

PARTS LIST

The parts listed are those that are different or extra to parts used on the Model Seventy-Five Page Teleprinter.

To identify a part of the Model PR 75 first refer to the following parts list section. If the part is not listed it indicates that it is common to the Printing Reperforator and Page Printing versions of the Model Seventy-Five and is therefore listed in Part 7 of this manual.

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MODEL SEVENTY-FIVE MK4 PRINTING REPERFORATOR TELEPRINTER

GROUP 1 for 3-row keyboard machines
GROUP 2 for 4-row keyboard machines
GROUP 3 for receiver only machines
GROUP 4 for receiver/transmitter machines

Index Letter	Part No.	Part Name	See Page
	S4365	MACHINE SUB ASSEMBLY	L48
	S4016A	TRANSMITTER UNIT	L62
	4169/76	Transmitter Cover CP	
	4165/62	TAPE DRAWER ASSEMBLY	L68
	4165/71	Cover Plate CP (fitted under main base unit)	
	PS7135	Pillar (2 per unit) fitted on tape drawer runner	
	S4192	COVER UNIT CP (for machines without the True Character Counter facility)	L70
	4257/28	COVER UNIT CP (for machines fitted with the True Character Counter facility)	L70

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MACHINE SUB ASSEMBLY S4365 { GROUP 5 for keyboard machine (single speed)
 GROUP 6 for keyboard machine (with gear box)
 GROUP 7 for receiver machine (single speed)
 GROUP 8 for receiver machine (with gear box)

See Figs L 27 and L.28

Index Letter	Part No	Part Name	
A	S4176	MAIN BASE UNIT	See Page L50
B	4003/63A	AGGREGATE LEVERS ASSEMBLY	See EM75 Part 7
C	S4166	TYPEHEAD AND CARRIAGE UNIT	See Page L59
D	S4167A	RIBBON UNIT	See Page L59
E	S4353	TRANSLATOR UNIT	See Page L53
F	4192/14	Dummy Plinth	
	PW5719	Special Washer (2 per assembly) between item A & F	not shown
G	S4351	SELECTOR UNIT (single speed)	See Page L58
or	S4352	SELECTOR UNIT (gear box)	See Page L58
H	S4135	MOTOR UNIT (Governed)	See Page L60
or *	S4360	MOTOR UNIT (Synchronous)	See EM75 Part 7
	PW5716	Special Washer (for groups 6 and 8) not shown	
	PS6123	Special Screw (for groups 5 and 7)	
J	S4012	GOVERNOR UNIT	See EM75 Part 7
	S4063	PLUG AND CORD ARRANGEMENT (not shown)	See EM75 Part 7
K	4174/4	Track Rail Bracket (RH) CP	
L	4174/23	Track Rail Bracket (LH) CP	
M	4174/12	Ribbon Unit Track Rail (2 per unit)	
N	4174/24	Cable Support Bracket	
O	PF1171	Lubricating Pad	
P	S4165B	REPERFORATING UNIT	See Page L65
Q	S4168	SELECTOR CABLES UNIT	See Page L61
R	4174/27	Track Rail and Rack Cover	
	4174/1	Roller Bracket CP includes:-	
S	4174/25	Roller Bracket	
T	PP5622	Threaded Pin	
U	3886/142	Tape Roller	
V	4014/115	Tape Retainer	
W	PW5258	Special Washer	
	4174/2	Roller Bracket CP includes:-	
X	4174/26A	Roller Bracket	
Y	PS5723	Special Screw	
Z	3886/142	Tape Roller	
AA	4014/115	Tape Retainer	
AB	4174/3	Cuttings Chute CP	
AC	4014/95	Cuttings Box CP	

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Index Letter	Part No.	Part Name
AD	4174/7	Starter Trip Lever CP
AE	4000/6	Trip Shaft CP
AF	CS1030	Set Collar and Screw
AG	4174/6	Starter Trip Lever CP
AH	BO4063/2	Cable Cleat
	BO2633/1	Ink Ribbon Black (not shown)
AJ	4174/15	Punch Rod CP
AK	PP6874	Pivot Pins
AL	4174/19	Punch Adjustment Link
AM	4174/5	Punch Link End CP
AN	PG7580	Tension Spring
AO	PG7579	Tension Spring

GOVERNOR RESISTOR UNIT

	4176/1	Governing Resistor Unit CP includes:-
AP	4176/31	Resistor Base Bracket
AQ	4176/19	Resistor Bracket
AR	4014/10	Resistor Clip (2 per CP)
AS	PP5598	Threaded Pins
AT	PW5746	Special Washer (2 per CP)
	4176/75	Resistor CP includes:-
AU	BO3815/7	Resistor 620 ohms \pm 5% 15W
AV	BO1701	Insulating Bead (67 per CP)
	4176/32	Resistor Cover (not shown)

The following parts are required when a True Character Counter Unit is fitted.

AW	S4257	TRUE CHARACTER COUNTER
AX	4257/19	Switch Cover CP

See Page L63

* The Synchronous Motor fitted to the Model Seventy Five MK 4 Print and Reperforator is as shown in EM75 Part 7 Page 61 but the motor is orientated 90^o and a Contact Cover 4360/1 is assembled to the top of the motor

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MAIN BASE UNIT S4176 {
 GROUP 1 for Keyboard machines 200–250V a c.
 GROUP 2 for receiver machines 200–250V a c
 GROUP 3 for Keyboard machines 100–130V a c
 GROUP 4 for receiver machines 100–130V a c

See Fig L29 and L.30

Index Letter	Part No.	Part Name
A	4176/51	Main Base CP (comprises machined and enamelled casting with pins driven in)
B	4176/30	Distance Pillar (4 per unit)
C	4176/11	Cuttings Box Bracket CP
D	4176/56	Starter Switch and Cableform CP includes:-
E	BO3807	Starter Microswitch (IKW,A C Rating)
	4176/2	Electromagnet Spark Quench CP includes:-
F	4176/9	Tagboard CP
G	BO5201/11	Capacitor 0.5 μ F 400V
H	PK2063	Clamp
J	4014/134	Bracket (2 per CP)
K	BO2636/1	Resistor 330 ohms \pm 10% 1/2 W
L	PE5125	Collar Insulating (4 per CP)
M	4176/60	Motor Connexion Socket CP includes:-
N	BO7601/3	4-way Socket (Painton S4/MFS)
	4176/58GRP1	Capacitor CP (used on groups 1 and 2)
	4176/58GRP2	Capacitor CP (used on groups 3 and 4)
		} includes:-
O	BO2649	Capacitor (used on group 1)
or	BO4155	Capacitor (used on group 2)
P	PE5127	Insulating Strip (for machines with Governed Motors only)
	4176/55	Capacitor CP (for machines with Governed Motors only) includes:-
Q	BO1840A	Delta Capacitor 0.25 μ F + 0.1 μ F + 0.1 μ F + 40% – 25% V
R	CB1152	Terminal Strip (10-way) 2 per unit
S	PB4583	Bush
	4176/50A	Tape Exhaust Alarm Switch CP includes:-
T	4176/68A	Switch Mounting Bracket
	4176/54A	Switch CP includes:-
U	BO7220/2	Microswitch
V	BO7229/3	Microswitch Actuator
	4014/27	Transmitter Cableform CP (used on group 1 and 3) not shown
or	4014/74	Cableform CP (used on groups 2 and 4) not shown
	4014/25	3-way plug CP
	4014/69	3-way plug CP
	4014/26	4-way plug (used on all groups)
	4014/387	12-way Plug CP (used on groups 1 and 3)
or	4014/388	12-way Plug CP (used on groups 2 and 4)
		} includes:-

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Index Letter	Part No	Part Name
W	BO3811/4	12 way Panel Mounting Plug
X	4176/34	Fixing Plate (12-way plug)
	4014/389A	3-way Plug CP includes:-
Y	BO3816/4	3-way Plug
Z	4176/33	Fixing Plate (3- way plug)
AA	BO4063/2	Cable Clip (2 per unit)
	BO4063/5	Cable Clip (not shown)
AB	4176/44	Cover Plate
AC	4176/18	Print Spring Adjustment Link
AD	4176/16	Run Out Shaft CP
AE	4176/12A	Bracket Sub CP
AF	4176/14	Run Out Shaft Gear CP
AG	PW5741	Shim (9 per unit max)
AH	4176/52	Run Out Bearing Bracket CP
AJ	4176/23A	Gear Spindle
	4176/3	Cam Sleeve CP includes:-
AK	4176/46	Cam Sleeve
AL	4176/26	Cam Spacer (2 per CP)
AM	4176/49	Compensator Cam (No.1)
AN	4176/28	Cam Spacer
AO	4176/47	Punch Cam (No 2)
AP	4176/27	Cam Spacer
AQ	4176/48	Tape Feed Cam (No.3)
	PN5048	Special Nut not shown
	KY1054	Key
AR	4176/8	Clutch Spring CP
AS	860/115F	Pawl
AT	1650/306	Guide Plate (2 per CP)
AU	PP1066-1	Parallel Pin
AV	GR5010	Spiral Gear
AW	4176/13A	Driven Gear
	BO3853A	Ball Thrust Bearing (not shown) type GT 3/16
AX	4176/24	Bearing Bracket
	4176/4	Tape Feed Lever CP includes:-
AY	4176/7	Tape Feed Lever Sub CP
AZ	EC5082	Eccentric Adjuster (Feed Link)
BA	EC5084	Eccentric Roller Pivot
BB	RL1184	Roller
BC	PF1126	Lubrication Washer
BD	PW5811	Special Washer
BE	4176/25	Punch Link Guide
BF	4176/5	Compensator Cam Lever CP
	4176/10	Run Out Trip Levers CP includes:-
BG	4176/39	Detent Bearing Bracket

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Index Letter	Part No.	Part Name
BH	4176/43	Spring Anchor Bracket
BJ	EC5083	Eccentric Screw
BK	PP6309	Detent Pivot
BL	4176/40	Detent
BM	4176/15	Run Out Lever CP
BN	4176/17	Block
BO	PG7582	Tension Spring
BP	PG7476	Tension Spring
BQ	PG7581	Tension Spring
BR	4174/11	Feed Link
BS	4174/10	Feed Link End (2 per assembly)
BT	PW5812	Shim
BU	PS7136	Shouldered Screw (2 per assembly)
BV	4174/16	Connecting Link (Run Out Key)
BW	PF1114	Felt Lubricating Washer

The following parts are only fitted to machines with a Synchronous Motor.

BX	4014/200	Electrolytic Capacitor CP includes:-	
	BO4122/1	Capacitor 64 μ F 150V (for 100/125 Volt motors)	
	BO4122/3	Capacitor 15 μ F 350V (for 200/250 Volt motors)	
	4014/198	Motor Capacitor CP (not shown) includes:-	
	BO4092A/6	Capacitor 2.0 μ F 440V (230/250 Volt)	} as required by motor voltage
or	BO4092A/7	Capacitor 2.5 μ F 440V (200/220 Volt)	
or	BO4092A/5	Capacitor 7.5 μ F 250V (115/125 Volt)	

APPENDIX L

TRANSLATOR UNIT 3rd STAGE S4353 { GROUP 1 for send/receive machine with keyboard
GROUP 2 for receiver only machines

See Figs. L.31, L.32, L.33

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Letter	Part No.	Part Name	
	S4173	FUNCTION BAR UNIT	See Page L57
	4353/1	TRANSLATOR UNIT 2nd STAGE	See Page L55
	4353/2	TRANSLATOR UNIT 1st STAGE	See Page L56

REAR FRAME

	4169/32AGRP1	Rear Frame CP (for send/receive machines with Keyboard)	} includes:-
	4169/32AGRP2	Rear Frame CP (for receiver only machines)	
A	4169/80	Rear Frame Sub CP	

FUNCTION BAR RESET MECHANISM

B	4169/51A	Sub Plate CP
C	4169/47	Steady Bracket CP
D	4169/64	Sub Plate Rack
E	4010/342	Support Block

VERTICAL LEVER RACK

	4169/73	Vertical Lever Rack CP includes:-
F	4169/52	Vertical Lever Rack Sub CP

TRIP OFF MECHANISM

G	4169/38	Trip Lever CP
	4169/37	Trip off CP includes:-
H	4169/46	Trip Lever Bracket CP
J	4169/39	Trip Bellcrank CP

TAPE FEED MECHANISM

K	4169/36	Tape Feed Lever CP
L	PG7584	Tape Feed Lever Spring
	4169/34	Tape Feed Vertical Lever CP includes:-
M	4169/35	Tape Feed Vertical Lever Sub CP
N	4169/45	Tape Feed Latch
O	PG7585	Special Spring
P	PF1142	Lubricating Washer (2 per CP)
Q	PW5710	Special Washer (2 per CP)
R	PP7947	Shouldered Pin
S	4169/70	Lower Tape Feed Rack

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Index Letter	Part No.	Part Name
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PUNCH LINK

	4169/33	Punch Link CP includes:-
T	4169/69	Punch Link
U	4169/58	Punch Link Lever
V	PS5725	Shouldered Screw
W	PW5748	Special Washer (3 per CP)
X	4010/457	Roller Race (2 per CP)
Y	4169/59	Spacer
Z	PW5813	Special Washer
AA	EC5085	Eccentric Screw
AB	4169/42	Run Out Key CP
AC	4169/43	Rear Bearing Bracket CP

CONTACT MOUNTING PLATE

	4353/3	Contact Mounting Plate CP (for receiver only machines)	}	includes:-
AD	4220/3	Contact Mounting Plate		

The following parts are only fitted to machines with the Tape Feed Suppression facility.

AE	4169/44	Suppression Spade CP
AF	4169/40	Bearing Bracket CP
AG	CS1026	Set Collar and Screw
AH	4169/41	Suppression Block CP

APPENDIX L

TRANSLATOR UNIT 2nd STAGE CP4353/1 { GROUP 1 for send/receive machines with Keyboard
 GROUP 2 for receiver only machines

See Figs. L.31, L.32

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Letter Part No. Part Name

FRONT MAIN FRAME

AJ 4169/3 Front Main Frame CP includes:-
 AK 4169/6 Corner Bracket CP

MIDDLE MAIN FRAME

	4169/4GRP1	Middle Main Frame CP (used on send/ receive machines)	}	includes:-
	4169/4GRP2	Middle Main Frame CP (used on receiver only machines)		
AL	4169/7	Middle Main Frame Sub CP	}	includes:-
	4169/5GRP1	Selector Transmitter Lever Assembly CP (used on send/receive machines)		
	4169/5GRP2	Selector Transmitter Lever Assembly CP (used on receiver only machines)		
AM	4169/11	Selector Lever Pivot		
AN	4169/10	Pivot Support Bracket		

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TRANSLATOR UNIT 1st STAGE CP 4353/2

See Figs L.34, L.35

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Letter	Part No.	Part Name
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BASE PLATE

A	4169/12GRP1	Translator Unit Base Plate CP
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SUPPRESSION SHAFT AND CONTROL LEVER

B	4169/13	Bearing Bracket CP
C	PF1116	Lubrication Washer (2 per CP)
D	4169/21	Suppression Shaft
E	4169/15	Run Out Control Bracket CP
F	4169/29	Control Lever
G	4169/16	Run Out Control Cam Lever CP
H	PB4778	Collar

MAIN CAMSHAFT AND CAM ASSEMBLY

J	PB4774	Bush
K	4169/27	Tape Feed Cam "D" (main shaft)
L	4169/19	Cam Spacer (2 per unit)
M	4169/24	Run Out Control Cam "C"
N	4169/28	Punch Cam "B" (main shaft)
O	4010/35A	Cam Spacer
P	KY1052	Key
Q	PB4777	Spacer
R	4169/31A	Count Lever Cam
S	4169/30	Spacing Collar
T	KY1053	Key
U	PG7003	Tension Spring
V	4169/18	Detent Guide CP
W	4174/29	Lever Feed Suppression
X	4005/9	Trip Arm Nut
Y	PP6873	Pivot Pin
Z	PF1151	Felt Lubricating Washer
AA	4174/8	Disablement Pin CP

Additional Parts required for 'ALL MARK' Runout Facility.

AB	4176/74	Runout 'All Mark' Shaft CP
AC	4176/57	Lever 'All Mark'
AD	4005/9	Special Nut
AE	4176/73	Blade "All Mark"
AF	4176/70	Bearing Bracket CP (front)

FUNCTION BAR UNIT S4173

See Fig. L. 36

Index Letter	Part No.	Part Name		TENSION SPRING		
		POSITION	INDEX LETTER	PART NO.	FUNCTION BARS (C.C.I.T.T. STANDARD) FUNCTION	
		1	A	4173/117	SHIFT CHANGE 'LETTERS' SHIFT CHANGE 'FIGURES' ALL SPACE DUMMY SPACE ANSWER BACK TRIP AND W.R.U. CONTACTS CARRIAGE RETURN LINE FEED BELL 'J' CONTACTS	PG7468C PG7468C PG7466C PG7552A PG7557 PG7466C PG7466C PG7466C
		2	B	4173/113		
		3		4173/107		
		4		4173/98		
		5	C	4173/81		
		6		4173/71		
		7		4173/59		
		8	D	4173/42		
		9		OMIT		

NOTE:— Assembly of the Function Bar Unit varies according to the required operation of the machine. The Function Bars and Springs listed above are those for a machine operating on the International 5— Unit Teleprinter Code. Customers requiring spare Function Bars and Springs for machines operating on codes other than this should quote the bar position number and the serial number of the machine. Function Bars in positions 8 and 9 operate common contacts.

- | | | |
|---|--------|-----------------------------------|
| E | 4173/7 | Function Bar Rack (Rear) |
| F | 4173/4 | Function Bar Rack (Front) |
| G | 4173/1 | Spring Anchor Bracket CP |
| H | 4173/5 | Screwed Stay Rod |
| J | 4173/3 | Adjustment Block Bracket CP |
| K | 4173/2 | Answer Back Trip Shaft Bracket CP |

APPENDIX L

SELECTOR UNIT S4351 (Single Speed Model)	}	GROUP 1 for transmitter/receiver machines
		GROUP 2 for receiver only machines
SELECTOR UNIT S4352 (Gear Box Model)	}	GROUP 1 for transmitter/receiver machines
		GROUP 2 for receiver only machines

See Figs. L.37

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Letter	Part No.	Part Name	
	4351/1GRP1	Selector Unit Sub-Assembly (for single speed models)	} includes:-
	or 4352/1GRP1	Selector Unit Sub-Assembly (for gear box model)	
A	4009/102	Starter Main Plate CP	
B	4176/6	Drive Shaft CP (for single speed model)	
	or 4352/4	Drive Shaft CP (for gear box model)	
C	4351/7	Selector Clutch Assembly includes:-	
D	4351/9	Selector Camsleeve CP includes:-	
	4351/5	Selector Camsleeve CP	
E	4019/55	Collar	} fitted to gear box model only
F	4019/46	Special Square Nut	
G	4172/5	Driven Gear CP (for single speed model)	
	or 4172/3	Driven Gear CP (for gear box model)	
H	4171/8	Tie Bar	

The following parts are used only on Selector Unit S4352 (Gear Box Model)

J	4172/2A	Driven Gear CP (45.52 Baud) Green Spot
	or 4172/1A	Driven Gear CP (75 Baud) Blue Spot
K	4019/7A	Driven Gear CP (50 Baud) Yellow Spot
L	4172/6	Gear Lever (for 45.52 and 50 Baud machines)
	or 4172/7A	Gear Lever (for 50 Baud and 75 Baud machines)
M	4172/10B	Dog
N	PP8016	Shouldered Pin

APPENDIX L
RIBBON UNIT S4167A

See Fig.L.39

Index Letter	Part No.	Part Name
A	4167/3	Sideplate (RH) CP
B	4167/4	Sideplate (LH) CP
	4167/2	Ribbon Feed Lever CP
C	4167/5	Ribbon Feed Lever Sub CP
D	EC1570	Feed Lever Eccentric
	4167/1A	Ribbon Jumper CP includes:-
E	4167/7	Ribbon Guide CP
F	4167/8A	Ribbon Jumper Sub CP
G	PP6871	Jumper Roller Pin
H	RL1215	Jumper Roller
J	PF1151	Felt Washer

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TYPEHEAD CARRIAGE UNIT S4166

See Fig.L.38.

Index Letter	Part No.	Part No.
	4166/1	Typehead and Carriage CP includes:-
A	4166/2	Typehead Carriage Casting CP
B	4166/8	Corrector Arm
C	4166/9	Spring Anchor Plate
D	4166/10	Ribbon Feed Bracket
E	4166/11	Jumper Lift Bracket
F	4166/3	Track Rail End Casting CP
G	4166/4	Track Rail End Plate CP
H	4166/12	Print Rail
J	4166/14	Guide Rail (2 per set)
K	4166/13	Typehead Spline Shaft (2 per set)
L	PS7131	Special Screw
M	PG7583	Tension Spring

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GOVERNED MOTOR UNIT S4135 { GROUP 1 200V – 250V
 GROUP 2 100V – 130V

See Figs. L.40, L.41

Index Letter	Part No.	Part Name	
	REF522A	Motor (Main Voltage and frequency to be specified)	
A	4018/27A	Motor Base	
B	PS5032	Special Screw (3 per unit)	
C	CB1026	Connecting Block (2 section)	
D	CB1025	Connecting Block (3 section)	
E	BO4068/1	Capacitor (0.01 μ F)	
F	PK1171	Capacitor Clip	
	4018/13GRP1	Radio Interference Suppression Unit (for 160V – 270V a.c.)	} includes:-
	or 4018/13GRP2	Radio Interference Suppression Unit (for 90V – 150V a.c)	
G	4018/14	Mounting Strip	
H	4018/26	Hexagonal Spacer (2 per CP)	
J	4018/17GRP1	Resistor Board CP (for 160V – 270V a.c only)	} includes:-
	or 4018/17GRP2	Resistor Board CP (for 90V – 155V a.c. only)	
K	BO2878/2	\approx Resistor (3.5 ohms) used on group 1 only	
L	BO3235/1	Inductor Coil (1.000 μ H) 2 per CP	
M	PE2008	Insulating Bush (4 per CP)	
N	BO2659	Capacitor (0.1 μ F)	
O	PE1156	Capacitor Sleeve	
P	PK1153	Capacitor Clip	
Q	4018/15A	Mounting Bracket	
	4018/29	Plug Assembly CP includes:-	
R	BO7601/2	4-way plug (Painton Inner Assembly P4)	
S	BO7601/8	Side Entry Cover	
T	PK2029	Cable Clip (2 per unit)	
U	PK2090	Cable Clip (2 per unit)	
V	4018/30	Contact Peg	

APPENDIX L
 SELECTOR CABLES UNIT S4168
 See Fig.L.42

Index Letter	Part No.	Part Name
A	4168/2	Plunger Block CP
B	4168/13	Guide
C	4168/1	Cable Block CP (comprises cable block and outer cable)
D	4168/6	Inner Wire (5 per unit)
	PF1166	Felt Plug (not shown) for lubricating item E
E	4168/4	Plunger
F	PG5158	Compression Spring
G	4168/10	Adjusting Block
H	4168/7	Transfer Lever Bracket (Front)
J	4168/8	Transfer Lever Bracket (Rear)
K	4168/9	Transfer Lever (5 per unit)
L	PW5806	Shim (6 per unit)
M	PP6870	Transfer Lever Spindle (2 per unit)
N	PF1167	Lubricator
O	PP6790	Plunger (5 per unit)
P	PG7572A	Tension Spring (5 per assembly)

APPENDIX L
 TRANSMITTER UNIT S4016A
 See Fig.L.43

Index Letter	Part No.	Part Name
A	4016/88	Contact Mounting Plate (for transmitter/ receive machines)
B	4016/57	Contact Block CP
	4016/44GRPI	W.R.U. and Bell Contact CP includes:-
C	PE5117	Spacing Block (2 per CP)
D	1835/29	Alarm Switch Arm (2 per CP)
E	PE5004A	Insulator (8 per CP)
F	4016/40	Contact CP
G	1835/28	Switch Clamping Plate
H	PE1007A	Insulator (4 per CP)
J	4016/42A	Contact Spring CP (position 'A')
K	4016/38A	Contact Spring CP (position 'B')
L	1835/31	Alarm Circuit Spring CP
M	4016/33	Contact Assembly 'A' CP
N	4016/34	Contact Assembly 'B' CP
O	4016/35	Contact Assembly 'C' CP
P	4016/36	Start Stop Contact (2 per unit)
Q	4016/53	Send/Receive Contact Assembly CP

APPENDIX L

TRUE CHARACTER COUNTER CP S4257

See Figs. L.44, L.45, L.46

Index Letter	Part No.	Part Name
A	4257/22	Main Frame CP
B	4257/21	Feed Lever CP
C	2084/183	Feed Pawl CP
D	4257/3	Transfer Lever
E	PF1116	Lubricating Washer (2 per CP)
F	PP8126	Pivot Pin
G	4257/20	Reset Bellcrank CP
H	2084/75A	Retention Pawl CP
J	PB1024	Distance Collar
K	CS1027	Set collar and Screw (4 per CP)
L	2085/28	Contact Operating Lever CP
M	PW5143	Distance Washer
N	2084/8	Contact Roller
O	23955A	Locking Ring
P	2084/74	Stop Plate CP
Q	2084/68	Ratchet Wheel CP
R	BO7220/1	Microswitch
S	PS7178	Special Screw (2 per CP)
T	4257/13	Roller Bracket
U	PG7656	Tension Spring
V	4257/17	Spring Anchor
W	PG7080	Tension Spring
X	PG7070A	Tension Spring
Y	PG7198	Tension Spring
Z	PG7197	Tension Spring
AA	2084/124	Clamp Plate
AB	PG3074	Semi-Elliptic Spring
AC	2084/125	Friction Plate (2 per CP)
AD	2084/126	Damping Buffer CP
AE	PB4947	Spacing Pillar (2 per CP)
AF	PG7176	Tension Spring
AG	PG7076	Tension Spring
AH	CB1143	3-way Terminal Block

The following parts connect the True Character Counter Unit to the Translator Unit.

AJ	4257/10	Feed Shaft
AK	PB1457	Collar
AL	4257/14	Link End
AM	PF1128	Lubricating Washer (2 per CP)

APPENDIX L

Index
Letter Part No. Part Name

The following parts are assembled to the Translator Unit when the machine has a True Character Counter Unit fitted.

AN	4257/26	Count Lever CP
AO	4257/25	Cam Roller Arm CP
AP	PG7655	Tension Spring
AQ	4257/6A	Guide Bracket
AR	4257/5	Guide Bracket

The following parts are assembled to the Typehead Unit when the machine has a True Character Counter Unit fitted.

AS	4257/16	E.O.L.I. Lamp Guard
AT	4257/15	E.O.L.I. Lamp Bracket
AU	CD2078	Cableform CP
AV	BO3804/4	Neon Indicator S.B.C. (for 230/250V machines)
or	BO3804/5	Neon Indicator S.B.C. (for 100/130V machines)
	CF1865	E.O.L.I. Cableform CP (not shown)

APPENDIX L

REPERFORATING UNIT S4165B { GROUP 1 for Centre Feed machines
GROUP 2 for Advance Feed machines

See Figs. L.47, L.48, L.49, L.50

Index Letter	Part No.	Part Name	
A	4165/3A	Perforating Unit Casting CP	} includes:-
	4165/1GRP1	Punch Block Head Sub CP (Centre Feed)	
	4165/1GRP2	Punch Block Head Sub CP (Advance Feed)	
B	4165/10	Punch Block CP	
C	4165/40	Cover Plate (Centre Feed)	
or	4165/41	Cover Plate (Advance Feed)	
D	4165/27	Shim (0.010 in) 4 max	
	PF1170	Lubricator (not shown)	

SELECTOR ASSEMBLY

E	4165/19	Bearing Plate
F	4165/46	Selector Frame
G	PF1169	Felt Plug
H	PW5807	Special Washer (2 per CP)
J	PW5810	Shim (0.003 in) 10 max
K	4165/26	Spacer (2 per CP)
L	4165/30	Selector 'A'
M	4165/31	Selector 'B' (2 per CP)
N	4165/32	Selector 'C' (2 per CP)
O	4165/21	Feed Punch Striker
P	PW5809	Spacer (7 per CP)
Q	4165/20	Trunnion (2 per CP)
R	PW5681	Shim (8 max per CP)
S	PF1138	Felt Washer
T	PP6872	Pivot Pin

TAPE FEED ASSEMBLY

U	4165/9	Feed Spindle CP
V	4165/8	Pawl Plate CP
W	PF1168	Felt Collar
X	1947/269	Retention Wheel
Y	PB4779	Collar
Z	PW5808	Special Washer
AA	PG7576	Spring
AB	PG7575	Tension Spring

RETENTION LEVER ASSEMBLY

	4165/2	Retention Lever Assembly CP includes:-
AC	4165/12	Retention Lever Bracket CP
AD	4165/15	Back Space Lever CP
AE	PG7573	Tension Spring

APPENDIX L

Index Letter	Part No.	Part Name
AF	4165/13	Throwout Lever CP
AG	PS7132	Special Screw
AH	4165/14	Back Space Pawl CP
AJ	PS5724	Shouldered Screw
AK	PW5863	Shim
AL	PB4780	Collar
AM	RL1216	Roller
AN	4165/11	Retention Lever CP
AO	PG7480	Spring
AP	EC5080	Eccentric

TAPE GUIDE AND LATCH

AQ	4165/36	Latch Support
AR	4058/35	Tape Guide Frame Latch CP
AS	EC5081	Eccentric
AT	4165/7	Tape Guide Frame CP
AU	PS7133	Special Screw
AV	PG7577	Spring
AW	4165/29	Feed Pawl CP
AX	PP9242	Flanged Pin
AY	PF1115	Felt Washer
AZ	PG7574	Pawl Spring

TAPE GUIDE ASSEMBLY

	4165/90GRP1	Tape Guide Plate Assembly (Centre Feed)	} includes:-
or	4165/90GRP2	Tape Guide Plate Assembly (Advance Feed)	
BA	4165/95	Tape Guide Plate (Centre Feed)	
or	4165/99	Tape Guide Plate (Advance Feed)	
BB	4165/96	Guide Bracket CP	
BC	4165/93	Pressure Arm	
BD	4165/94	Knurled Nut	
BE	PG5185	Compression Spring	
BF	4165/91	Tape Guide Support Block	

PUNCH SHAFT

BG	4165/4A	Punch Shaft CP
BH	4165/5	Punch Shaft Bearing CP
BJ	4165/25	Punch Spindle
BK	PB1979	Collar
BL	4165/23	Shim (0.010 in) 4 max

PLATEN AND TAPE GUIDE

BM	4165/6B	Platen CP
BN	4165/98	Tape Guide Plate
BO	4014/115	Tape Retainer

APPENDIX L

Index Letter	Part No.	Part Name
BP	3886/142	Tape Roller
BQ	PS5723	Special Screw
BR	PS7134A	Special Screw
BS	PP9240B	Special Pin

APPENDIX L

TAPE DRAWER ASSEMBLY

See Fig L.51.

Index Letter	Part No.	Part Name	
	4165/62GRP1	Single Tape Drawer CP (for 4-row keyboard machines)	} includes:-
	4165/62GRP2	Single Tape Drawer CP (for 3-row keyboard machines)	
	4165/62GRP3	Single Tape Drawer CP (for receiver only machines)	
or	4165/51GRP1	Double Tape Drawer CP (for 4-row keyboard machines)	
	4165/51GRP2	Double Tape Drawer CP (for 3-row keyboard machines)	
	4165/51GRP3	Double Tape Drawer CP (for receiver only machines)	
A	4165/63	Tape Drawer Sub CP (for single tape machines)	
or	4165/55	Tape Drawer Sub CP (for double tape machines)	
B	4165/67	Extension Plate	
C	RL1219	Tape Drawer Roller (for single tape machines)	
or	RL1218	Tape Drawer Roller (for double tape machines)	
D	PW5814	Special Washer	
E	4165/68	Tape Drawer Front (for 4-row keyboard machines)	
or	4165/64	Tape Drawer Front (for 3-row keyboard machines)	
or	4165/66	Tape Drawer Front (for receiver only machines)	
F	4014/90A	Front Pillar (2 per CP) for 4-row keyboard machines	
or	4014/138A	Front Pillar (2 per CP) for 3-row keyboard machines	
G	BO8000/3	Drawer Handle	
H	4014/91	Packing Piece (2 per CP)	
J	4014/92	Clip (2 per CP)	
K	BO4040/1	Mortice Spring Ball Catch (2 per CP)	
L	4165/57	Tape Guide Bracket (4 per CP)	
M	4165/53	Tape Wheel CP (for double tape machines)	
N	4014/145A	Tape Wheel CP (for single tape machines)	
O	4165/89	Drawer Runner (RH) CP	
P	4165/70	Drawer Runner (LH) CP	
	4165/69	Tape Follower Lever CP (for single tape machines)	} includes:-
or	4165/52	Tape Follower Lever CP (for double tape machines)	
Q	4165/72	Mounting Plate CP	
R	4165/76	Tape Follower Lever CP	

APPENDIX L

Index Letter	Part No.	Part Name
S	4165/75	Switch Operating Lever
T	PW5814	Special Washer
U	4165/54	Tape Follower Lever CP (top) for double tape machines
V	4165/58	Switch Operating Lever CP (top) for double tape machines
W	PG7586	Tape Exhaust Alarm Spring
X	375173	Roller
Y	4165/73	Roller Bracket (for single tape machines)
Z	4165/60	Top Roller Bracket (for double tape machines)
AA	RL1220	Tape Roller
AB	PS5726	Roller Pivot
AC	PB4796	Pillar
AD	RB1020	Rubber Foot
AE	PS7240	Special Screw

} 4 per assembly

APPENDIX L

COVER UNIT S4192 { GROUP 1 (for machines less Tape Backfeed Key)
 GROUP 2 (for machines having Run-Out Key and Tape Backfeed)

COVER UNIT 4257/28 (for machines fitted with a True Character Counter)

See Fig. L.52.

Index

Letter	Part No.	Part Name
A	4192/1GRP1	Cover Unit Sub CP (for machines less Tape Backfeed Key)
or	4192/1GRP2	Cover Unit Sub CP (for machines having Run-Out Key and Tape Backfeed)
or	4257/27	Cover Unit Sub CP (for machines fitted with a True Character Counter)
B	4192/11	Window
C	4192/7	Roller Bracket
D	3886/142	Tape Roller

RUN OUT KEY ASSEMBLY

I	4192/23	Tape Run Out Keybar CP includes:-
F	KB1006/415	Keybutton (Run Out)
G	4192/12	Keybar Guide Bracket (2 off S4192 GRP2 1 off S4192 GRP1)
H	4192/10	Feed Lever Bracket
J	PP6314	Pivot Pin
K	4192/9	Tape Run Out Lever CP
L	PG7593	Spring

TAPE BACKFEED KEY ASSEMBLY

M	4192/22	Tape Back Feed Keybar CP (used on S4192 GRP2 includes:-
N	KB1006	Keybutton
O	4192/18	Back Feed Lever Bracket (used on S4192 GRP2)
P	PP6314	Pivot Pin
Q	PG7594	Spring (used on S4192 GRP2)
R	4192/17	Tape Back Feed Lever CP used on S4192 GRP2
S	4192/20	Back Feed Lever Shoe CP

SIGNAL LAMP MOUNTING

T	4015/17	Reflector Clamp Plate	} for machines fitted with a True Character Counter.
U	BO3806/5	Signal Lamp Lens	

APPENDIX L

NUMERICAL INDEX

Part No.	Part Name	Page	Index Letter
860/115F	Pawl	L51	AS
1650/306	Guide Plate	L51	AT
1835/28	Switch Clamping Plate	L62	G
1835/29	Alarm Switch Arm	L62	D
1835/31	Alarm Circuit Spring CP	L62	L
1947/269	Retention Wheel	L62	X
2084/8	Contact Roller	L63	N
2084/68	Ratchet Wheel CP	L63	Q
2084/74	Stop Plate CP	L63	P
2084/75A	Retention Pawl CP	L63	H
2084/124	Clamp Plate	L63	AA
2084/125	Friction Plate	L63	AC
2084/126	Damping Buffer CP	L63	AD
2084/183	Feed Pawl CP	L63	C
2085/28	Contact Operating Lever CP	L63	L
3751/3	Roller	L69	X
3886/142	Tape Roller	{ L48 L48 L67 L70	U Z BP D
4000/6	Trip Shaft CP	L49	AE
4003/63A	Aggregate Levers Assembly	L48	B
4005/9	Trip Arm Nut	{ L56 L56	X AD
4009/102	Starter Main Plate CP	L58	A
4010/35A	Cam Spacer	L56	O
4010/342	Support Block	L53	E
4010/457	Roller Race	L54	X
S4012	Governor Unit	L48	J
4014/10	Resistor Clip	L49	AR
4014/25	3-way Plug CP	L50	-
4014/26	4-way Plug	L50	-
4014/27	Transmitter Cableform CP	L50	-
4014/69	3-way Plug CP	L50	-
4014/74	Cableform CP	L50	-
4014/90A	Front Pillar	L68	F
4014/91	Packing Piece	L68	H
4014/92	Clip	L68	J
4014/95	Cuttings Box CP	L48	AC

APPENDIX L

Part No.	Part Name	Page	Index Letter
4014/115	Tape Retainer	L48	V
		L48	AA
		L66	BO
4014/134	Bracket	L50	J
4014/138A	Front Pillar	L68	F
4014/145A	Tape Wheel CP	L68	N
4014/198	Motor Capacitor CP	L52	—
4014/200	Electrolytic Capacitor CP	L52	BX
4014/387	12-way Plug CP	L50	—
4014/388	12-way Plug CP	L50	—
4014/389A	3-way Plug CP	L51	—
4015/17	Reflector Clamp Plate	L70	T
S4016A	Transmitter Unit	L47	—
		L62	—
4016/33	Contact Assembly 'A' CP	L62	M
4016/34	Contact Assembly 'B' CP	L62	N
4016/35	Contact Assembly 'C' CP	L62	O
4016/36	Start Stop Contact	L62	P
4016/38A	Contact Spring CP	L62	K
4016/40	Contact CP	L62	F
4016/42A	Contact Spring CP	L62	J
4016/44	W.R.U. and Bell Contact CP	L62	—
4016/53	Send/Receive Contact Assembly CP	L62	Q
4016/57	Contact Block CP	L62	B
4016/88	Contact Mounting Plate	L62	A
4018/13	R.I.S. Unit	L60	—
4018/14	Mounting Strip	L60	G
4018/15A	Mounting Bracket	L60	Q
4018/17	Resistor Board CP	L60	J
4018/26	Hexagonal Spacer	L60	H
4018/27A	Motor Base	L60	A
4018/29	Plug Assembly CP	L60	—
4018/30	Contact Peg	L60	V
4019/7A	Driven Gear CP	L58	K
4019/46	Special Square Nut	L58	F
4019/55	Collar	L58	E
4058/35	Tape Guide Frame Latch CP	L66	AR
S4063	Plug and Cord Arrangement	L48	—
S4135	Motor Unit	L48	H
		L60	—
S4165B	Reperforating Unit	L48	P
		L65	—
4165/1	Punch Block Head Sub CP	L65	—
4165/2	Retention Lever Assembly CP	L65	—
4165/3A	Perforating Unit Casting CP	L65	A
4165/4A	Punch Shaft CP	L66	BG
4165/5	Punch Shaft Bearing CP	L66	BH
4165/6B	Platen CP	L66	BM
4165/7	Tape Guide Frame CP	L66	AT
4165/8	Pawl Plate CP	L65	V

APPENDIX L

Part No.	Part Name	Page	Index Letter
4165/9	Feed Spindle CP	L65	U
4165/10	Punch Block CP	L65	B
4165/11	Retention Lever CP	L66	AN
4165/12	Retention Lever Bracket CP	L65	AC
4165/13	Throwout Lever CP	L66	AT
4165/14	Back Space Pawl CP	L66	AH
4165/15	Back Space Lever CP	L65	AD
4165/19	Bearing Plate	L65	E
4165/20	Trunnion	L65	Q
4165/21	Feed Punch Striker	L65	O
4165/23	Shim	L66	BL
4165/25	Punch Spindle	L66	BJ
4165/26	Spacer	L65	K
4165/27	Shim	L65	D
4165/29	Feed Pawl CP	L66	AW
4165/30	Selector 'A'	L65	L
4165/31	Selector 'B'	L65	M
4165/32	Selector 'C'	L65	N
4165/36	Latch Support	L66	AQ
4165/40	Cover Plate	L65	C
4165/46	Selector Frame	L65	F
4165/51	Double Tape Drawer CP	L68	-
4165/52	Tape Follower Lever CP	L68	-
4165/53	Tape Wheel CP	L68	M
4165/54	Tape Follower Lever CP	L69	U
4165/55	Tape Drawer Sub CP	L68	A
4165/57	Tape Guide Bracket	L68	L
4165/58	Switch Operating Lever CP	L69	V
4165/60	Top Roller Bracket	L69	Z
4165/62	Tape Drawer Assembly	{ L47	-
		{ L68	-
4165/63	Tape Drawer Sub CP	L68	A
4165/64	Tape Drawer Front	L68	E
4165/66	Tape Drawer Front	L68	E
4165/67	Extension Plate	L68	B
4165/68	Tape Drawer Front	L68	E
4165/69	Tape Follower Lever CP	L68	-
4165/70	Drawer Runner (LH) CP	L68	P
4165/71	Cover Plate CP	L47	-
4165/72	Mounting Plate CP	L68	Q
4165/73	Roller Bracket	L69	Y
4165/75	Switch Operating Lever	L69	S
4165/76	Tape Follower Lever CP	L68	R
4165/89	Drawer Runner (RH) CP	L68	O
4165/90	Tape Guide Plate Assembly	L66	-
4165/91	Tape Guide Support Block	L66	BF
4165/93	Pressure Arm	L66	BC
4165/94	Knurled Nut	L66	BD
4165/95	Tape Guide Plate	L66	BA
4165/96	Guide Bracket CP	L66	BB
4165/98	Tape Guide Plate	L66	BN
4165/99	Tape Guide Plate	{ L66	BA
		{ L48	C
S4166	Typehead and Carriage Unit	{ L59	-
4166/1	Typehead and Carriage CP	L59	-

APPENDIX L

Part No.	Part Name	Page	Index Letter
4166/2	Typehead Carriage Casting CP	L59	A
4166/3	Track Rail End Casting CP	L59	F
4166/4	Track Rail End Plate CP	L59	G
4166/8	Corrector Arm	L59	B
4166/9	Spring Anchor Plate	L59	C
4166/10	Ribbon Feed Bracket	L59	D
4166/11	Jumper Lift Bracket	L59	E
4166/12	Print Rail	L59	H
4166/13	Typehead Spline Shaft	L59	K
4166/14	Guide Rail	L59	J
S4167A	Ribbon Unit	{ L48 L59	D —
4167/1A	Ribbon Jumper CP	L59	—
4167/2	Ribbon Feed Lever CP	L59	—
4167/3	Sideplate (RH) CP	L59	A
4167/4	Sideplate (LH) CP	L59	B
4167/5	Ribbon Feed Lever Sub CP	L59	C
4167/7	Ribbon Guide CP	L59	E
4167/8A	Ribbon Jumper Sub CP	L59	F
S4168	Selector Cables Unit	{ L48 L61	Q —
4168/1	Cable Block CP	L61	C
4168/2	Plunger Block CP	L61	A
4168/4	Plunger	L61	E
4168/6	Inner Wire	L61	D
4168/7	Transfer Lever Bracket (Front)	L61	H
4168/8	Transfer Lever Bracket (Rear)	L61	J
4168/9	Transfer Lever	L61	K
4168/10	Adjusting Block	L61	G
4168/13	Guide	L61	B
4169/3	Front Main Frame CP	L55	AJ
4169/4	Middle Main Frame CP	L55	—
4169/5	Selector Transmitter Lever Assembly CP	L55	—
4169/6	Corner Bracket CP	L55	AK
4169/7	Middle Main Frame Sub CP	L55	AL
4169/10	Pivot Support Bracket	L55	AN
4169/11	Selector Lever Pivot	L55	AM
4169/12	Translator Unit Base Plate CP	L56	A
4169/13	Bearing Bracket CP	L56	B
4169/15	Run Out Control Bracket CP	L56	E
4169/16	Run Out Control Cam Lever CP	L56	G
4169/18	Detent Guide CP	L56	V
4169/19	Cam Spacer	L56	L
4169/21	Suppression Shaft	L56	D
4169/24	Run Out Control Cam	L56	M
4169/27	Tape Feed Cam	L56	K
4169/28	Punch Cam	L56	N
4169/29	Control Lever	L56	F
4169/30	Spacing Collar	L56	S
4169/31A	Count Lever Cam	L56	R
4169/32A	Rear Frame CP	L53	—
4169/33	Punch Link CP	L54	—
4169/34	Tape Feed Vertical Lever CP	L53	—
4169/35	Tape Feed Vertical Lever Sub CP	L53	M

APPENDIX L

Part No.	Part Name	Page	Index Letter
4169/36	Tape Feed Lever CP	L53	K
4169/37	Trip Off CP	L53	-
4169/38	Trip Lever CP	L53	G
4169/39	Trip Bellcrank CP	L53	J
4169/40	Bearing Bracket CP	L54	AF
4169/41	Suppression Block CP	L54	AH
4169/42	Run Out Key	L54	AB
4169/43	Rear Bearing Bracket CP	L54	AC
4169/44	Suppression Spade CP	L54	AE
4169/45	Tape Feed Latch	L53	N
4169/46	Trip Lever Bracket CP	L53	H
4169/47	Steady Bracket CP	L53	C
4169/51A	Sub Plate CP	L53	B
4169/52	Vertical Lever Rack Sub CP	L53	F
4169/58	Punch Link Lever	L54	U
4169/59	Spacer	L54	Y
4169/64	Sub Plate Rack	L53	D
4169/69	Punch Link	L54	T
4169/70	Lower Tape Feed Rack	L53	S
4169/73	Vertical Lever Rack CP	L53	-
4169/76	Transmitter Cover CP	L47	-
4169/80	Rear Frame Sub CP	L53	A
4171/8	Tie Bar	L58	H
4172/1A	Driven Gear CP	L58	J
4172/2A	Driven Gear CP	L58	J
4172/3	Driven Gear CP	L58	G
4172/5	Driven Gear CP	L58	G
4172/6	Gear Lever	L58	L
4172/7A	Gear Lever	L58	L
4172/10B	Dog	L58	M
S4173	Function Bar Unit	L53	-
4173/1	Spring Anchor Bracket CP	L57	-
4173/2	Answer Back Trip Shaft Bracket CP	L57	G
4173/3	Adjustment Block Bracket CP	L57	K
4173/4	Function Bar Rack (Front)	L57	J
4173/5	Screwed Stay Rod	L57	F
4173/7	Function Bar Rack (Rear)	L57	H
4173/42	Bell 'J' Contacts	L57	E
4173/59	Line Feed	L57	D
4173/71	Carriage Return	L57	-
4173/81	Answer Back Trip and W.R.U. Contacts	L57	-
4173/98	Space	L57	C
4173/107	All Space Dummy	L57	-
4173/113	Shift Change 'Figures'	L57	-
4173/117	Shift Change 'Letters'	L57	B
4174/1	Roller Bracket CP	L48	A
4174/2	Roller Bracket CP	L48	-
4174/3	Cuttings Chute CP	L48	AB
4174/4	Track Rail Bracket	L48	K
4174/5	Punch Link End CP	L49	AM
4174/6	Starter Trip Lever CP	L49	AG

APPENDIX L

Part No.	Part Name	Page	Index Letter
4174/7	Starter Trip Lever CP	L49	AD
4174/8	Disablement Pin CP	L56	AA
4174/10	Feed Link End	L52	BS
4174/11	Feed Link	L52	BR
4174/12	Ribbon Unit Track Rail	L48	M
4174/15	Punch Rod CP	L49	AJ
4174/16	Connecting Link	L52	BV
4174/19	Punch Adjustment Link	L49	AL
4174/23	Track Rail Bracket (LH)	L48	L
4174/24	Cable Support Bracket	L48	N
4174/25	Roller Bracket	L48	S
4174/26A	Roller Bracket	L48	X
4174/27	Track Rail and Rack Cover	L48	R
4174/29	Lever Feed Suppression	L56	W
S4176	Main Base Unit	{ L48	A
		{ L50	-
4176/1	Governing Resistor Unit CP	L49	-
4176/2	Electromagnet Spark Quench	L50	-
4176/3	Cam Sleeve CP	L51	-
4176/4	Tape Feed Lever CP	L51	-
4176/5	Compensator Cam Lever CP	L51	BF
4176/6	Drive Shaft CP	L58	B
4176/7	Tape Feed Lever Sub CP	L51	AY
4176/8	Clutch Spring CP	L51	AR
4176/9	Tagboard CP	L50	F
4176/10	Run Out Trip Levers CP	L51	-
4176/11	Cuttings Box Bracket CP	L50	C
4176/12A	Bracket Sub CP	L51	AE
4176/13A	Driven Gear	L51	AW
4176/14	Run Out Shaft Gear CP	L51	AF
4176/15	Run Out Lever CP	L52	BM
4176/16	Run Out Shaft CP	L51	AD
4176/17	Block	L52	BN
4176/18	Print Spring Adjustment Link	L51	AC
4176/19	Resistor Bracket	L49	AQ
4176/23A	Gear Spindle	L51	AJ
4176/24	Bearing Bracket	L51	AX
4176/25	Punch Link Guide	L51	BE
4176/26	Cam Spacer	L51	AL
4176/27	Cam Spacer	L51	AP
4176/28	Cam Spacer	L51	AN
4176/30	Distance Pillar	L50	B
4176/31	Resistor Base Bracket	L49	AP
4176/32	Resistor Cover	L49	-
4176/33	Fixing Plate	L51	Z
4176/34	Fixing Plate	L51	X
4176/39	Detent Bearing Bracket	L51	BG
4176/40	Detent	L52	BL
4176/43	Spring Anchor Bracket	L52	BH
4176/44	Cover Plate	L51	AB
4176/46	Cam Sleeve	L51	AK
4176/47	Punch Cam	L51	AO
4176/48	Tape Feed Cam	L51	AQ
4176/49	Compensator Cam	L51	AM
4176/50A	Tape Exhaust Alarm Switch CP	L50	-
4176/51	Main Base CP	L50	A
4176/52	Run Out Bearing Bracket CP	L51	AH

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Part No.	Part Name	Page	Index Letter
4176/54A	Switch CP	L50	
4176/55	Capacitor CP	L50	-
4176/56	Starter Switch and Cableform CP	L50	D
4176/57	Lever 'All Mark'	L56	AC
4176/58	Capacitor CP	L50	-
4176/60	Motor Connection Socket CP	L50	M
4176/68A	Switch Mounting Bracket	L50	T
4176/70	Bearing Bracket CP	L56	AF
4176/73	Blade 'All Mark'	L56	AE
4176/74	Run Out 'All Mark' Shaft CP	L56	AB
4176/75	Resistor CP	L49	-
S4192	Cover Unit CP	{ L47	-
		L70	-
4192/1	Cover Unit Sub CP	L70	A
4192/7	Roller Bracket	L70	C
4192/9	Tape Run Out Lever CP	L70	K
4192/10	Feed Lever Bracket	L70	H
4192/11	Window	L70	B
4192/12	Keybar Guide Bracket	L70	G
4192/14	Dummy Plinth	L48	F
4192/17	Tape Back Feed Lever CP	L70	R
4192/18	Back Feed Lever Bracket	L70	O
4192/20	Back Feed Lever Shoe CP	L70	S
4192/22	Tape Back Feed Keybar CP	L70	M
4192/23	Tape Run Out Keybar CP	L70	E
4220/3	Contact Mounting Plate	L54	AD
S4257/	True Character Counter	{ L49	AW
		L63	-
4257/3	Transfer Lever	L63	D
4257/5	Guide Bracket	L64	AR
4257/6A	Guide Bracket	L64	AQ
4257/10	Feed Shaft	L63	AJ
4257/13	Roller Bracket	L63	T
4257/14	Link End	L63	AL
4257/15	E.O.L.I. Lamp Bracket	L64	AT
4257/16	E.O.L.I. Lamp Guard	L64	AS
4257/17	Spring Anchor	L63	V
4257/19	Switch Cover CP	L49	AX
4257/20	Reset Bellcrank CP	L63	G
4257/21	Feed Lever CP	L63	B
4257/22	Main Frame CP	L63	A
4257/25	Cam Roller Arm CP	L64	AO
4257/26	Count Lever CP	L64	AN
4257/27	Cover Unit Sub CP	L70	A
4257/28	Cover Unit	L47	-
		L70	-
S4351	Selector Unit	{ L48	G
		L58	-
4351/1	Selector Unit Sub Assembly	L58	-
4351/5	Selector Camsleeve CP	L58	-
4351/7	Selector Clutch Assembly	L58	C
4351/9	Selector Camsleeve CP	L58	D

APPENDIX L

Part No.	Part Name	Page	Index Letter
S4352	Selector Unit	{ L48 L58	G
4352/1	Selector Unit Sub Assembly		L58
4352/4	Drive Shaft CP	L58	B
S4353	Translator Unit	{ L48 L53	E
4353/1	Translator Unit 2nd Stage		L53
4353/2	Translator Unit 1st Stage	{ L55 L53	--
4353/3	Contact Mounting Plate CP		L56
S4360	Motor Unit	L48	H
4360/1	Contact Cover	L49	--
S4365	Machine Sub Assembly	{ L47 L48	--
REF 522A	Motor Governed		L60
23955A	Locking Ring	L63	O
BO NUMBERS (BOUGHT OUT)			
BO1701	Insulating Bead	L49	AV
BO1840A	Delta Capacitor	L50	Q
BO2633/1	Ink Ribbon Black	L49	--
BO2636/1	Resistor	L50	K
BO2649	Capacitor	L50	O
BO2659	Capacitor	L60	N
BO2878/2	Resistor	L60	K
BO3235/1	Inductor Coil	L60	L
BO3804/4	Neon Indicator	L64	AV
BO3804/5	Neon Indicator	L64	AV
BO3806/5	Signal Lamp Lens	L70	U
BO3807	Starter Microswitch	L50	E
BO3811/4	12 Way Panel Mounting Plug	L51	W
BO3815/7	Resistor	L49	AU
BO3816/4	3 Way Plug	L51	Y
BO3853A	Ball Thrust Bearing	L51	--
BO4040/1	Mortice Spring Ball Catch	L68	K
BO4063/2	Cable Cleat	{ L49 L51	AH
BO4063/5	Cable Clip		L51
BO4068/1	Capacitor	L60	E
BO4092A/5	Capacitor	L52	--
BO4092A/6	Capacitor	L52	--
BO4092A/7	Capacitor	L52	--
BO4122/1	Capacitor	L52	--
BO4122/3	Capacitor	L52	--
BO4155	Capacitor	L50	Q
BO5201/11	Capacitor	L50	G
BO7220/1	Microswitch	L53	R
BO7220/2	Microswitch	L50	U
BO7229/3	Microswitch Actuator	L50	V

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Part No.	Part Name	Page	Index Letter
BO7601/2	4 Way Plug	L60	R
BO7601/3	4 Way Socket	L50	N
BO7601/8	Side Entry Cover	L60	S
BO8000/3	Drawer Handle	L68	G
CB NUMBERS (CONNEXION BLOCKS)			
CB1025	Connecting Block	L60	D
CB1026	Connecting Block	L60	C
CB1143	3 Way Terminal Block	L63	AH
CB1152	Terminal Strip	L50	R
CD NUMBERS (CORDS)			
CD2078	Cableform CP	L64	AU
CF NUMBERS (CABLE FORMS)			
CF1865	E.O.L.I. Cableform CP	L64	-
CS NUMBERS (SET COLLARS AND SCREWS)			
CS1026	Set Collar and Screw	L54	AG
CS1027	Set Collar and Screw	L63	K
CS1030	Set Collar and Screw	L49	AF
EC NUMBERS (ECCENTRIC SCREWS)			
EC1570	Feed Lever Eccentric	L59	D
EC5080	Eccentric	L66	AP
EC5081	Eccentric	L66	AS
EC5082	Eccentric Adjuster	L51	AZ
EC5083	Eccentric Screw	L52	BJ
EC5084	Eccentric Roller Pivot	L51	BA
EC5085	Eccentric Screw	L54	AA
GR NUMBERS (GEARS)			
GR5010	Spiral Gear	L51	AV
KB NUMBERS (KEY BUTTONS)			
KB1006	Keybutton	L70	N
KB1006/145	Keybutton	L70	F
KY NUMBERS (KEYS)			
KY1052	Key	L56	P
KY1053	Key	L56	T
KY1054	Key	L51	-
PB NUMBERS (BUSHES)			
PB1024	Distance Collar	L63	J
PB1457	Collar	L63	AK

APPENDIX L

Part No.	Part Name	Page	Index Letter
PB1979	Collar	L66	BK
PB4583	Bush	L50	S
PB4774	Bush	L56	J
PB4777	Spacer	L56	Q
PB4778	Collar	L56	H
PB4779	Collar	L65	Y
PB4780	Collar	L66	AL
PB4796	Pillar	L69	AC
PB4947	Spacing Pillar	L63	AE
PE NUMBERS (INSULATORS)			
PE1007A	Insulator	L62	H
PE1156	Capacitor Sleeve	L60	O
PE2008	Insulating Bush	L60	M
PE5001A	Insulator	L62	E
PE5117	Spacing Block	L62	C
PE5125	Collar Insulating	L50	L
PE5127	Insulating Strip	L50	P
PF NUMBERS (LUBRICATORS)			
PF1114	Lubricating Washer	L52	BW
PF1115	Felt Washer	L66	AY
PF1116	Lubrication Washer	L56	C
		L63	E
PF1126	Lubrication Washer	L51	BC
PF1128	Lubricating Washer	L63	AM
PF1138	Felt Washer	L65	S
PF1142	Lubricating Washer	L53	P
		L56	Z
PF1151	Lubricating Washer	L59	J
PF1166	Felt Plug	L61	-
PF1167	Lubricator	L61	N
PF1168	Felt Collar	L65	W
PF1169	Felt Plug	L65	G
PF1170	Lubricator	L65	-
PF1171	Lubricating Pad	L48	O
PG NUMBERS (SPRINGS)			
PG3074	Semi Elliptic Spring	L63	AB
PG5158	Compression Spring	L61	F
PG5185	Compression Spring	L66	BE
PG7003	Tension Spring	L56	U
PG7070A	Tension Spring	L63	X
PG7076	Tension Spring	L63	AG
PG7080	Tension Spring	L63	W
PG7176	Tension Spring	L63	AF
PG7197	Tension Spring	L63	Z
PG7198	Tension Spring	L63	Y
PG7466C	Tension Spring	L57	-
PG7468C	Tension Spring	L57	-
PG7476	Tension Spring	L52	BP
PG7480	Spring	L66	AO
PG7552A	Tension Spring	L57	-
PG7557	Tension Spring	L57	-

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Part No.	Part Name	Page	Index Letter
PG7572A	Tension Spring	L61	P
PG7573	Tension Spring	L65	AE
PG7574	Pawl Spring	L66	AZ
PG7575	Tension Spring	L65	AB
PG7576	Spring	L65	AA
PG7577	Spring	L66	AV
PG7579	Tension Spring	L49	AO
PG7580	Tension Spring	L49	AN
PG7581	Tension Spring	L52	BQ
PG7582	Tension Spring	L52	BO
PG7583	Tension Spring	L59	M
PG7584	Tape Feed Lever Spring	L53	L
PG7585	Special Spring	L53	O
PG7586	Tape Exhaust Alarm Spring	L69	W
PG7593	Spring	L70	L
PG7594	Spring	L70	Q
PG7655	Tension Spring	L64	AP
PG7656	Tension Spring	L63	U

PK NUMBERS (CLEATS)

PK1153	Capacitor Clip	L60	P
PK1171	Capacitor Clip	L60	F
PK2029	Cable Clip	L60	T
PK2063	Clamp	L50	H
PK2090	Cable Clip	L60	U

PN NUMBERS (NUTS)

PN5048	Special Nut	L51	-
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PP NUMBERS (PINS)

PP1066	Parallel Pin	L51	AU
PP5598	Threaded Pin	L49	AS
PP5622	Threaded Pin	L48	T
PP6309	Detent Pivot	L52	BK
PP6314	Pivot Pin	{ L70	J
		{ L70	P
PP6790	Plunger	L61	O
PP6870	Transfer Lever Spindle	L61	M
PP6871/	Jumper Roller Pin	L59	G
PP6872	Pivot Pin	L65	T
PP6873	Pivot Pin	L56	Y
PP6874	Pivot Pin	L49	AM
PP7947	Shouldered Pin	L53	R
PP8016	Shouldered Pin	L58	N
PP8126	Pivot Pin	L63	F
PP9240B	Special Pin	L67	BS
PP9242	Flanged Pin	L66	AX

PS NUMBERS (SCREWS)

PS5032	Special Screw	{ L60	B
		{ L48	Y
PS5723	Special Screw	{ L67	BQ

APPENDIX L

Part No.	Part Name	Page	Index Letter
PS5724	Shouldered Screw	L66	AJ
PS5725	Shouldered Screw	L54	V
PS5726	Roller Pivot	L69	AB
PS6123	Special Screw	L48	-
PS7131	Special Screw	L59	L
PS7132	Special Screw	L66	AG
PS7133	Special Screw	L66	AU
PS7134A	Special Screw	L67	BR
PS7135	Pillar	L47	-
PS7136	Shouldered Screw	L52	BU
PS7178	Special Screw	L63	S
PS7240	Special Screw	L69	AE

PW NUMBERS (WASHERS)

PW5143	Distance Washer	L63	M
PW5258	Special Washer	L48	W
PW5681	Shim	L65	R
PW5710	Special Washer	L53	Q
PW5716	Special Washer	L48	-
PW5719	Special Washer	L48	-
PW5741	Shim	L51	AG
PW5746	Special Washer	L49	AT
PW5748	Special Washer	L54	W
PW5806	Shim	L61	L
PW5807	Special Washer	L65	H
PW5808	Special Washer	L65	Z
PW5809	Spacer	L65	P
PW5810	Shim	L65	J
PW5811	Special Washer	L51	BD
PW5812	Shim	L52	BT
PW5813	Special Washer	L54	Z
PW5814	Special Washer	L68	D
		L69	T
PW5863	Shim	L66	AK

RB NUMBERS (RUBBER FEET)

RB1020	Rubber Foot	L69	AD
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RL NUMBERS (ROLLERS)

RL1184	Roller	L51	BB
RL1215	Jumper Roller	L59	H
RL1216	Roller	L66	AM
RL1218	Tape Drawer Roller	L68	C
RL1219	Tape Drawer Roller	L68	C
RL1220	Tape Roller	L69	AA

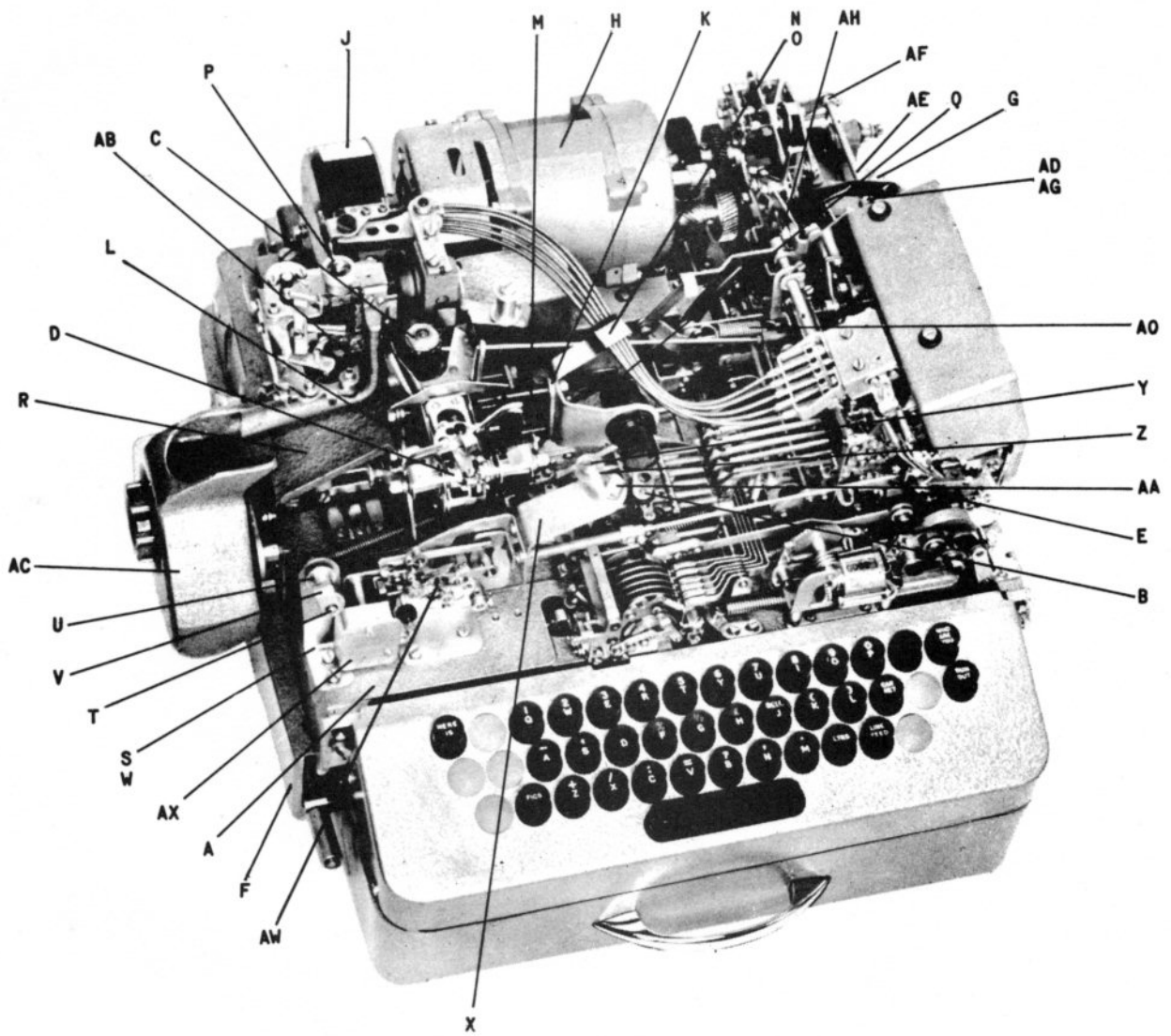


FIG.L.27 MACHINE SUB ASSEMBLY

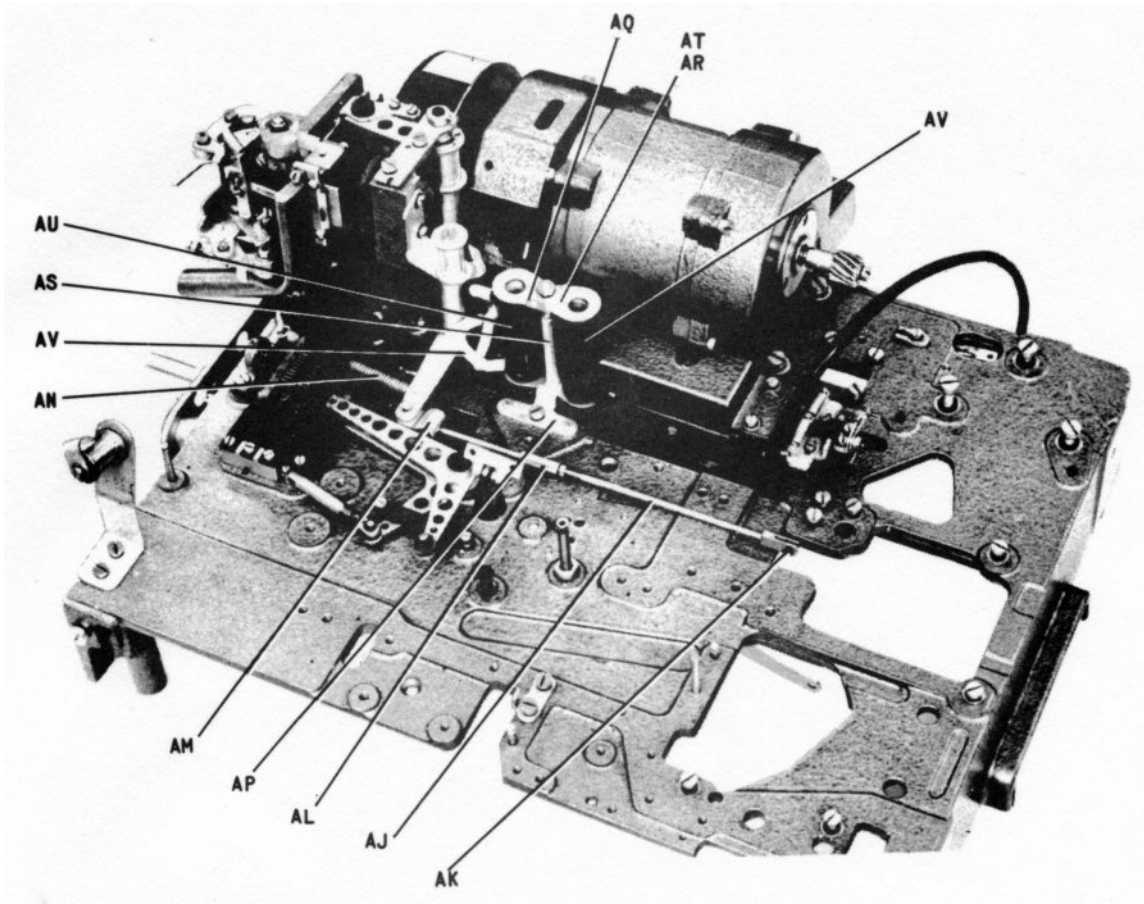


FIG. L.28 PARTIAL MACHINE SUB ASSEMBLY

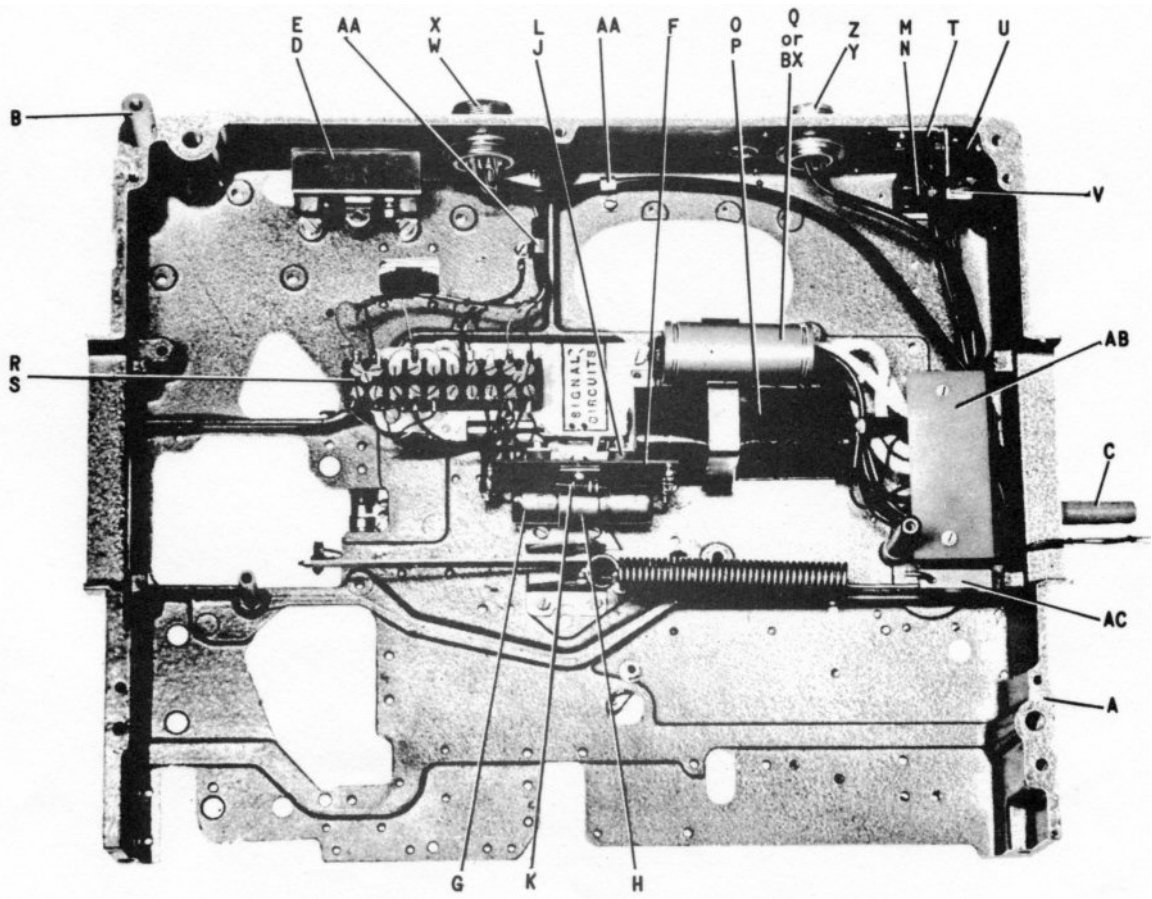


FIG. L.29 MAIN BASE UNIT

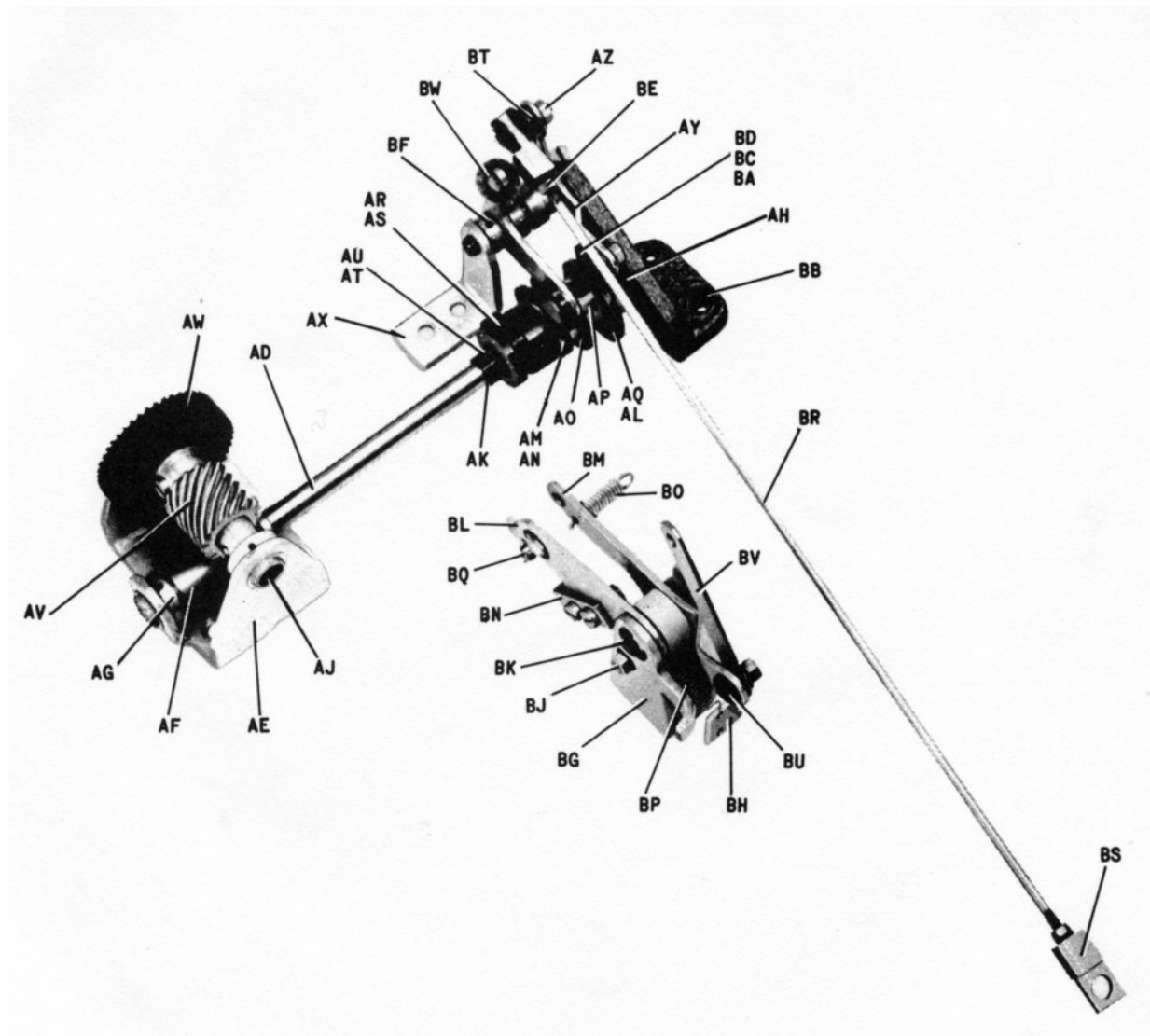


FIG. L.30 TAPE FEED AND RUN OUT COMPONENTS

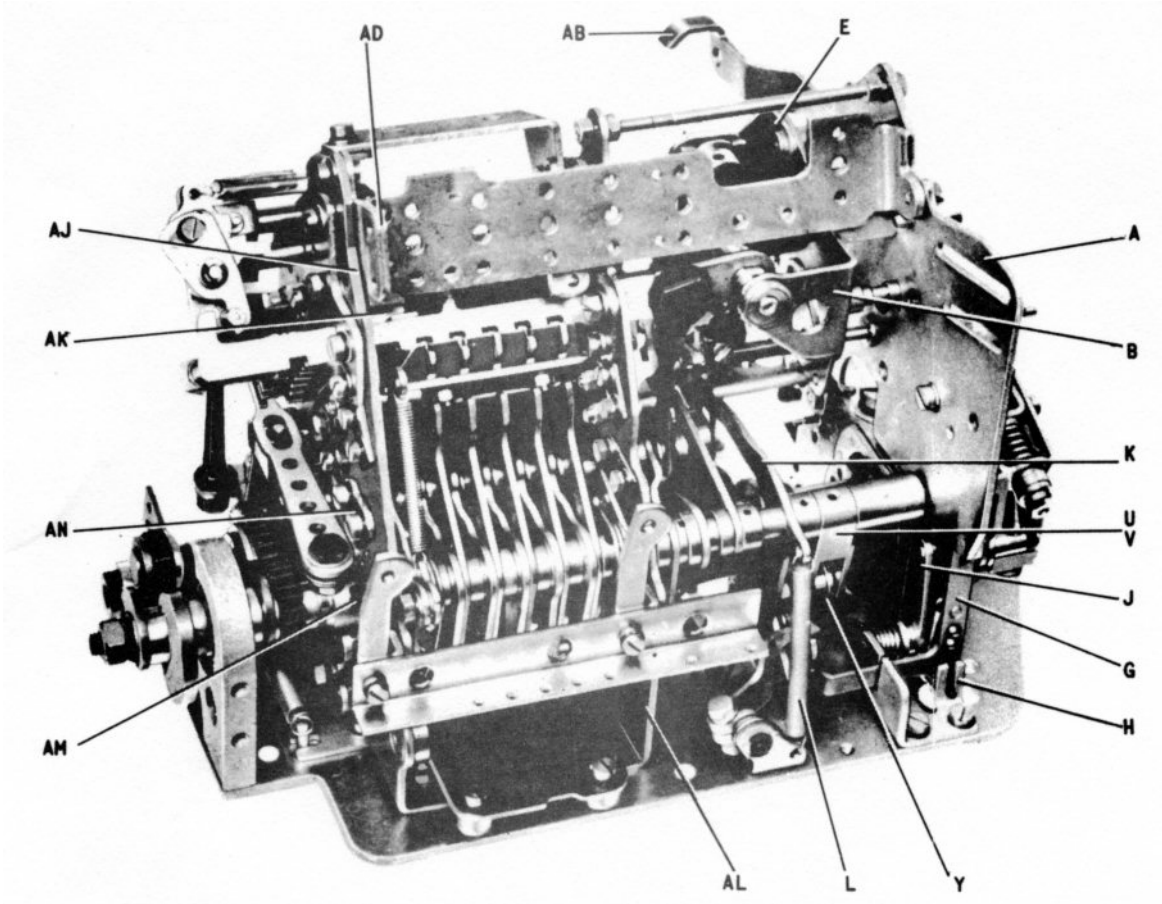


FIG.L.31 TRANSLATOR UNIT

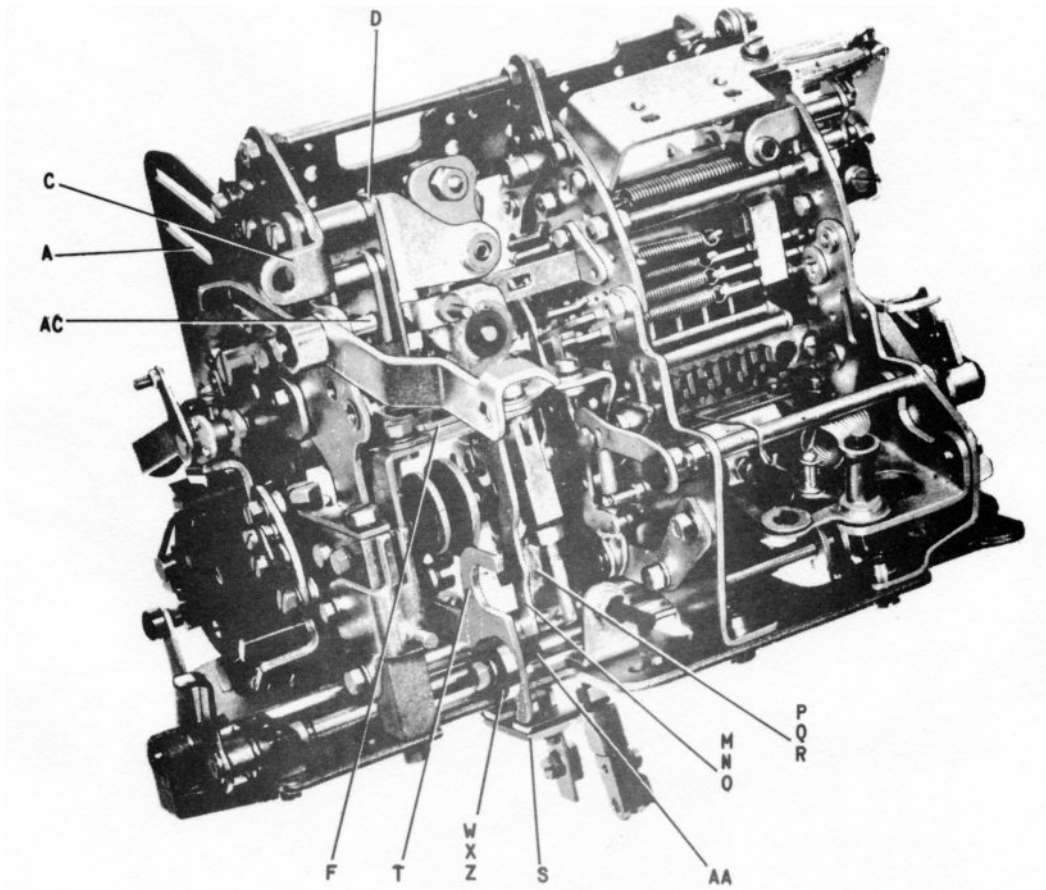


FIG.L.32 TRANSLATOR UNIT

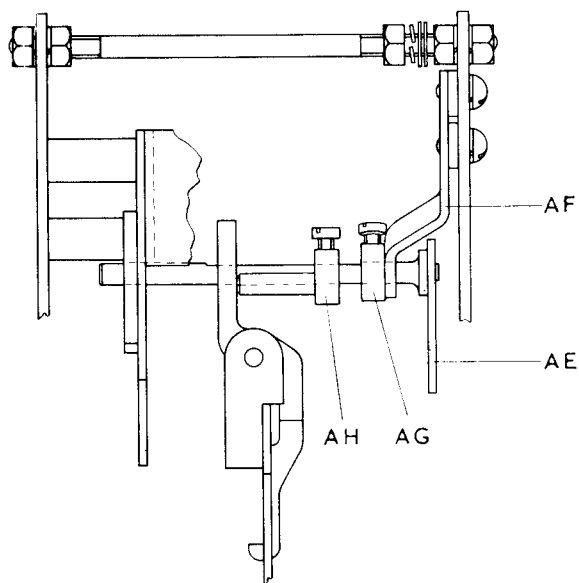


FIG.L.33 TAPE FEED SUPPRESSION PARTS

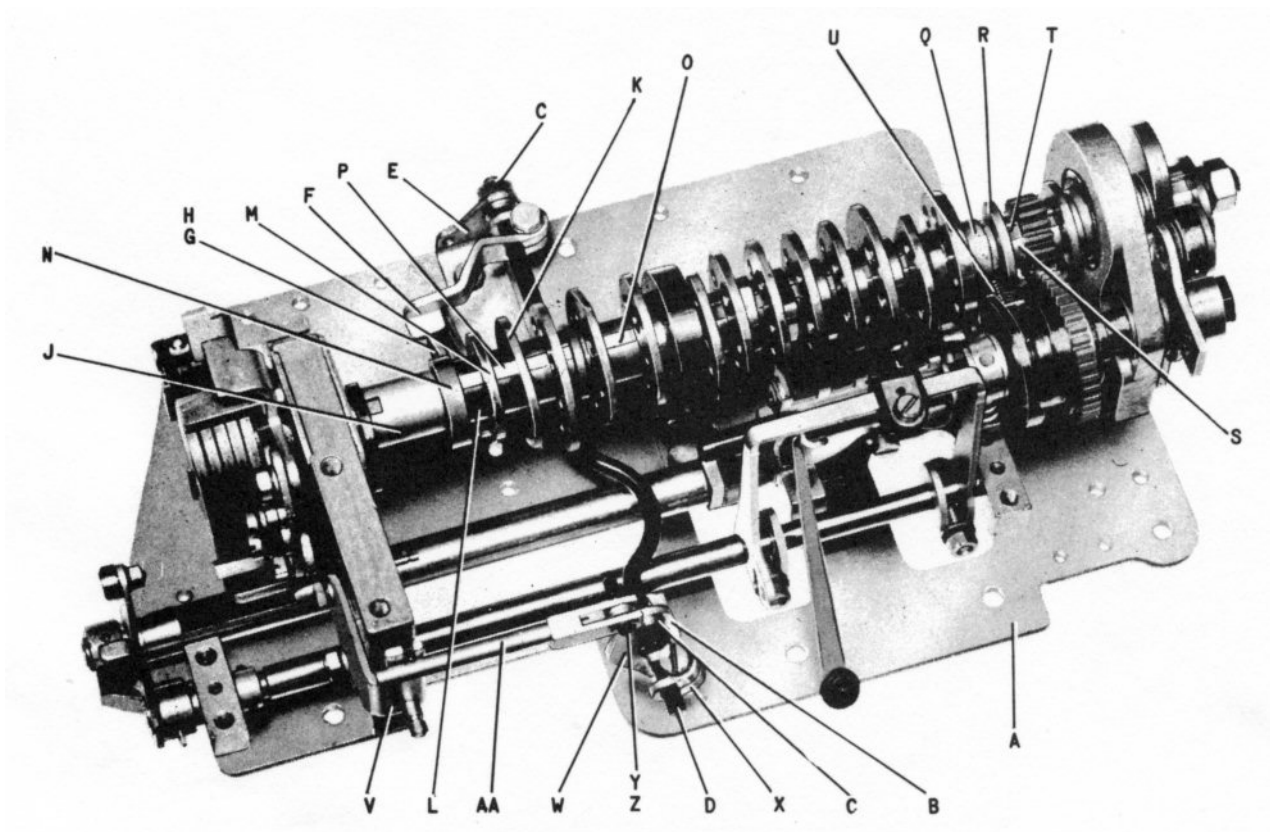


FIG.L.34 TRANSLATOR UNIT 1ST STAGE

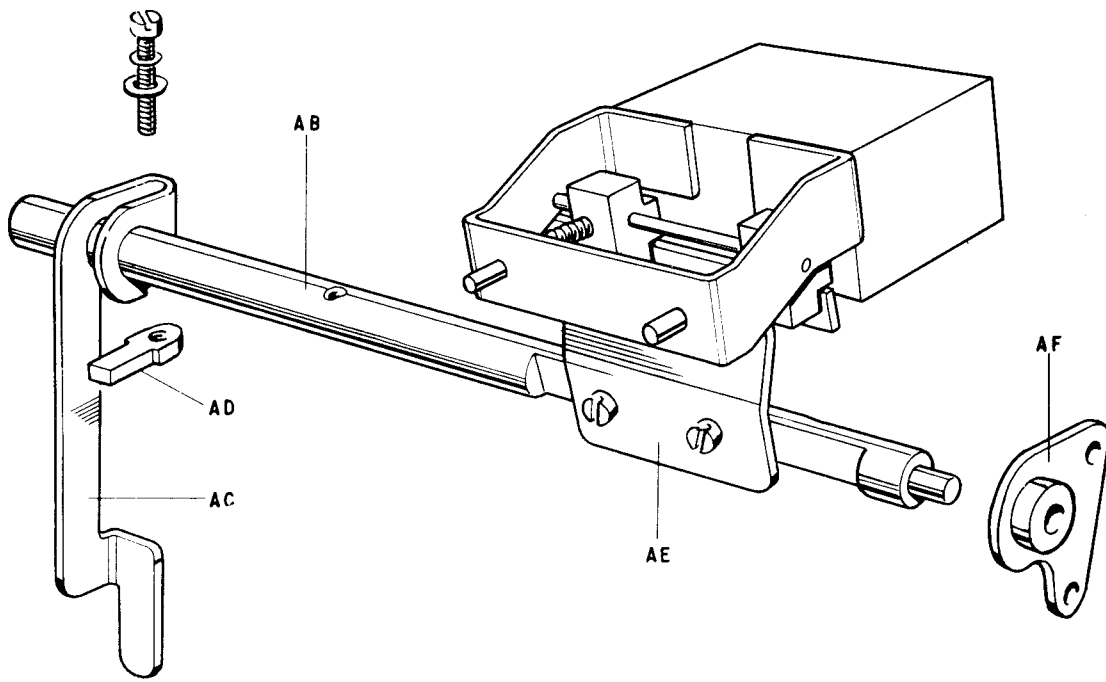


FIG.L.35 "ALL MARK" RUN OUT PARTS

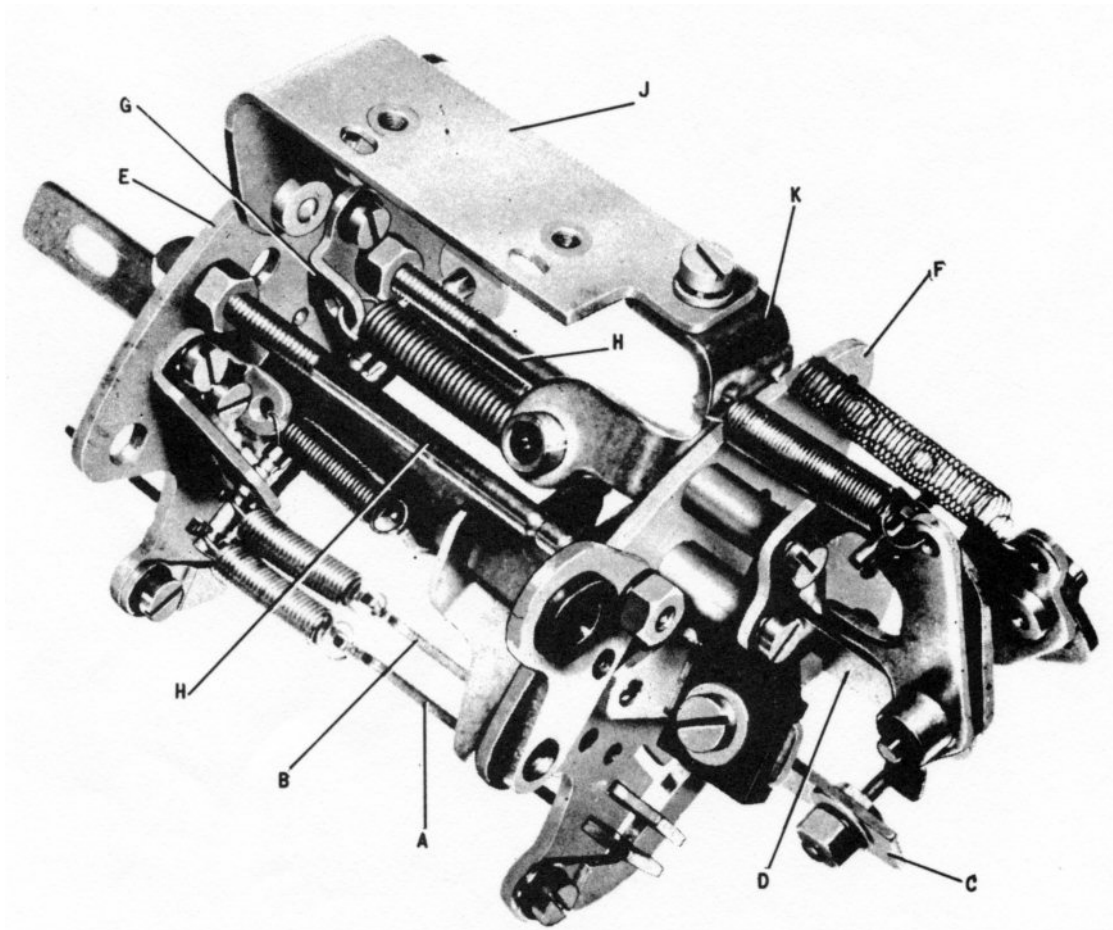


FIG.L.36 FUNCTION BAR UNIT

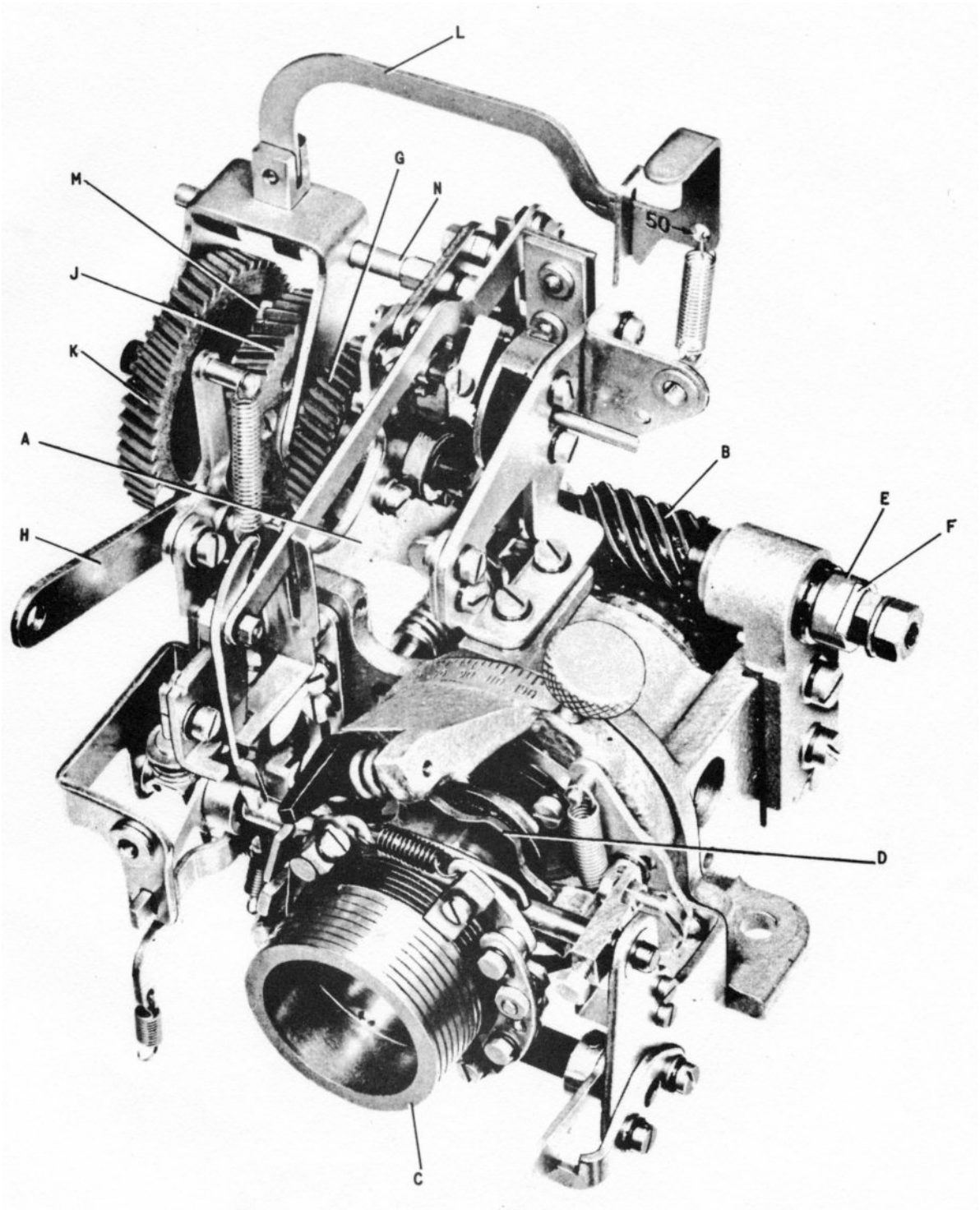


FIG.L.37 SELECTOR UNIT

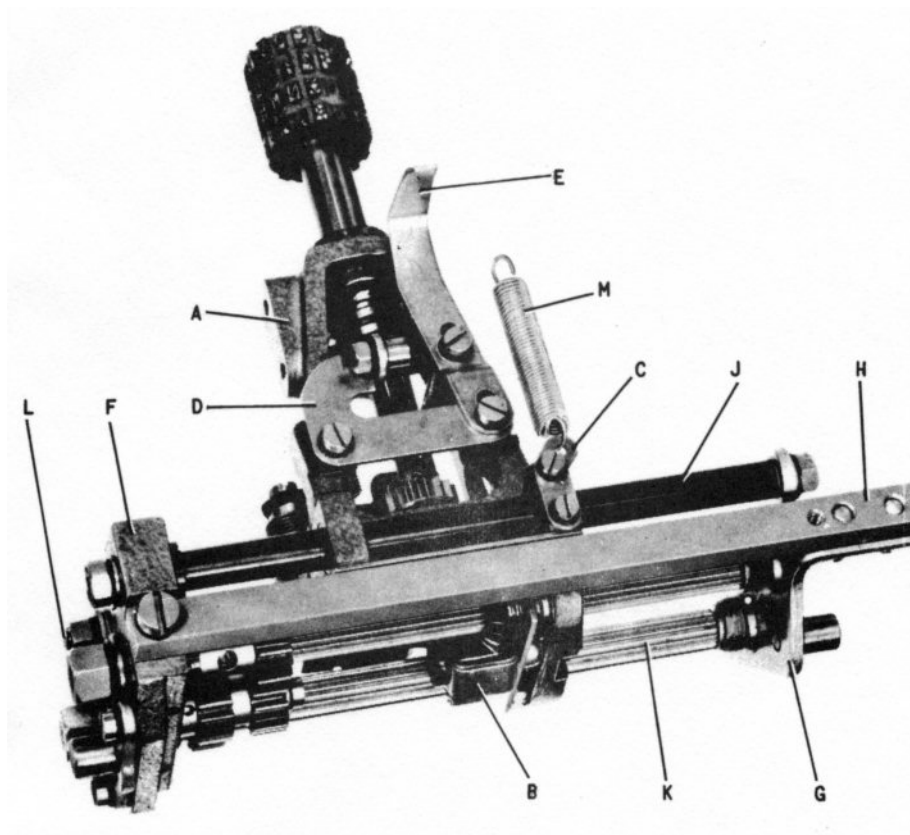


FIG. L.38 TYPEHEAD CARRIAGE UNIT

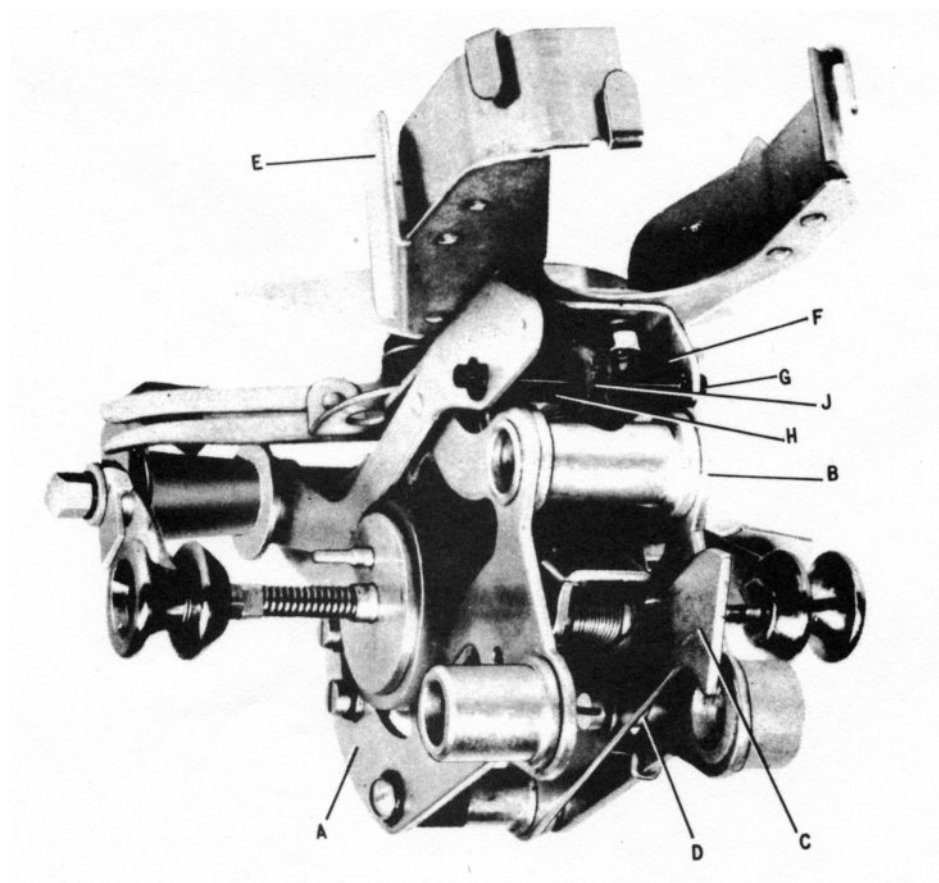


FIG. L.39 RIBBON UNIT

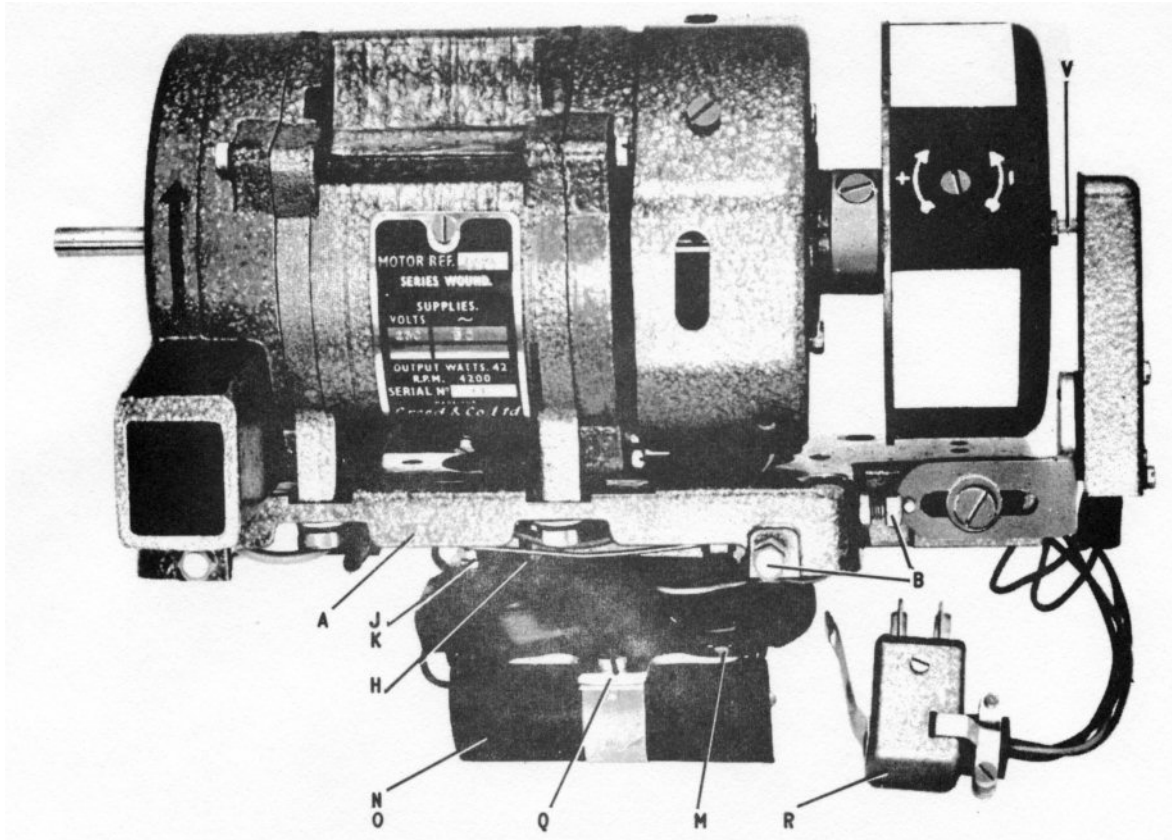


FIG.L.40 GOVERNED MOTOR UNIT (TOP VIEW)

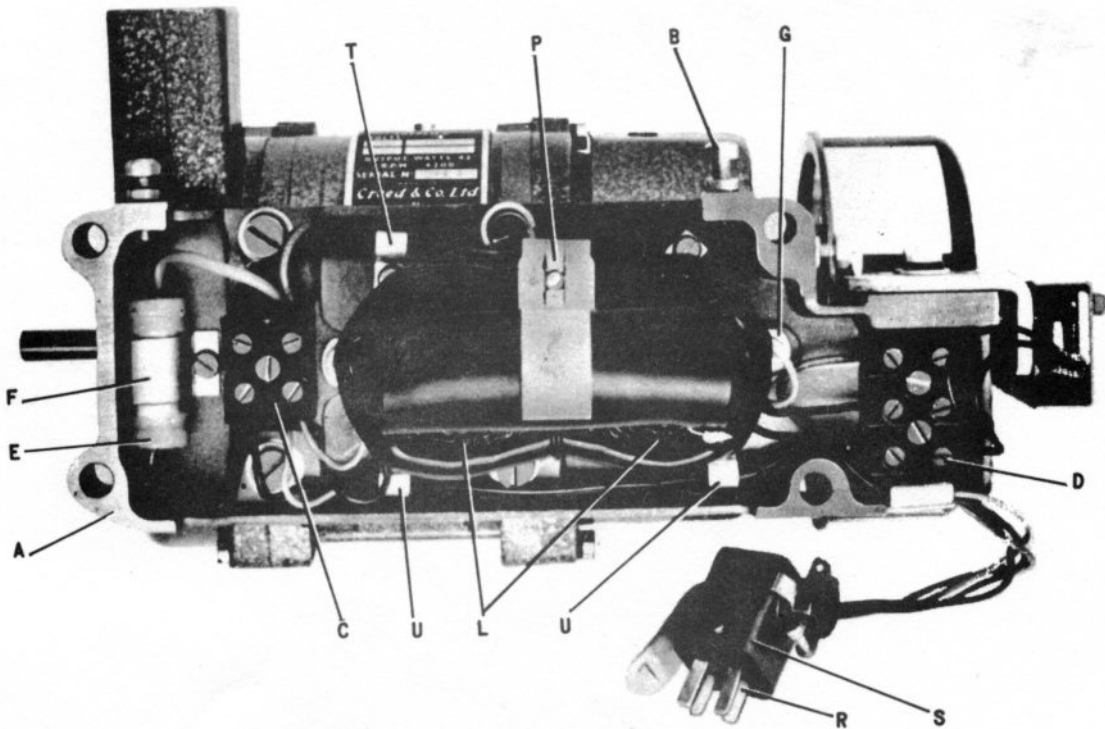


FIG.L.41 GOVERNED MOTOR UNIT (UNDERSIDE VIEW)

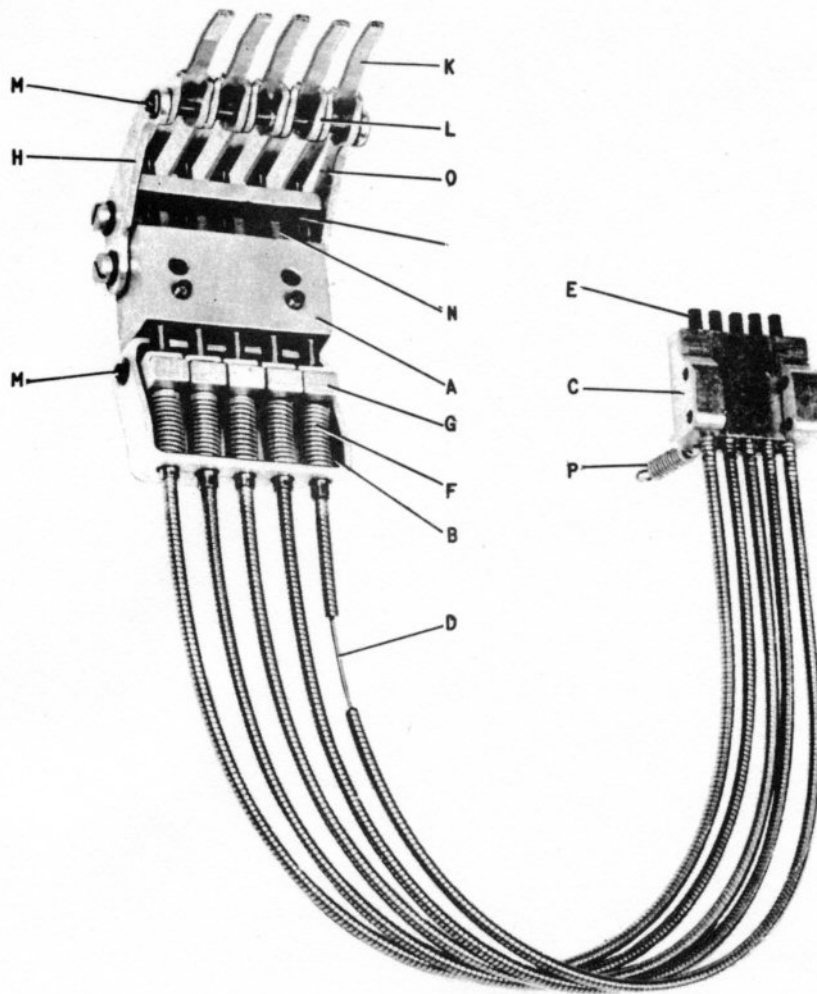


FIG. L.42 SELECTOR CABLES UNIT

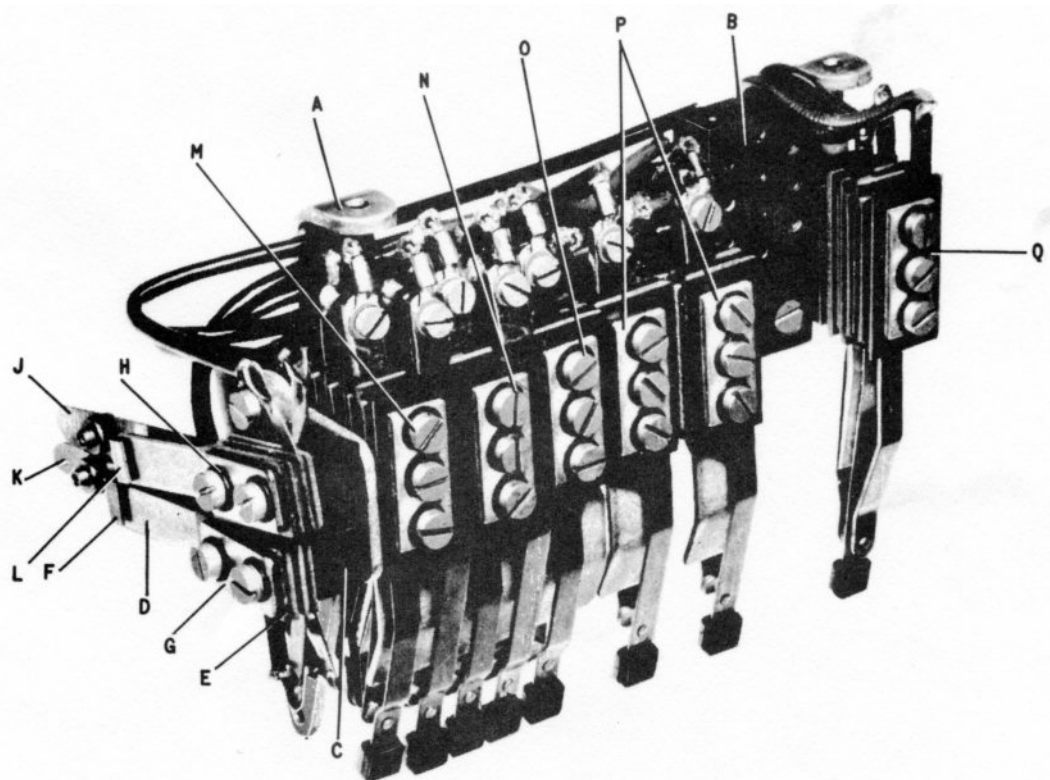


FIG. L.43 TRANSMITTER UNIT
- L92 -

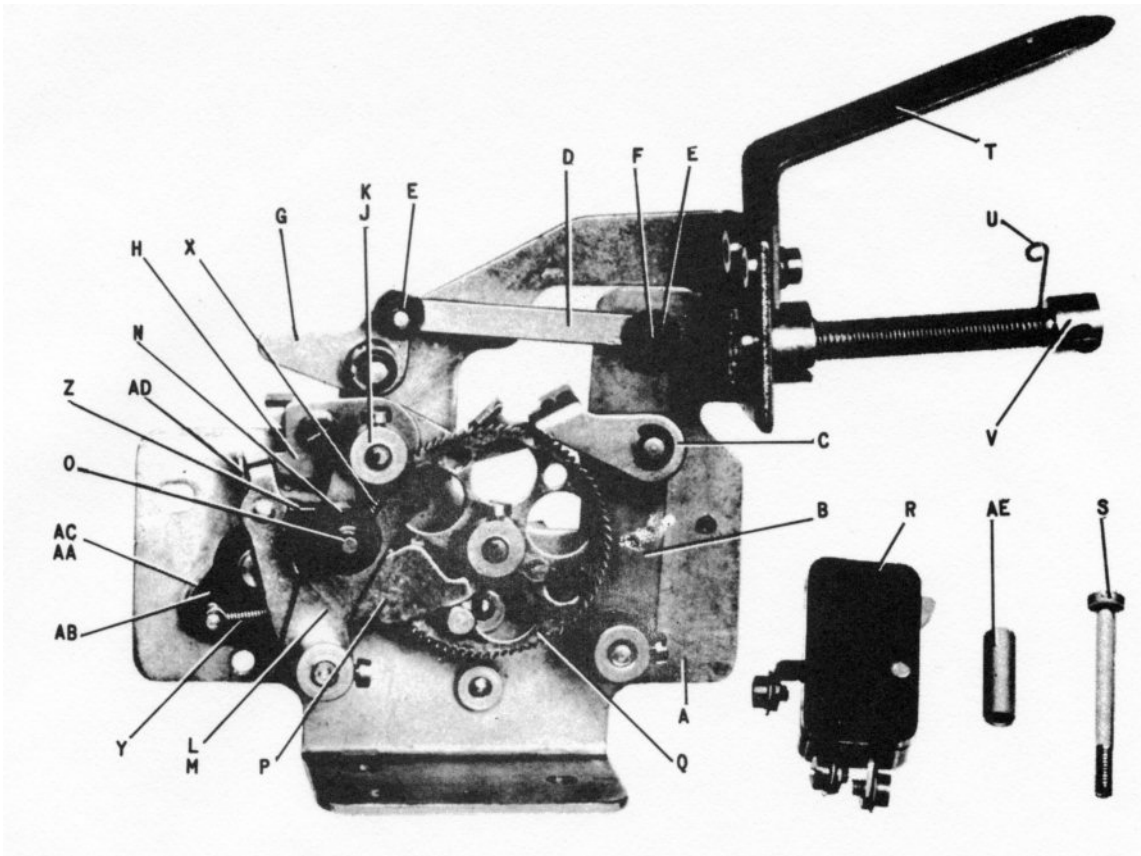


FIG. L. 44 TRUE CHARACTER COUNTER (FRONT VIEW)

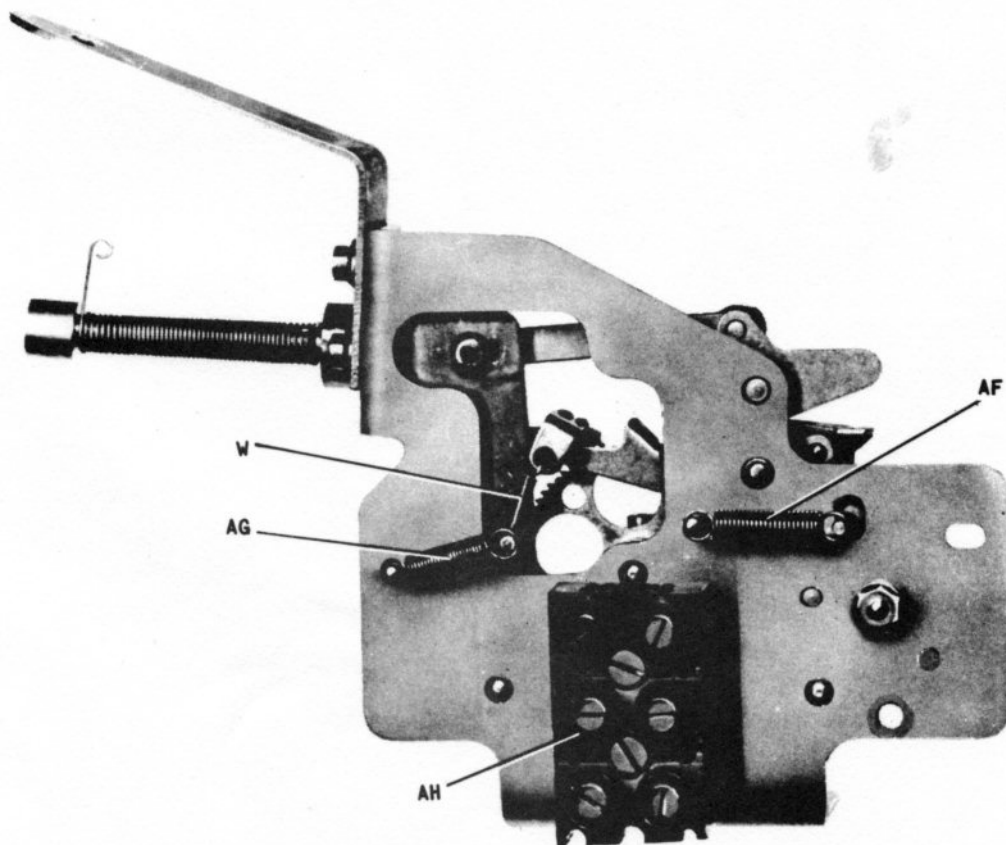


FIG. L. 45 TRUE CHARACTER COUNTER (REAR VIEW)

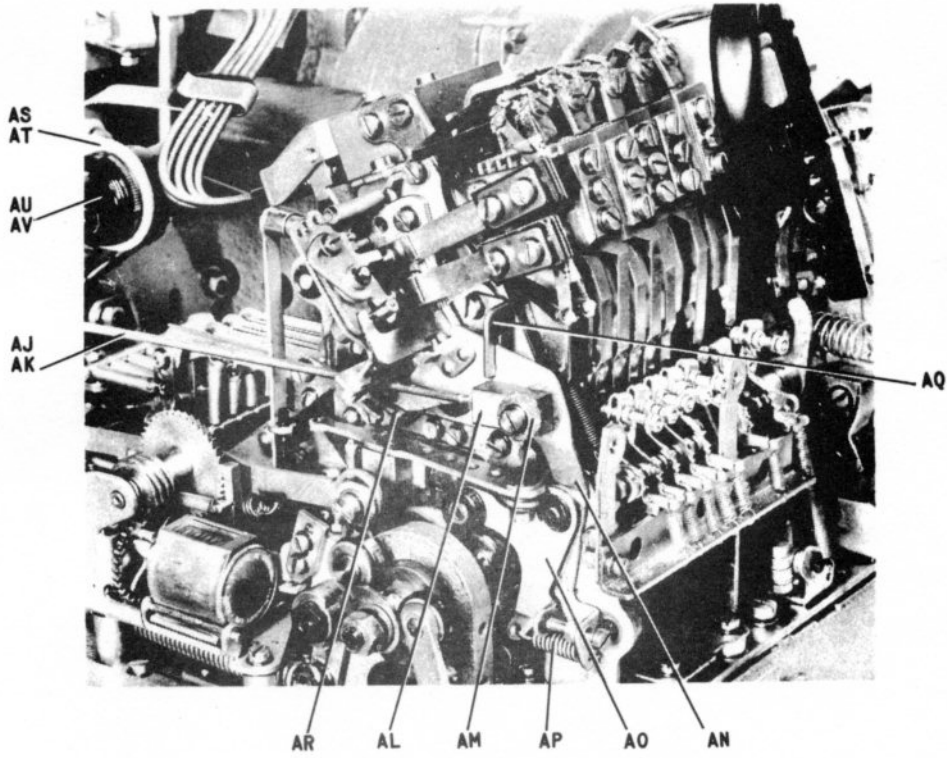


FIG.L.46 TRUE CHARACTER COUNTER
(ADDITIONAL PARTS FITTED TO TRANSLATOR UNIT)

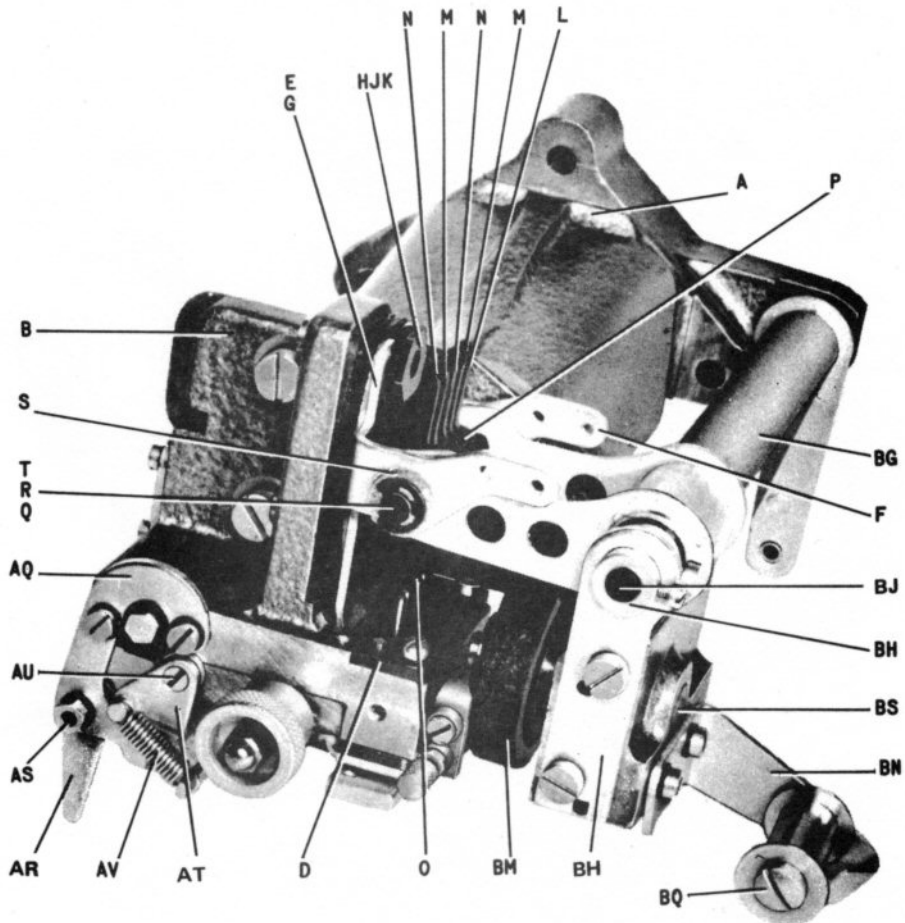


FIG.L.47 REPERFORATING UNIT
- L94 -

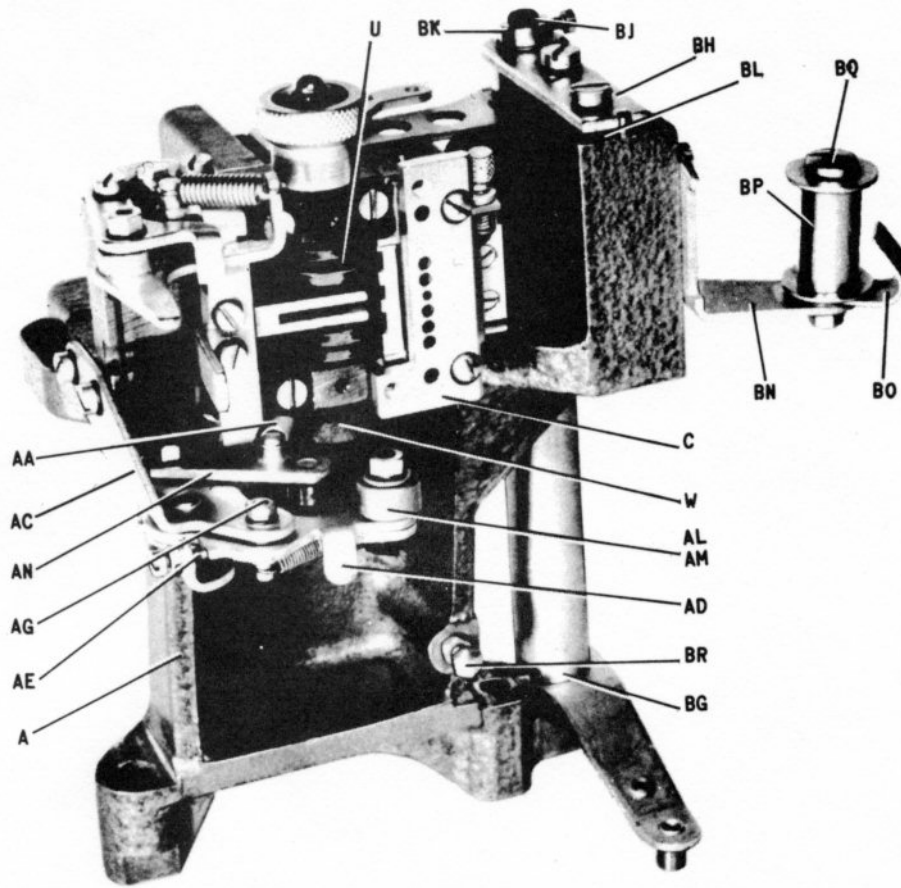


FIG. L.48 REPERFORATING UNIT

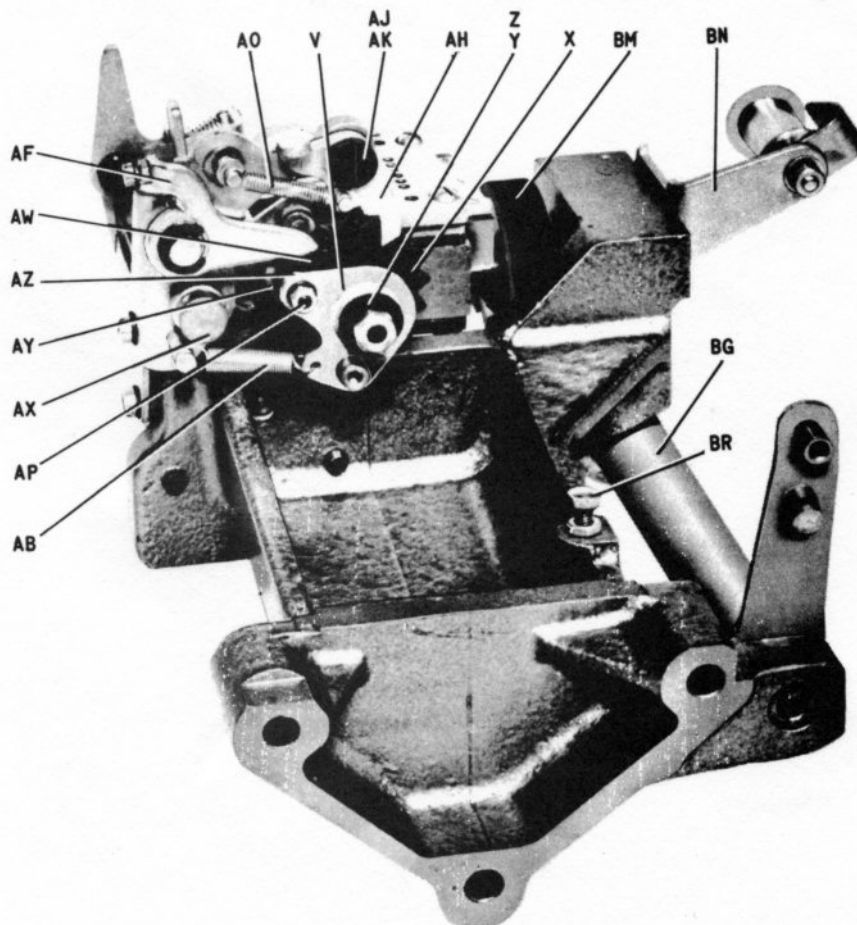


FIG. L.49 REPERFORATING UNIT
- L95 -

APPENDIX L

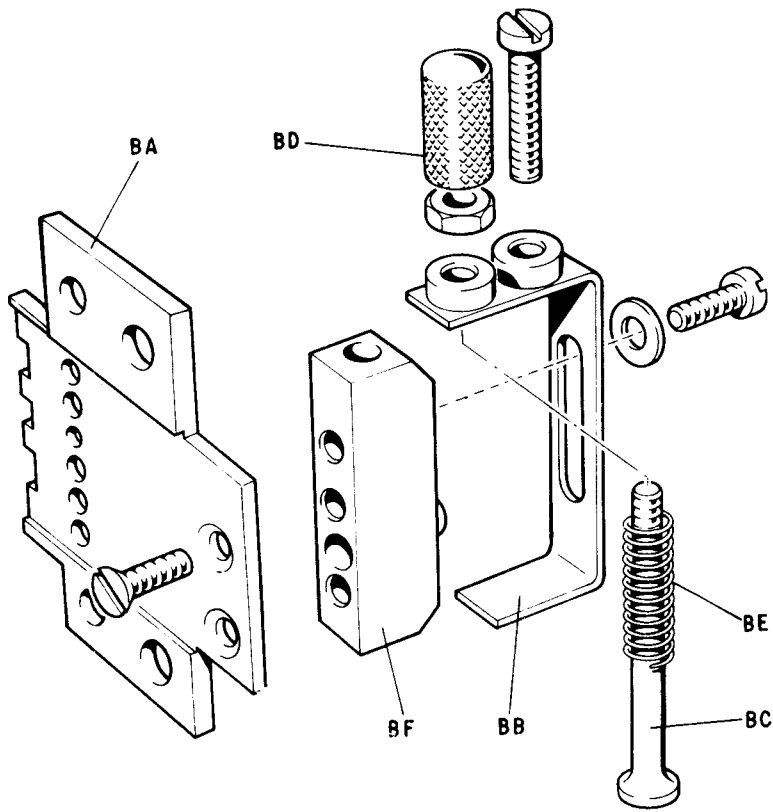


FIG. L. 50 TAPE GUIDE ASSEMBLY

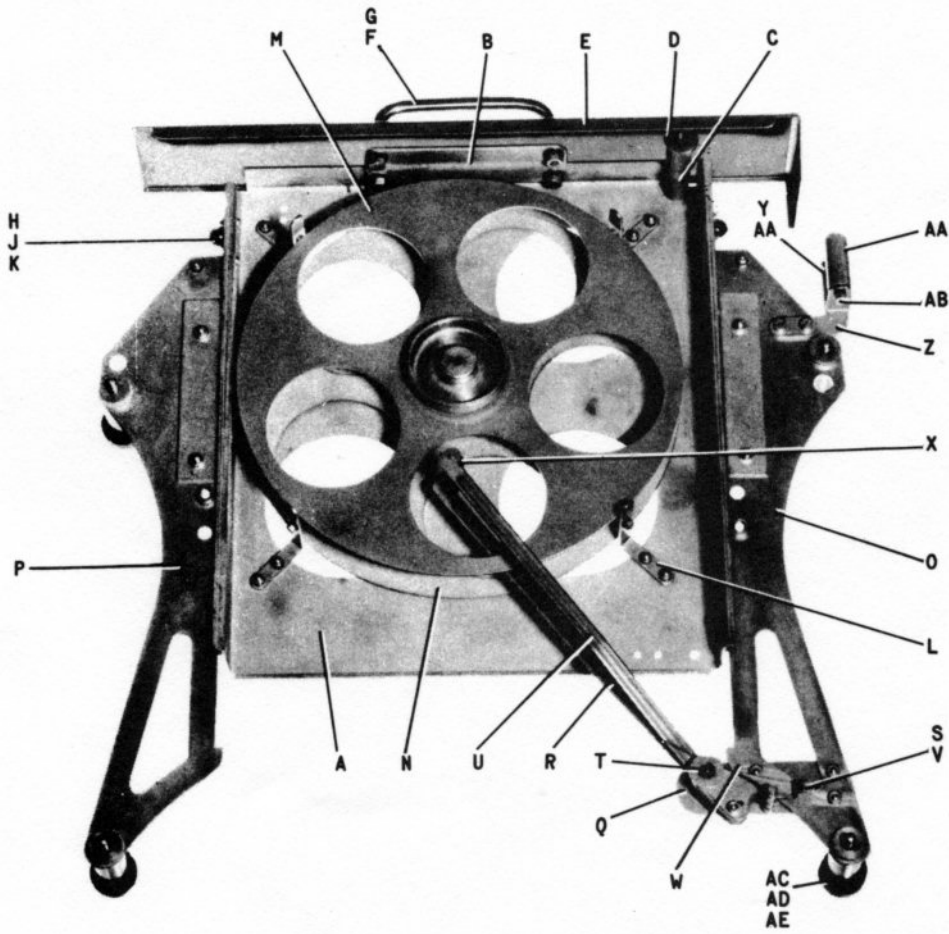


FIG. L. 51 TAPE DRAWER ASSEMBLY

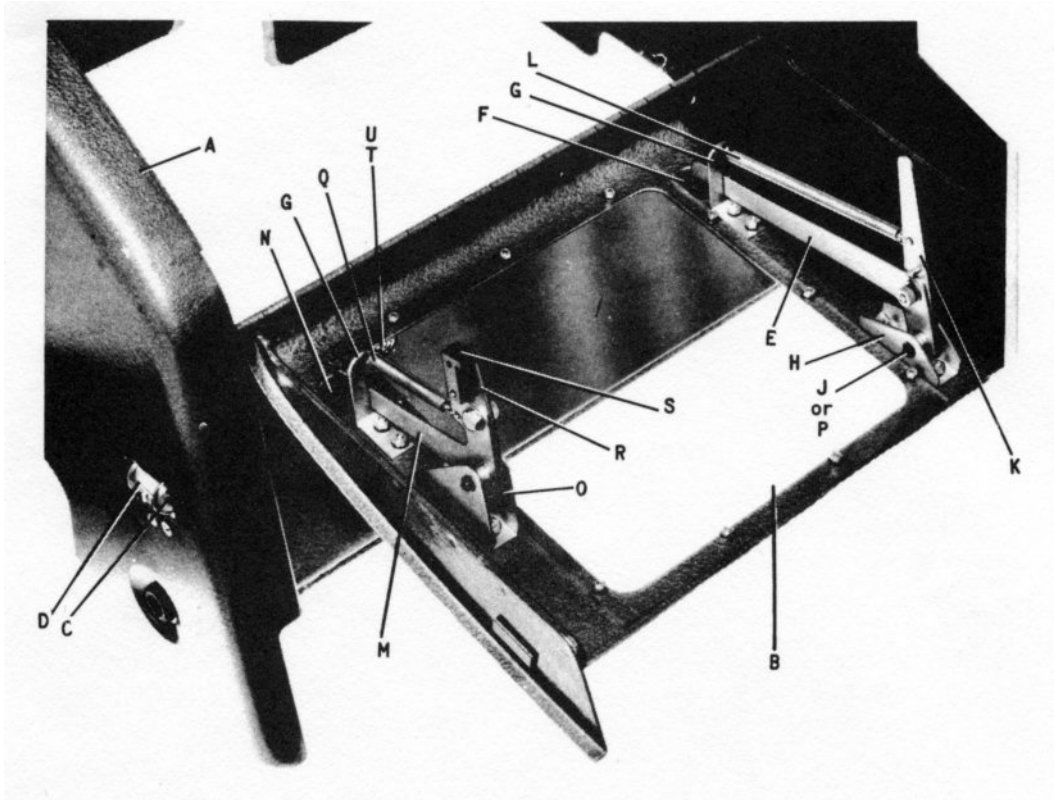


FIG. L.52 COVER UNIT