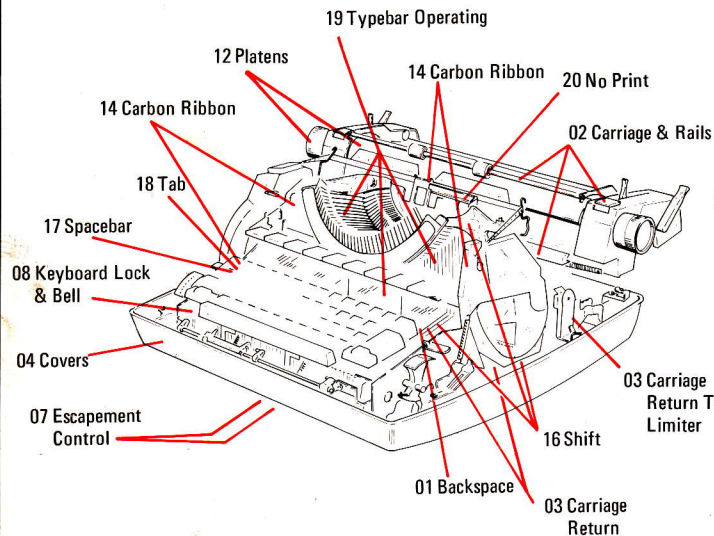
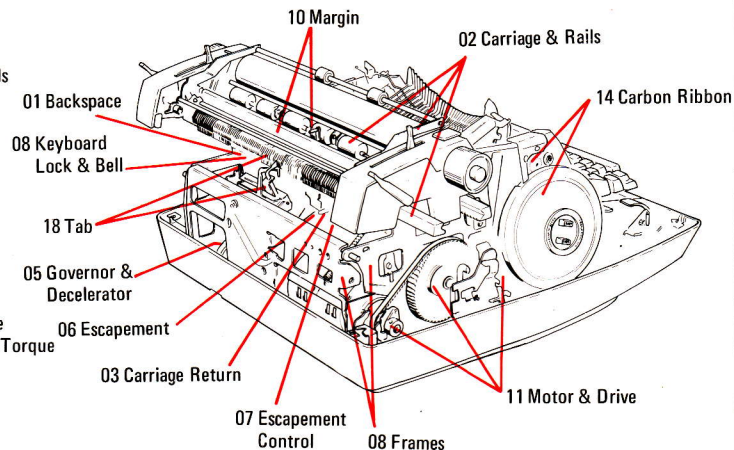




(Front View)

Fabric Ribbon 13
Dual Ribbon 15



(Rear View)

IBM MODEL C & MODEL D TYPEWRITERS

CONTENTS (Alphabetical)

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01 .. 45		.Backspace (C4-D4)	127	19
02 .. 46		.Carriage & Rails	6	3
03 .. 48		.Carriage Return & Index	76	13
04 .. 49		.Covers	267	36
06 .. 51		.Escapement (C1-D1)	23	5
06 .. 52		.Escapement (C4-D4)	30	6
07 .. 52		.Escapement Control (C4-D4)		
08 .. 53		.Frames		
05 .. 51		.Governor, Decelerator & Mainspring	15	5
09 .. 53		.Keyboard Lock & Bell	240	33
10 .. 54		.Margin, Linelock & Bell	240	33
11 .. 54		.Motor & Drive	1	3
		.Motor Circuits U.S. & W.T.	327	44
20 .. 68		.No Print	263	36
65 .. 85		.Packing Supplies & Instructions		
		.Paper Feed, Guides & Platen	231	32
		.Pawl Release & Grouping	52	9
12 .. 57		.Platen		
02 .. 46		.Repositioning Indicator	248	34
14 .. 59		.Ribbon (Carbon)	153	23
15 .. 62		.Ribbon (Dual)	218	30
13 .. 58		.Ribbon (Fabric)	177	26
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PARTS			ADJUSTMENTS	
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SPECIAL MACHINES AND ATTACHMENTS				
34 .. 74		.Braille Typewriter		
40 .. 76		.Card Holding Platen		
43 .. 78		.Card Positioning Platen		
41 .. 77		.Checkwriter		
30 .. 69		.Decimal Tabulation	276	37
46 .. 78		.Formcarrier		
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CHARTS				
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12 .. 88		.Platen Indexing Chart		
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GENERAL INFORMATION				
12 .. 90		.Call Prevention Procedure		
		.Cause Of Failure Codes		
		.Introduction		2

INTRODUCTION

This manual is written for both US and World Trade usage. It contains an adjustment section and a parts manual section for the following products:

PRODUCT NAME	ID CODE	PROD. CODE
Model C Typewriter	C1	13
Model C "Executive" Typewriter	C4	13
Model D Typewriter	D1	15
Model D "Executive" Typewriter	D4	15

ADJUSTMENT SECTION

Purpose

This section provides experienced service personnel with a reference for the most commonly used adjustments. Refer to other product service publications if additional information is needed.

Adjustment Identification

The headline of each page shows the product name, identification code, product code and the name of the mechanism covered on that page. Each adjustment is indicated by a black frame number in the top left corner, followed by the adjustment name and mechanism code/reference number. If one frame covers adjustments for more than one product or product level, they are indicated by the identification code and/or the level number. The machine mode, the view of the drawing and safety precautions are also noted when required.

Adjustment Sequence

The frame numbers indicate the sequence of adjustments. One adjustment could affect a following adjustment. Therefore, check all the following adjustments in that mechanism. A red vertical line indicates the end of the mechanism.

Red numbers on the bottom left corner of the frame indicate adjustments out of sequence that could be affected and should be checked.

Adjustment Procedure

The part to be adjusted is colored red and a red arrows shows the direction of movement. Tolerances and/or additional information how to perform the adjustment are shown when required.

Always use the adjustment tolerance shown in the publication with the latest date.

Call Reporting (US Only)

Use the mechanism codes/reference numbers shown after the frame number and frame name for call reporting. The reference number is not always the number of the part that is colored red.

PARTS MANUAL SECTION

Introduction

This section contains parts drawings of mechanisms, reference numbers and other special information. It must be used with a separate part number/price list manual which contains reference numbers, part numbers, part descriptions and prices.

Mechanism Identification

The headline of each page shows the product name, identification code and product code covered on that page. The headline of each frame (two frames per page) shows the mechanism name and the mechanism code covered in that frame. Some frames will show a model identification code after the mechanism name. Some mechanisms require more than one frame. However, each mechanism consists of a group of parts that work together to perform a function.

Part Identification

Red numbers indicate the reference number of a part, a bill of material (B/M) or an assembly.

Red blocks within a frame indicate either one, or a combination of more than one of the following:

- Differences between the models (C1, C4, D1, D4).
- Different levels within the same model, mode or size (level 1, level 2, etc.).
- Field replacement parts.
- Bill of material (B/M) or assemblies (shown with a description — parts shown in the drawing).
- World Trade applications or differences.

If different level(s) exist, which can be used for all models, modes or sizes, only the newest level is shown in the drawing. However, the part number/price list manual will show all level parts.

Some parts are shown for assembly purposes only and do not show a reference number. Replace these parts by ordering either the assembly or a later level part.

Parts Ordering

Locate the mechanism in which the part functions by using the contents page. Note the mechanism code, find the part in the drawing and note the reference number. Use this mechanism code/reference number to locate the part number and price in the part number/price list manual.

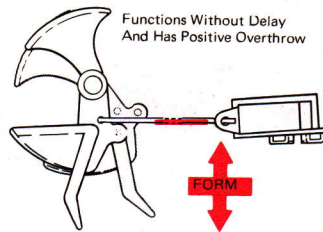
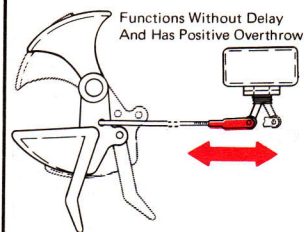
World Trade should use the country's procedures to find the prices.

Features and devices (MESs) or specification changes (SERs) wished by the customer must be ordered through CE management and branch office sales.

Replacement parts for features, devices and SERs not shown in the parts catalog must also be ordered through CE management and branch office sales.

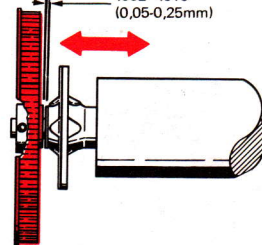
1 On-Off Switch Link (11-117)

(11-122)



2 Power Roll End Play (11-035)

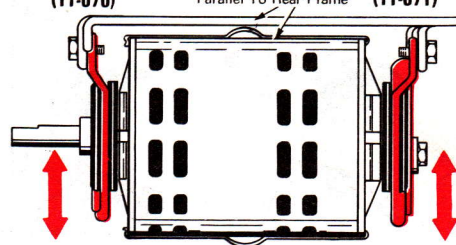
.002"-.010"
(0,05-0,25mm)



3 Motor Mounts, Ring Type

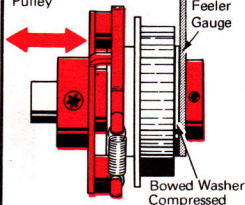
(11-070)

Parallel To Rear Frame (11-071)



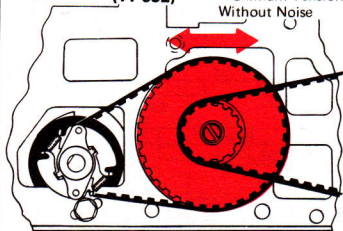
4 Motor Clutch Hub and Motor Clutch Collar (11-097)

Tracks Evenly On Motor
Pulley & Intermediate
Pulley



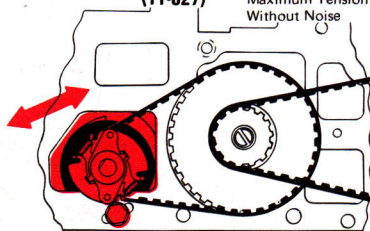
5 Driven Belt & Driven Belt Tension (11-032)

Maximum Tension
Without Noise



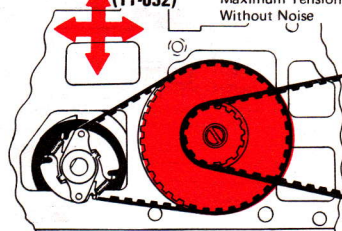
(11-027)

Maximum Tension
Without Noise



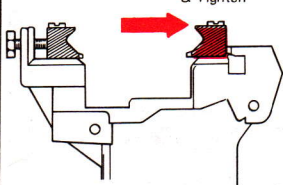
(11-032)

Maximum Tension
Without Noise

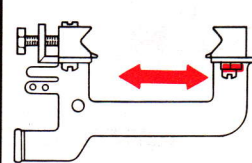


6 Front Rail (02-073)

Move To Front
& Tighten



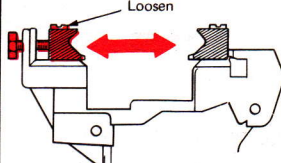
7 Rail Support Eccentrics (02-074)



Carriage At Each End
Remove Front To Rear Motion

8 Rear Rail Adjusting Screw (02-091)

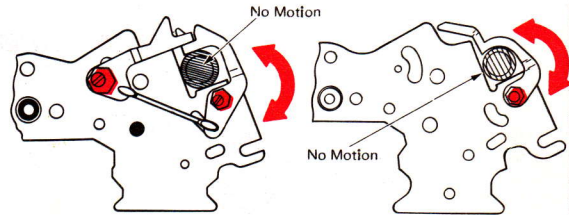
Loosen



Carriage Centered
Remove Front To Rear Motion

9 Platen Latch Lever Eccentric and Platen Latch Eccentric (02-372) (02-119) (02-122)

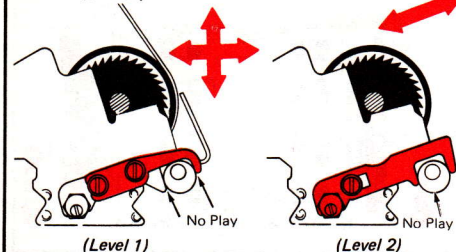
No Motion



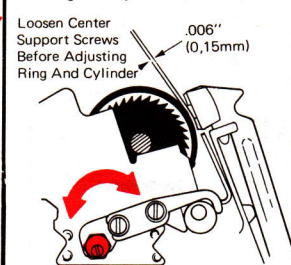
(Level 1)

(Level 2)

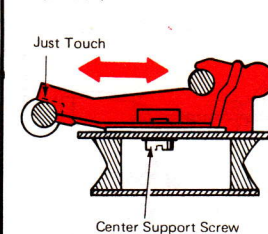
10 Platen Retaining Plate (02-127)



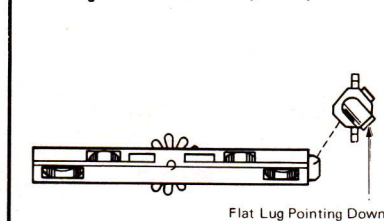
11 Ring and Cylinder (02-124)



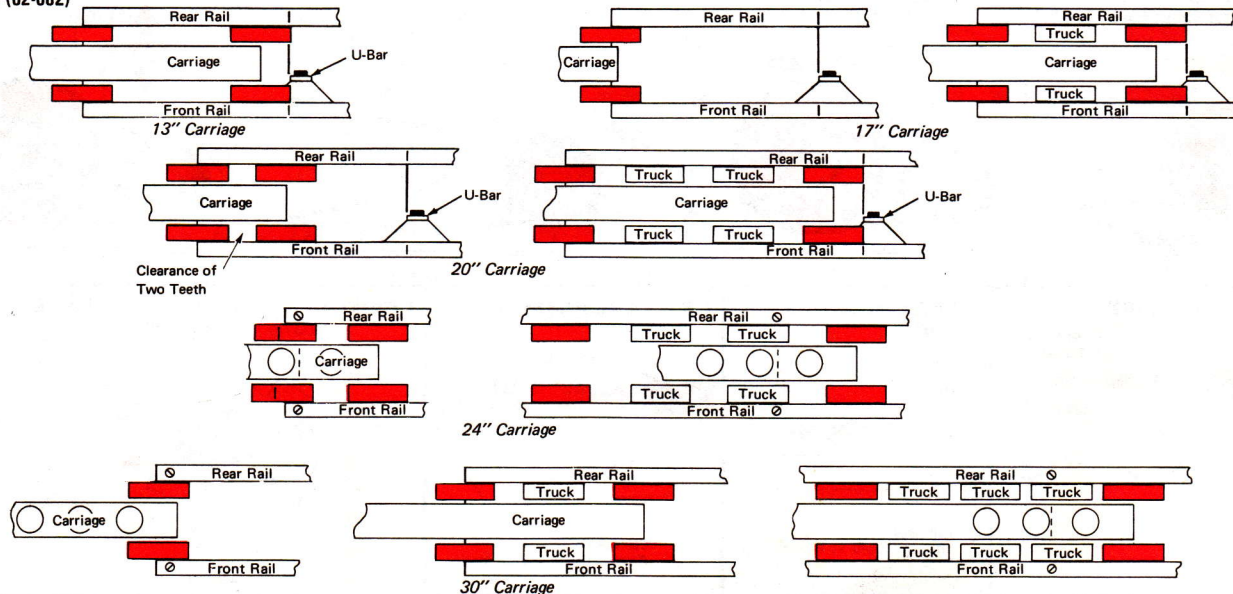
12 Feed Roll Center Supports (02-134)



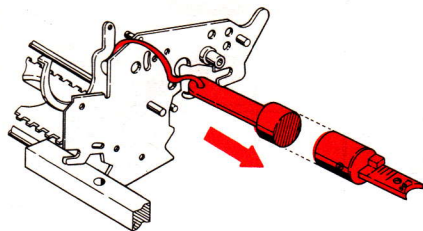
13 Carriage Truck Installation (02-082)



14 Truck Installation (02-082)



15 Mainspring Tension (05-025)



Carriage Pulled From Left To Right

13" Carriage — 3 To 3-1/4 Lbs. At Start To 4-1/4 Lbs. Maximum
1,36 — 1,47 Kg. 1,92 Kg.

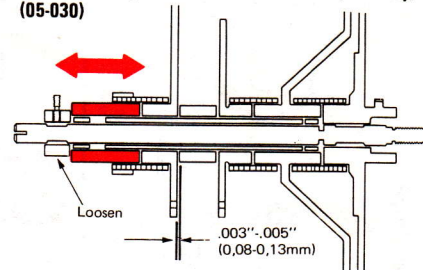
17" Carriage — 3 To 3-1/4 Lbs. At Start To 4-1/4 Lbs. Maximum
1,36 — 1,47 Kg. 1,92 Kg.

20" Carriage — 3-1/2 To 4 Lbs. At Start To 4-1/4 Lbs. Maximum
1,58 — 1,81 Kg. 1,92 Kg.

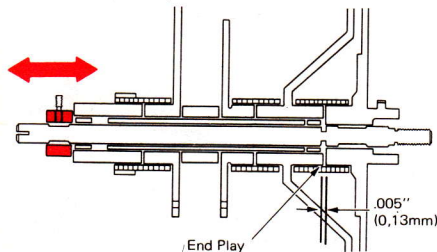
24" Carriage — 3-3/4 To 4-1/4 Lbs. At Start To 4-3/4 Lbs. Maximum
1,70 — 1,92 Kg. 2,43 Kg.

30" Carriage — 3-3/4 To 4-1/4 Lbs. At Start To 4-3/4 Lbs. Maximum
1,70 — 1,92 Kg. 2,43 Kg.

16 Tab and Carriage Return Decelerator Arm (End Play) (05-030)

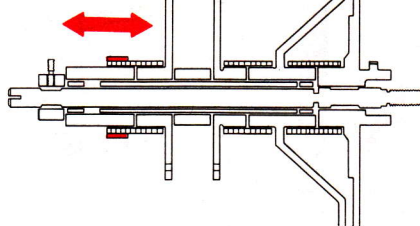


17 End Collar (05-028)

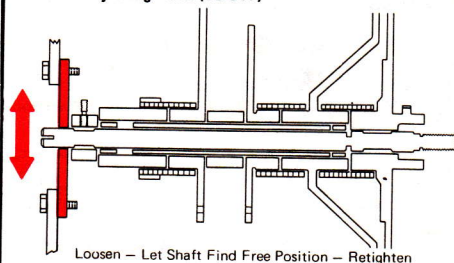


18 Clamp (05-031)

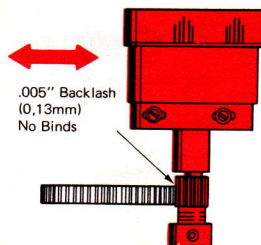
Move To Position That Gives Maximum Deceleration.



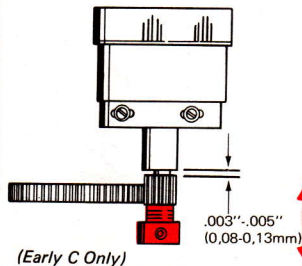
19 Rear Adjusting Plate (05-017)



20 Pinion Gear Mesh (05-006)



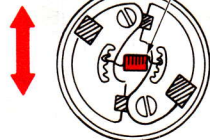
21 Pinion Gear Collar (05-003)



(Early C Only)

22 Carriage Tabulation Speed (05-015)

Change Spring Holes

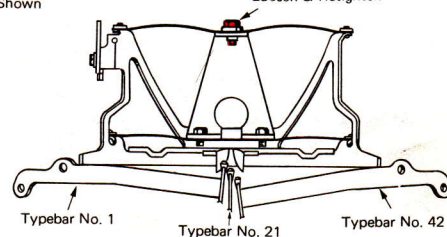


Tab Speed = Carriage Return Speed

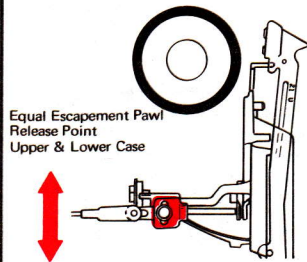
23 U-Bar (Equal Tripping Point, Left, Center and Right) (06-001)

Place Type Bars As Shown

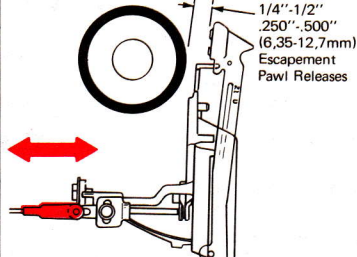
Loosen & Retighten



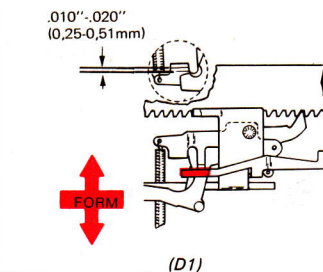
24 U-Bar Adjusting Plate (06-008)



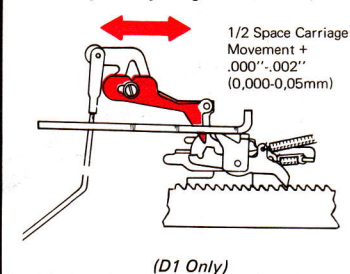
25 Trip Link (06-012)



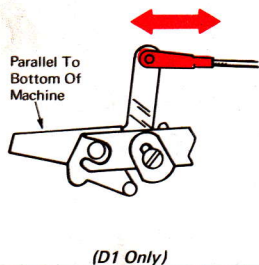
26 Spring Anchor Extension (06-304)



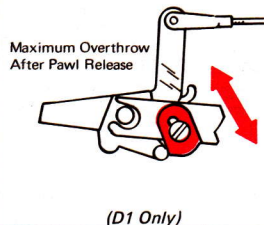
27 Half-Space Adjusting Lever (06-303)



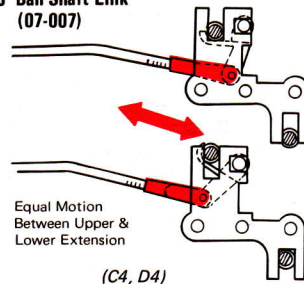
28 Half-Space Operating Link (06-308)



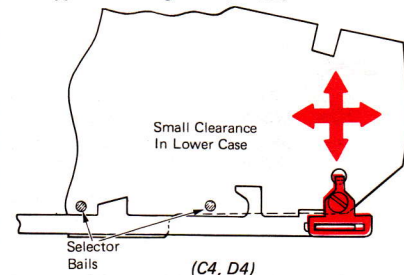
29 Half-Space Flipper Button Stop (19-312)



30 Bail Shaft Link (07-007)

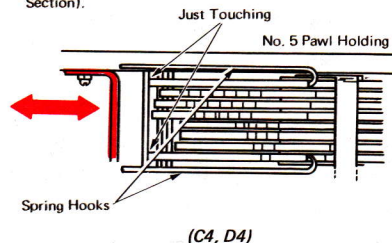


31 Support Mounting Plates (07-005)

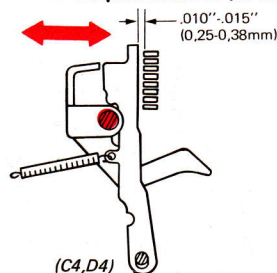


32 Interposer Verticalness (D4-07-215) (C4-07-062)

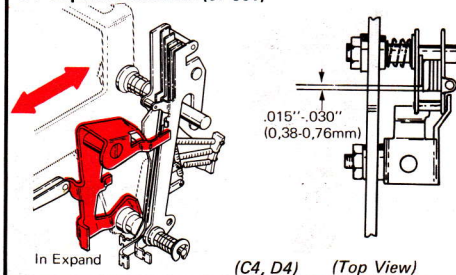
Note: Check Pawl Block Tilt Adj. (See C4-D4 Backspace Section).

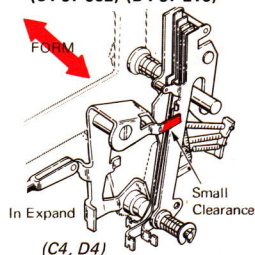
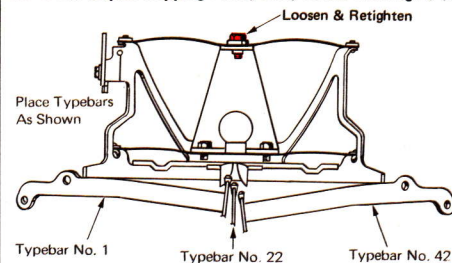
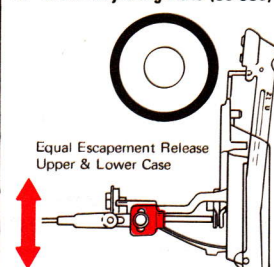
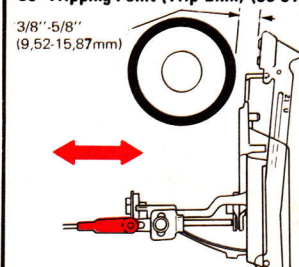
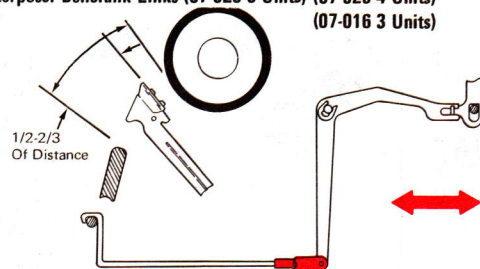
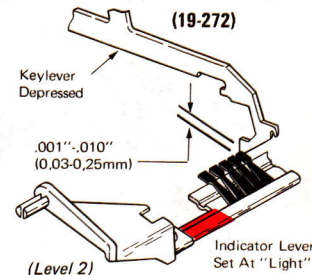
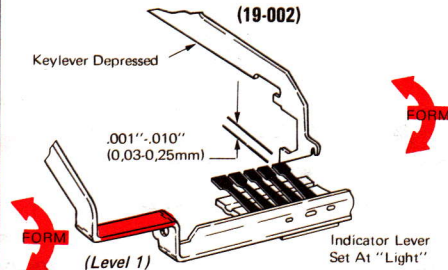
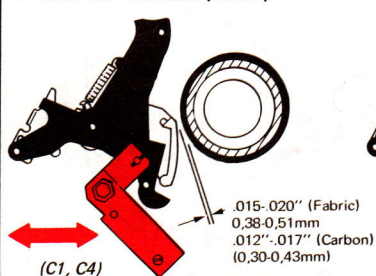
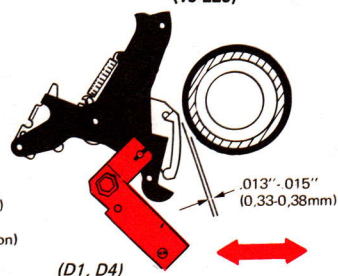
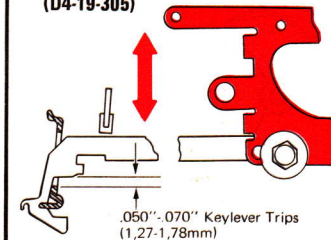
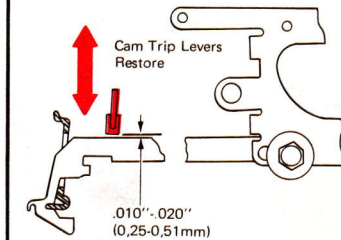


33 Pawl Tail To Interposer Clearance (06-086)

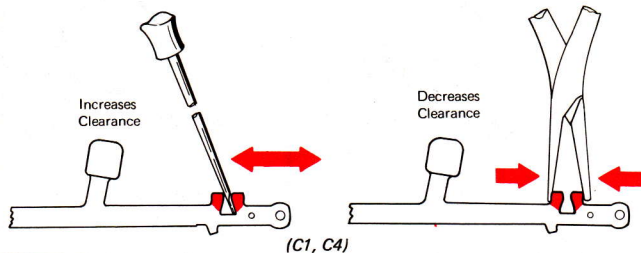


34 Expander Bellcrank (07-051)

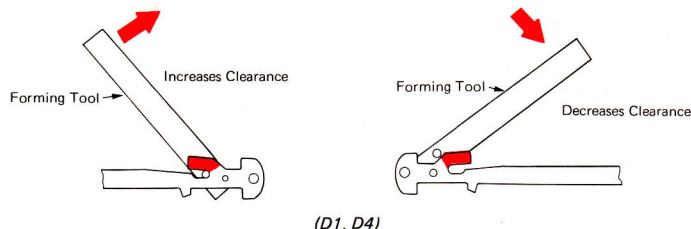


**35 Expand Bellcrank Arm
(C4-07-052) (D4-07-210)**

36 U-Bar (Equal Tripping Point, Left, Center and Right) (06-001)

37 U-Bar Adjusting Plate (06-008)

38 Tripping Point (Trip Link) (06-012)

**39 Interposer Bellcrank Links (07-026 5 Units) (07-025 4 Units)
(07-016 3 Units)**

40 Spring Finger Resilient Keyboard (19-002)

41 Letter Cam Clearance (19-049)

(19-229)

**42 Keylever Bearing Support (C4-19-069)
(D4-19-305)**

43 Keylever Upstop (19-346)


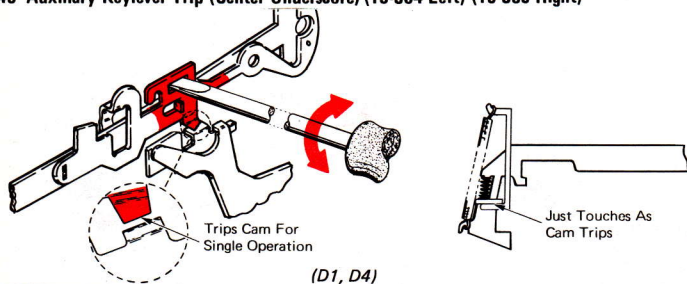
44 Individual Keylever Trip (C 19-015)



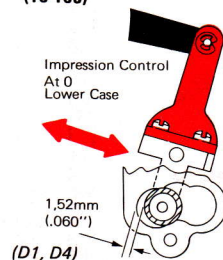
(D 19-329)



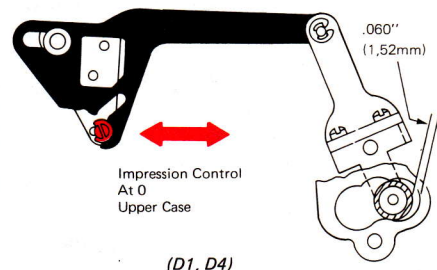
45 Auxiliary Keylever Trip (Center Underscore) (19-364 Left) (19-365 Right)



46 "T" Bar Adjusting Plate (16-160)



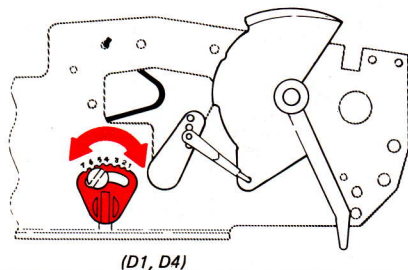
47 Drive Link Adjusting Screw (16-120)



48 Range Matching Plates (19-242)

Set To Specifications On Chart

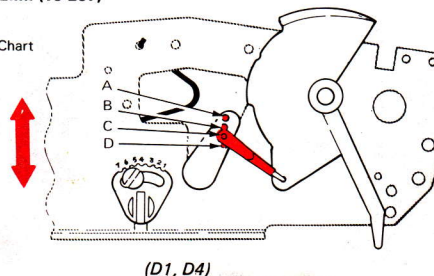
Affects Upper Case Impression Only



49 Impression Control Link (19-267)

Set To Specifications On Chart

Hole A Is Lowest Impression Range, Hole D Greatest Impression Range



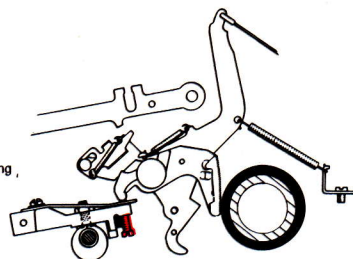
50 K.O. Specification Chart

DUAL K.O. SPECS BY TYPE STYLE							
		Carbon Ribbon		Fabric Ribbon		*Motor Pulley	
Type Code	Name	Imp. Con. Link Pos.	Range Match Pos.	Imp. Con. Link Pos.	Range Match Pos.	Carbon	Fabric
P	Pica	B	5	C	6	15	15
E	Elite	A	4	C	6	14	14
G	Pica Gothic (SC)	C	5	C	5	15	15
H	Pica Gothic	B	5	C	5	15	15
F	Elite Gothic (DC)	B	5	C	5	14	14
GE	Elite Gothic (SC)	C	5	D	5	14	14
L	Modern Gothic	C	5	D	5	15	15
XG	Med. Roman Gothic	D	5	D	5	15	15
B	Large Pica	B	5	C	6	15	15
PO	Bold Face No. 1	C	7	C	7	15	15
ME	Multigraph Elite	A	4	C	5	14	14
DC	Spec. Gothic	C	5	C	5	15	15
BA	Bookface Academic	B	7	C	7	15	15
BE	Cloister Elite	A	4	C	6	14	14
BM	Micro Elite	A	4	B	5	14	14
BP	Great Primer	C	6	C	6	15	15
PS	Secretarial	B	6	C	6	14	14
LE	Large Elite	B	4	C	6	14	14
PM	Ex. Modern	B	7	C	7	14	15
DB	Dual Basic	B	5	C	5	14	14
RG	Regent Gothic	B	5	C	5	14	14
PE	Ex. Documentary	B	7	D	7	14	15
FD	Micro Gothic (SC)	B	5	C	5	14	14
FF	Micro Gothic (DC)	A	5	B	5	14	14
LB	Large Bookface	D	7	D	7	15	15
PB	El. Gothic Bold	B	6	C	6	14	14
PG	Copperplate Gothic	A	7	B	7	15	15
PH	Ex. Text	A	5	D	5	14	14
M	Acctg. Gothic	C	5	D	5	15	15
AP	Pica No. 2	C	7	D	7	15	15
PF	Mid Century	C	7	D	7	15	15
PR	Ex. Charter	A	6	C	6	14	14
S	Siamese					World Trade	
FC	Micro Gothic Condensed	B	5	C	6	14	14
EH	Mercury Elite	B	5	C	6	14	14
OT	Bold Face No. 2	B	7	D	7	15	15
OT	Facsimile Goth. No. 2	C	5	D	5	15	15
PJ	Bold Face Italic No. 1	C	7	D	7	15	15
PT	Ex. Heritage	B	7	D	7	14	15
EC	Signer 11	B	5	C	6	14	14
PN	Ex. Registry	B	7	D	7	15	15
PK	Ex. Directory	D	7	D	7	15	15
B2	Diplomat	A	5	C	5	14	14
EF	Portfolio 11	B	4	C	6	14	14
PV	Ex. Testimonial	C	7	D	7	15	15
H2	Manifold "12"	C	5	D	5	14	14
H3	Manifold "10"	C	5	D	5	15	15
H4	Manifold "8"	D	5	D	5	15	15
H5	Manifold "8"	D	5	D	5	15	15
SE	Pres. Elite	B	5	B	6	14	14
SP	Pres. Pica	C	6	D	7	15	15
JM	Ex. Arcadia	C	7	D	7	14	15
FE	Corinthian Script	C	7	D	7	15	15
G2	Artisan 12	B	6	C	6	14	14
G3	Artisan 10	C	6	D	6	15	15
SM	Courier 10	B	5	D	6	15	15
JG	Copperplate No. 2	B	7	C	7	15	15
JE	Ex. Patron	B	7	D	7	15	15
P2	Pica (Opt. Sensing)	B	5	C	6	14	14
C5	Courier (Opt. Sensing)	C	5	C	5	15	15
VAS	1428 Alphameric	C	6	C	6	15	15
JN	Ex. Registry 2	C	7	D	7	15	15
E4	Elite	B	4	C	5	14	14
SR	Courier 12	C	6	C	6	14	14
PQ	Doric	B	7	D	7	14	15

*14 = 95 ft/min
15 = 103 ft/min

51 Impression (19-030)

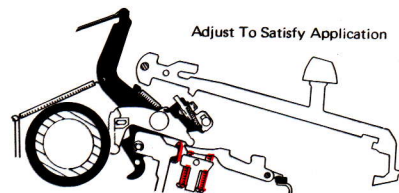
With Impression Control
On Position 4
Adjust Screws For Even
Impression Without Embossing



(C1, C4)

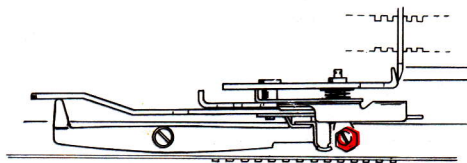
(19-230 Secondary) (19-247 Primary)

Adjust To Satisfy Application



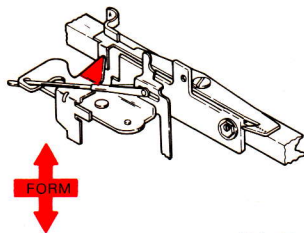
(D1, D4)

52 Tab Latch Eccentric (18-022)

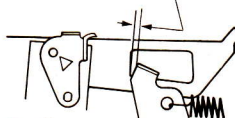
1/2-2/3
Overlap

Note: Eccentric High Point In Right Orbit.

(06-066)

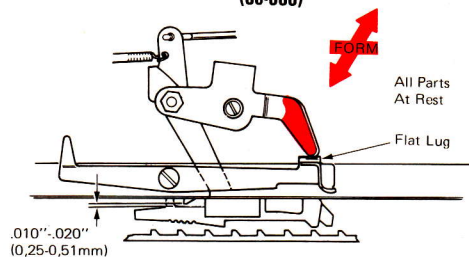


Holding on No. 2 Esc. Pawl .001"-.005"
(0,03-0,13mm)



Disconnect: Pawl Release,
Clutch Unlatch, Auto-Group,
and Aligning Links.

(D4—Simplified Pawl Block)



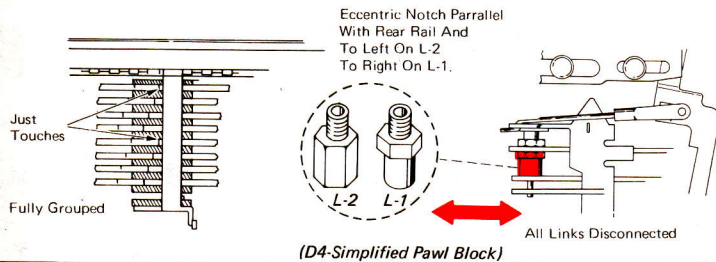
All Parts
At Rest

- Flat Lug

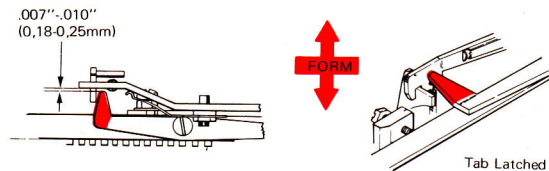
.010"-.020"
(0,25-0,51mm)

(C4, D4-Presimplified Pawl Block)

55 Pawl Release Lever Extension (02-025)



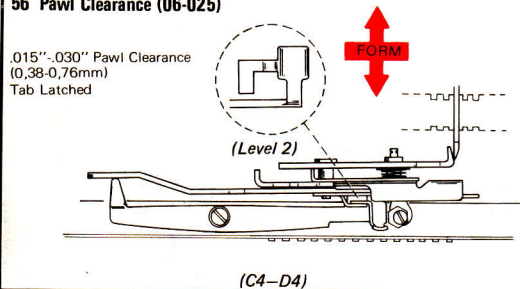
(D4-Simplified Pawl Block)



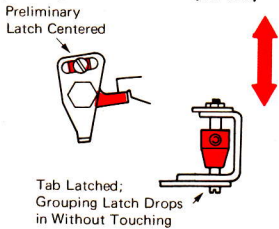
Tab Latched

(C4–Level 2–D4)

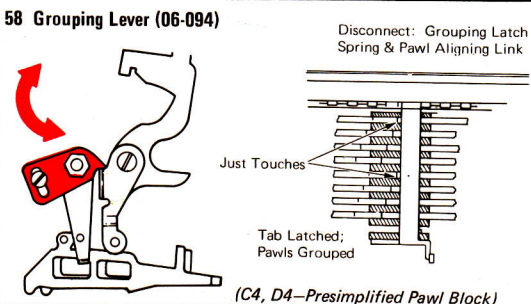
57 Grouping Cone (Preliminary)
(06-064) (06-103)



(C4-D4)



(C4, D4—Presimplified Pawl Block)



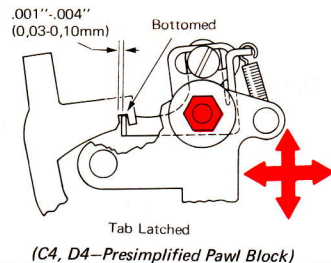
Disconnect: Grouping Latch

Just Touches

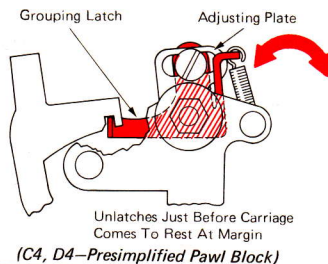
Tab Latched;
Pawls Grouped

(C4, D4—Presimplified Pawl Block)

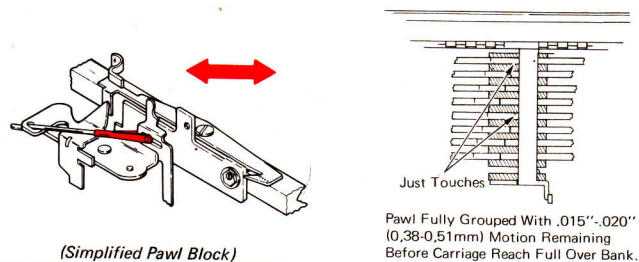
59 Grouping Latch Mounting Stud (06-100)



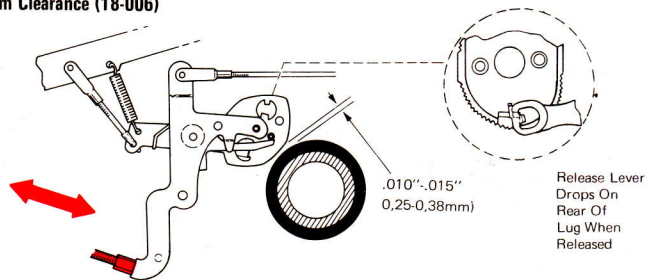
60 Grouping Latch Adjusting Plate (06-103)



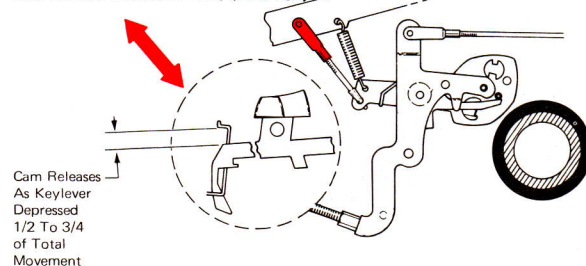
61 Automatic Grouping Link (06-337)



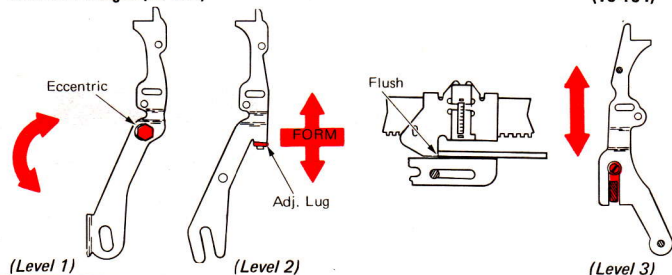
62 Cam Clearance (18-006)



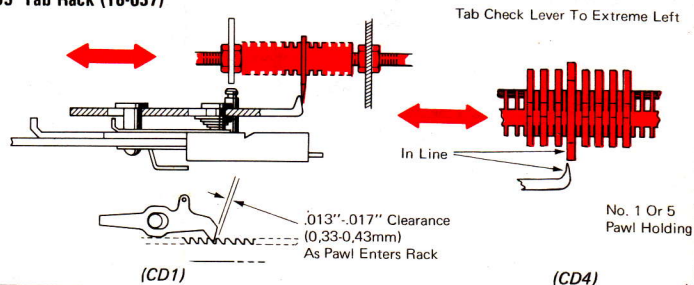
63 Cam Release Link (C18-008) (D18-102)



64 Tab Lever Height (18-014)



65 Tab Rack (18-037)

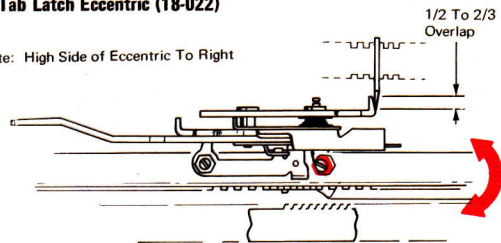


-12- TABULATION

MODEL C1-C4 [13], MODEL D1-D4 [15]

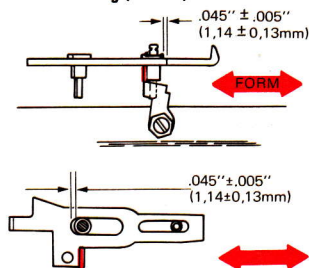
66 Tab Latch Eccentric (18-022)

Note: High Side of Eccentric To Right

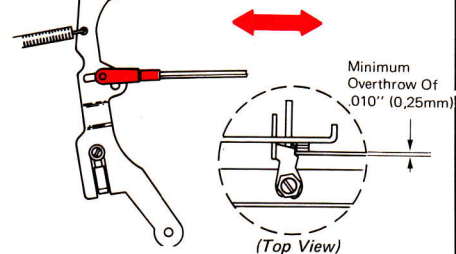


57, 58, 59, 60, & 61

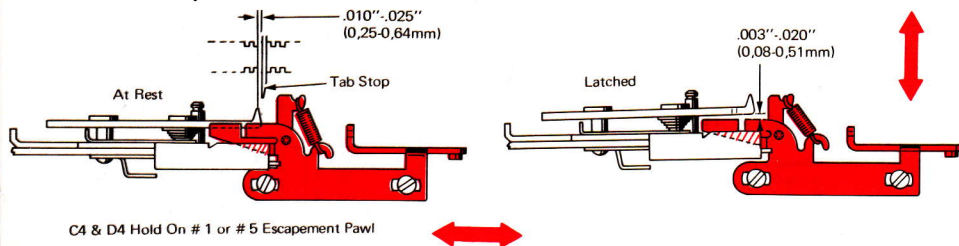
67 Tab Unlatching (18-020)



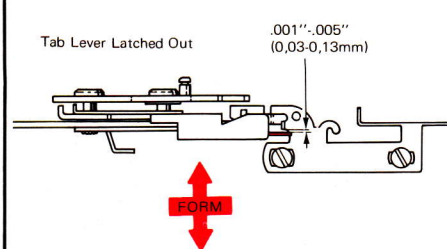
68 Operating Link (18-012)



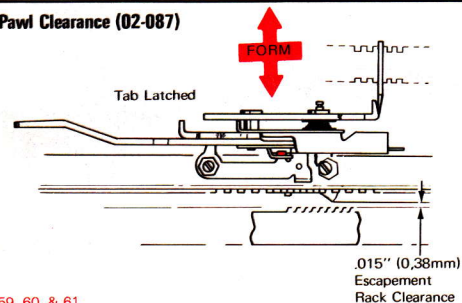
69 Tab Check Lever Keeper (C1&D1 18-027) (C4&D4 18-112)



70 Tab Lever Extension (C1&D1 18-060) (C4&D4 18-109)

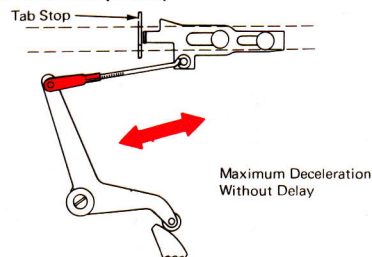


71 Pawl Clearance (02-087)

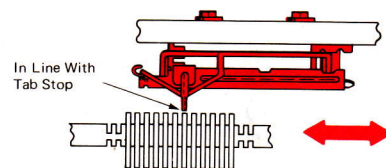


58, 59, 60, & 61

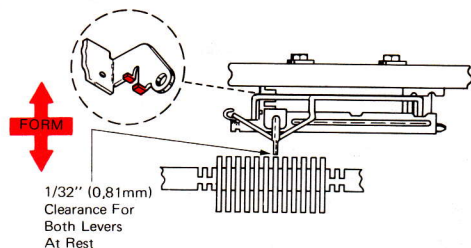
72 Decelerator Link (18-032)



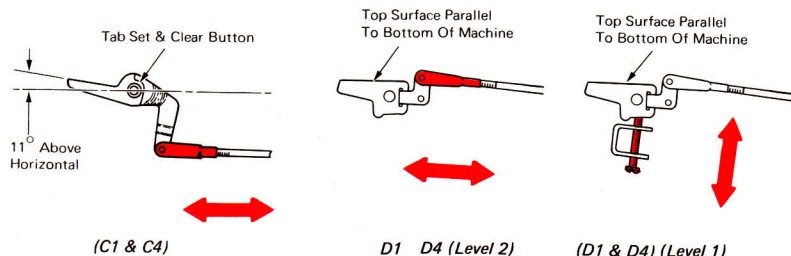
73 Tab Set & Clear Bracket (C1 & D1 18-066) (C4 & D4 18-081)



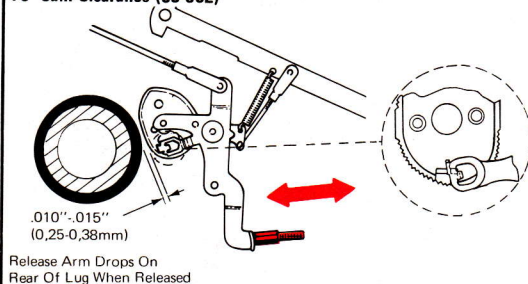
74 Tab Set & Clear Levers (C1 & D1 18-066) (C4 & D4 18-081)



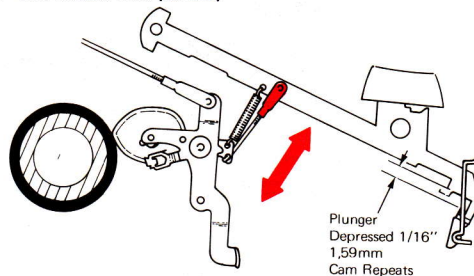
75 Tab Set & Clear Link Clevis (18-051)



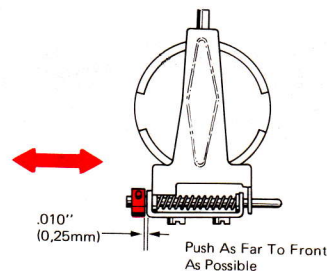
76 Cam Clearance (03-052)



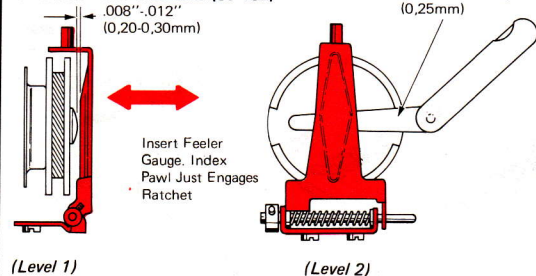
77 Cam Release Link (03-048)



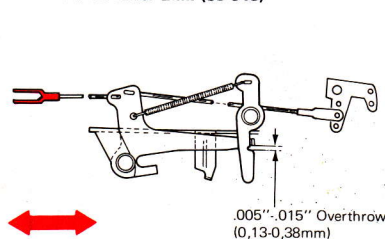
78 Clutch Lever Bolt Collar (03-125)



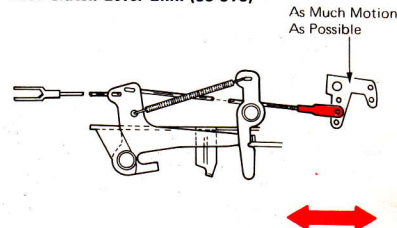
79 Clutch Plate Clearance (03-102)



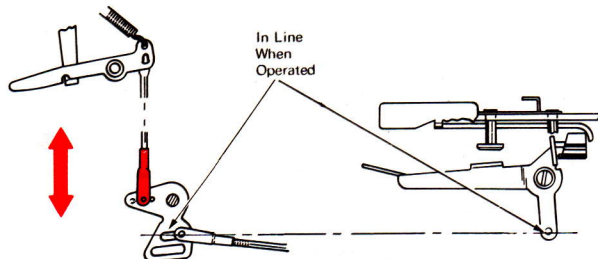
80 Front Clutch Lever Link (03-045)



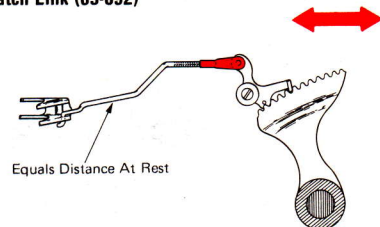
81 Rear Clutch Lever Link (03-015)



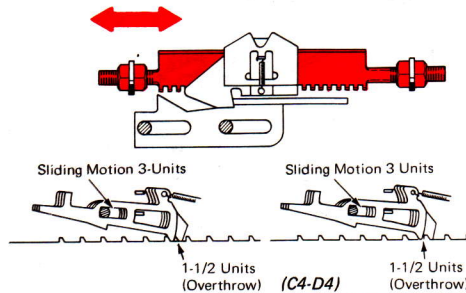
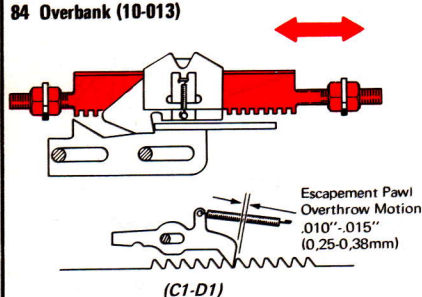
82 Clutch Latch Link (03-037)



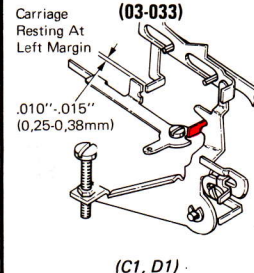
83 Decelerator Latch Link (03-092)



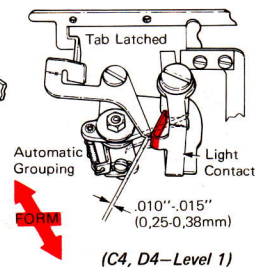
84 Overbank (10-013)



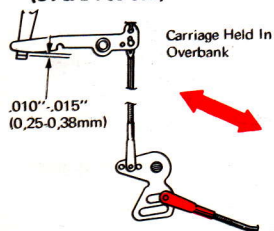
85 Carriage Return/Tab Interlock (03-033)



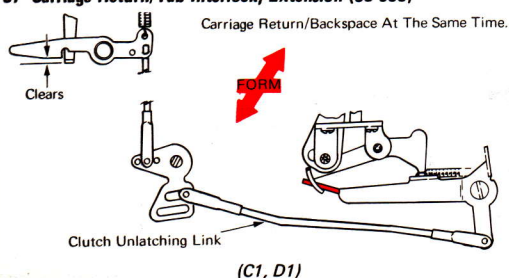
(06-078)



86 Clutch Unlatching Link (C1 & D1 03-034) (C4 & D4 03-082)

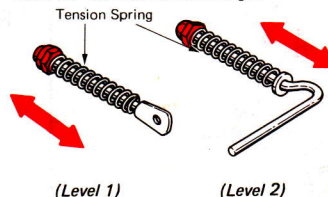


87 Carriage Return/Tab Interlock, Extension (03-033)



88 Clutch Tension Spring (03-009) (03-101)

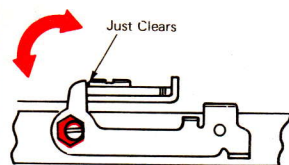
—With the line spacing lever in triple index position, adjust the tension nut for positive return 1½" from the left hand margin.



89 Intermediate Pawl Release Lever (03-042)



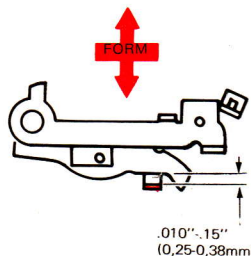
90 Pawl Release Lever Eccentric (02-087)



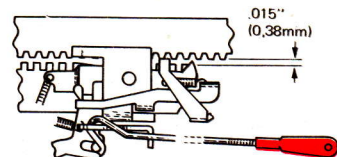
At Rest

(C1, D1)

91 Pawl Release Lever (02-087)

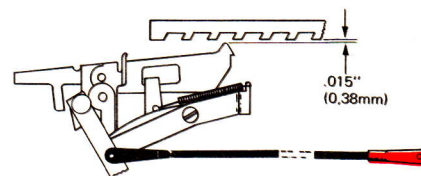
.010\"-.015\"
(0,25-0,38mm)

92 Pawl Clearance Link (03-036)



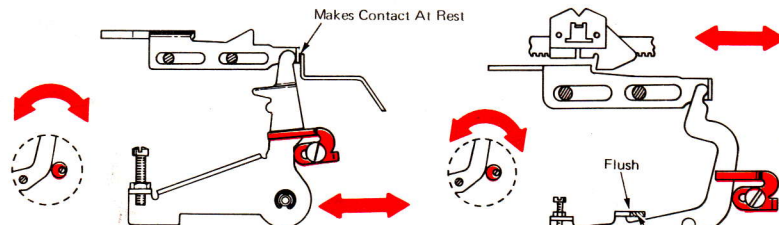
(C1, D1)

(03-088)



(C4, D4)

93 Margin Control Bellcrank Stop (03-069)



(C1, D1—Level 1)

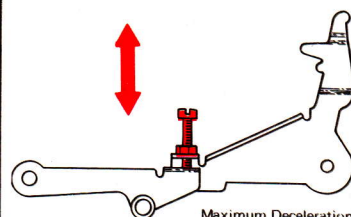
(C1, D1—Level 2)

(C4, D4—Level 1)

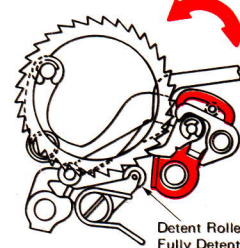
(C4, D4—Level 2)

Intermediate Pawl
Release Bellcrank

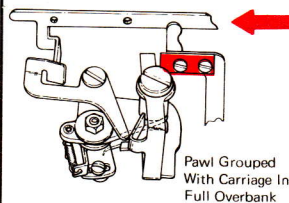
94 Decelerator Arm (03-030)

Maximum Deceleration
Without Delay

95 Lower Index Pawl Stop (02-051)

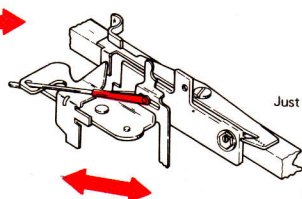
Detent Roller
Fully Detented

96 Margin Control Plate And Link (03-084)



(C4, D4—Level 1)

(06-337)

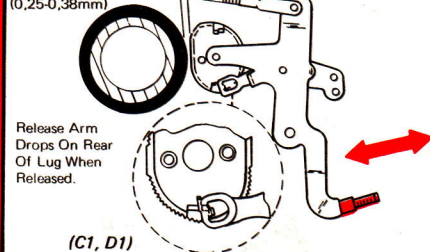


Just Touches

Fully Grouped In Overbank
Use Left Margin Not Side Frame

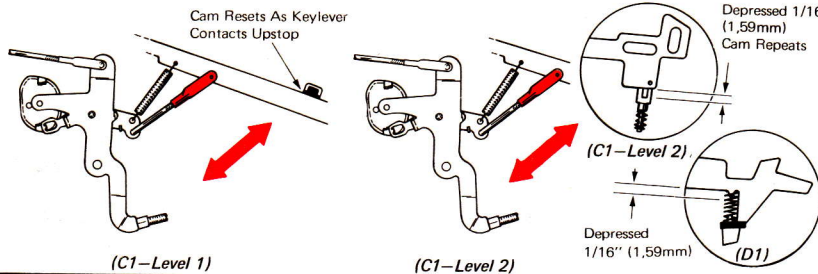
(D4—Simplified Pawl Block)

97 Cam Clearance (17-005)

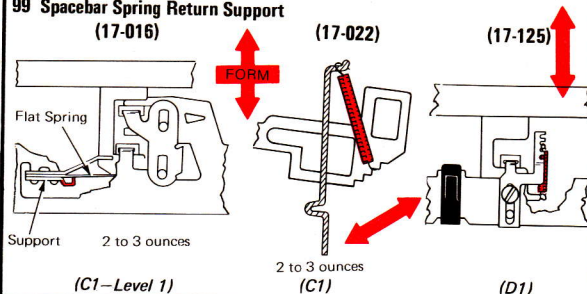
.010\"-.015\"
(0,25-0,38mm)Release Arm
Drops On Rear
Of Lug When
Released.

(C1, D1)

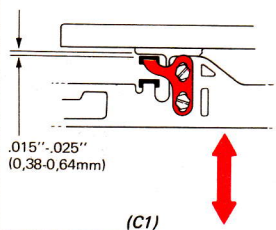
98 Cam Release Link (17-029)



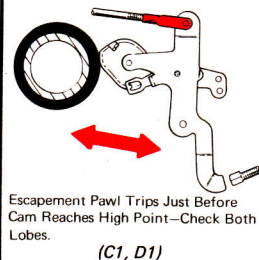
99 Spacebar Spring Return Support (17-016)



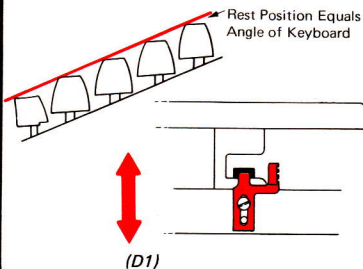
100 Repeat Stop (17-124)



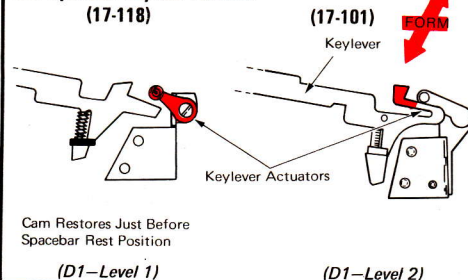
101 Operating Link (17-002)



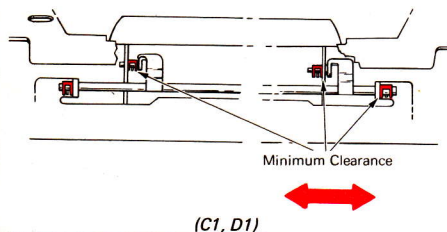
102 Spacebar Stop (17-124)



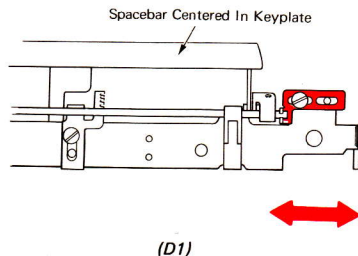
103 Spacebar Keylever Actuator (17-118)



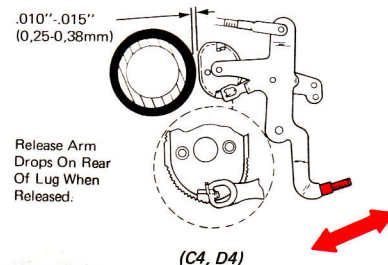
104 Spacebar Shaft Retaining Clips (17-114)



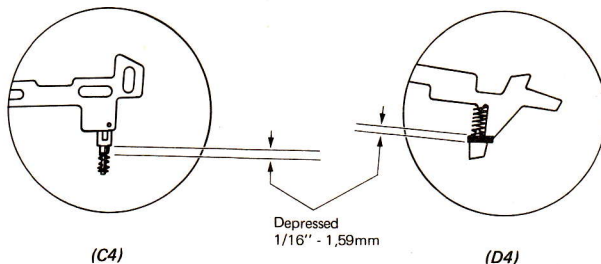
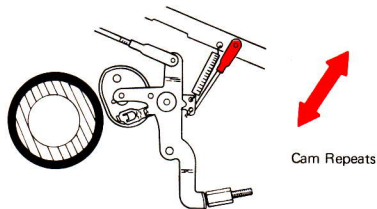
105 Spacebar Adjusting Bracket (18-131)



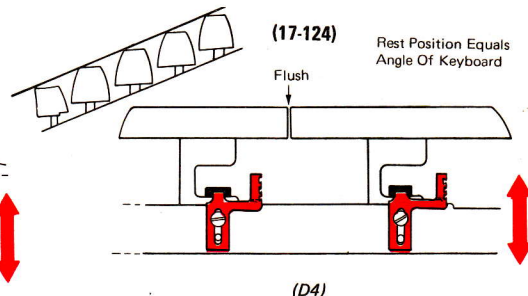
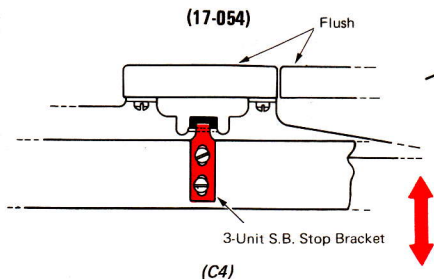
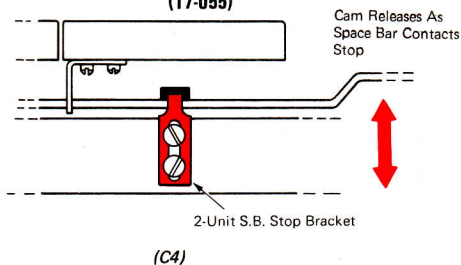
106 Cam Clearance (17-005)



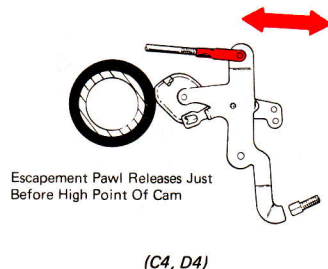
107 Cam Release Link (17-029)



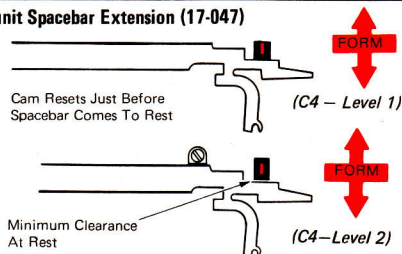
108 Two- & Three-unit Spacebar Upstop (17-055)



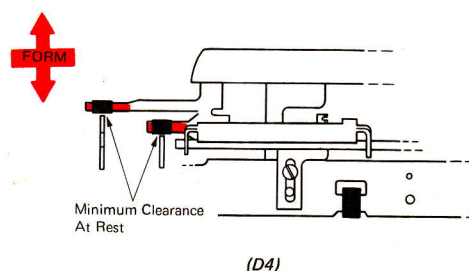
109 Operating Link (17-002)



110 Three-unit Spacebar Extension (17-047)



111 Three-unit Spacebar Extensions (17-230)

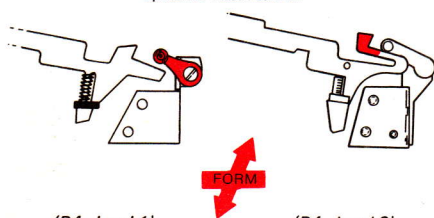


112 Two-unit Spacebar Keylever Actuator

(17-118)

Cam Resets Just Before
Space Bar Rest Position

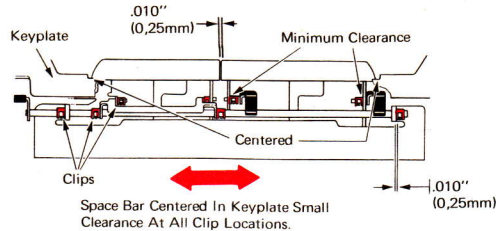
(17-101)



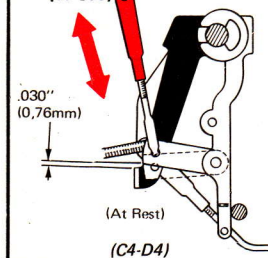
(D4—Level 1)

(D4—Level 2)

113 Spacebar Retaining Clips (17-114)



115 Spacebar Interposer Link (17-063)

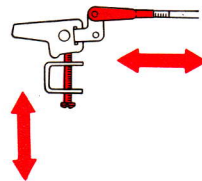


(At Rest)

(C4—D4)

116 Space Expand Flipper Button (07-206)

Link Equals Distance At Rest



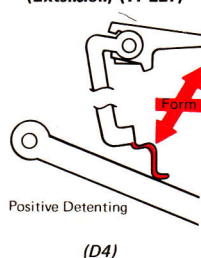
(D4—Level 1)

(07-208)

Parallel To Bottom Of Machine.

(D4—Level 2)

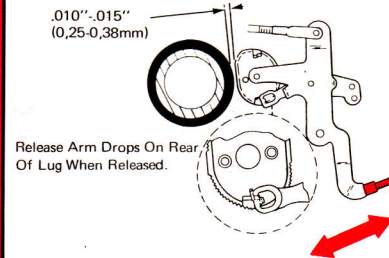
117 Space Expand Lever (Extension) (17-227)



Positive Detenting

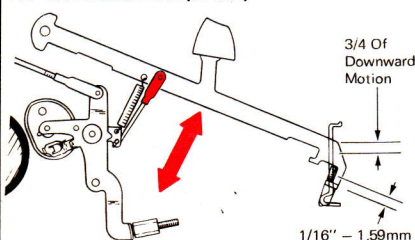
(D4)

118 Cam Clearance (01-006)



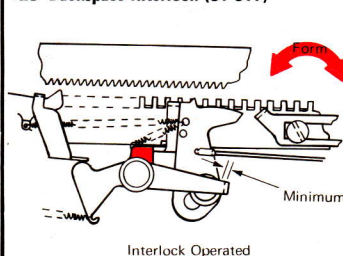
Release Arm Drops On Rear
Of Lug When Released.

119 Cam Release Link (01-004)



1/16" - 1,59mm

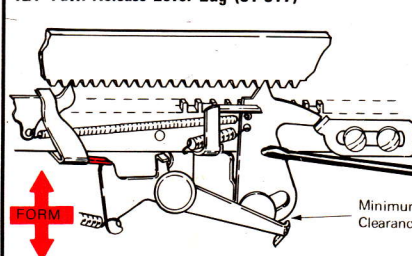
120 Backspace Interlock (01-017)



Minimum

Interlock Operated

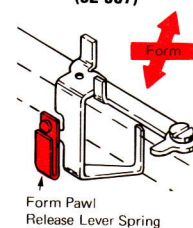
121 Pawl Release Lever Lug (01-017)



Minimum
Clearance

(Level 1)

(02-087)

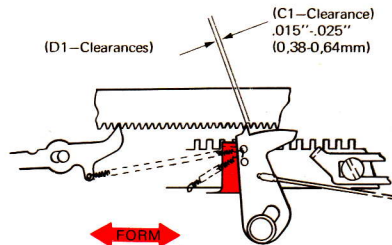


Form Pawl
Release Lever Spring

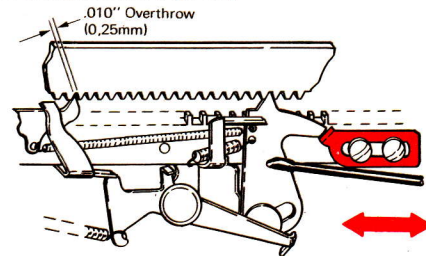
(Level 2)

122 Backspace Pawl Guide Lug (01-017)

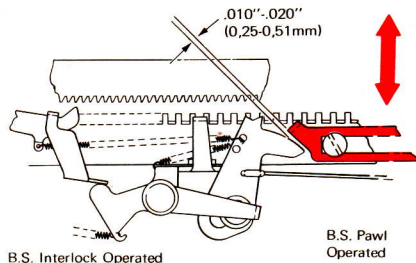
PITCH	CLEARANCE (D-1)	
6-2/5	.010"-.020"	0,25-0,51mm
8	.010"-.020"	0,25-0,51mm
9	.010"-.020"	0,25-0,51mm
10	.010"-.020"	0,25-0,51mm
11	.008"-.014"	0,20-0,36mm
12	.008"-.014"	0,20-0,36mm
14	.008"-.012"	0,20-0,30mm



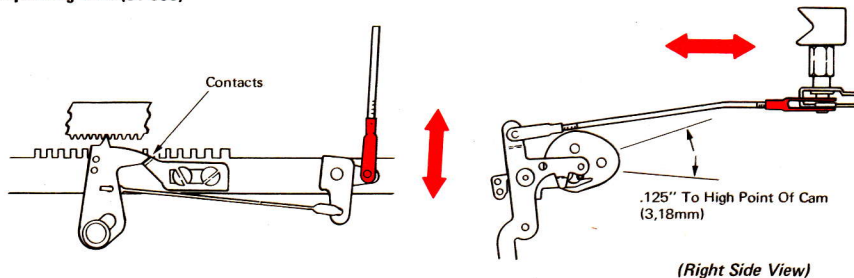
123 Backspace Pawl Stop (01-021)



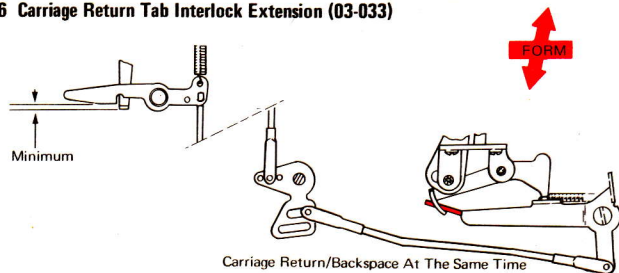
124 Backspace Pawl Stop (01-021)



125 Operating Link (01-008)

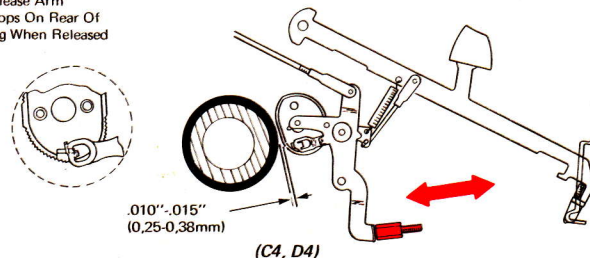


126 Carriage Return Tab Interlock Extension (03-033)

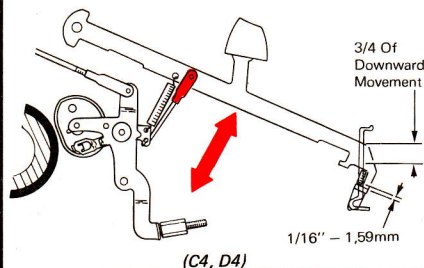


127 Cam Clearance (01-006)

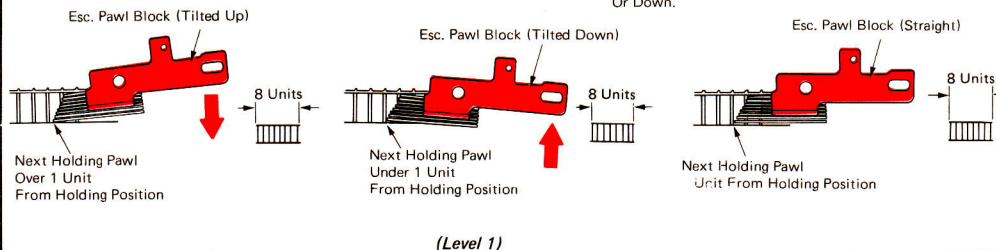
Release Arm
Drops On Rear Of
Lug When Released



128 Cam Release Link (01-004)

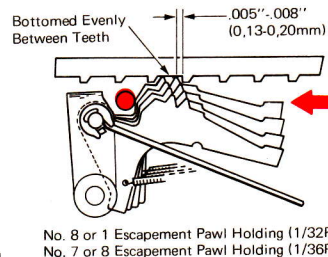
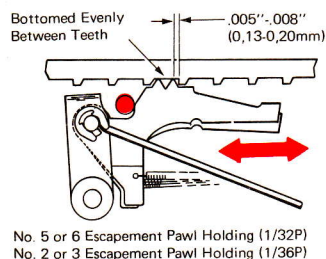


129 Pawl Block Tilt (06-070 Presimplified P.B.) (06-336 Simplified P.B.)

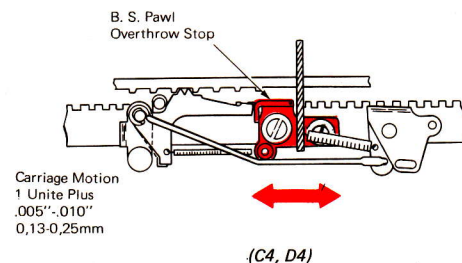


Level II - Same As Level I Except The Adjustment Is Made With An Eccentric To Move The Pawl Block Up Or Down.

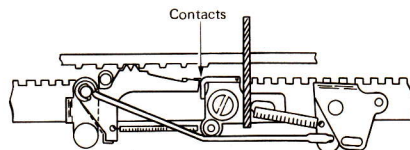
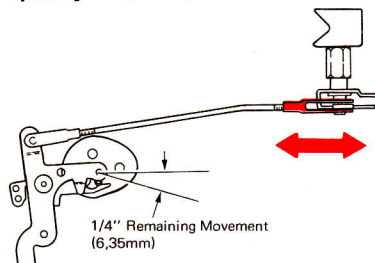
130 Backspace Guide Pin Bracket (01-048)



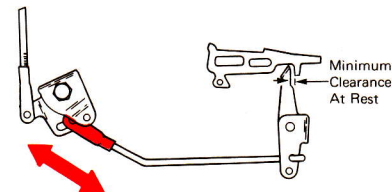
131 Backspace Pawl Stop (01-045)

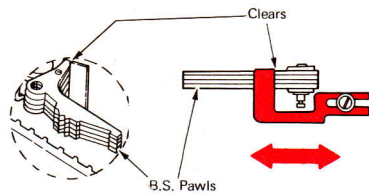


132 Operating Link (01-008)

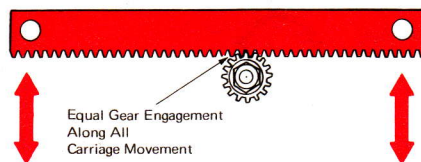


133 Aligning Link (01-042)

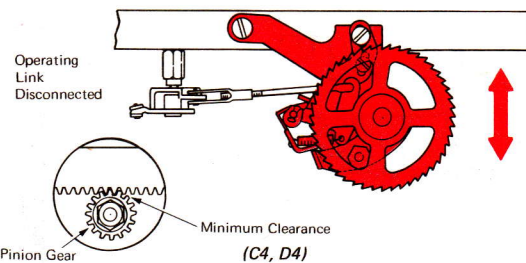


134 Backspace Interlock (01-051)

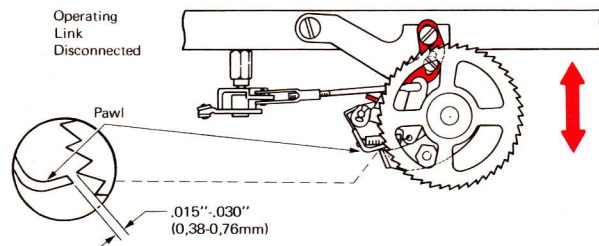
(C4, D4) (Rear View)

135 Backspace Rack (01-093)

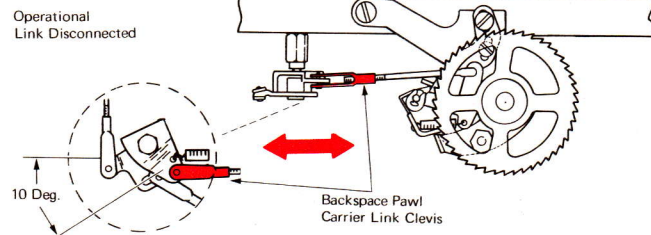
(C4, D4)

136 Backspace Pinion Gear (01-082)

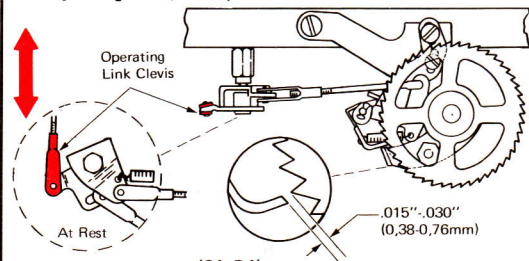
(C4, D4)

137 Upper Stop (01-080)

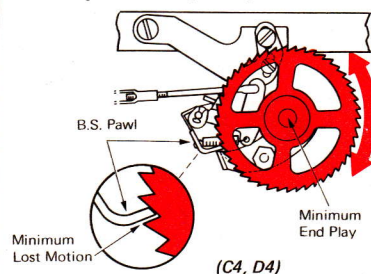
(C4, D4)

138 Backspace Pawl Carrier Link (01-075)

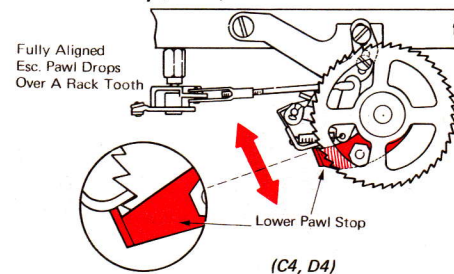
(C4, D4)

139 Operating Link (01-008)

(C4, D4)

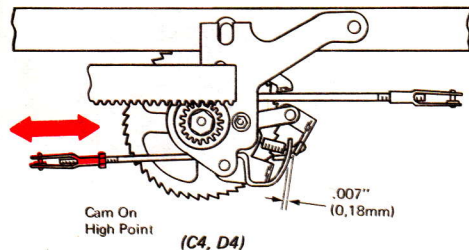
140 Backspace Ratchet (01-070)

(C4, D4)

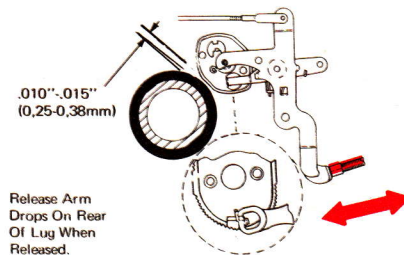
141 Lower Pawl Stop (01-078)

(C4, D4)

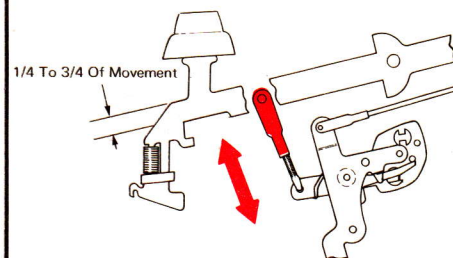
142 Backspace Interlock Link (01-085)



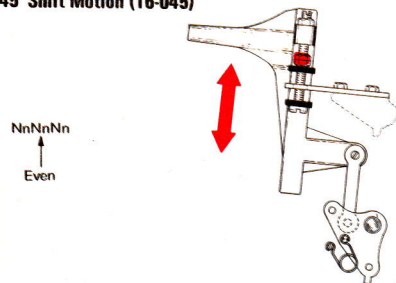
143 Cam Clearance (16-076)



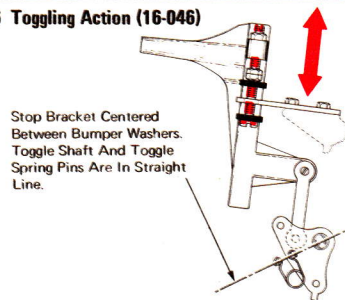
144 Cam Release Link (16-016)



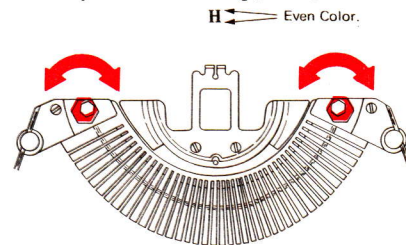
145 Shift Motion (16-045)



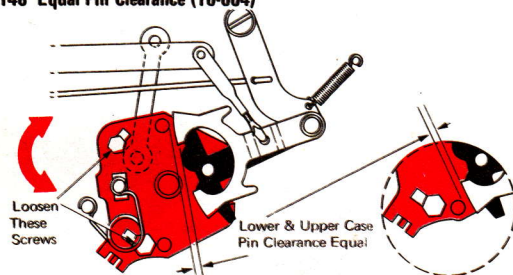
146 Toggling Action (16-046)



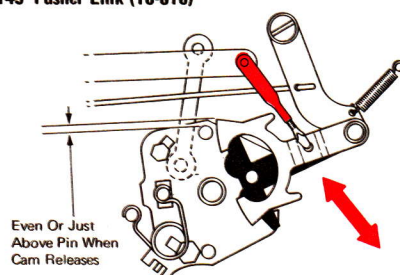
147 Even Top and Bottom Printing (19-083)



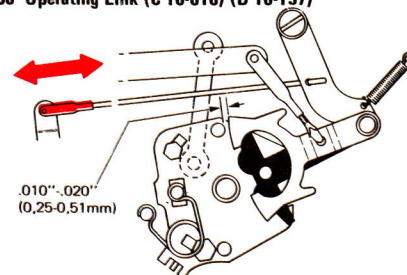
148 Equal Pin Clearance (16-004)



149 Pusher Link (16-016)



150 Operating Link (C 16-018) (D 16-157)



151 Shifting Off (16-029)

.0045"-.0065"
(0,12-0,17mm)
.007"-.010" (Carbon)
(0,18-0,25mm)

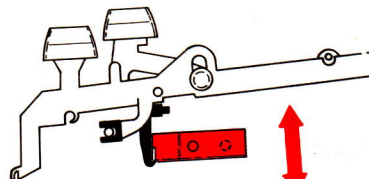


Note: Do Not Shim The
Model D1, D4

Add Or Remove
Shims As Required

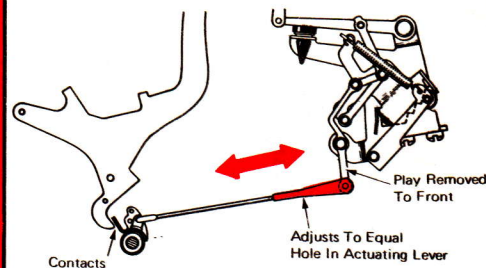
(C1, C4)

152 Shift Lock (16-066)



Shifts As Lock Engages

153 Ribbon Lift Operating Link (14-050)

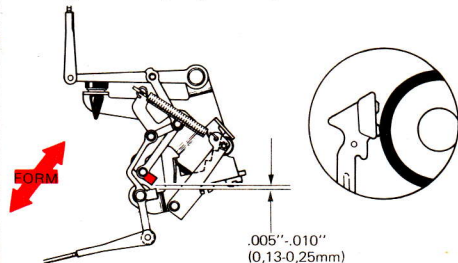


Play Removed
To Front

Adjusts To Equal
Hole In Actuating Lever

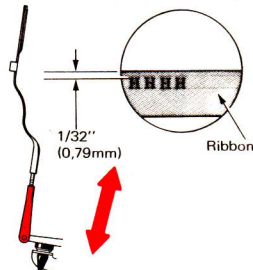
Contacts

154 Toggle Plate Stop Lug (14-048)



.005"-.010"
(0,13-0,25mm)

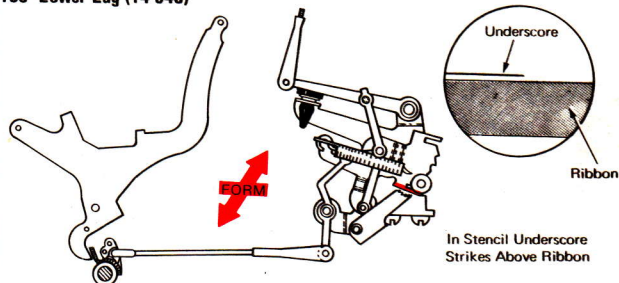
155 Ribbon Lift Guide (14-043)



1/32"
(0,79mm)

Ribbon

156 Lower Lug (14-048)

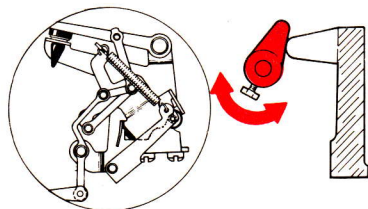


Underscore

Ribbon

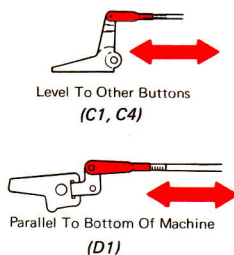
In Stencil Underscore
Strikes Above Ribbon

157 Ribbon Control Lever Stop (14-045)



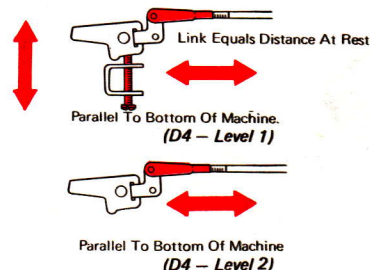
Adjust To Limit To First Lift Position.

158 Ribbon Position Operating Link (14-365)



Level To Other Buttons
(C1, C4)

Parallel To Bottom Of Machine
(D1)



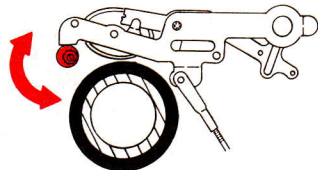
Link Equals Distance At Rest
Parallel To Bottom Of Machine.
(D4 - Level 1)

Parallel To Bottom Of Machine
(D4 - Level 2)

24- CARBON RIBBON

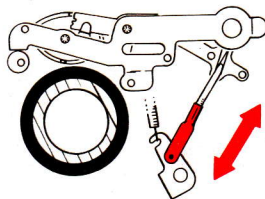
MODEL C1-C4 [13], MODEL D1-D4 [15]

159 Cam Clearance (14-113)

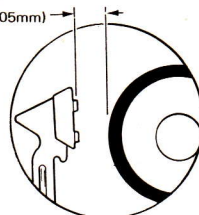


Release Lever Drops On Rear Of Cam Lug
When Released

160 Cam Release Link (14-097)

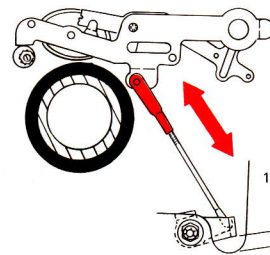


3/4"
(19.05mm)



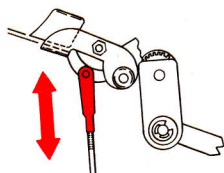
Cam Releases

161 Cam Operating Link (14-105)

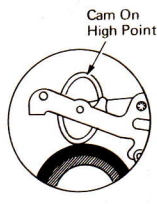


1/16" - 1.59mm

162 Feed Link (14-106)

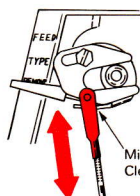


(C1, C4 - Level 1)



Releases Without
Choking Off

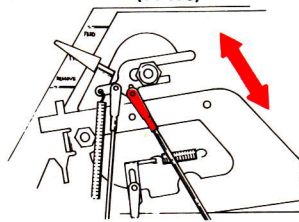
(14-215)



Load Lever In Remove Position

(C1, D1 - Level 2)

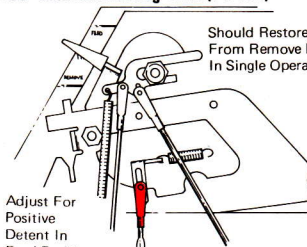
(14-178)



Feed Arm Just Below Parallel
To The Keylever Bearing Support

(D1, D4 - Spring Drive)

163 Cam Connecting Link (14-161)

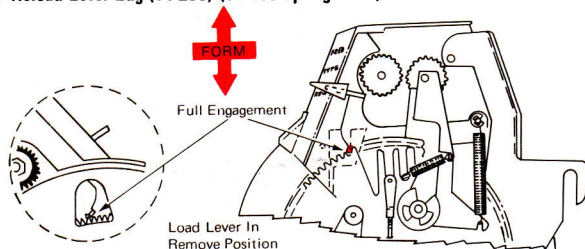


Should Restore
From Remove Position
In Single Operation

Adjust For
Positive
Detent In
Feed Position

(D1, D4 - Spring Drive)

164 Reload Lever Lug (14-286) (14-156 Spring Drive)

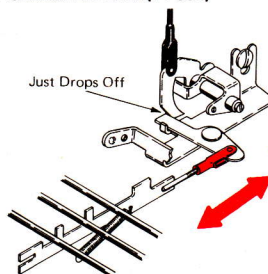


Full Engagement

Load Lever In
Remove Position

(Level 2)

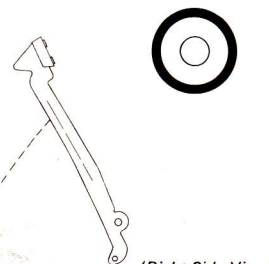
165 Selector Bar Link (14-001)



Just Drops Off

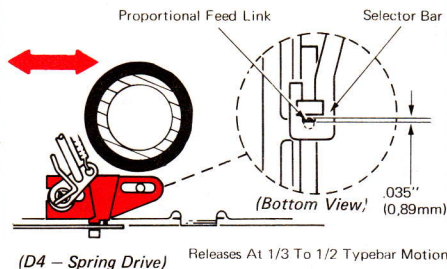
Releases At
1/3 To 1/2
Motion

(C1, C4 - Level 1)

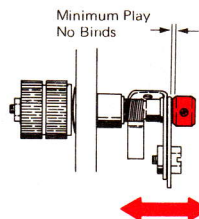


(Right Side View)

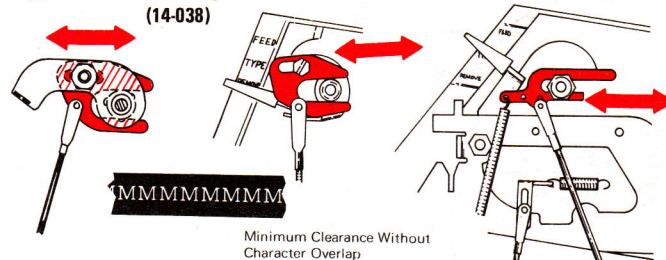
166 Selector Bar Guide (14-165)



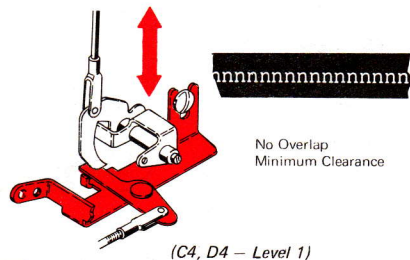
167 Ribbon Feed Spring Clutch (14-054)



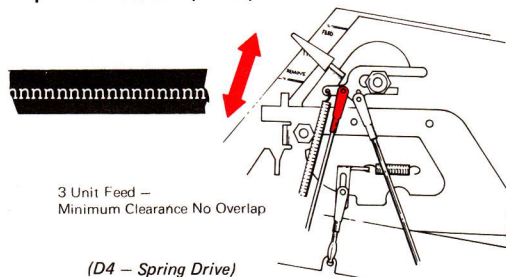
168 Upper Feed Arm Adjusting Plate (14-038)



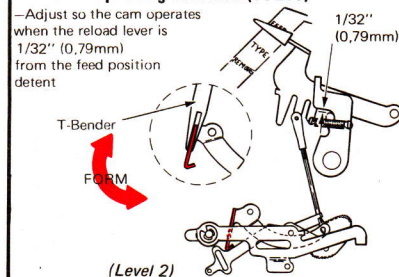
169 Three Unit Feed (14-003)



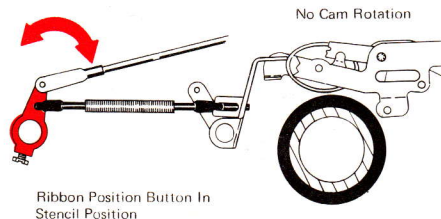
170 Proportional Feed Link (14-166)



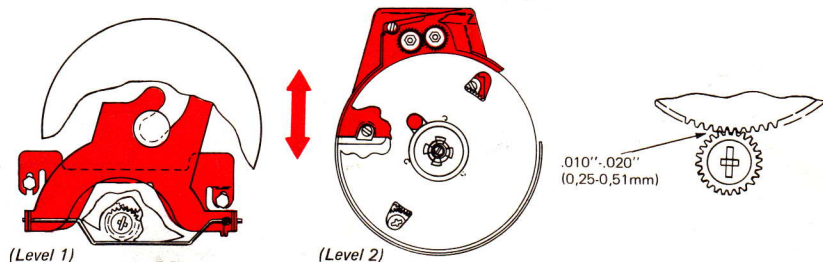
171 Cam Operating Bellcrank (14-289)



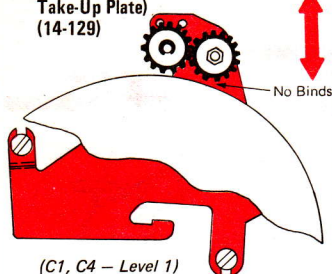
172 Ribbon Control Lever (14-045)



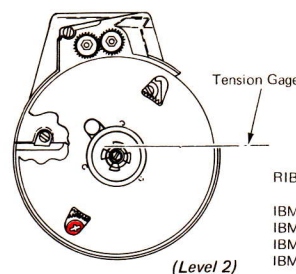
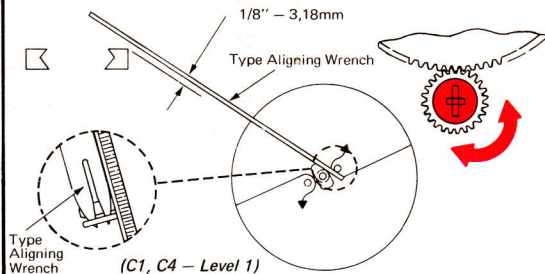
173 Gear Mesh (14-130)



174 Upper Mounting Plate (Two-Piece Take-Up Plate) (14-129)



175 Take-Up Drive Tension (14-126)

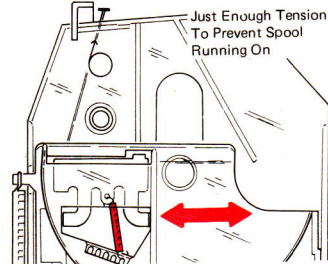


Note: One Tooth Motion Equals One Ounce Torque

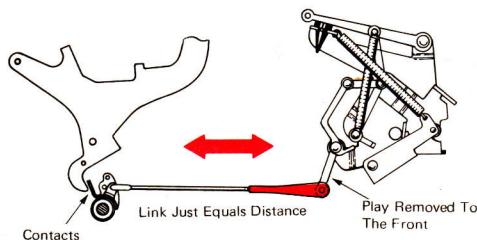
RIBBON TENSION

IBM 5121	3-3½ ounces
IBM 522	4 - 5 ounces
IBM 555 Mylar	3 ounces
IBM 5550 Acetate	3 ounces

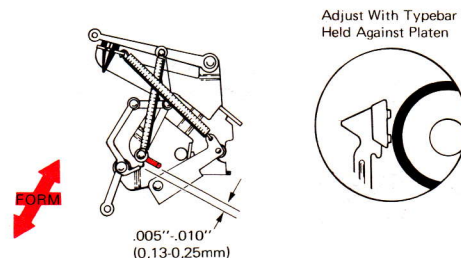
176 Ribbon Friction Lever (14-302)



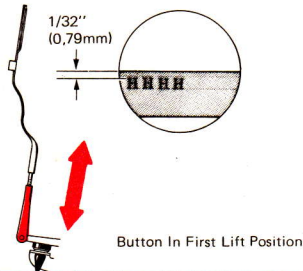
177 Ribbon Lift Operating Link (13-133)



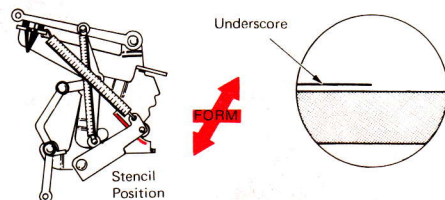
178 Toggle Plate Stop Lug (13-127)



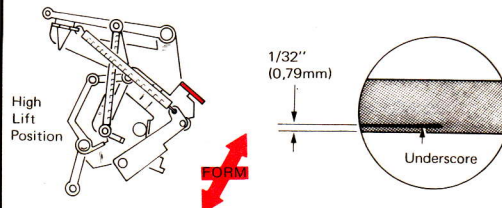
179 Ribbon Lift Guide (13-137)



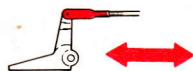
180 Positioning Plate (Lower Lug) (13-127)



181 Positioning Plate (Upper Lug) (13-127)

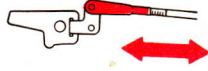


182 Ribbon Position Operating Link & Leveling Screw (13-130)



Parallel To Bottom Of Machine In First Lift Position

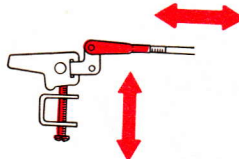
(C1, C4)



Parallel To Bottom Of Machine In First Lift Position

(D1, D4—Level 2)

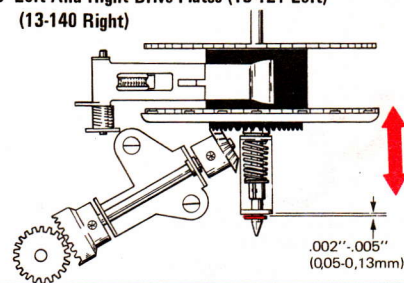
Just Equals Distance
In First Lift Position.



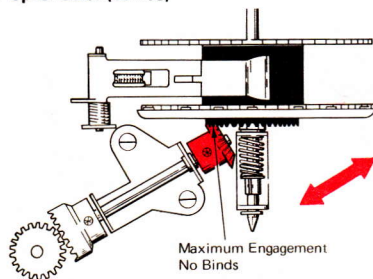
Parallel To Bottom Of Machine
In First Lift Position.

(D4—Level 1)

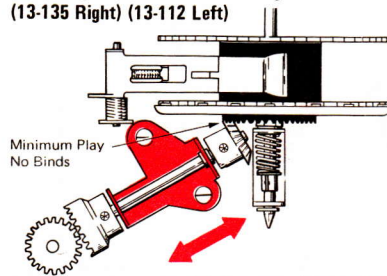
**183 Left And Right Drive Plates (13-121 Left)
(13-140 Right)**



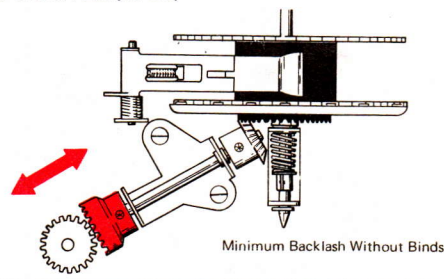
184 Spool Gears (13-115)



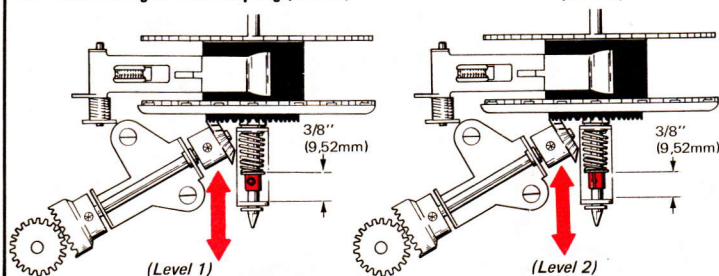
**185 Left & Right Driven Shaft Mounting Brackets
(13-135 Right) (13-112 Left)**



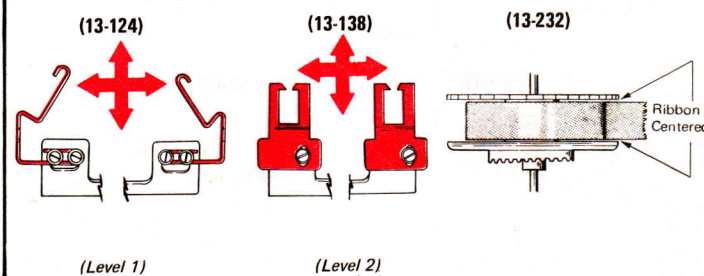
186 Driven Fears (13-108)



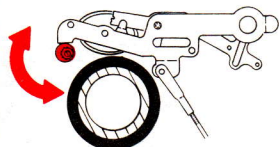
187 Left And Right Tension Spring (13-093)



188 Ribbon Corner Guides



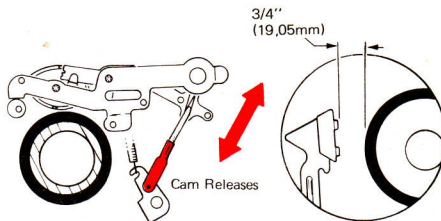
189 Cam Clearance (13-019)



With The Cam Released, The Release Lever Will Rest On The Rear Half Of The Cam Lug.

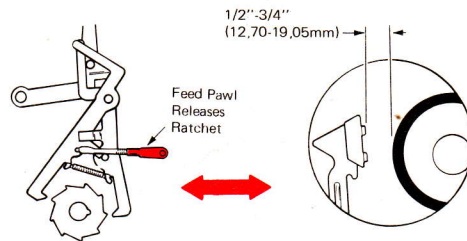
(Level 1 & 2 Only)

190 Cam Release Link (13-004)



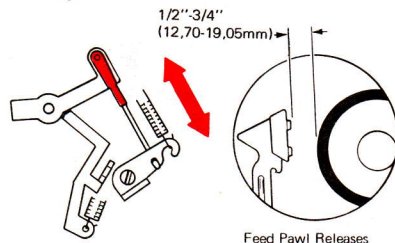
(Level 1 & 2 Only)

191 Feed Pawl Release Link (13-094)



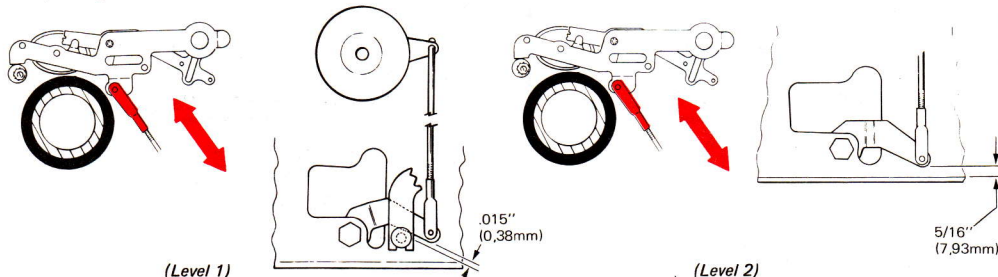
(C & D - Level 3 & 4)

192 Ribbon Feed Bellcrank Link (13-362)



(D1, D4 - Level 5)

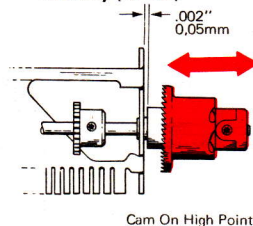
193 Operating Link (13-014)



(Level 1)

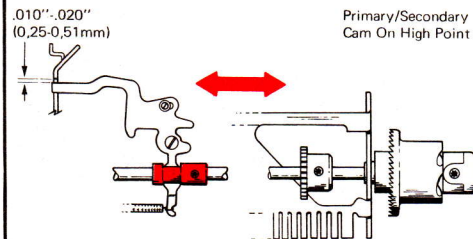
(Level 2)

194 Primary/Secondary Cam Assembly (13-152)



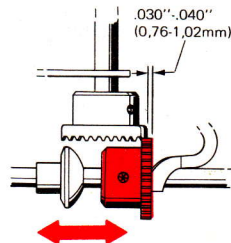
Cam On High Point

195 Drive Shaft Collar (13-023)

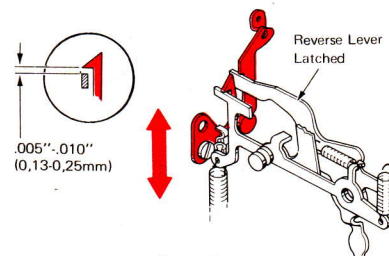


Primary/Secondary Cam On High Point

196 Drive Gears (13-024)

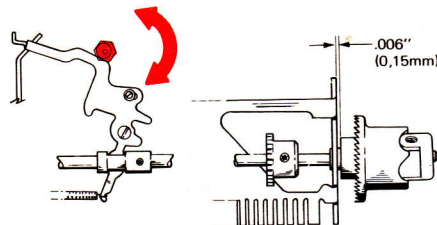


197 Rewind Lever Latch (13-062)



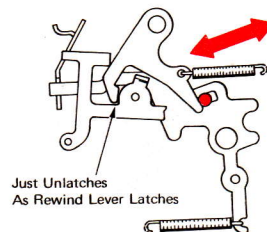
(Level 1)

198 Reverse Lever Eccentric Stop (13-059)



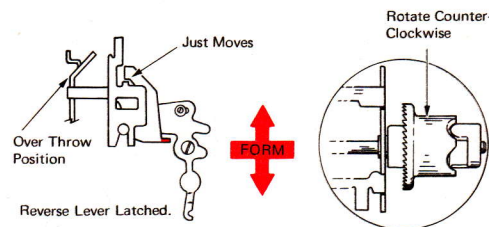
(Level 1)

199 Reverse Lever Stud (13-156)



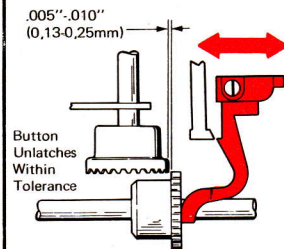
(Level 1)

200 Button Latch Lug (13-057)



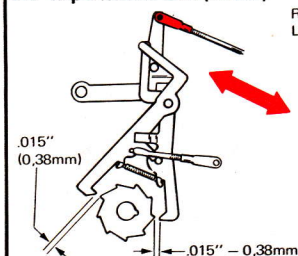
(Level 1)

201 Button Latch (13-207)



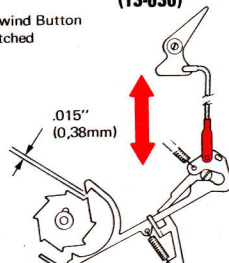
(Level 2 & 3 Only)

202 Rapid Rewind Link (13-600)



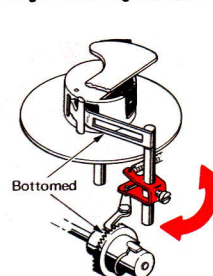
(Level 3 & 4)

(13-630)

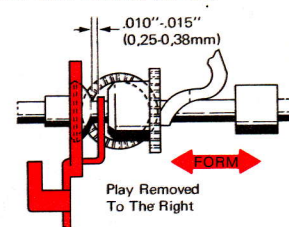


(Left Side View) (Level 5)

203 Right Reversing Cam (13-149)

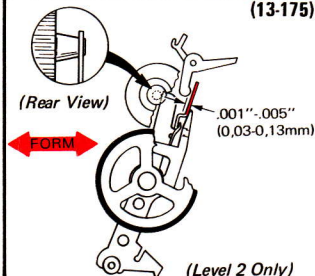


204 Cone Follower (13-175)



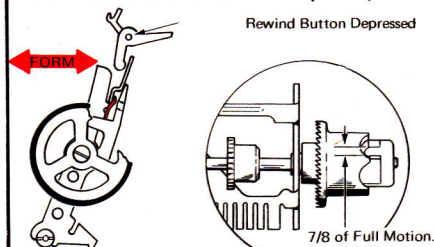
(Level 2 Only)

205 Upper Extension Of Cone Follower (13-175)



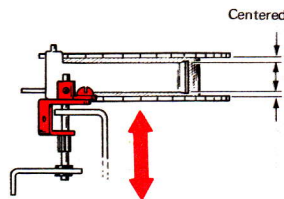
(Level 2 Only)

206 Side Extension Of Cone Follower (13-175)



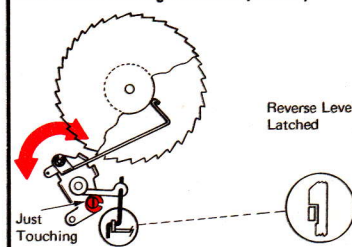
(Level 2 Only)

207 Left Sensing Finger Cam (13-081)



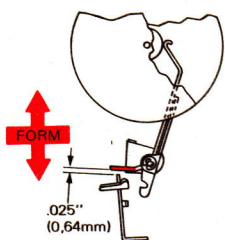
(Level 1 Only)

208 Left Reversing Eccentric (13-082)



(Level 1)

209 Left Sensing Finger (13-203)



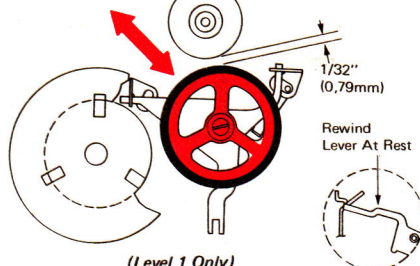
(Levels 2, 3, 4, & 5)

210 Ribbon Feed Link (13-030)



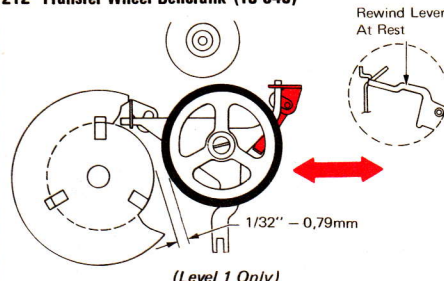
(Level 1 & 2 Only)

211 Transfer Wheel (13-052)



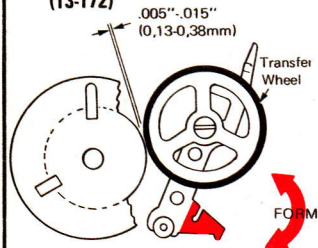
(Level 1 Only)

212 Transfer Wheel Bellcrank (13-045)



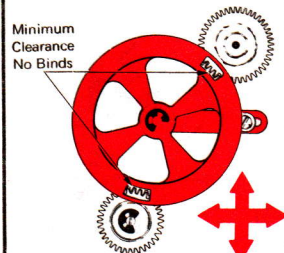
(Level 1 Only)

213 Transfer Wheel Mounting Bracket (13-172)



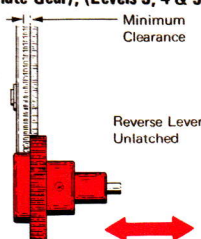
(Level 2 Only)

214 Intermediate Gear (13-573)



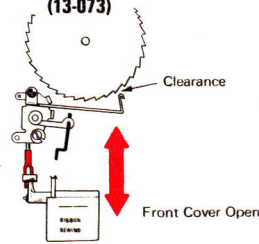
(Levels 4 & 5)

215 Feed Gear (Machines With Intermediate Gear), (Levels 3, 4 & 5)

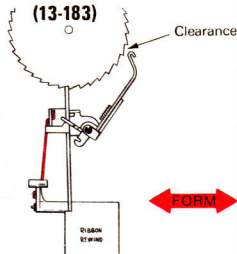


(Levels 3, 4, & 5)

216 Cover Interlock Link (13-073)

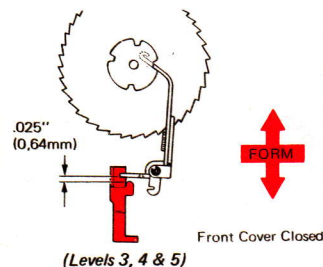


(Level 1)



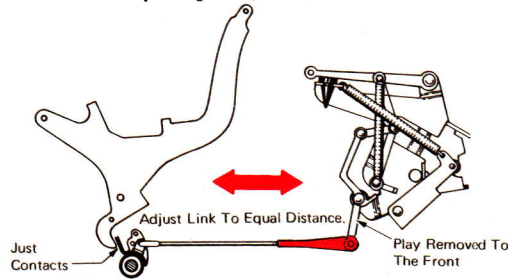
(Level 2)

217 Cover Interlock Lever (13-182)

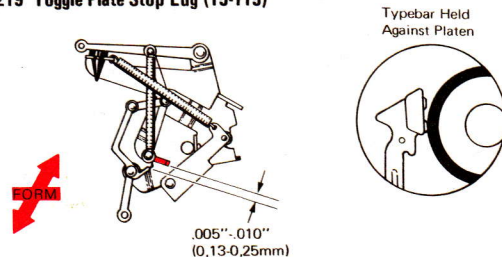


(Levels 3, 4 & 5)

218 Ribbon Lift Operating Link (15-033)

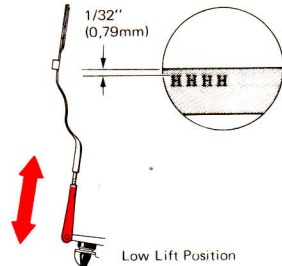


219 Toggle Plate Stop Lug (15-115)

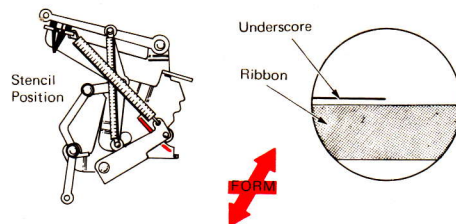


Typebar Held Against Platen

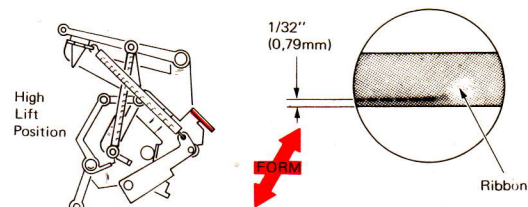
220 Ribbon Lift Guide (15-133)



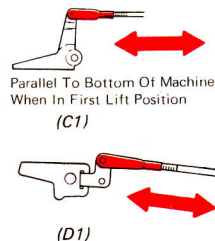
221 Positioning Plate – Lower Lug (15-115)



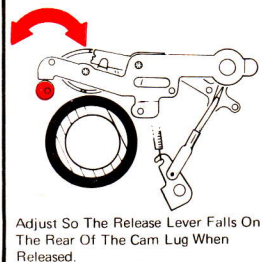
222 Positioning Plate – Upper Lug (15-115)



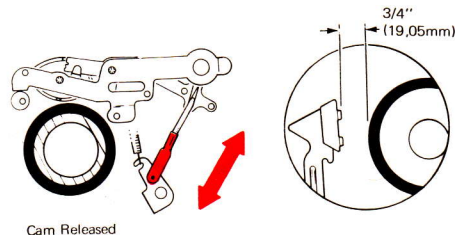
223 Ribbon Position Operating Link (15-033)



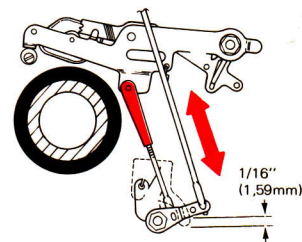
224 Cam Clearance (15-040)



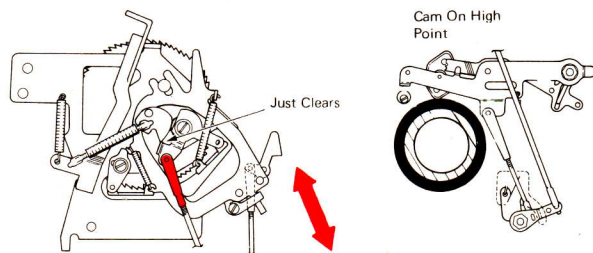
225 Cam Release Link (14-097)



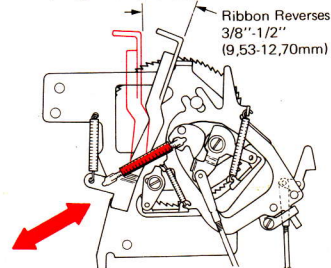
226 Operating Link (14-105)



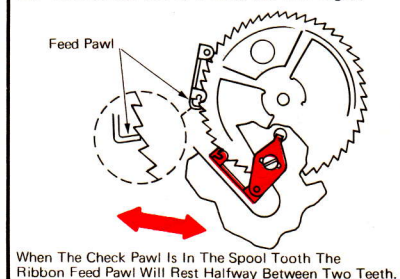
227 Ribbon Feed Link (15-125)



228 Spring Links (15-035)



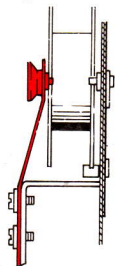
229 Check Pawl (15-071 Left) (15-128 Right)



230 Ribbon Spool Retaining Springs (15-079)



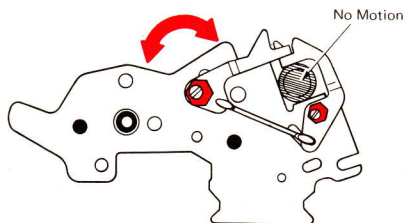
Spool Centered On Feed Pawls



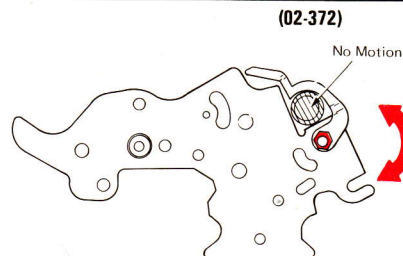
231 Platen Latches

(02-119)

(02-122)



(Level 1)

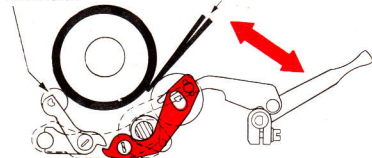


(Level 2)

232 Feed Roll Adjusting Plate (02-163)

Front Feed Roll Will Turn With Platen

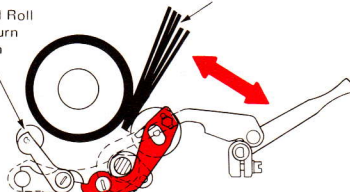
2 Tab Cards
.014" — .036mm



(2 Tab Cards Inserted)

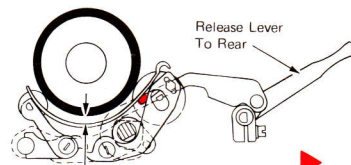
Front Feed Roll Will Not Turn With Platen

5 Tab Cards
.035" — .089mm



(5 Tab Cards Inserted)

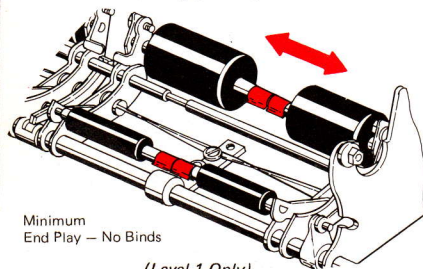
233 Deflector Support Lugs (02-162)



2.4 Tab Card
Clearance
.014" — .028"
(0.36-0.71mm)



234 Feed Roll End Play (02-173)

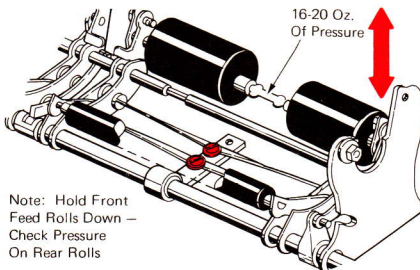


Minimum
End Play — No Binds

(Level 1 Only)

235 Feed Roll Pressure Adjusting Screws (02-126)

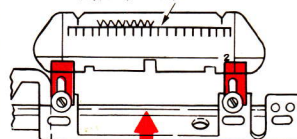
16-20 Oz.
Of Pressure



Note: Hold Front
Feed Rolls Down —
Check Pressure
On Rear Rolls

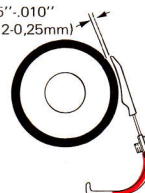
236 Cardholder (02-179)

Parallel To Bottom Of V's
.002" — .005"
(0.05-0.13mm)

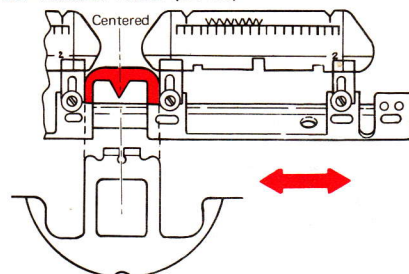


(02-177)

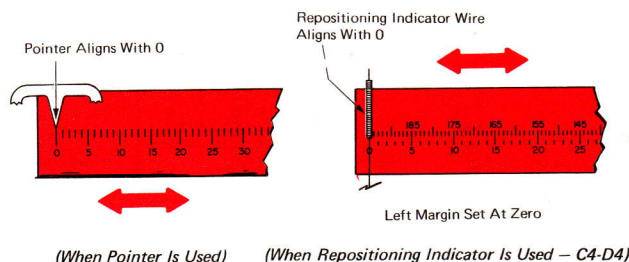
.005" — .010"
(0.12-0.25mm)



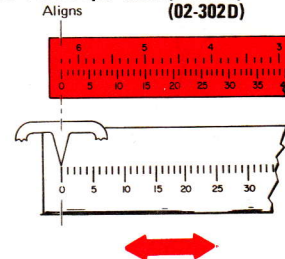
237 Indicator Pointer (02-178)



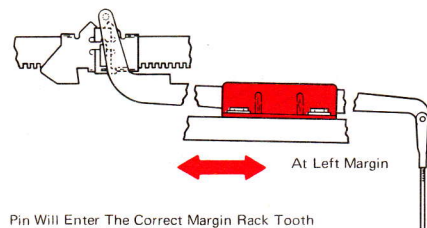
238 Front Paper Scale (02-150)



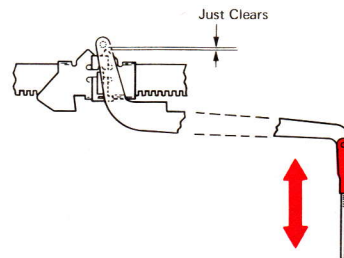
239 Front Paper Table (02-008C) (02-302D)



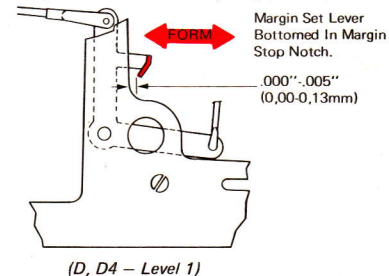
240 Margin Reset Bracket (10-021)



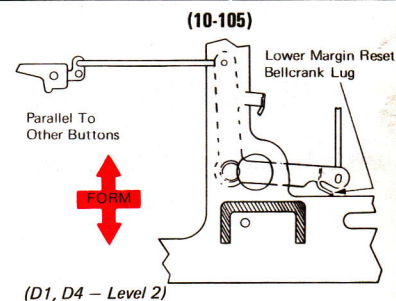
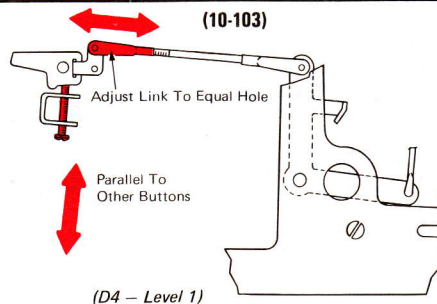
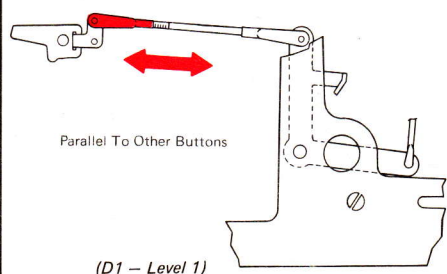
241 Margin Reset Link (02-015)



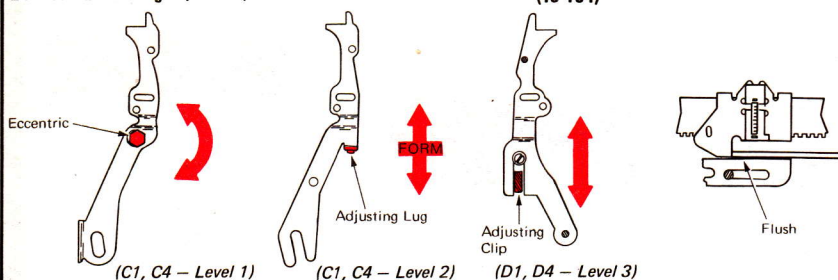
242 Margin Reset Bellcrank Stop Lug (10-105)



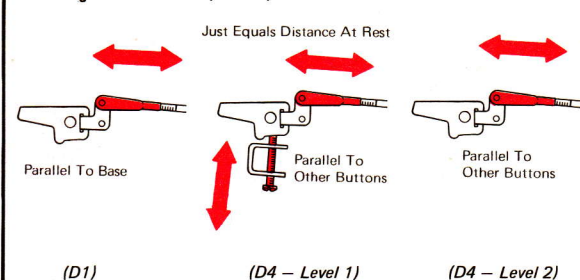
243 Margin Reset Button (10-103)



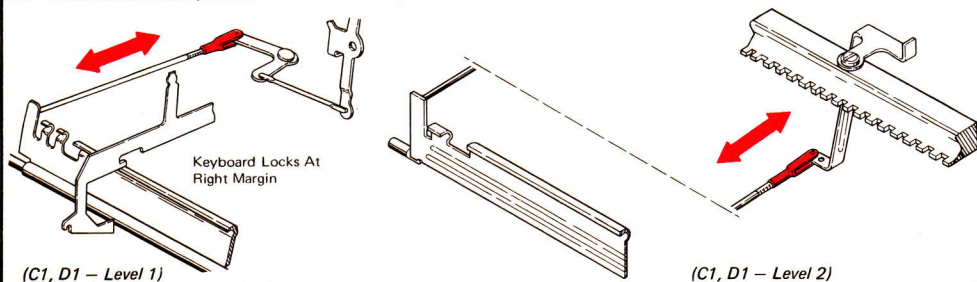
244 Tab Lever Height (18-014)



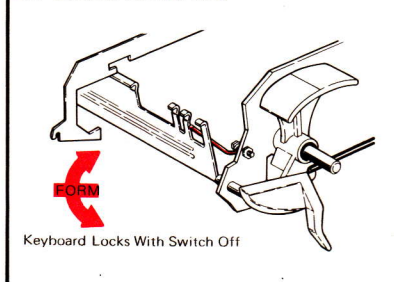
245 Margin Release Link (10-109)



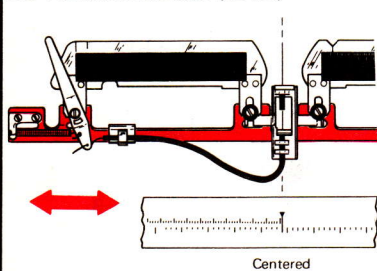
246 Linelock Push Rod (09-003)



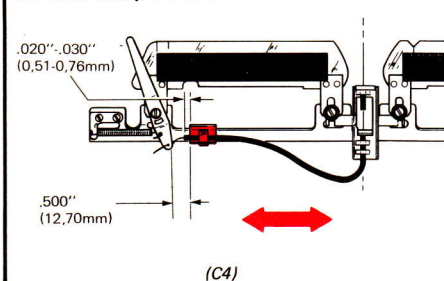
247 Linelock Cam (09-036)



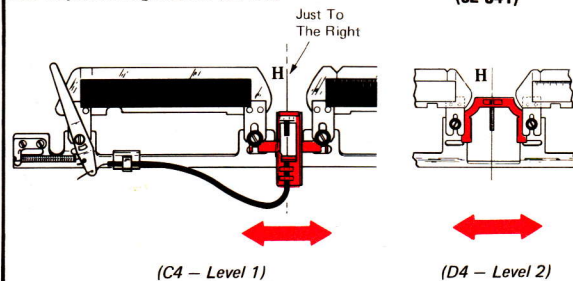
248 Front Rail Dust Cover (02-177)

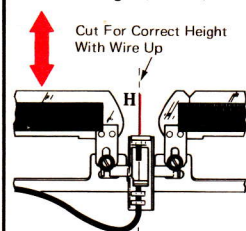


249 Cable Clamp (02-192)

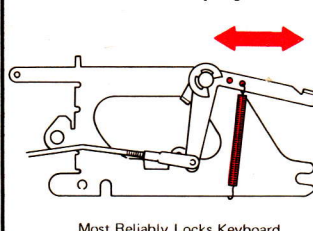


250 Repositioning Bracket (02-189)

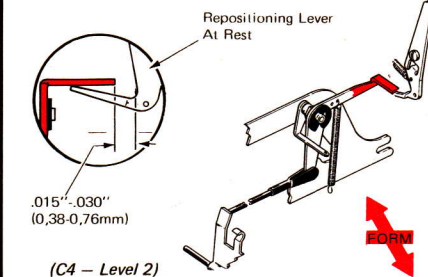


251 Wire Height (02-190)

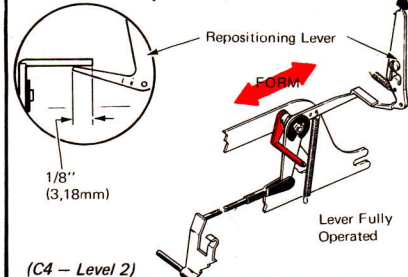
(C4 - Level 1 & 2)

252 Linelock Bellcrank Spring (02-229)

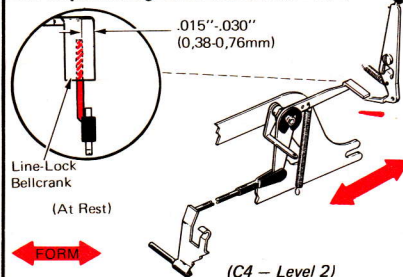
(C4 - Level 2)

253 Linelock Bellcrank (02-231)

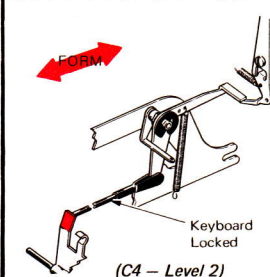
(C4 - Level 2)

254 Bellcrank Step (01-228)

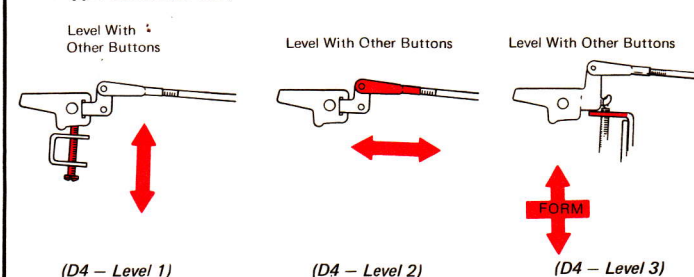
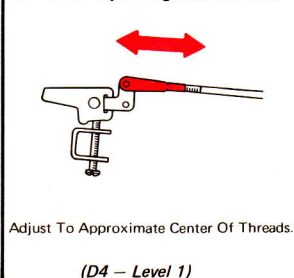
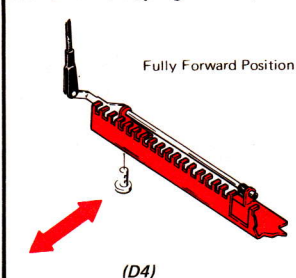
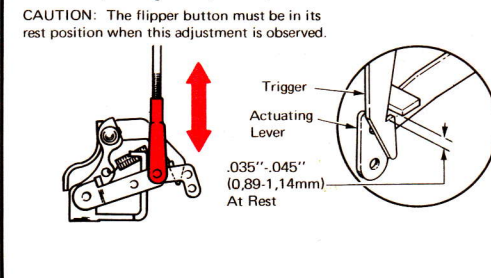
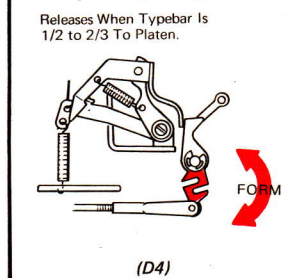
(C4 - Level 2)

255 Repositioning Lever Extension (02-187)

(C4 - Level 2)

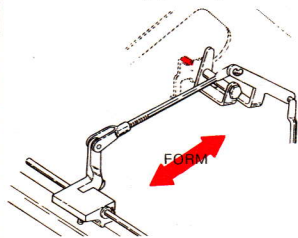
256 Linelock Bar (C09-004) (D09-018)

(C4 - Level 2)

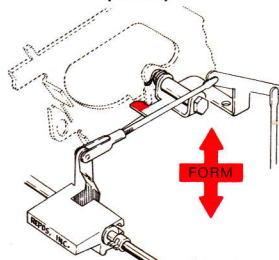
257 Flipper Button (02-357)**258 Front Operating Link (02-358)****259 Cam Lever Spring Bracket (02-355)****260 Rear Operating Link (02-339)****261 Trip Lever (14-375)**

262 Bellcrank Stop (02-337)

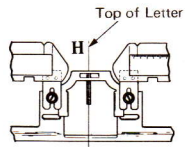
(02-338)



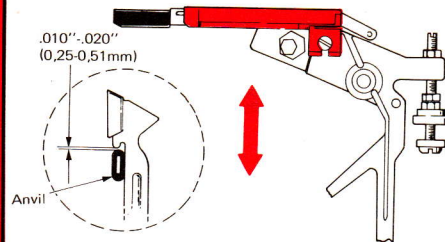
(D4 - Level 1)



(D4 - Level 2)

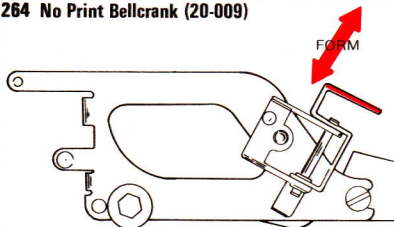


263 Slider Mounting Bracket (20-003)



(D4)

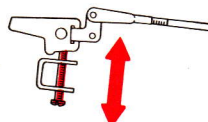
264 No Print Bellcrank (20-009)



(D4)

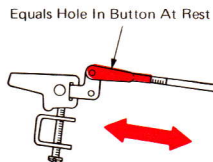
Form For
Positive Operation

265 No Print Flipper Button
(20-019)

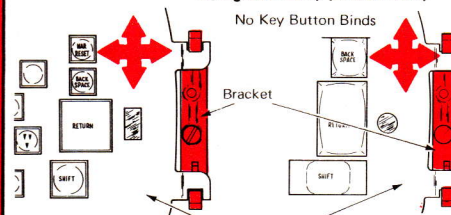


Level With Other Buttons

266 Operating Link (20-017)



267 Keyplate Brackets C(Right 04-038) (Left 04-057)
D(Right 04-251) (Left 04-057)

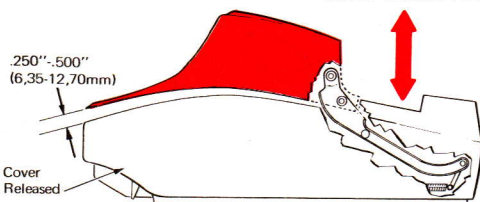


(C1, C4)

(D1, D4)

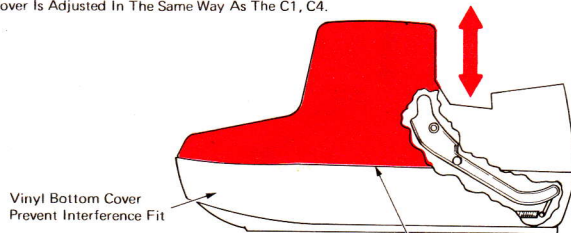
268 Front Cover (04-022)

NOTE: The Level 1 D1, D4 Front Cover Is Adjusted In The Same Way As The C1, C4.



(C1, C4)

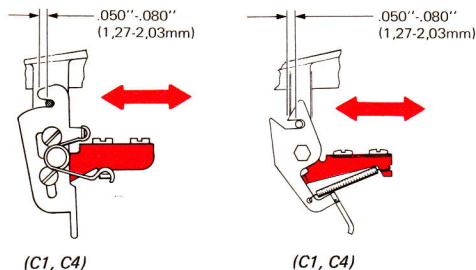
(04-209)



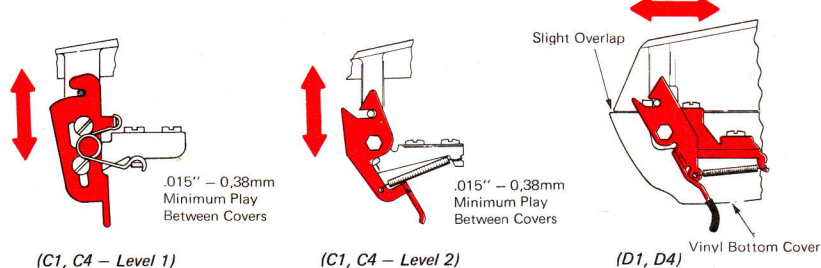
(D1, D4)

Flush

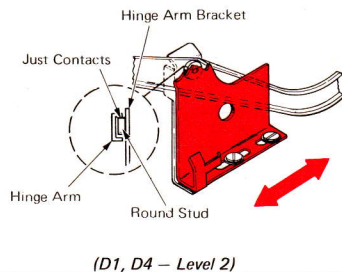
269 Front Cover Latch (Front-To-Rear) (04-060)



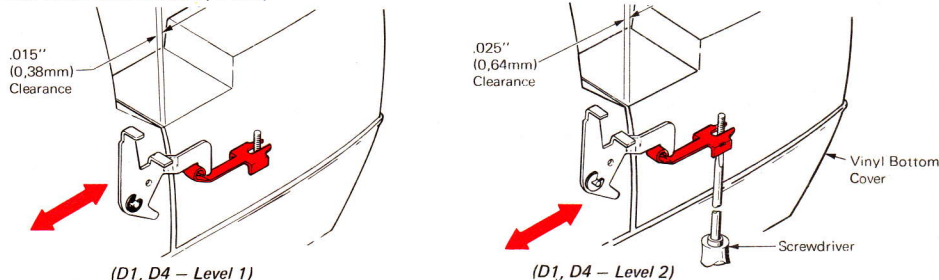
270 Front Cover Latch (04-032)



271 Hinge Arm Bracket (Right 04-256) (Left 04-224)

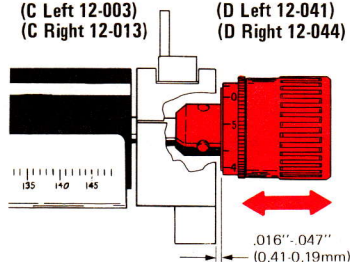


272 Rear Cover Latch Bracket (04-212)

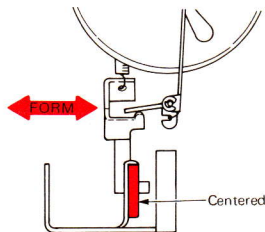


273 Platen Knobs

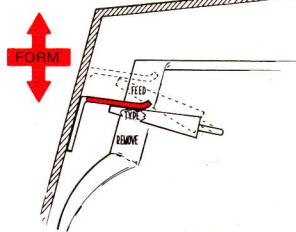
(C Left 12-003) (D Left 12-041)
(C Right 12-013) (D Right 12-044)



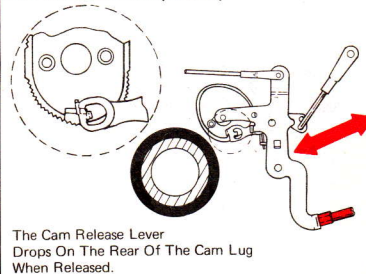
274 Cover Interlock, Fabric Ribbon (04-218)



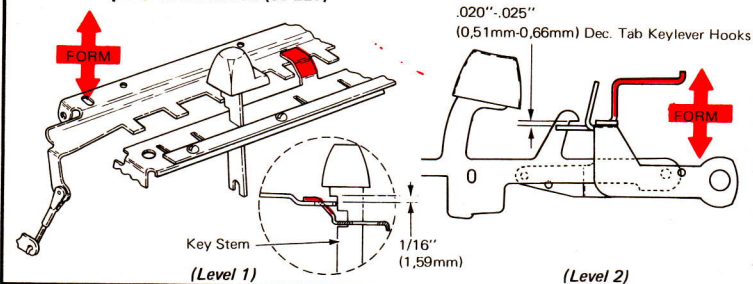
275 Cover Interlock, Carbon Ribbon (04-218)



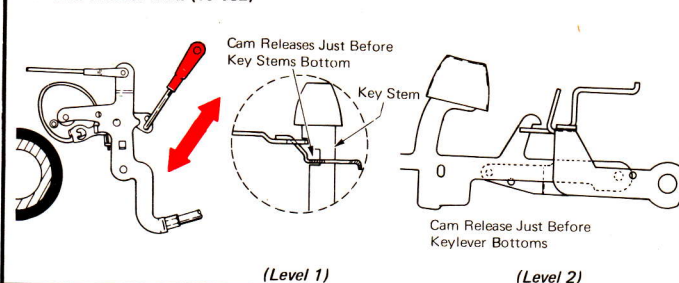
276 Cam Clearance (18-006)



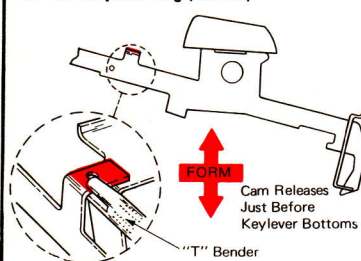
277 Cam Trip Bail Rest Position (30-227)



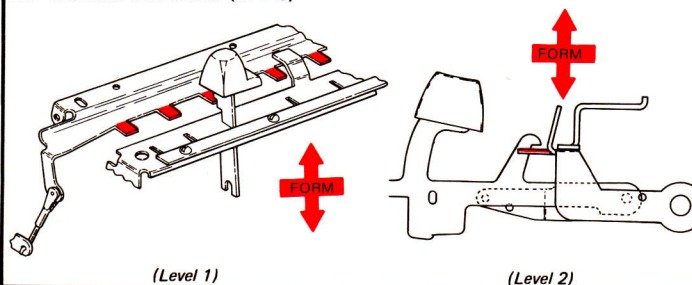
278 Cam Release Link (18-102)



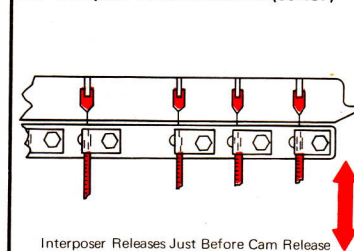
279 Tab Keylever Lug (30-207)



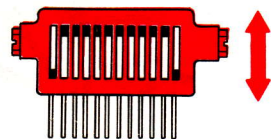
280 Individual Cam Release (30-225)



281 Interposer Cable Assemblies (30-237)

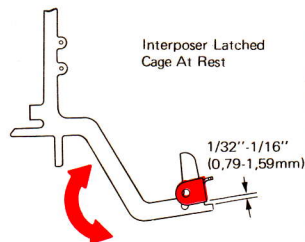


282 Interposer Release Lever Guide (30-106)

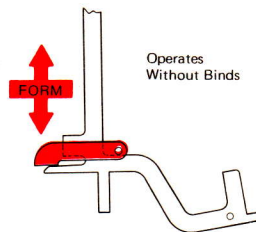


Release Lever Bottoms As Interposers Are Released

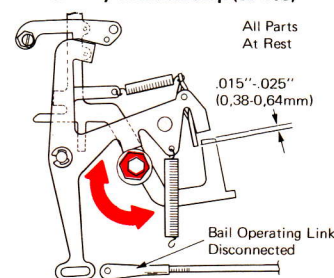
283 Interposer Link Keeper (30-159)

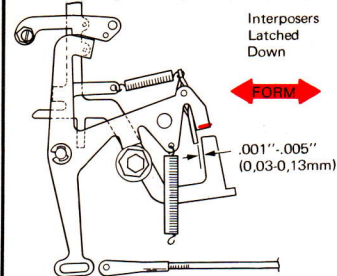
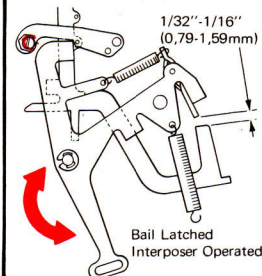
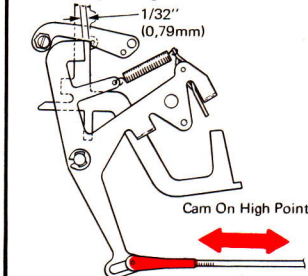
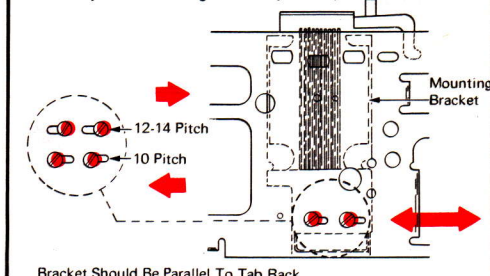
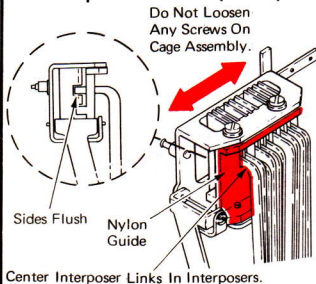
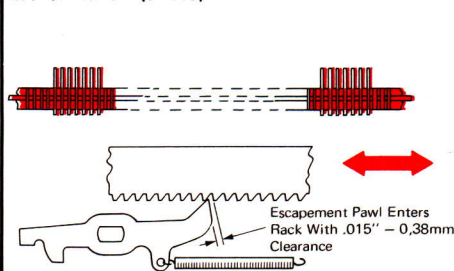
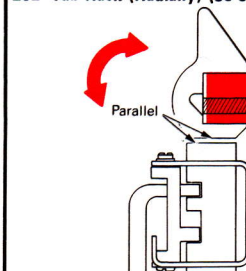
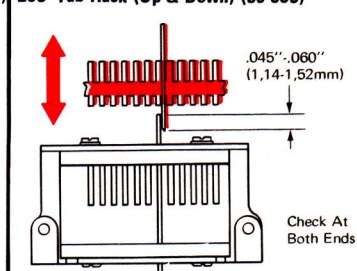
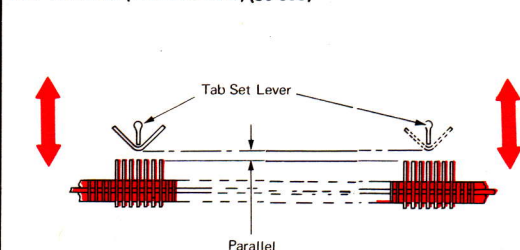
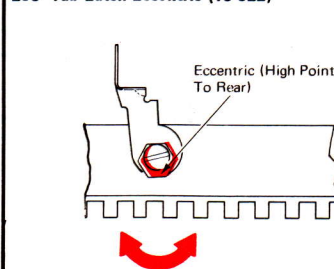
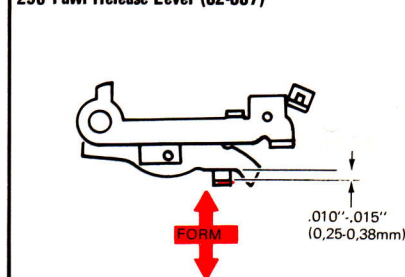


284 Interposer Interlock Bail (30-171)

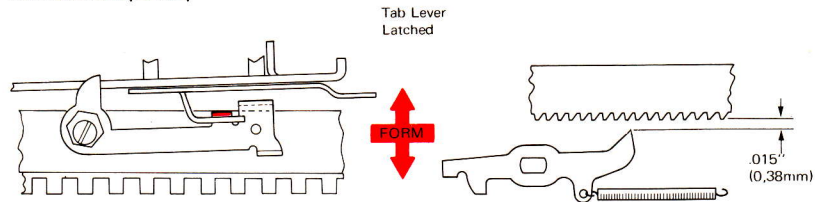


285 Bail Assembly Eccentric Stop (30-110)

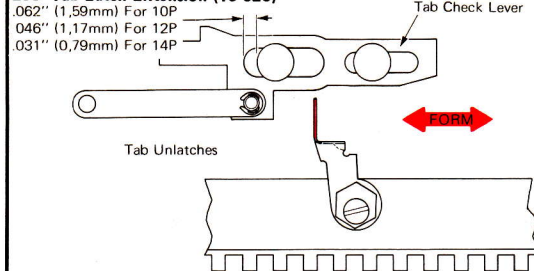


286 Restoring Bail Lug (30-112)**287 Bail Latch (30-115)****288 Bail Operating Link (18-012)****289 Interposer Mounting Bracket (30-165)****290 Interposer Link Guide (30-134)****291 Tab Rack (30-095)****292 Tab Rack (Radially) (30-095)****293 Tab Rack (Up & Down) (30-095)****294 Tab Rack (Front-To-Rear) (30-095)****295 Tab Latch Eccentric (18-022)****296 Pawl Release Lever (02-087)**

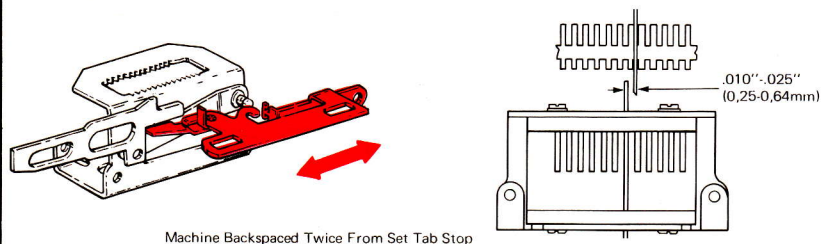
297 Pawl Clearance (02-087)



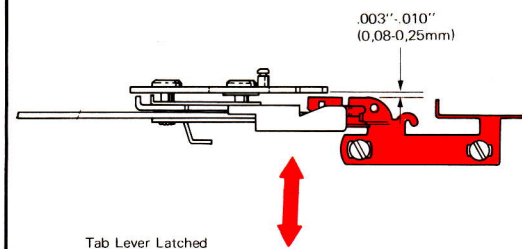
298 Tab Latch Extension (18-020)



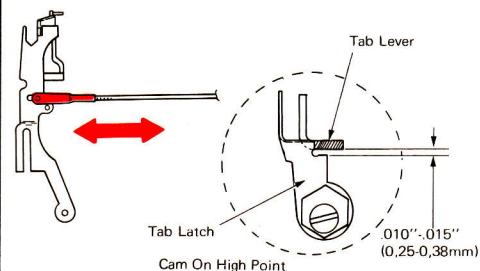
299 Tab Check Lever Keeper (30-067)



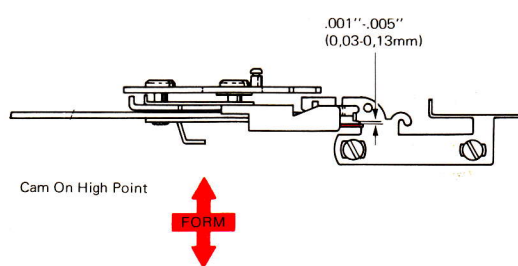
300 Tab Check Lever Keeper Clearance (30-067)



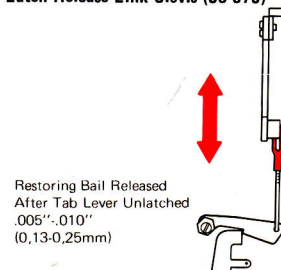
301 Tab Lever Extension (18-012)



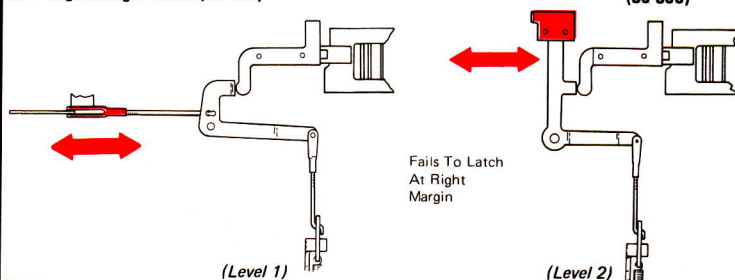
302 Tab Lever Extension (30-066)



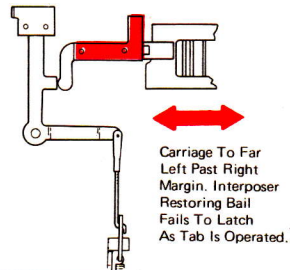
303 Latch Release Link Clevis (30-079)



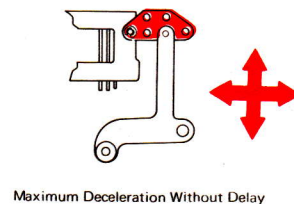
304 Right Margin Latch (30-100)



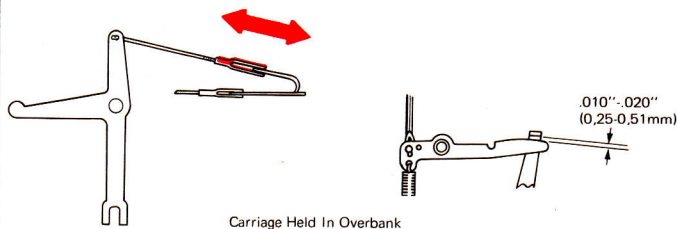
305 Final Knockout Lever (30-131)



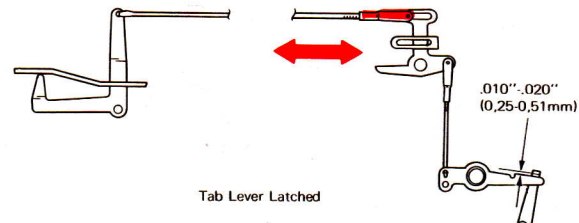
306 Tab Decelerator Link (30-144)



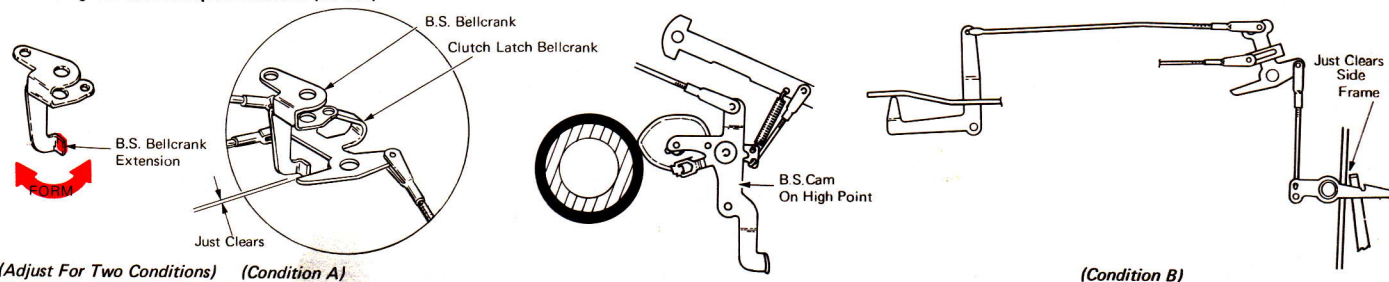
307 Carriage Return Clutch Unlatching (30-085)



308 Carriage Return Tab Interlock (30-056)

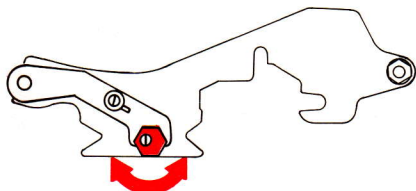


309 Carriage Return Backspace Interlock (20-038)



-42- OPEN END CARRIAGE

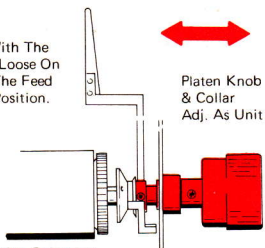
310 Ring And Cylinder (54-121)



Loosen Rear Most Screw & Locknut On Carriage End Plates & Feed Roll Center Supports. Then Adjust As In Carriage & Rails Section.

311 Platen Variable Release Lever (54-067)

NOTE: This Should Be Done With The Left Knob & Sprocket Loose On The Platen Shaft And The Feed Rolls In The Released Position.

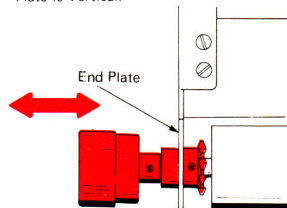


Adjust For A Positive Platen Variable Operation

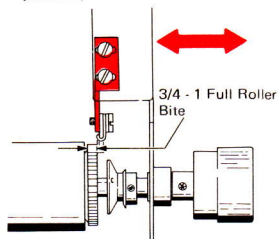
MODEL C1-C4 [13], MODEL D1-D4 [15]

312 Left Platen Knob & Sprocket (54-030)

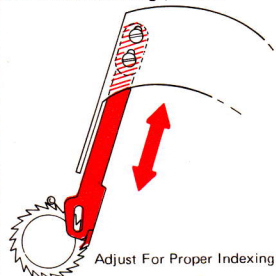
Adjust So The Carriage End Plate Is Vertical.



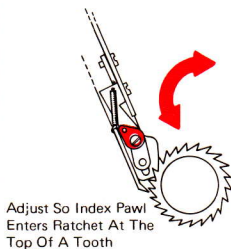
313 Detent Arm Mounting Bracket (54-077)



314 Platen Indexing (54-089)

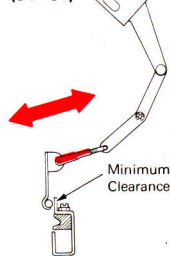


315 Eccentric Plate (54-057)



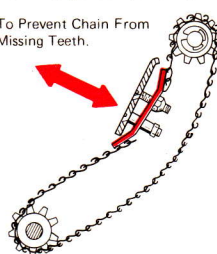
Adjust So Index Pawl Enters Ratchet At The Top Of A Tooth

316 Hand Carriage Release (54-131)



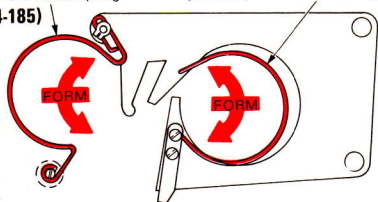
317 Chain Tightener (54-021)

To Prevent Chain From Missing Teeth.



318 Front And Rear Guides, Tensioners & Springs (54-185)

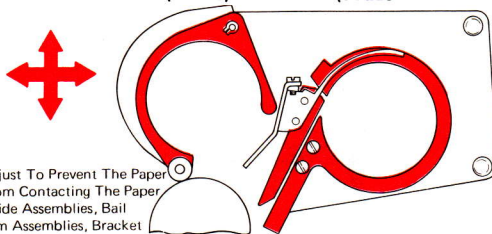
Front Guide Spring (52-173) Rear Guide Spring



Form To Allow Extension & Restoration Without Binds.

(Level 1)

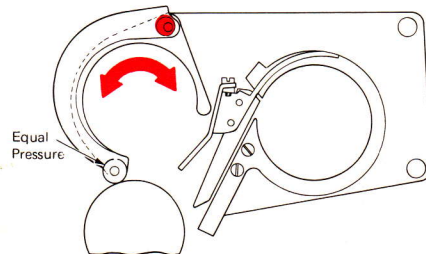
(54-226) (54-228)



Adjust To Prevent The Paper From Contacting The Paper Guide Assemblies, Bail Arm Assemblies, Bracket And Guide.

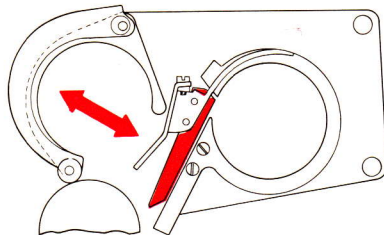
(Level 2)

319 Paper Bail Eccentric (54-151)



Equal Pressure

320 Rear Paper Guides (Level 1 54-171) (Level 2 54-227)

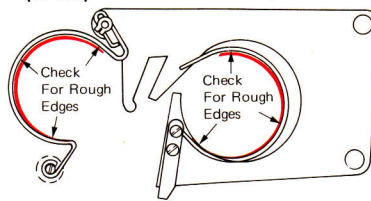


—Adjust To Take Thickness Of The Paper Without Binds.

321 Edges Of Paper Guides

(54-185)

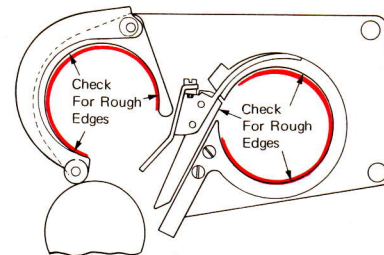
(54-173)



(Level 1)

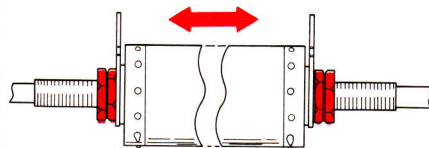
(54-226)

(54-228)



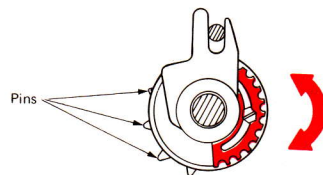
(Level 2)

322 Platen Core Lateral Position (49-026)



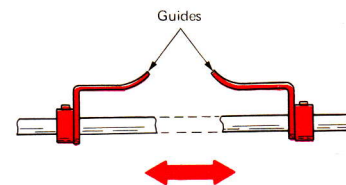
Platen Core Centered

323 Pinwheel Assembly (49-016)



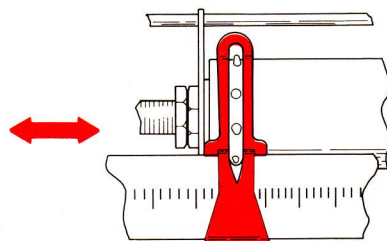
Adjust So The Lower Pin Begins To Leave Its Hole Just Above The Front Scale.

324 Form Guides (49-010)



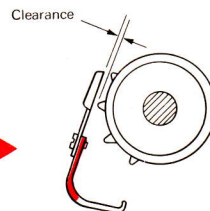
Adjust The Guides To Align The Form With The Platen Pins.

325 Feed Finger (49-030)



326 Cardholders

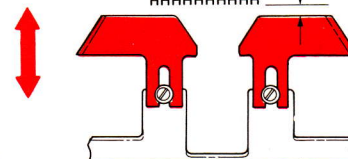
(02-177)



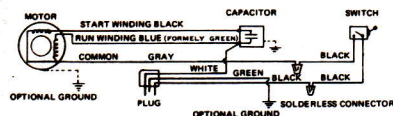
(49-033)

(49-032)

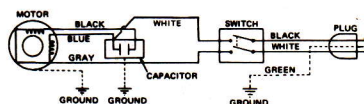
.001"-.005"
(0,03-0,13mm)



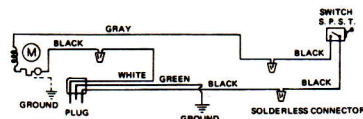
327 Motor Circuits (US)



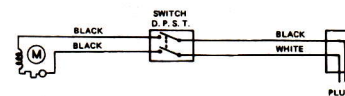
Non Double Insulated, Capacitor (S.P.S.T. Switch)



Non Double Insulated, Capacitor Start (D.P.S.T. Switch)

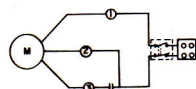


Non Double Insulated, Shaded Pole

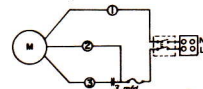


Double Insulated, Shaded Pole

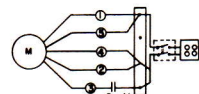
328 Motor Circuits (WT)



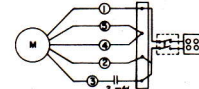
ONE-VOLTAGE MOTOR



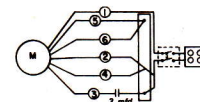
ONE-VOLTAGE MOTOR
with FUSE (UK)



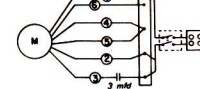
BI-VOLTAGE MOTOR 5 WIRES
connected for 110, 115 or 120 V



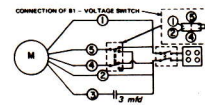
BI-VOLTAGE MOTOR 5 WIRES
connected for 220, 230 or 240 V



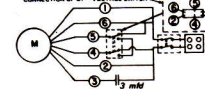
BI-VOLTAGE MOTOR 6 WIRES
connected for 110, 115 or 120 V



BI-VOLTAGE MOTOR 6 WIRES
connected for 220, 230 or 240 V



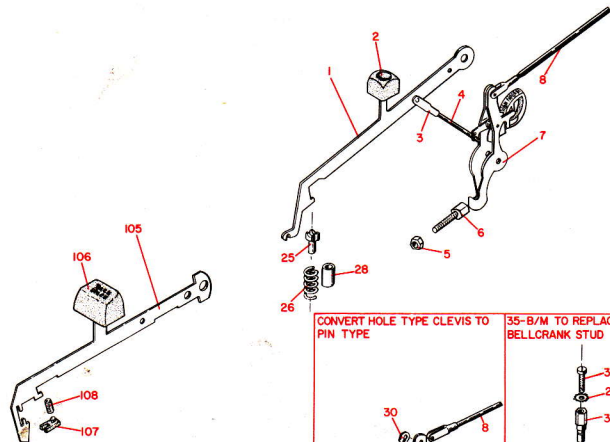
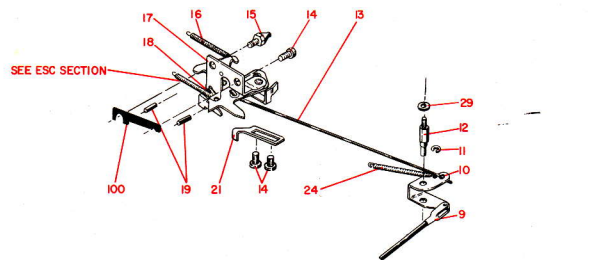
BI-VOLTAGE MOTOR 5 WIRES
connected with BI-VOLTAGE SWITCH



BI-VOLTAGE MOTOR 6 WIRES
connected with BI-VOLTAGE SWITCH

BACKSPACE
MODEL C1 & D1

MECH. CODE

01

SEE TYPEBAR OPERATING FOR CAM FULCRUM WIRE
SEE FRAMES FOR CAM STOP BRACKET

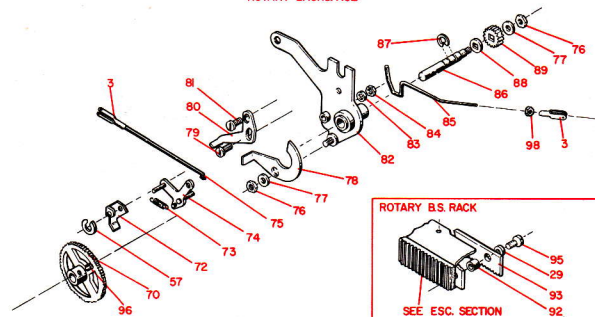
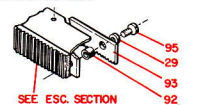
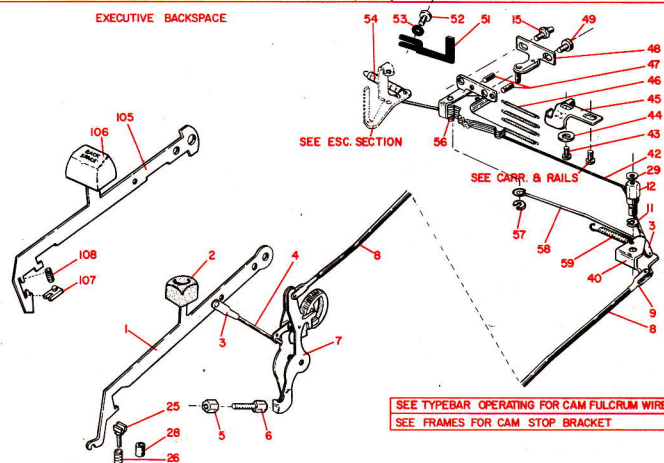
CONVERT HOLE TYPE CLEVIS TO
PIN TYPE



35-B/M TO REPLACE B.S.
BELLCRANK STUD

**BACKSPACE**
MODEL C4 & D4

MECH. CODE

01**ROTARY BACKSPACE****ROTARY B.S. RACK****EXECUTIVE BACKSPACE**

SEE TYPEBAR OPERATING FOR CAM FULCRUM WIRE
SEE FRAMES FOR CAM STOP BRACKET

MECH. CODE

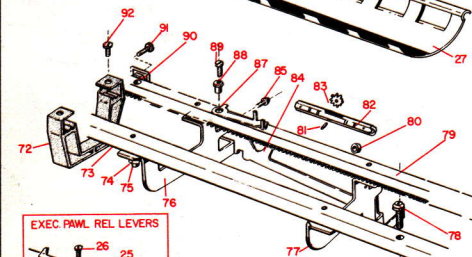
02

CARRIAGE & RAILS

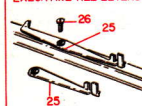
MODEL C1 & C4

54-DETENT ARM B/M
* NOT INCLUDED B/M204
205
206
62
53*65-LEVEL 2 DETENT
REL. LEVER B/M211
71
210

LEVEL 2 PAPER TABLE

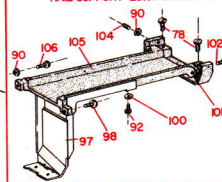


EXEC PAWL REL LEVERS



18-B/M FR REL LEVER

RAIL SUPPORT LONG CARRIAGE

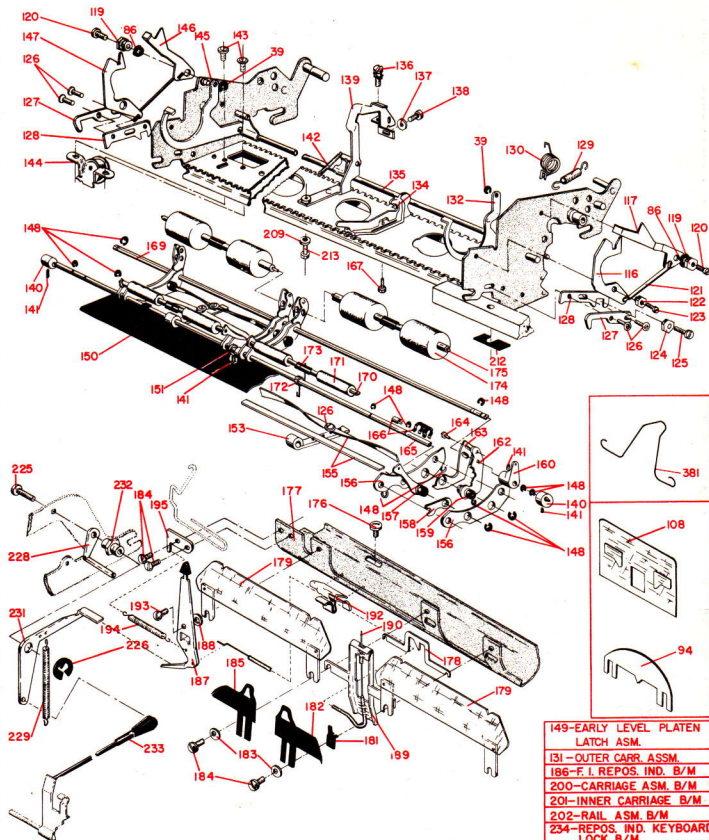


MECH. CODE

02

CARRIAGE & RAILS

MODEL C1 & C4

149-EARLY LEVEL PLATEN
LATCH ASM.

131-OUTER CARB. ASSM.

186-F.I. REPOS. IND. B/M

200-CARRIAGE ASM. B/M

201-INNER CARRIAGE B/M

202-RAIL ASM. B/M

234-REPOS. IND. KEYBOARD
LOCK B/M

366-TRUCK ASM.