S	---- ----	keyboard collar, Grey 228
	1218 4289	for P5000 and P9000, all styles
✓T	**1218 4826**	clip around plastic embossing in keyboard collar

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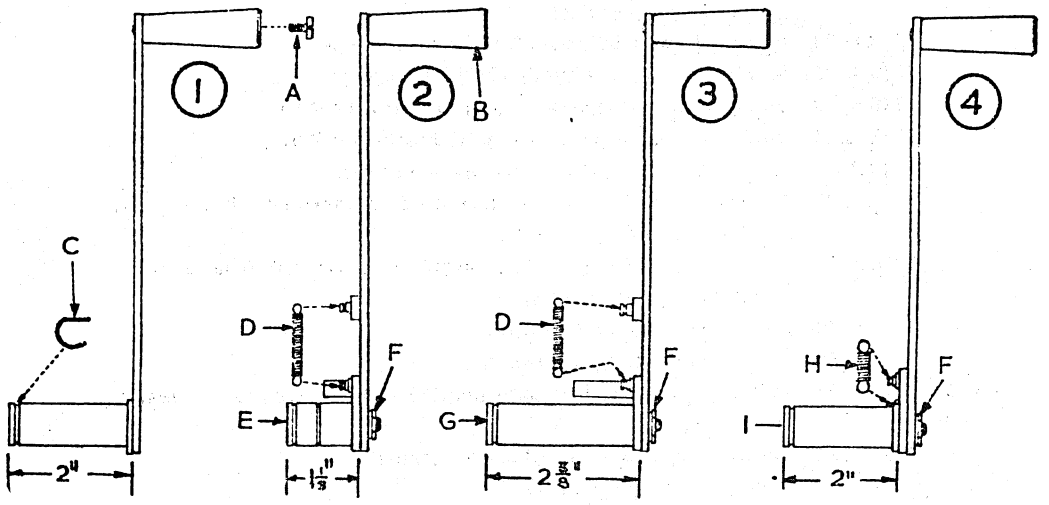
Base and Case

OPERATING HANDLE CHART - CLASSES 8 9, 10 AND SERIES P MACHINES

(Plate VII-12)

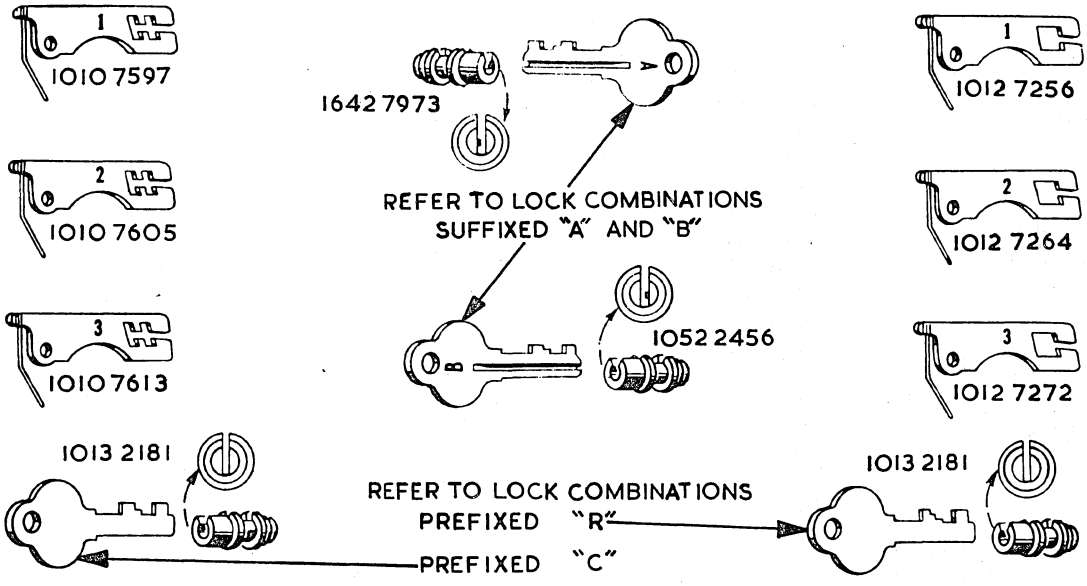


Ref.	Description	Part Number
1	Use for all Hand Operated Machines : Classes 8,9,10 and Series P	1215 7996
2	Use for Hand/Electric Machines : Classes 8,9,10, steel case	1011 1128
3	Use for Hand/Electric Machines Without Handle Side Safety Switch, With Kidney Shaped Hole in Case for Handle : Series P1200,P1300,P1400,P300 Machines with steel base base and plastic case : Series P3200,P3400,P3600,P7400,P7600,P8300, with plastic base and plastic case	1219 1938
4	Use for Hand/Electric Machines With Handle Side Safety Switch and Round Hole in Case for Handle : Series P100,P200,P300,P2100,P2200,P2300,P400,P600 Machines, with die cast base and die cast case : Series P2200,P2300,P2400 Machines, with plastic base and plastic base. Latest styles of these machines have handle side switch removed and accordingly use handle ref.3 : Series P5000,P9000 Machines with plastic base and plastic case	1219 9899

A	**1010 4685**	screw	F	**1011 2340**	shoulder nut, use 1010 3778 washer
B	**1053 3909**	handle grip	G	**1219 1946**	handle hub 2 3/8" (6 cms.)
C	**1011 3033**	wire clip	H	**1028 8421**	spring
D	**1027 2037**	spring	I	**1219 9675**	handle hub 2" (5 cms.)
E	**1011 1169**	handle hub, 1 1/8" (3 cms.)			

Base and Case

OPTIONAL LOCK COMBINATIONS FOR CASES OR REWIND COVERS CLASSES 8, 9, 10 MACHINES (Plate VII-13)



PART NUMBERS (Plate VII-13)

Note : The following chart will assist in the identification of keys and cylinders and will facilitate changing the lock tumblers from the standard arrangement to any of the optional combinations.

Lock Combination	Key Numbers	Cylinder Number	Additional Tumblers req. for conversion
C111	1010 7654	1013 2181	(2) 1010 7597
C112	1010 7688	1013 2181	(1) 1010 7597
C113	1010 7639	1013 2181	(1) 1010 7597
C121	1227 6895	1013 2181	(1) 1010 7597
C131	1227 6903	1013 2181	(1) 1010 7597
C132	1010 7696	1013 2181	NONE
C133	1010 7753	1013 2181	(1) 1010 7613
C211	1010 7712	1013 2181	(1) 1010 7597
C212	1010 7746	1013 2181	(1) 1010 7605
C213	1010 7779	1013 2181	NONE
C221	1010 7720	1013 2181	(1) 1010 7605

Base and Case

PART NUMBERS (Plate VII-13) - Continued

Lock Combination	Key Numbers	Cylinder Numbers	Additional Tumblers req. for conversions
C231	1010 7621	1013 2181	NONE
C311	1010 7647	1013 2181	(1) 1010 7597
C312	1010 7670	1013 2181	NONE
C313	1010 7787	1013 2181	(1) 1010 7613
C321	1010 7704	1013 2181	NONE
C331	1010 7738	1013 2181	(1) 1010 7613
222A	1049 2106	1642 7973	(2) 1010 7605
223A	1049 2122	1642 7973	(1) 1010 7605
232A	1049 2163	1642 7973	(1) 1010 7605
233A	1049 2114	1642 7973	(1) 1010 7613
322A	1049 2171	1642 7973	(1) 1010 7605
323A	1049 2155	1642 7973	(1) 1010 7613
332A	1049 2148	1642 7973	(1) 1010 7613
333A	1049 2130	1642 7973	(2) 1010 7613
222B	1049 2213	1052 2456	(2) 1010 7605
223B	1049 2239	1052 2456	(1) 1010 7605
232B	1049 2254	1052 2456	(1) 1010 7605
233B	1049 2189	1052 2456	(1) 1010 7613
322B	1049 2205	1052 2456	(1) 1010 7605
323B	1049 2221	1052 2456	(1) 1010 7613
332B	1049 2197	1052 2456	(1) 1010 7613
333B	1049 2247	1052 2456	(2) 1010 7613
R123	1046 2802	1013 2181	NONE
R122	1046 2794	1013 2181	(1) 1012 7264

Base and Case

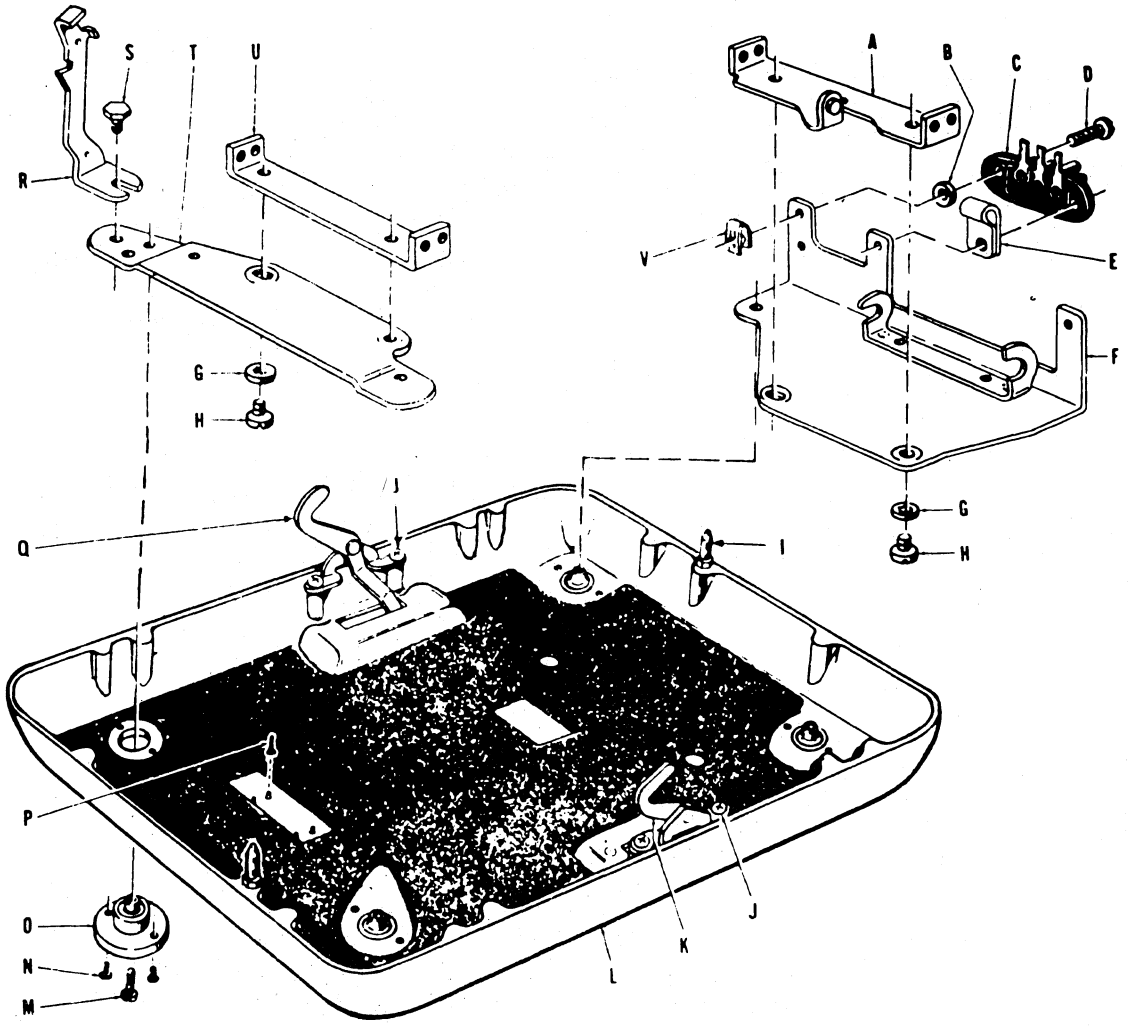
MACHINE BASE CHART, SERIES P MACHINES (Plate VII-14)

Note : See Plate VII-4 for Strathleven bases according to machine style

Part Number	Colour	Description
1225 8448	Grey 203	Classes 8 and 10 machines with 3 7/8" carriage also class 10 machines with 3 register construction. Steel cased machines
1053 3495	Grey 203	Classes 8, 9, 10 machines with 12 1/4" tabulating carriage. Steel cased machines.
1013 6059	Grey 203	Class 9 style 13 machines with 3 7/8" carriage. Steel cased machines
1013 6067	Grey 203	Class 9 style 13 machines with 12 1/4" tabulating carriage Steel cased machines.
1011 0443	Beige 125 Grey 202	Series P100, P200, P300. Die Cast case machines Series P400 and P600. Die cast case machines
1033 0108	Nickel plate	Class 8 hand machines with cash drawer. Steel cased machines.
1215 7657	Grey 212	Series P1000 with RC and W carriages also P3413 cash styles. Plastic cased machines.
1216 1139	Grey 212	Series P1000 with S,T,X, and Y carriages. Plastic cased machines.
1053 1630	Grey 222	Series P2000 machines. Die cast case machines.
1220 1927	Grey 203	Series P110, P210, P310. Die cast case machines.
1215 7673	Grey 212	Classes 910120, 910121. Plastic cased machines.
1220 0663	Grey 215	Classes 8, 9, 10, V and R. Steel cased machines.
1041 2146	Grey 215	Classes 8, 9, hand cash styles. Steel cased machines.
1053 3065	Tan 141	Classes 8, 9, 10, hand and electric cash styles. Steel cased machines
1216 5445	Grey 222	Classes 8 and 10 hand and electric cash styles. Steel cased machines.
1216 3812	Grey 212	Series P3000 cash styles. Narrow plastic cased machines.
1041 2138	Grey 215	Class 8 and 10 electric cash styles. Steel cased machines.

Base and Case

BASE, SUB-BASE AND BRACES - SERIES P100, P200, P300, P2100, P2200 AND P2300 MACHINES (Plate VII-15)

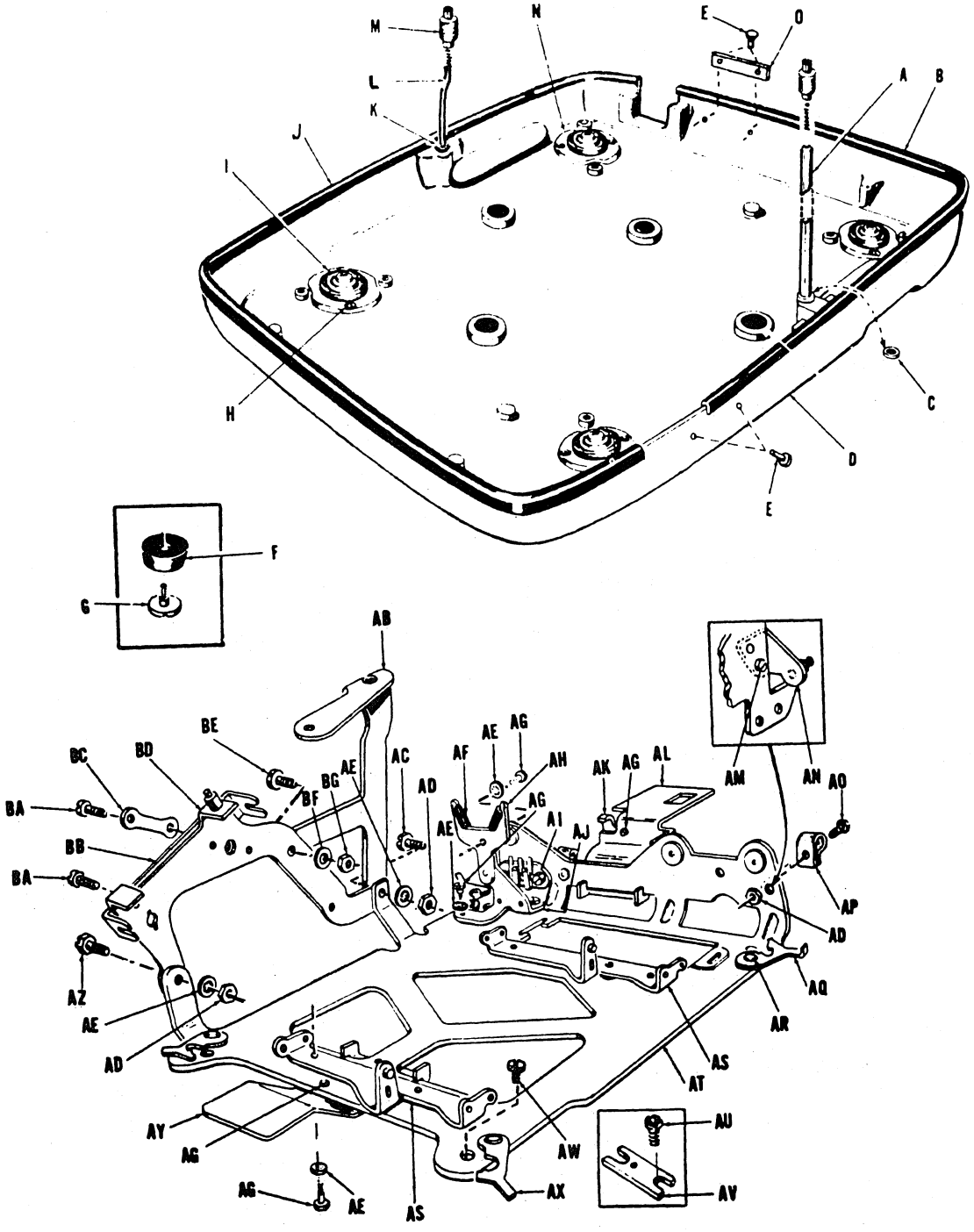


PART NUMBERS (Plate VII-15)

A	1013 3049	tie strap
B	1010 6813	spacer
C	1029 2258	cord receptacle
	1218 7233	cord receptacle for P(S) motor
D	1256 0884	screw, shown
	1010 5161	screw, for 1027 7820 support
E	1028 7084	clip
F	1011 0351	support, see Plate VII-18 for other styles
G	1010 4354	lockwasher
H	1010 5401	screw
I	1017 6741	post
	1053 3990	post, for 1053 1630 base
J	1023 7030	screw
K	1011 0302	latching arm
	1053 4006	latching arm (right) for 1053 1630 base
L	1011 0443	base - P100, P200, P300 machines
	1220 1927	base - P110, P210, P310 machines
	1053 1630	base - P2100, P2200, P2300 and shuttle styles
M	1010 3398	screw
N	1018 0420	screw for early foot only
O	1018 1709	grommet type foot
P	1010 0535	rivet
Q	1011 0286	latching arm
	1053 3982	latching arm left for 1053 1630 base
R	1019 5865	front support P100, P200, P300 machines
	1013 4369	front support P2100, P2200, P2300 machines
S	1303 1562	screw
T	1011 0310	front support see Plate VII-18 for other styles
U	1013 4013	tie strap
V	1300 1508	clip

Base and Case

BASE, SUB-BASE AND BRACES - SERIES P400, P600 MACHINES (Plate VII-16)



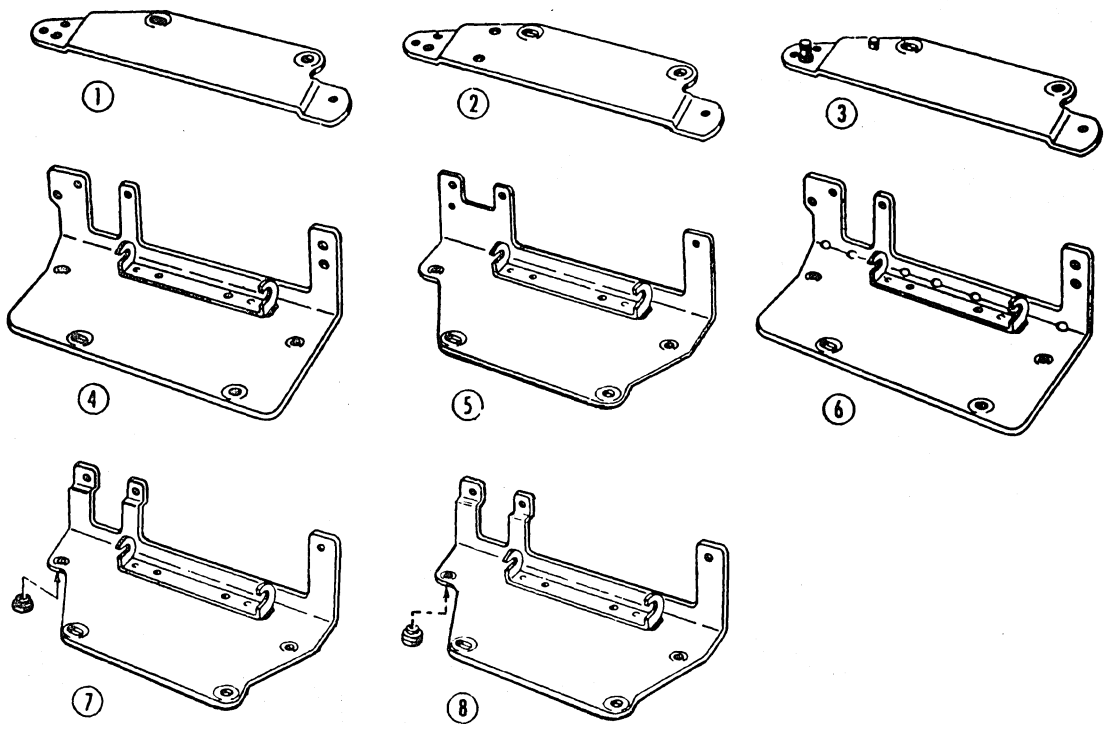
Base and Case

PART NUMBERS (Plate VII-16)

A	1017 3227	case support
B	1016 1883	rubber moulding
C	1017 1510	spacer
D	— — — —	no longer available
E	1010 0535	rivet
F	1010 3067	rubber foot on machines before P241578D
G	1030 4673	screw
H	1010 3752	screw
I	1016 1859	front shock mount and foot assembly on machines after P241577D
J	1016 1875	rubber moulding
K	1010 0311	nut
L	1017 3219	case support
M	1019 9313	knurled nut
N	1016 1867	rear shock mount and foot assembly on machines after P241577D
O	1010 2986	specification plate
AB	1020 5888	carriage bottom plate brace
AC	1011 2662	screw
AD	1010 0311	nut
AE	1010 4354	lockwasher
AF	1015 5679	cushion
AG	1017 9968	screw
AH	1015 5398	motor support
AI	1017 3136	screw use 1010 0360 nut
AJ	1015 5406	bracket
AK	— — —	included in AL
AL	1019 7945	finger grip
AM	1011 0179	screw, use 1010 0360 nut
AN	1019 5329	accumulator brace
AO	1023 7188	screw
AP	1010 3083	plastic clip
AQ	1019 7903	hook
AR	1010 5351	rivet
AS	1019 7648	tie strap
AT	1019 7952	sub-base
AU	1030 4400	screw
AV	1044 3505	combination wrench and anchor plate, use 1030 4699 screw on machines prior to shock mount construction
AW	1023 8517	screw
AX	1019 7911	hook
AY	1017 3789	finger grip
AZ	1010 4701	screw
BA	1017 2450	screw
BB	1017 3334	keyboard support
BC	1014 5746	support plate
BD	1017 3342	brace
BE	1028 8793	screw
BF	1010 8736	.040" washer
BG	1010 0402	nut

Base and Case

SUB-BASE ASSEMBLIES, SERIES P100, P200, P300 MACHINES (Plate VII-17)

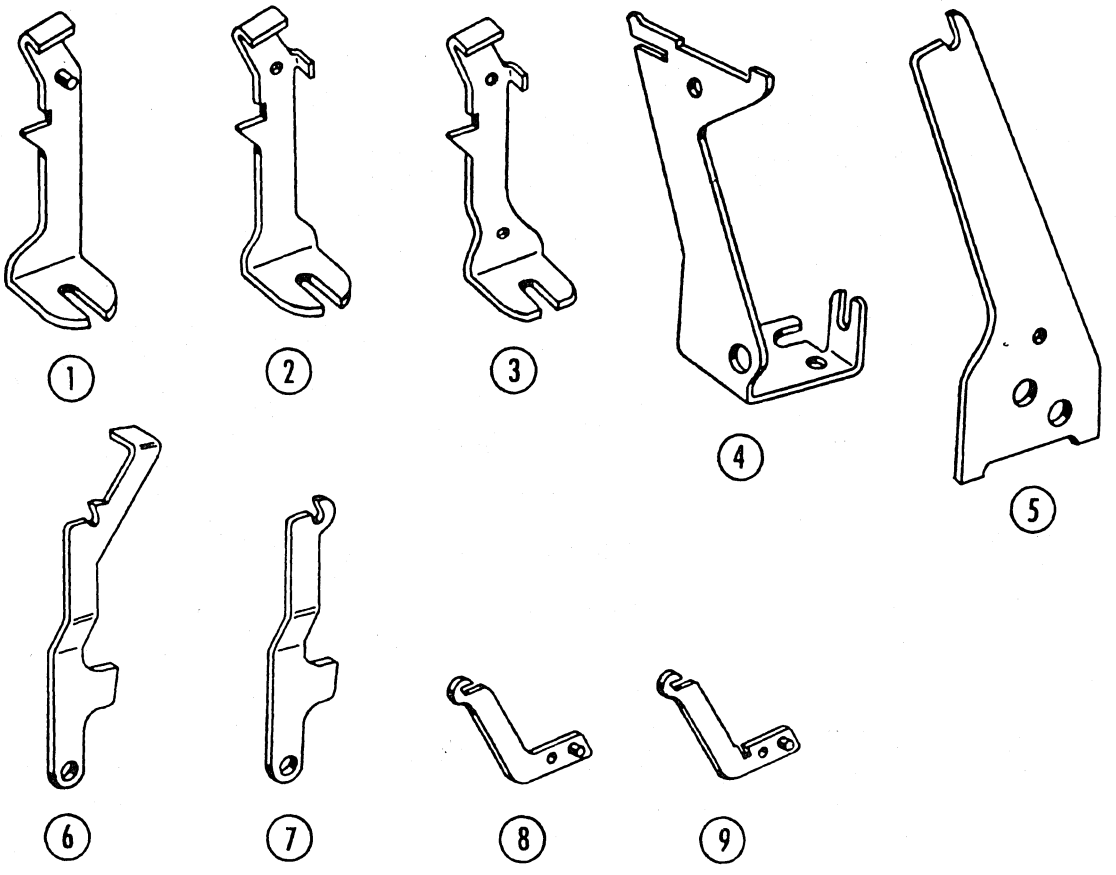


PART NUMBERS (Plate VII-17)

Ref.	Part Number	Description
1	1011 0310	Used in front of all machines other than those described below.
2	1011 0369	Used in front of all machines having radio interference suppressor.
3	1011 0336	Used in front of machines having type P2 motor. Also use 1019 5865 keyboard support on machines before P304887D.
4	1011 0377	Used in rear of machines having radio interference suppressor and 3 7/8" carriage
5	1011 0351	Used in rear of machine having type 3 or type P2 motor
6	1011 0385	Used in rear of machines having radio interference suppressor and 12 1/4" carriage
7	1027 7804	Used in rear of machines having type P motor. (Strathleven assembly).
8	1027 7812	Used in rear of style P213 machines. (Strathleven assembly).

Base and Case

KEYBOARD AND CARRIAGE SUPPORTS, SERIES P MACHINES (Plate VII-18)

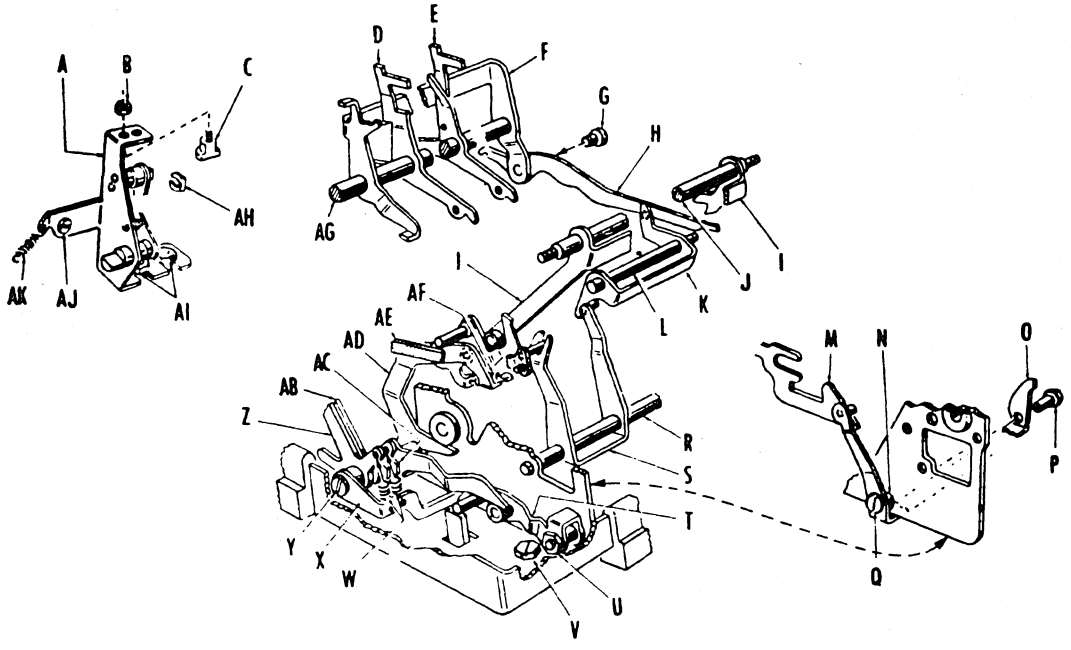


PART NUMBERS (Plate VII-18)

Ref.	Part Number	Description
1	1013 4302	Front keyboard support used on class 8 and 10 cash machines with round rubber feet
2	1013 4310	Front keyboard support used on class 8,9 and 10 machines with rocker type feet
3	1019 5865	Front keyboard support used on series P100,P200,P300 and P2000 machines
4	— — —	NO LONGER AVAILABLE
5	1013 4328	Keyboard support used on class 8,9 and 10 hand machines of 10 columns capacity
6	1013 4344	Support for keyboard and carriage bottom plate used on series P100,P200,P300 machines after P152650D.
7	1013 4336	Keyboard support used on class 8,9,10 and series P100,P200 and P300 electric machines.
8	1013 4369	Support for lower keyboard plate attached to index bar guide and used on machines of 10 columns or more capacity
9	1013 4377	Support for lower keyboard plate attached to index bar guide and used on machines having extended totals in column 10

Base and Case

MACHINE CONTROLS FOR CASH DRAWER OPENING (Plate VII-19)



PART NUMBERS (Plate VII-19)

A	1225 6640	bracket
B	1010 0311	nut
C	1053 1416	flatted shoulder screw
D	1014 6934	hammer. See Printing section, Series P Parts Catalog for other styles.
E	1014 6553	hammer. See Printing section, Series P Parts Catalog for other styles.
F	1023 2783	bail, use 1024 4549 eccentric and 1010 3380 screw
G	1010 6821	screw
H	1019 3266	actuating arm, for machines after P345050D. Use 1019 3266 actuating arm and 1019 2615 shaft for machines before P345050D. See Accumulator Section, Series P Parts Catalog for other styles.
I	1015 0373	bail
J	1014 8047	spacing shaft
K	1015 0480	bail. See Accumulator Section, Series P Parts Catalog, for other styles
L	1014 8450	shaft
M	1011 1292	lever. See Side Frame Section, Series P Parts Catalog, for other styles.
N	1010 9734	collar
O	1015 0019	bail
P	1010 6342	bushing
Q	1010 5823	screw

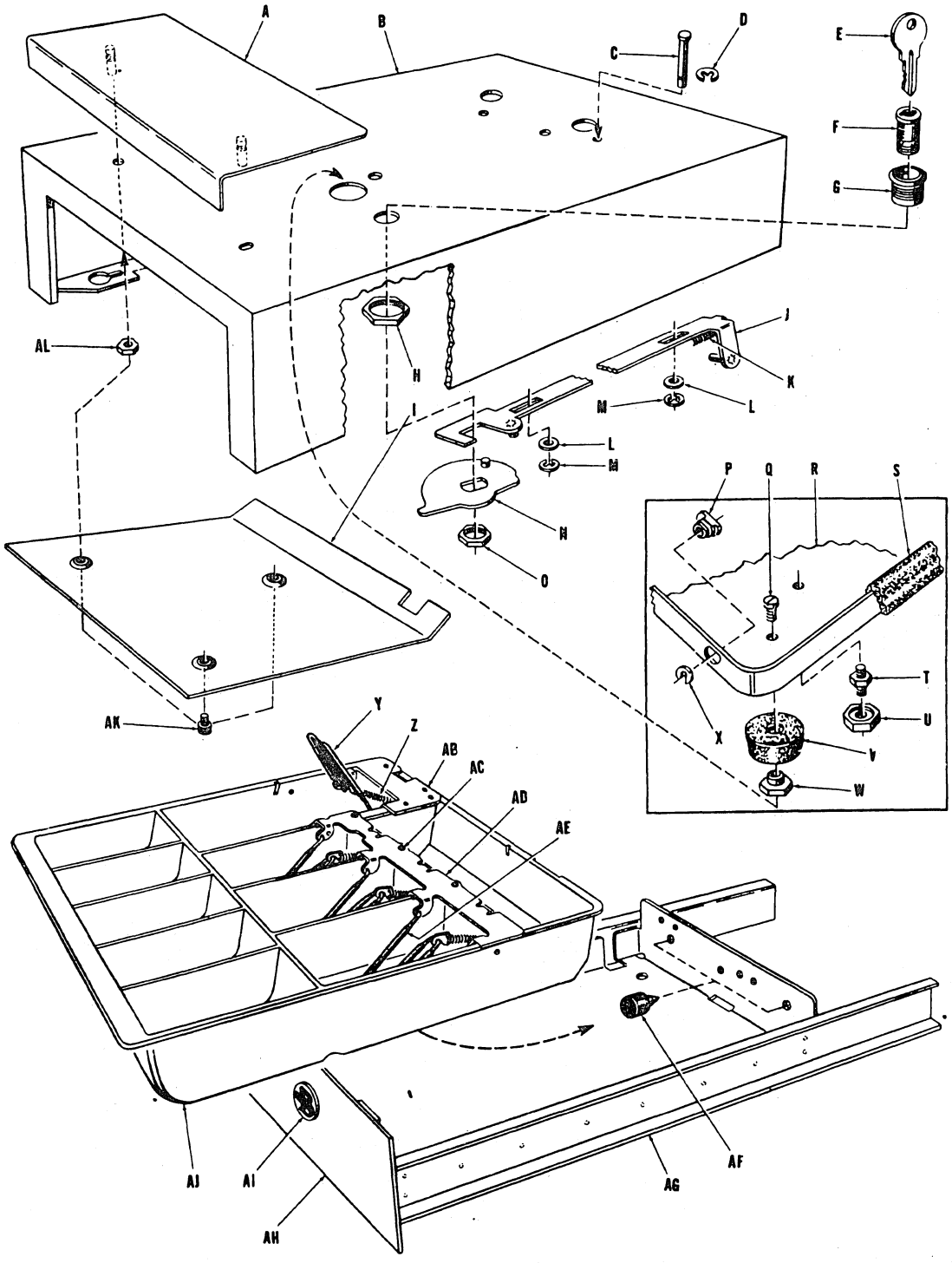
Base and Case

PART NUMBERS (Plate VII-19) - Continued

R	**1014 8351**	carry rack latch shaft See Accumulator section, Series P Parts Catalog, for other styles.
S	**1014 9979**	bail See Accumulator section, Series P Parts Catalog, for other styles.
T	**1010 7522**	cash drawer opening lever
U	**1017 2476**	bushing
V	**1010 4701**	screw
W	**1026 9850**	spring
X	**1026 6583**	spring anchor arm
Y	**1010 5393**	screw
Z	**1027 9495**	trip latch
AB	**1027 9479**	latch
AC	**1021 2173**	post
AD	**1029 3710**	cash drawer opening lever See Plate VII-32 for other styles.
AE	**1013 5150**	actuating arm See Side Frame section, Series P Parts Catalog, for other styles
AF	**1027 7564**	spring
AG	**1014 6389**	hammer shaft
AH	**1010 0238**	clip
AI	**1062 7735**	shoulder nut
AJ	**1013 1753**	screw, use 1010 4362 lockwasher
AK	**1027 6301**	spring

Base and Case

STYLE 22 CASH DRAWER AND HOUSING (Plate VII-20)



Base and Case

PART NUMBERS (Plate VII-20)

NOTE: **1028 4495** style 1 till contains 3 bill, 5 coin, 1 slip storage and 1 coin storage compartments
1028 4503 style 2 till contains 4 bill and 5 coin (removable) compartments
] complete assembled housing cash drawer and till

A	**1020 2125**	change plate, use 1256 7764 lockwasher before P457824D
	1028 4537	change plate, after P457823D
B	**1028 4552**	housing and 1028 4537 change plate before P457824D
	1028 4552	housing after P457823D
C	**1024 5629**	plunger
D	**1017 4290**	clip
E	— — —	See reference G
F	— — —	Part of G
G	— — —	**Lock Number** / **Combination** / **Key Number**

Lock Number	Combination	Key Number
1020 1143	BC 101	1020 2497
1020 1259	BC 102	1020 2604
1020 1317	BC 103	1020 2661
1020 1325	BC 104	1020 2679
1020 1333	BC 105	1020 2687
1020 1341	BC 106	1020 2695
1020 1358	BC 107	1020 2703
1020 1366	BC 108	1020 2711
1020 1374	BC 109	1020 2729
1020 1150	BC 110	1020 2505
1020 1168	BC 111	1020 2513
1020 1176	BC 112	1020 2521
1020 1184	BC 113	1020 2539
1020 1192	BC 114	1020 2547
1020 1200	BC 115	1020 2554
1020 1218	BC 116	1020 2562
1020 1226	BC 117	1020 2570
1020 1234	BC 118	1020 2588
1020 1242	BC 119	1020 2596
1020 1267	BC 120	1020 2612
1020 1275	BC 121	1020 2620
1020 1283	BC 122	1020 2638
1020 1291	BC 123	1020 2646
1020 1309	BC 124	1020 2653

H	— — —	Part of G
I	**1020 2117**	baffle plate
J	**1020 2091**	locking slide
K	**1027 6863**	spring
L	**1010 4545**	washer
M	**1300 1474**	clip
N	**1022 1828**	lock cam
O	— — —	Part of G
P	**1013 7560**	threaded bushing
Q	**1010 7175**	screw
R	**1019 6863**	grey, for hand machines
	1019 6897	grey, for classes 8,9,10 electric machines, see Plate VII-14 for other styles
S	**1013 9459**	for electric machines] grey rubber
	1013 9442	for hand machines] grey rubber

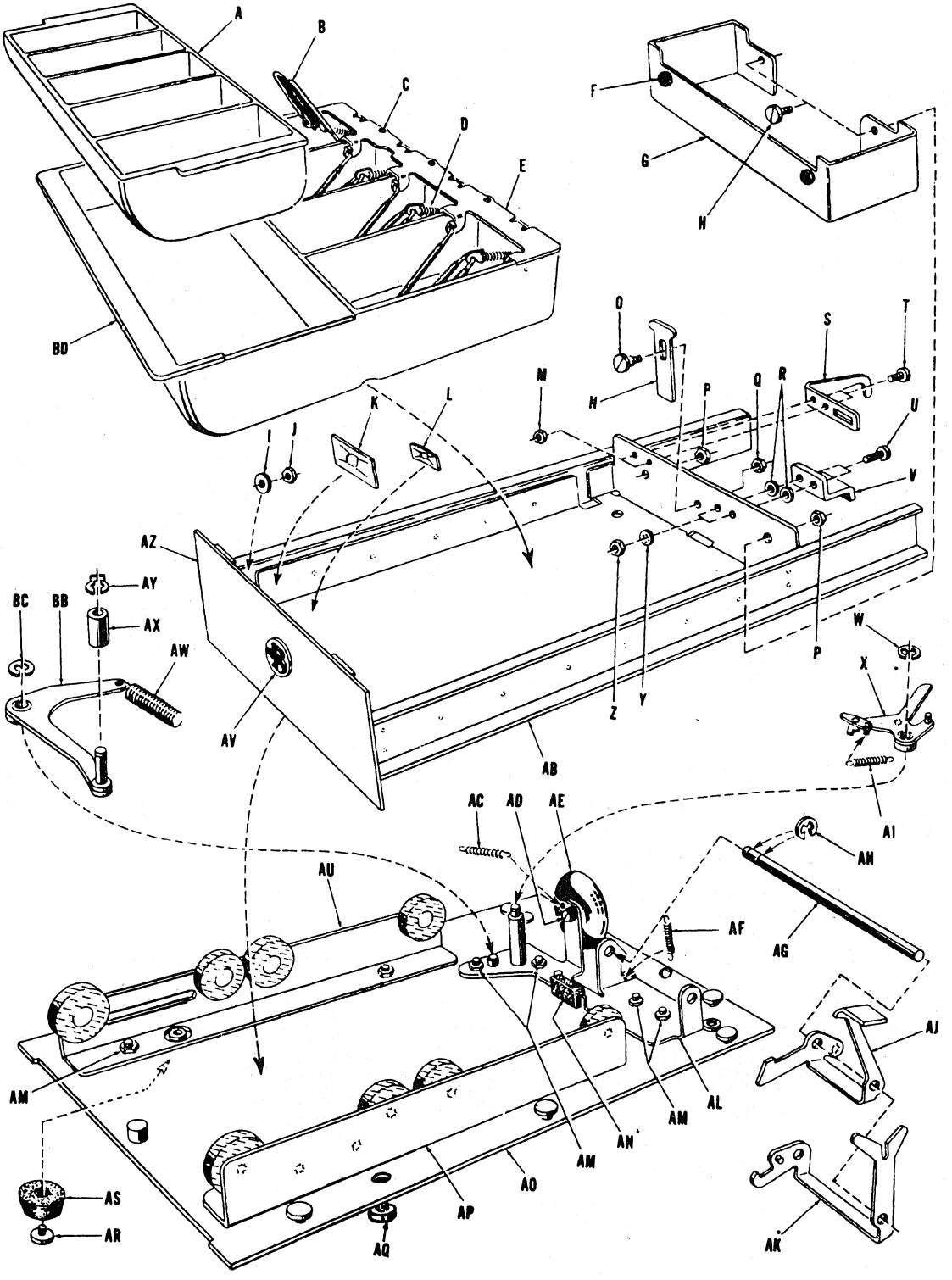
Base and Case

PART NUMBERS (Plate VII-20) - Continued

T	1024 5587	double threaded screw
U	1024 5595	hexagon nut
V	1010 3067	brown, rubber foot
W	1013 7586	hexagon nut
X	1026 7060	clip
Y	1020 2323	bill retainer
Z	1020 2299	spring, includes 1026 6302 anchor hooks
AB	1020 2331	bill retainer plate
AC	1017 2419	self tapping screw
AD	1020 2349	bill retainer plate
AE	1020 2794	bill retainer
AF	1022 1786	rubber bumper, used for style 1 till
AG	1022 1570	cradle only
	1062 1894	complete assembled cash drawer (does not include housing)
AH	1022 1596	face plate
AI	1026 8712	medallion, use 1017 6535 speed nuts
AJ	1020 2315	complete assembled cover and lock for style 1 till
	1020 2307	complete assembled style 1 till, includes Y, Z, AB, AC, AD and AE.
AK	1256 2104	screw, shown before P457824D
	1256 5248	nut, use 1256 7442 lockwasher after P457823D
AL	1257 3945	nut

Base and Case

STYLE 22 CASH DRAWER, SUB-ASSEMBLY NO. 1 (Plate VII-21)



Base and Case

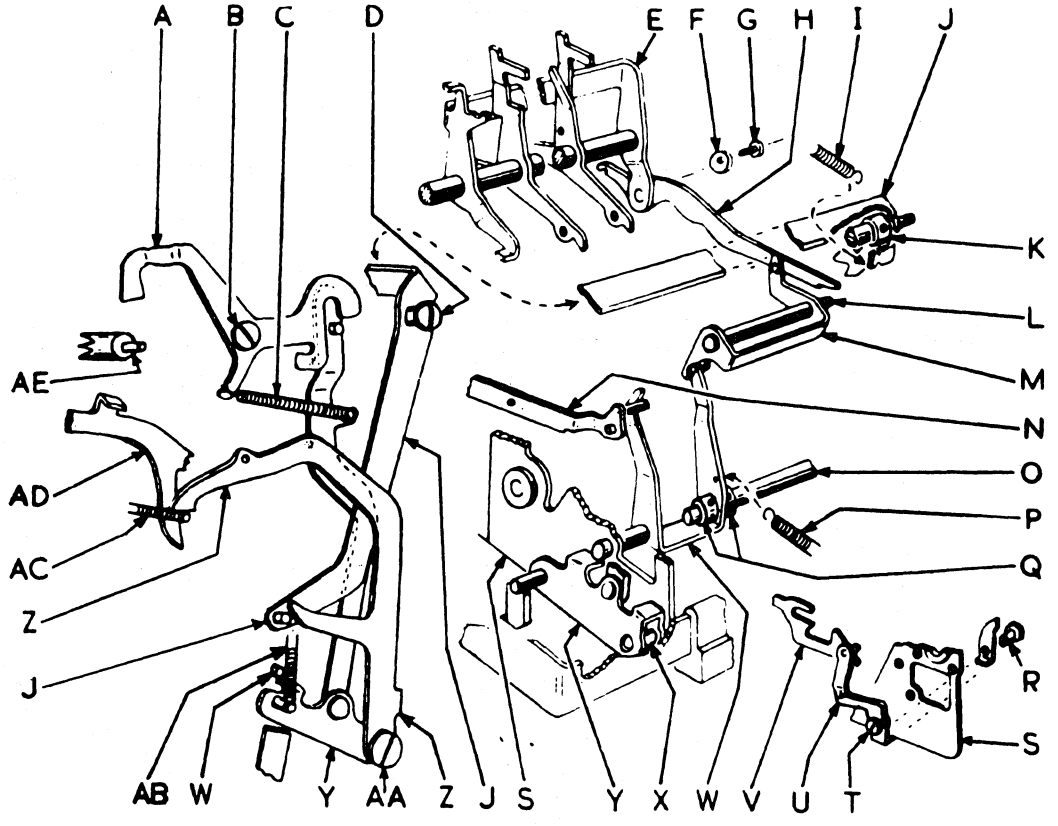
PART NUMBERS (Plate VII-21)

Note : # Indicates parts required to convert style 1 drawer to style 2 drawer.

	A	1020 2364	coin till
	B	1020 2794	bill retainer
	C	1017 2419	self tapping screw
	D	1020 2299	spring, includes 1026 6302 hooks
	E	1020 2398	bill retainer plate
#	F	1024 2931	rubber bumper
#	G	1022 1703	bracket
#	H	1027 1070	screw
	I	1010 8736	washer
	J	1010 0329	nuts
	K	1024 5686	speed nut
	L	1017 6535	speed nut
	M	1010 0386	nut
	N	1022 1695	drawer stop
	O	1316 5204	shoulder screw
#	P	1010 0311	nut
	Q	1342 8370	nut
	R	1011 5772	washer
	S	1022 1620	latch
	T	1010 8983	screw
	U	1010 8975	screw
	V	1022 1612	bracket
	W	1017 4290	clip
	X	1017 2385	bellcclapper
	Y	1010 4362	lockwasher
	Z	1013 7883	nut
	AB	1022 1570	cradle only
		1045 8610	complete assembled cash drawer
	AC	1027 6301	spring
	AD	1010 6706	screw, use 1010 4362 lockwasher
	AE	1062 5747	bell assembly
	AF	1025 0843	spring
	AG	1024 1081	shaft
	AH	1017 4290	clip
	AI	1010 7902	spring
	AJ	1022 1661	latching and releasing bail
	AK	1022 1687	latching and releasing bail
	AL	1022 1646	bumper stop bracket
	AM	1342 8271	nut
	AN	1022 1638	rubber bumper
	AO	1020 2109	housing bottom plate
	AP	1022 1737	roller bearing bracket (right)
	AQ	1256 4134	self tapping screw (3 req.)
	AR	— — —	screw, no longer available
		1025 1767	push nuts, after P416943D
	AS	1010 3067	rubber foot, 4 req.
	AU	1022 1745	roller bearing bracket (left)
	AV	1026 8712	medallion
	AW	1010 7894	spring
	AX	1024 1065	roller
	AY	1010 0089	clip
	AZ	1022 1596	face plate
	BB	1022 1653	throw out arm
	BC	1017 4290	clip
	BD	1020 2380	complete assembled style 2 till includes A,B,C,D and E
		1020 2422	complete assembled cover and lock for style 2 till

Base and Case

CASH DRAWER CONTROLS - THREE REGISTER CONSTRUCTION (Plate VII-22)



PART NUMBERS (Plate VII-22)

A	1215 9240	drive arm	E	1023 2783	bail
B	1035 0924	screw	F	1024 4549	eccentric
C	1027 6236	spring	G	1025 6162	screw
D	1013 8949	shoulder screw	H	1019 3266	actuating arm

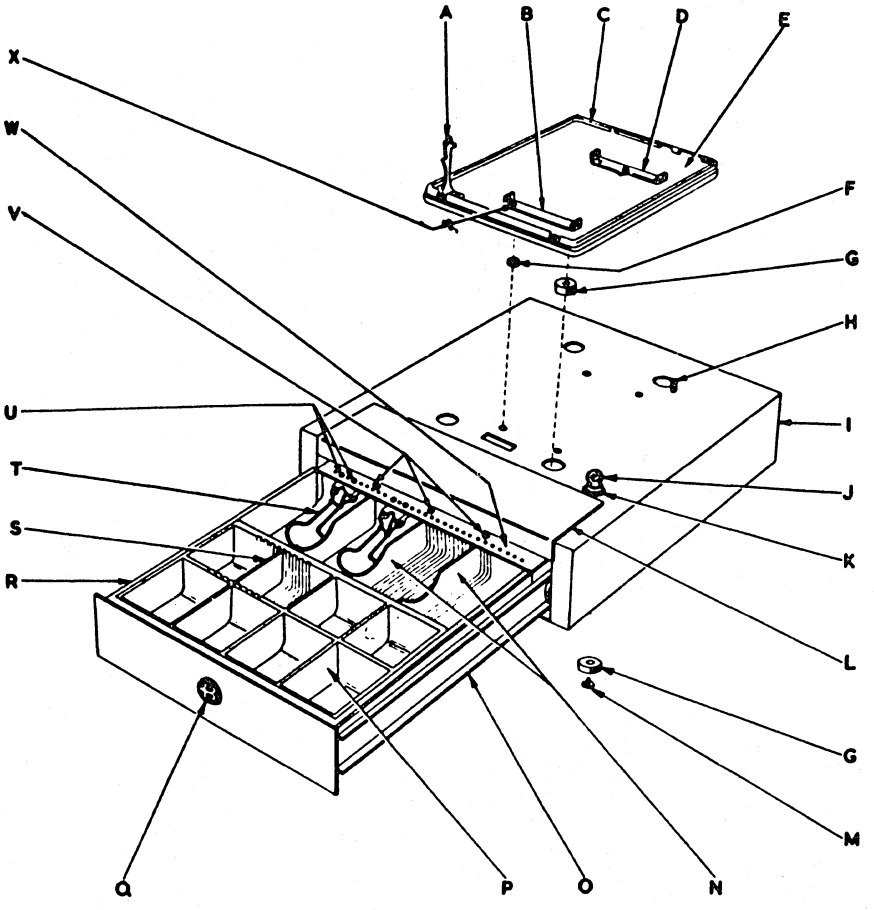
Base and Case

PART NUMBERS (Plate VII-22) - Continued

I	1018 0594	spring, use 1026 6252 wire hook
J	1215 9315	indexing bail
K	1017 0918	set collar
L	1215 9760	shaft
M	1215 9687	index bail upper
N	1215 9612	arm for 5/6 spacing
	1215 9893	stud for 5/6 space O.C.K. 3-0
O	1215 9778	shaft
P	1026 9900	spring, use 1026 6252 wire hook
Q	1015 1611	set collar
R	1010 6342	shoulder nut
S	1215 9794	accumulator side frame
T	10 10 5823	screw
U	1215 9588	indexing arm
V	1011 1292	lever
W	1215 9695	index bail lower
X	1027 2920	set collar
Y	1215 9257	cash drawer opening assembly
Z	1215 9299	indexing arm
AA	1215 9406	shoulder nut
AB	1013 9293	spring
AC	1027 7432	spring
AD	1215 9562	cash drawer control arm has leg for 5/6 spacing
	1215 9570	without leg for 5/6 spacing
AE	1014 7734	dashpot hanger shaft
	1033 5677	assembled dashpot

Base and Case

STYLE 20, STRATHLEVEN CASH DRAWER ASSEMBLY (Plate VII-23)



Base and Case

PART NUMBERS (Plate VII-23)

A	1013 4310	keyboard brace
B	1013 4013	brace
C	1221 4581	base guard
D	1013 4039	brace
E	1053 3065	machine base in cludes 1221 4581
F	1662 1930	nut, 4 required for fixing machine to drawer housing
G	1010 3067	rubber nut
H	1220 2776	plunger
I	1220 3220	housing
J	1053 3529	key, stamped FG 1
	1053 3750	stamped FG 2
	1053 3768	stamped FG 3
	1053 3776	stamped FG 4
	1053 3784	stamped FG 5
	1053 3792	stamped FG 6
	1053 3800	stamped FG 7
	1053 3818	stamped FG 8
	1053 3826	stamped FG 9
	1053 3834	stamped FG 10
	1220 3667	stamped FG 11
	1220 3675	stamped FG 12
	1220 3683	stamped FG 13
	1220 3691	stamped FG 14
	1220 3709	stamped FG 15
	1220 3717	stamped FG 16
	1220 3725	stamped FG 17
	1220 3733	stamped FG 18
	1220 3741	stamped FG 19
	1220 3758	stamped FG 20
	1220 3766	stamped FG 21
	1220 3774	stamped FG 22
	1220 3782	stamped FG 23
	1220 3790	stamped FG 24
K	- - - - -	lock assembly (includes 2 keys)
	1053 3651	lock, stamped FG 1
	1053 3669	stamped FG 2
	1053 3677	stamped FG 3
	1053 3685	stamped FG 4
	1053 3693	stamped FG 5
	1053 3701	stamped FG 6
	1053 3719	stamped FG 7
	1053 3727	stamped FG 8
	1053 3735	stamped FG 9
	1053 3743	stamped FG 10
	1220 3410	stamped FG 11
	1220 3428	stamped FG 12
	1220 3436	stamped FG 13
	1220 3444	stamped FG 14

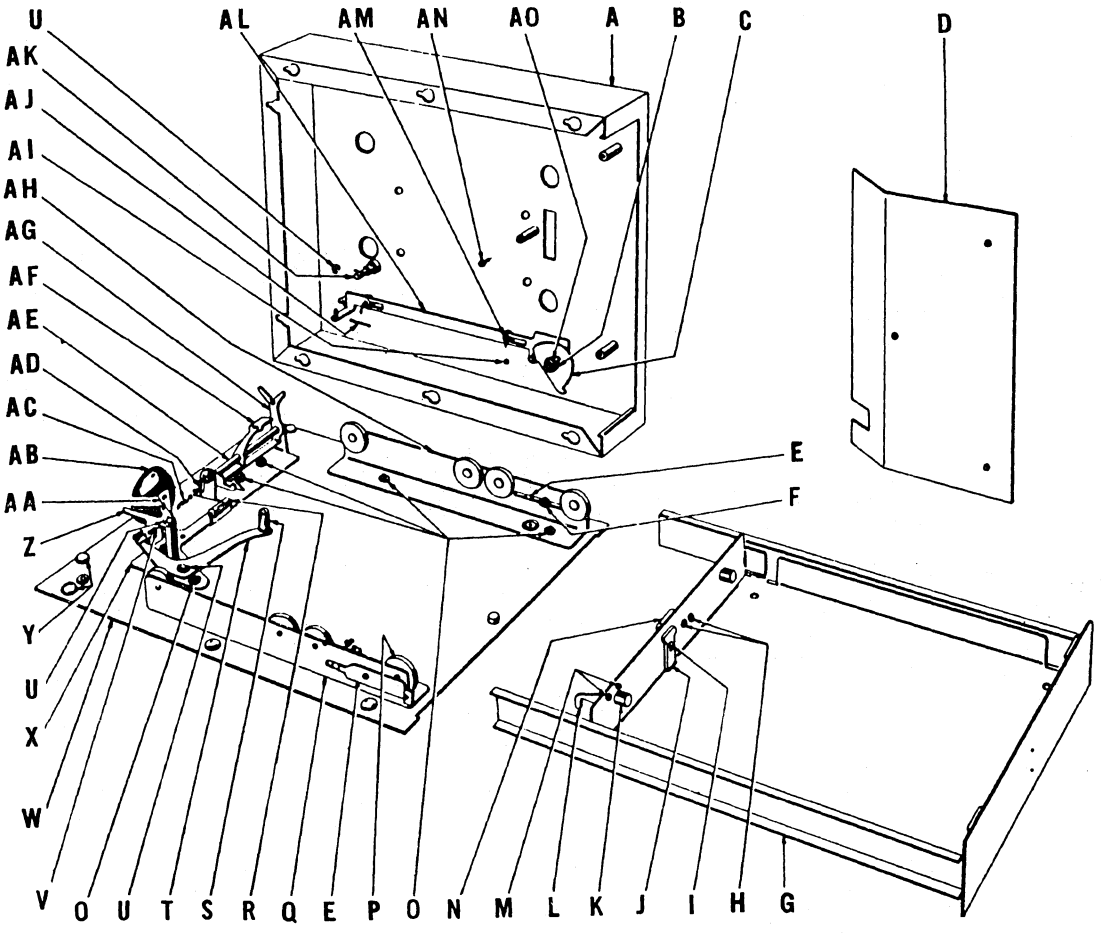
Base and Case

PART NUMBERS (Plate VII-23) - Continued

K	1220 3451	lock, stamped FG 15
	1220 3469	stamped FG 16
	1220 3477	stamped FG 17
	1220 3485	stamped FG 18
	1220 3493	stamped FG 19
	1220 3501	stamped FG 20
	1220 3519	stamped FG 21
	1220 3527	stamped FG 22
	1220 3535	stamped FG 23
	1220 3543	stamped FG 24
L	1220 2693	coin plate cemented to I
M	1049 8673	screw
N	1220 4087	separator
O	1220 2818	drawer
P	1053 3362	coin till
Q	1026 8712	medallion, use 1017 6535 speed nut (2 req.)
R	1053 5607	till
	1220 3899	complete till assembly
S	1220 4079	separator
T	1220 4012	note holder includes 1220 4020 rubbers, 1220 4038 wire anchor for spring, 1067 8050 spring and 1220 3998 bracket
U	1220 4053	screw
V	1220 4046	screw
W	1220 3972	bracket for parts T, use 1255 3145 clips (2 req.), and 1220 4061 pin (2 req.)
X	1662 1922	double ended screw, (4 req.) for fixing machine to drawer housing

Base and Case

STYLE 20, STRATHLEVEN CASH DRAWER, HOUSING AND BASE PLATE DETAIL (Plate VII-24)



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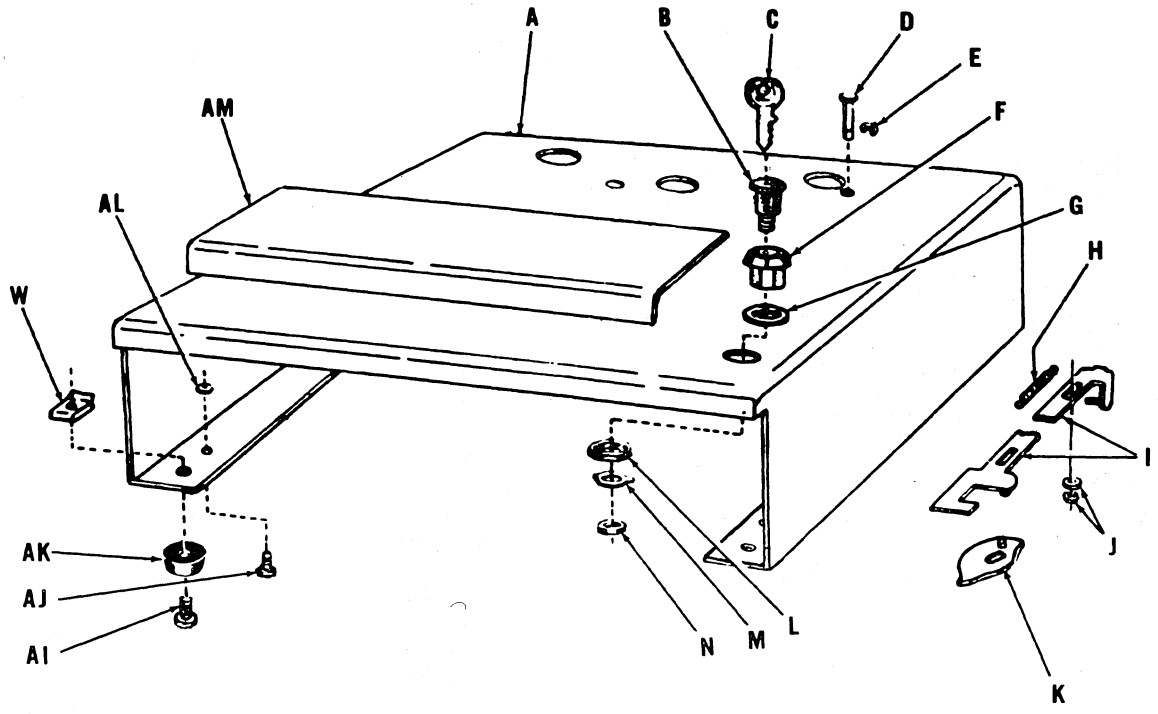
Base and Case

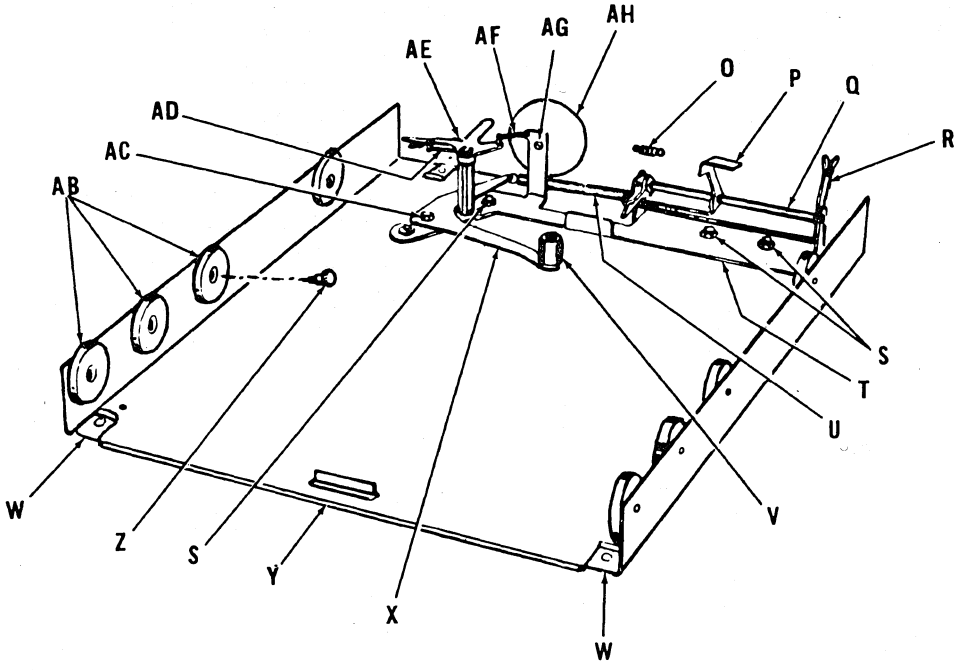
PART NUMBERS (Plate VII-24)

A	1220 3220	housing
B	— — —	lock nut, part of K
C	1221 4607	cam
D	1220 2727	baffle plate
E	1220 3865	adjustable blank
F	1010 4925	washer, use 1256 5289 nut
G	1220 2818	drawer
H	1010 8975	screw, use 1013 7883 nut
I	1220 2909	screw, use 1010 0386 nut
J	1220 3139	drawer stop
K	1220 3154	rubber bumper
L	1220 2891	hooks actuates Z
M	1010 8983	screw, use 1010 0386 nut
N	1220 2883	latch for bails AF and AG
O	1342 8271	nut
P	— — —	nylon roller, part of Q and AH, not supplied separately
Q	1220 3840	roll bracket, left side
R	1220 2958	rubber bumper
S	1220 3063	roller, use 1010 0089 clip
T	1220 3030	drawer push
U	1017 4290	clip
V	1010 7902	spring
W	1220 3279	base plate
X	1220 2990	bracket
Y	— — —	button stud, part of W, not supplied separately
Z	1017 2385	bell striker
AA	1027 6301	spring
AB	1062 5747	bell, use 1010 6706 screw
AC	1010 7894	spring, includes wick
AD	1028 7787	spring
AE	1220 3121	shaft, use 1017 4290 clip
AF	1220 3097	drawer latching bail
AG	1220 3113	drawer locking bail
AH	1220 3824	roll bracket, right side
AI	1026 7060	clip
AJ	1027 2870	spring
AK	1220 2776	plunger
AL	1220 2651	lock slide
AM	1010 4545	washer
AN	1256 2104	socket headed screw
AO	— — —	nut, part of K

Base and Case

STYLE 30 CASH DRAWER HOUSING AND BASE PLATE ASSEMBLIES (Plate VII-25)





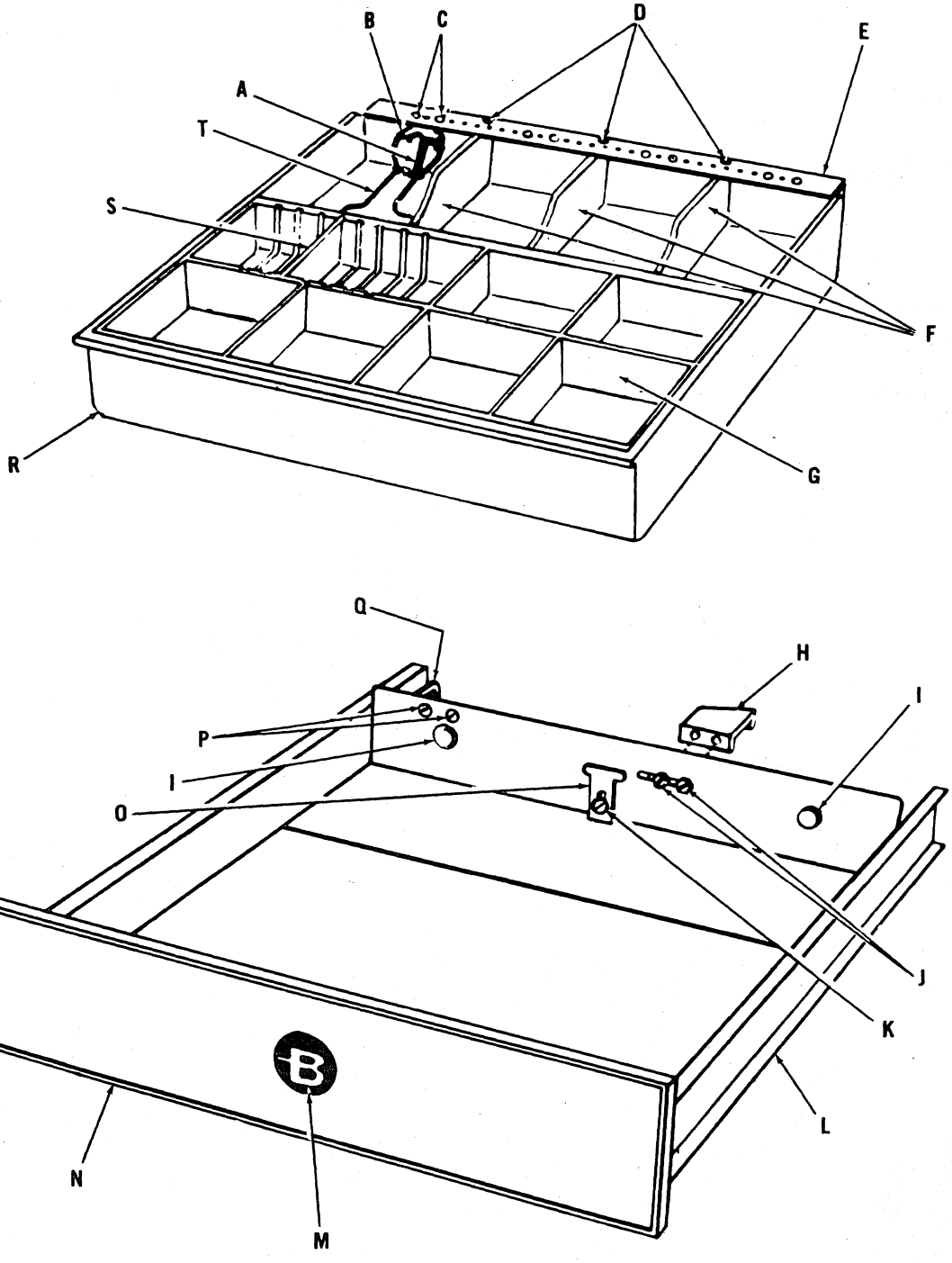
Base and Case

PART NUMBERS (Plate VII-25)

A	1215 8978	outer housing only
B	— — —	lock cylinder, part of F
C	1053 3529	key, stamped FG 1
	1053 3750	stamped FG 2
	1053 3768	stamped FG 3
	1053 3776	stamped FG 4
	1053 3784	stamped FG 5
	1053 3792	stamped FG 6
	1053 3800	stamped FG 7
	1053 3818	stamped FG 8
	1053 3826	stamped FG 9
	1053 3834	stamped FG 10
	1220 3667	stamped FG 11
	1220 3675	stamped FG 12
	1220 3683	stamped FG 13
	1220 3691	stamped FG 14
	1220 3709	stamped FG 15
	1220 3717	stamped FG 16
	1220 3725	stamped FG 17
	1220 3733	stamped FG 18
	1220 3741	stamped FG 19
	1220 3758	stamped FG 20
	1220 3766	stamped FG 21
	1220 3774	stamped FG 22
	1220 3782	stamped FG 23
	1220 3790	stamped FG 24
D	1215 8838	opening plunger
E	1017 4290	clip
F	— — —	lock and key assembly, includes B,F,L,M,N and two keys C:-
	1053 3651	stamped FG 1
	1053 3669	stamped FG 2
	1053 3677	stamped FG 3
	1053 3685	stamped FG 4
	1053 3693	stamped FG 5
	1053 3701	stamped FG 6
	1053 3719	stamped FG 7
	1053 3727	stamped FG 8
	1053 3735	stamped FG 9
	1053 3743	stamped FG 10
	1220 3410	stamped FG 11
	1220 3428	stamped FG 12
	1220 3436	stamped FG 13
	1220 3444	stamped FG 14
	1220 3451	stamped FG 15
	1220 3469	stamped FG 16
	1220 3477	stamped FG 17
	1220 3485	stamped FG 18
	1220 3493	stamped FG 19
	1220 3501	stamped FG 20
	1220 3519	stamped FG 21
	1220 3527	stamped FG 22
	1220 3535	stamped FG 23
	1220 3543	stamped FG 24
G	1215 9075	spacer
H	1027 2870	spring
I	1215 8812	lock slide
J	1300 1474	clip and 1010 4545 washer
K	1215 9083	lock cam
L	— — —	nut, part of F
M	— — —	nut lock, part of F
N	— — —	nut, part of F
O	1028 7787	sprinf
P	1215 8945	latch bail
Q	1220 3121	shaft, use clips 1017 4290 (2)
R	1215 8952	lock bail
S	1342 8271	nut, 5 required
T	1215 8903	plate assembly
U	1010 7894	spring, includes 1057 3400 wick
V	1220 3071	roller, use 1010 0089 clip
W	1216 5106	captive nut for AI, 4 required
X	1215 8929	throw out arm assembly
Y	1215 9042	bottom plate only, includes roller AB, studs Z and welded studs for T
Z	1220 2966	shoulder stud
AB	1220 2974	nylon roller
AC	1017 4290	clip
AD	1010 7902	spring
AE	1017 2385	bell stiker
AF	1027 6301	spring
AG	1010 6706	screw
AH	1062 5747	bell
AI	1216 5114	screw
AJ	1216 7177	screw
AK	1010 3067	rubber foot
AL	1010 0311	nut
AM	1215 9000	stainless steel change plate, cemented to housing A

Base and Case

STYLE 30 CASH DRAWER AND TILL DETAILS (Plate VII-26)



Base and Case

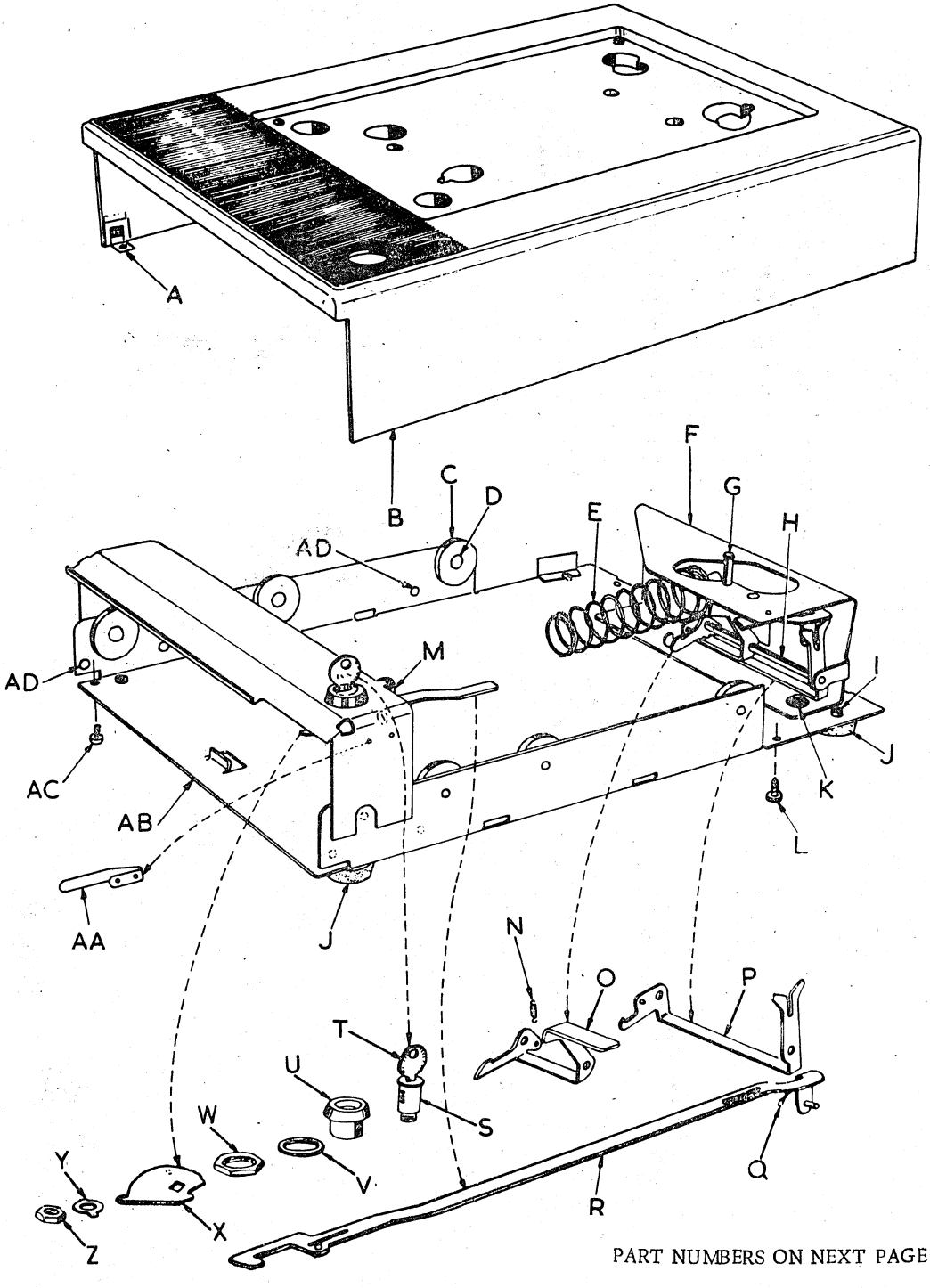
PART NUMBERS (Plate VII-26)

A	**1067 8050**	spring
B	**1220 3998**	bracket
C	**1220 4053**	screw, 8 required
D	**1220 4046**	screw, 3 required
E	**1215 9158**	plate
F	**1220 4087**	separator, 3 required
G	**1053 3362**	coin till, Brown 127
H	**1215 8887**	adjustable drawer latch
I	**1053 5599**	rubber cushion
J	**1017 2534**	screw
K	**1220 2909**	shoulder screw, use 1010 0386 nut and 1011 5772 collar
L	**1215 8846**	drawer only
M	**1053 4733**	medallion cemented to plastic front N
N	**1215 8879**	plastic front, use 1256 5958 speed nuts
O	**1215 8960**	drawer stop
P	**1010 8975**	screw, use 1010 0386 nut
Q	**1215 8895**	bell sounding arm
R	**1215 9133**	cash drawer till complete, Brown 127, includes A thru G, S and T.
	1215 9141	outer till only
S	**1220 4079**	separator
T	**1220 4012**	bill retainer, includes A and B

Base and Case

– INTERNATIONAL ONLY –

STYLE 40, 42, AND 44 CASH DRAWERS – HOUSING DETAIL (Plate VII-27)



PART NUMBERS ON NEXT PAGE

Base and Case INTERNATIONAL ONLY

PART NUMBERS (Plate VII-27)

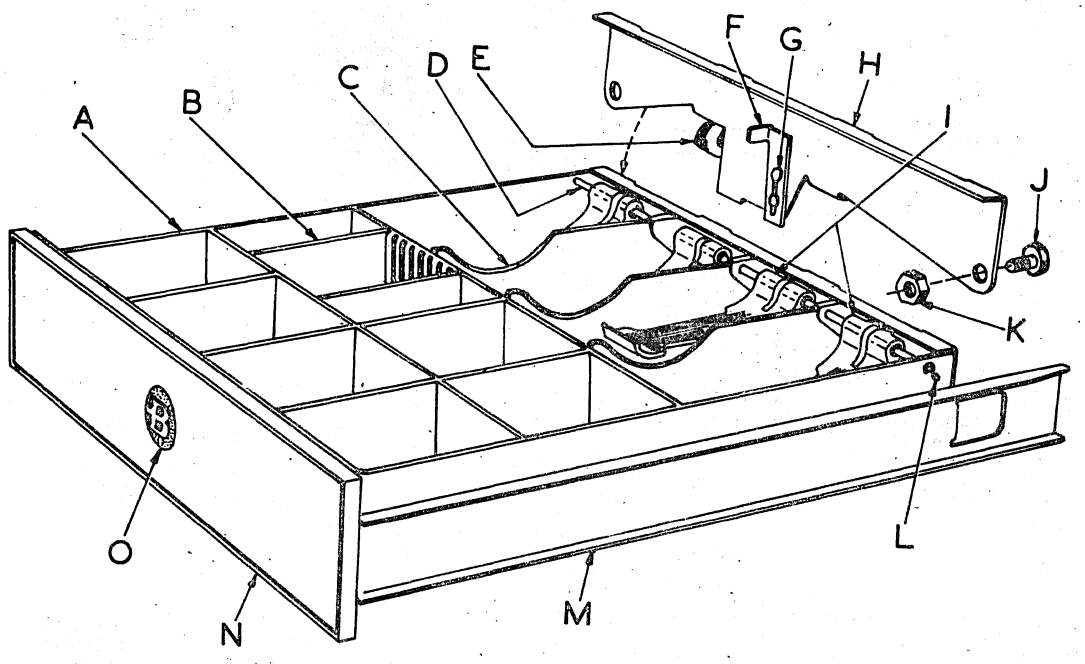
Complete Cash Drawer, Style 40 – used for machines with steel bases
Complete Cash Drawer, Style 42 – used for machines with plastic bases, width 12½"
Complete Cash Drawer, Style 44 – used for machines with plastic bases, width 10½"

A	---- ----	clip for plastic housing
	1218 6979	for domed screws AC
	1218 6987	for screws L
✓B	---- ----	plastic housing
	1218 6672	for style 40 } use 1256 5404 nut if housing is provided with centre, front stud
	1218 6680	for style 42 }
	1218 6664	for style 44 }
✓C	---- ----	plastic roller located by shoulder rivet is no longer available, use 1853 3935 improved roller, 1853 3927 shoulder screw, 1338 7246 nut, 1256 7749 lockwasher
D	---- ----	see ref. C
E	**1218 6953**	conical spring
F	**1218 6755**	rear support plate
✓G	---- ----	drawer opening plunger
	1218 7019	for style 40
	1218 7027	for styles 42 and 44, use 1017 4290 clip for both plungers
H	**1220 3131**	shaft, use 1017 4290 clips
I	**1010 7175**	screw for rubber foot
J	**1010 3067**	rubber foot
K	**1342 8271**	nut, use 1256 8093 lockwasher
L	**1256 4126**	screw
M	---- ----	part of AB
N	**1028 7781**	latch bail spring
O	**1218 6938**	latch bail
P	**1215 8952**	lock bail
Q	**1027 2870**	lock slide spring
R	**1218 6912**	lock slide, use 1010 4289 washers, 1010 0220 clips
S	---- ----	complete lock assembly with two keys; includes U, V, W, Y and Z
	1053 3651	stamped FG1 **1053 3669** stamped FG2
	1053 3677	stamped FG3 **1053 3685** stamped FG4
	1053 3693	stamped FG5 **1053 3701** stamped FG6
	1053 3719	stamped FG7 **1053 3727** stamped FG8
	1053 3735	stamped FG9 **1053 3743** stamped FG10
T	---- ----	key only
	1053 3529	stamped FG1 **1053 3750** stamped FG2
	1053 3768	stamped FG3 **1053 3776** stamped FG4
	1053 3784	stamped FG5 **1053 3792** stamped FG6
	1053 3800	stamped FG7 **1053 3818** stamped FG8
	1053 3826	stamped FG9 **1053 3834** stamped FG10
U	---- ----	see S
V	---- ----	see S
W	---- ----	see S
X	**1218 6946**	cam
Y	---- ----	see S
Z	---- ----	see S
AA	---- ----	part shown is not required
AB	---- ----	housing base plate assembly
	1218 6706	part shown, fitted riveted rollers. Replace all rollers with the parts outlined in ref. C before using.
AC	**1218 6995**	domed screw, use 1017 6485 nut
AD	---- ----	no longer required

Base and Case

– INTERNATIONAL ONLY –

STYLE 40, 42 AND 44 CASH DRAWERS – DRAWER DETAIL (Plate VII-28)

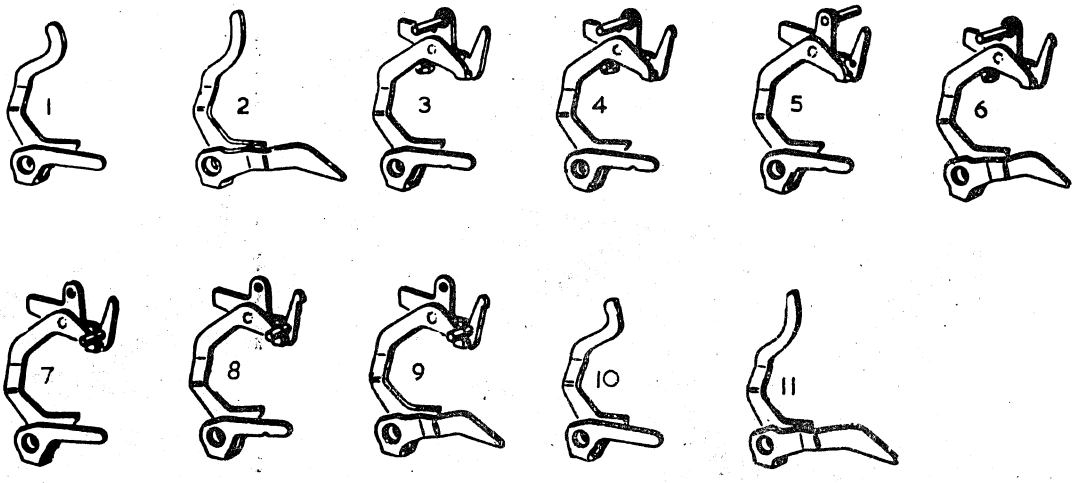


PART NUMBERS (Plate VII-28)

A	---- ----	cash till assembly, complete except for note holders I, shaft D, clips for I, bell assembly E and shaft L
	1218 6771	part shown
B	**1218 6805**	division plates for coin compartment
C	**1218 6797**	division plates for note compartment
D	**1218 6904**	shaft for noteholders, use 1300 1490 clips
E	**1218 6961**	bell assembly, includes clapper, bracket, split pin and torsion spring. Use 1256 1478 screw, 1256 5289 nut and 1256 8051 washer for fixing assembly to H
F	**1218 6862**	stop slide
G	**1215 5735**	shoulder rivet
H	**1218 6847**	end plate, includes F and G
I	**1218 6888**	note holder, use 1011 3074 spring
J	**1256 1585**	screw
K	**1256 5404**	nut
L	**1219 0898**	detent and spring anchor shaft, use 1255 3129 clips
M	---- ----	runner, part of A
N	---- ----	drawer face plate, part of A and cemented to drawer
	1218 6821	part shown, use 1256 5958 speed nuts
✓ O	---- ----	plastic medallion, cemented to N
	1053 4733	red
	1224 5650	blue

Base and Case

CASH DRAWER OPENING LEVERS (Plate VII-29)



PART NUMBERS (Plate VII-29)

Ref.	Description	Part Number
1	No longer available	—
2	Class 8, 10, Series P1200,P1400 machines - open each machine operation	1010 7464
3	No longer available	—
4	No longer available	—
5	No longer available	—
6	Class 8, 10, Series P1200, P1400 machines - open during print and non-print operations from specified control keys	1029 3710
7	Class 8, 10, Series P1200, P1400 machines - not open from specified control keys	1056 1967
8	No longer available	—
9	Class 8, 10, Series P1200, P1400 machines - open from register A Totals and register B Totals and Sub-totals	1010 7506
10	No longer available	—
11	Class 9, Series P1300 machines - open each machine operation	1027 4108