

35 TYPING REPERFORATOR (LPR)

LUBRICATION

CONTENTS	PAGE
1. GENERAL	1
2. BASIC UNIT	2
Axial positioning mechanism	11, 12
Detent assemblies	12
Feed mechanism	5
Function box mechanism	10
Function cam-clutch trip mechanism	14
Jack shaft mechanism	16
Mainshaft mechanism	7
Perforator mechanism	4
Printing mechanism	13
Punch mechanism	5
Pushbars	8
Range finder mechanism	7
Ribbon carrier mechanism	15
Ribbon feed mechanism	3
Ribbon shift contact mechanism	12
Ribbon shift magnet	14
Rocker bail mechanism	13
Rotary positioning mechanism	6
Selecting mechanism	6
Tape depressor mechanism	16
Transfer mechanism	8
Typing reperforator (left front view)	2
Typing reperforator (right rear view)	9
3. VARIABLE FEATURES	17
Manual backspace mechanism	17
Power drive backspace mechanism (early design)	17
Power drive backspace mechanism (latest design)	18
Remote control noninterfering rub- out tape feed-out mechanism	19-23

revision, marginal arrows ordinarily used to indicate changes have been omitted.

1.02 This section provides lubrication information for the 35 typing reperforator. General areas of the equipment are shown by photographs. Specific points to receive lubricant are indicated by line drawings and descriptive text. The symbols in the text indicate the following directions:

<u>Symbol</u>	<u>Meaning</u>
O1	Apply one drop of oil.
O2	Apply two drops of oil
O3	Apply three drops of oil, etc.
G	Apply thin coat of grease.
SAT	Saturate with oil. (Felt washers, etc.)

KS7470 oil and KS7471 grease should be used.

1.03 The equipment should be thoroughly lubricated, but over-lubrication which might allow oil to drop or grease to be thrown on other parts should be avoided. Special care should be exercised to prevent lubricant from getting between armatures and pole faces or between electrical contact points.

1.04 The following general instructions supplement the specific lubricating points illustrated on subsequent pages:

- Apply one drop of oil to all spring hooks.
- Apply a light film of oil to all cam surfaces.
- Apply a thick coat of grease to all gears.
- Saturate all felt washers, oilers, etc.
- Apply oil to all pivot points.
- Apply oil to all sliding surfaces.

1. GENERAL

1.01 This section is reissued to include additional lubrication procedures for the 35 typing reperforator. Since this is an extensive

1.05 All equipment should be lubricated before being placed in service or prior to storage. After a few weeks of service, relubricate to make certain that all specified points have received lubricant. Thereafter, the following schedule should be adhered to:

Operating
Speed

60 W.P.M.
75 W.P.M.
100 W.P.M.

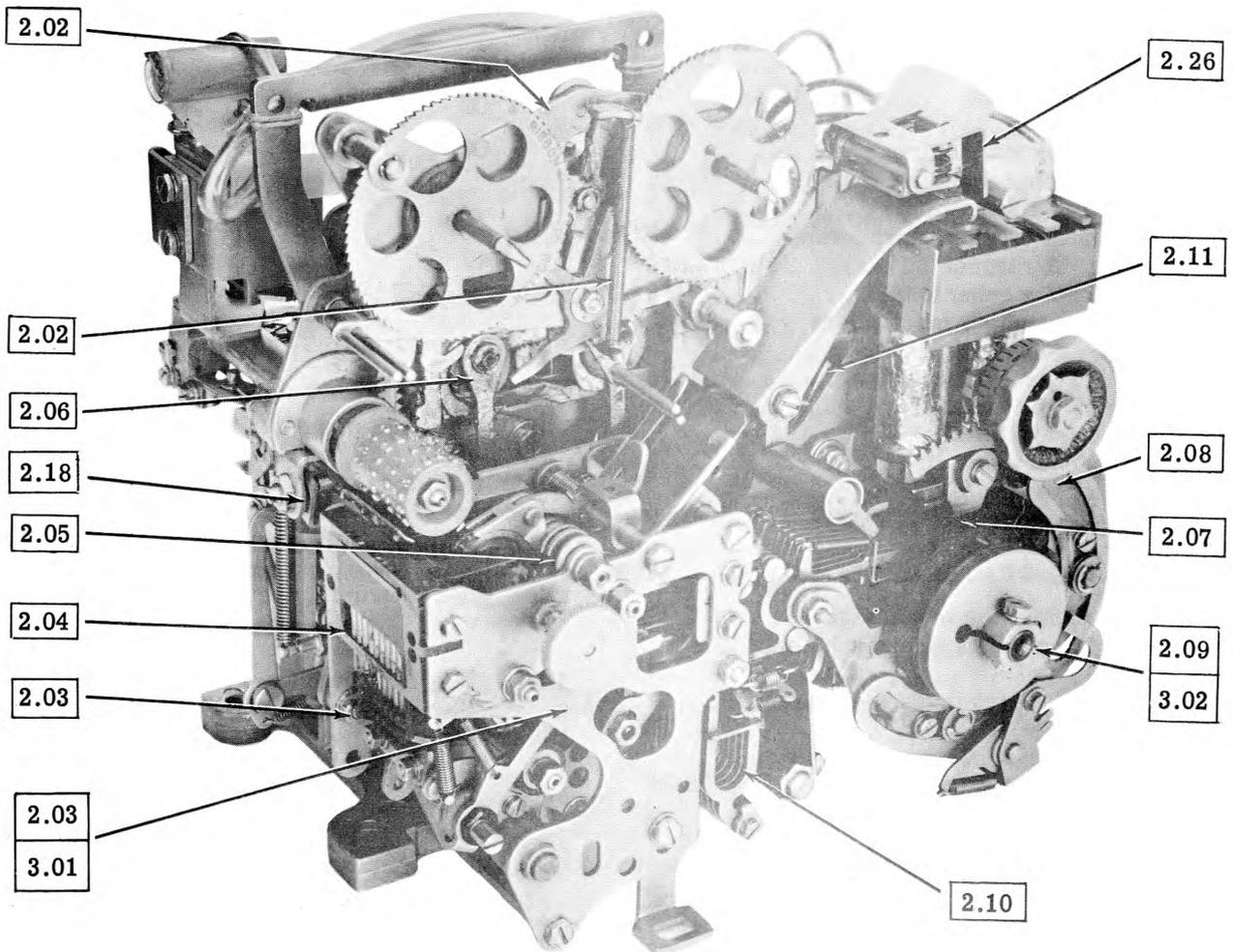
Lubrication
Interval

3000 hours or 1 year *
2400 hours or 9 months *
1500 hours or 6 months *

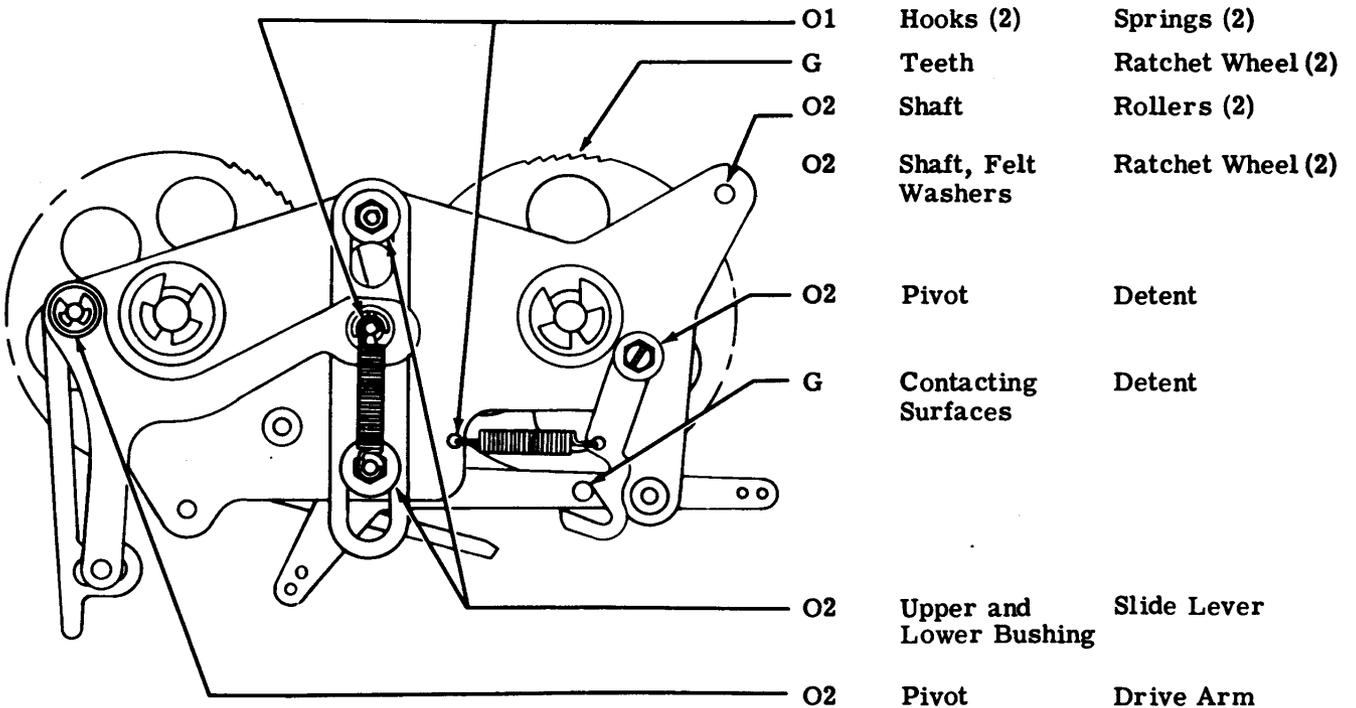
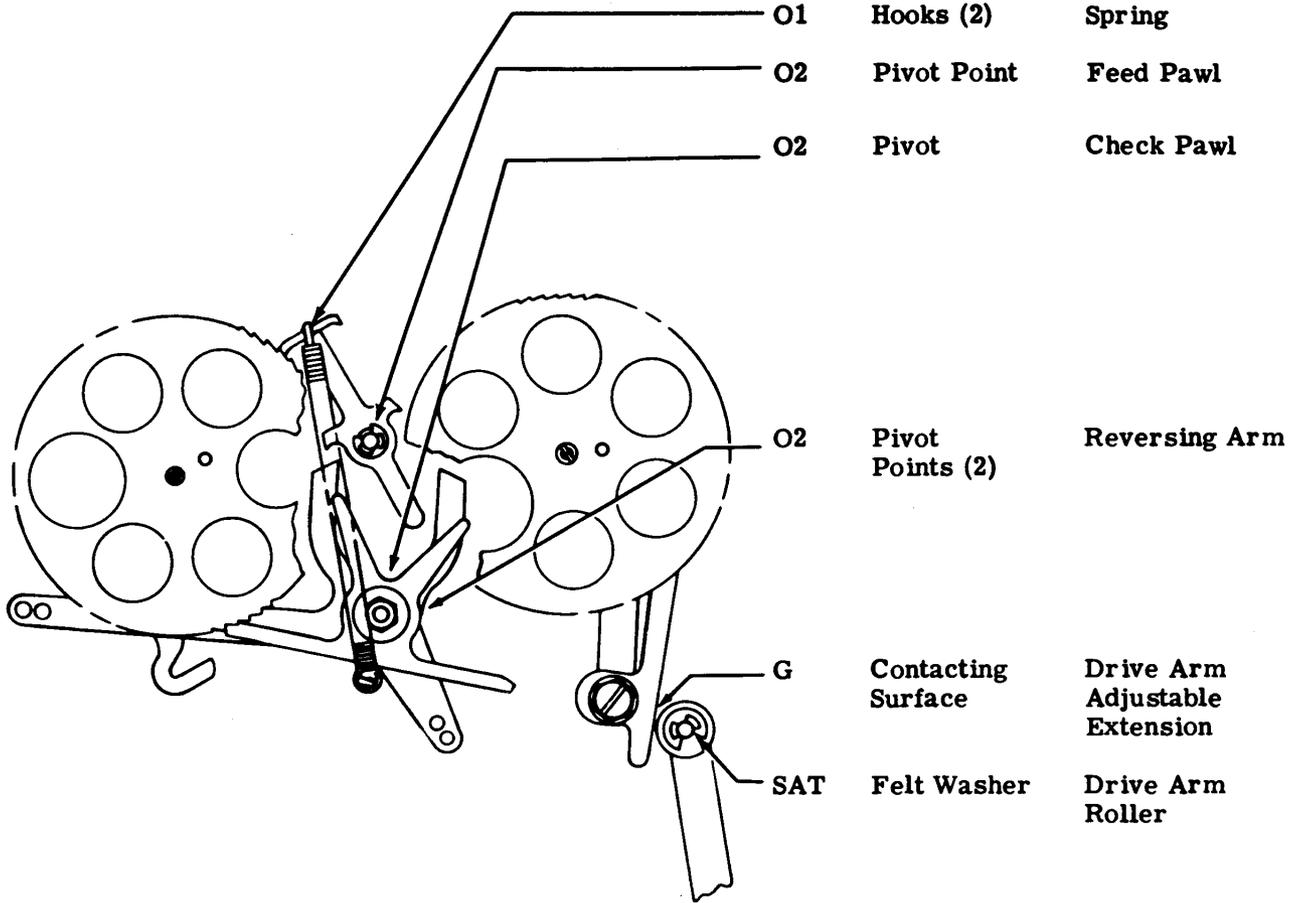
* Whichever occurs first.

2. BASIC UNIT

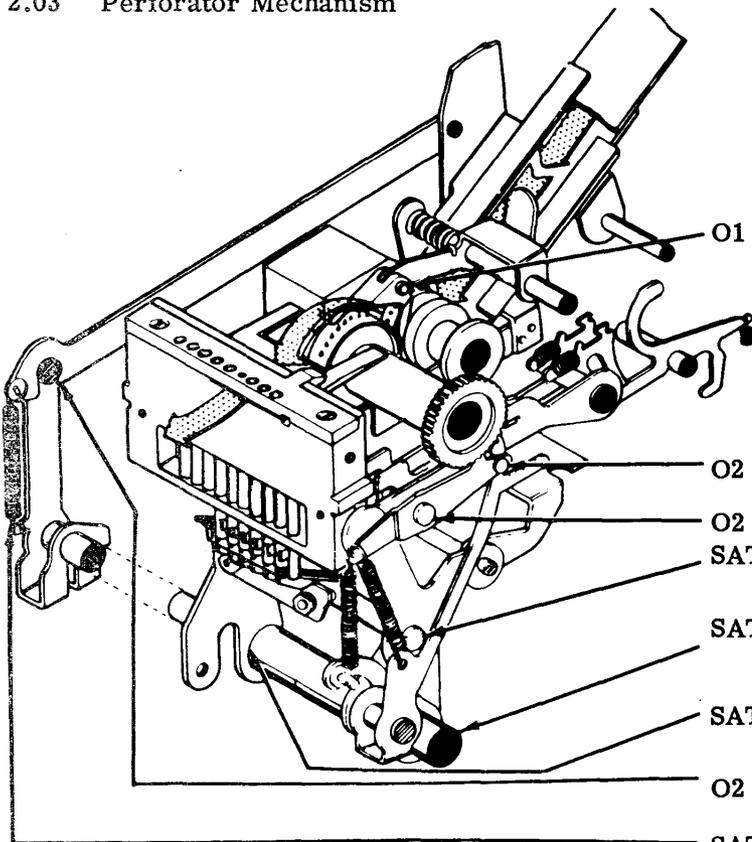
2.01 Typing Reperforator (Left Front View)



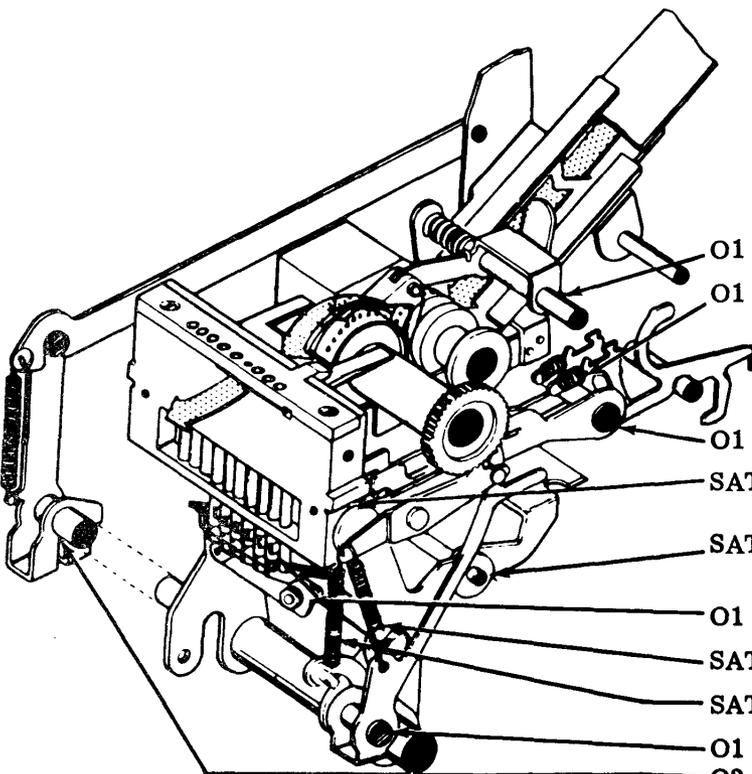
2.02 Ribbon Feed Mechanism



2.03 Perforator Mechanism

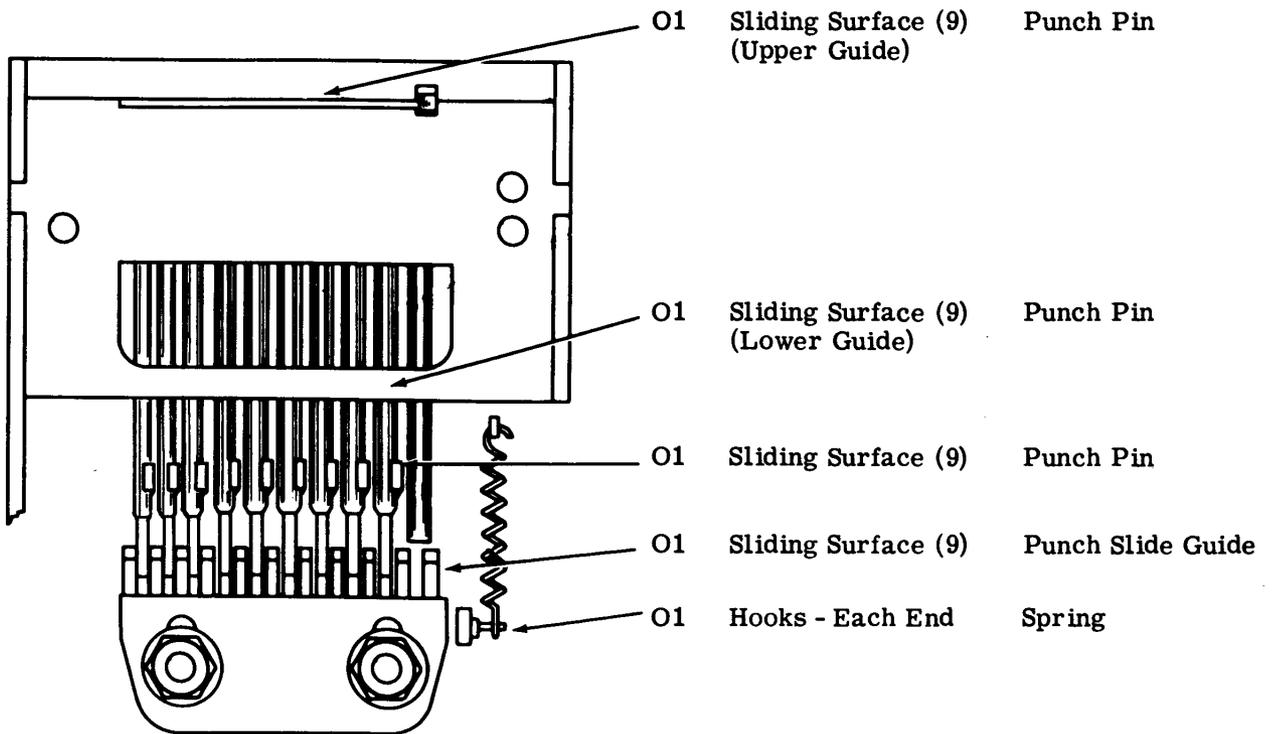


- O1 Pivot Point Tape Shoe
- O2 Roller Detent Lever
- O2 Pivot Point Detent Lever
- SAT Pivot Points (4) (Felt Washers) Front and Rear Toggle Link
- SAT Pivot Points (2) (Felt Washers) Toggle Bail
- SAT Pivot Points (2) (Felt Washers) Toggle Bail
- O2 Pivot Points (2) Punch Drive Link
- SAT Felt Wick Drive Link Spring

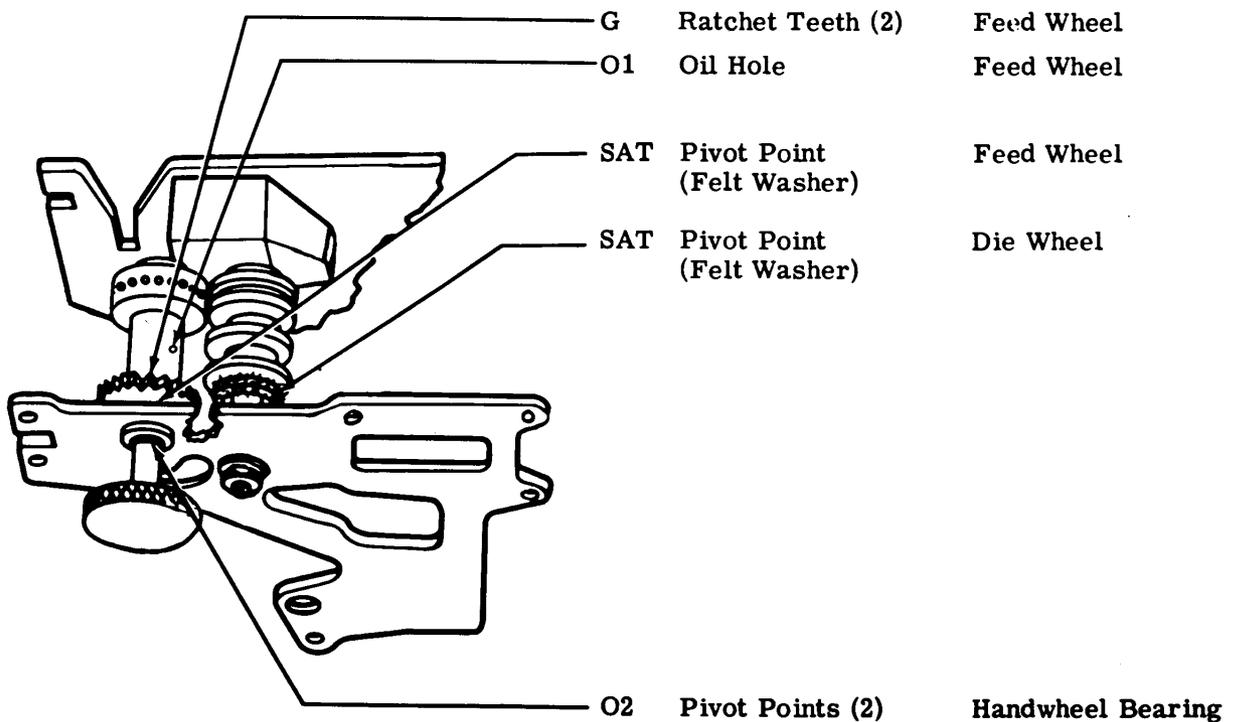


- O1 Pivot Points (2) Tape Shoe Arm
- O1 Hooks - Each End Springs
- O1 Pivot Points (9) Punch Slides
- SAT Felt Strip Oscillating Slide Post
- SAT Pivot Points (2) (Felt Washers) Reset Bail
- O1 Contact Surfaces (9) Punch Slides
- SAT Felt Wick Feed Pawl Spring
- SAT Felt Wick Detent Spring
- O1 Pivot Points (2) Feed Pawl
- O2 Pivot Points (2) Rocker Arm

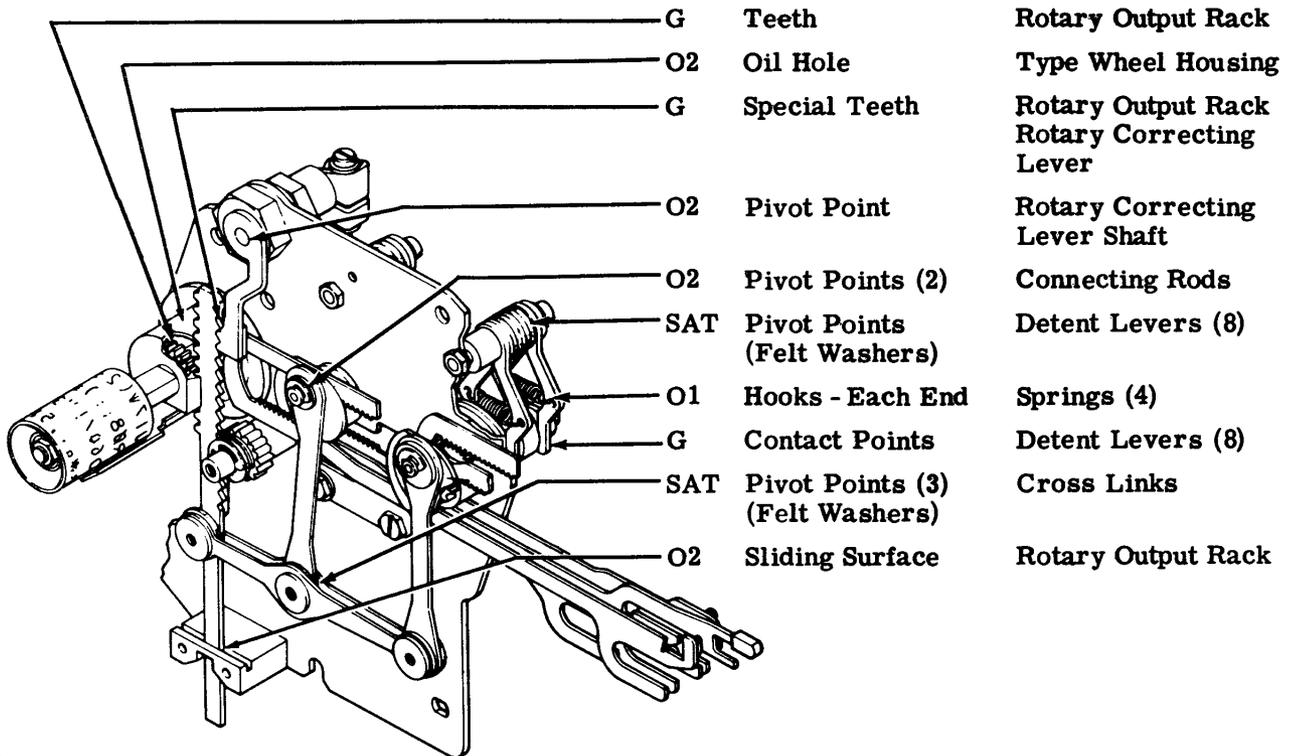
2.04 Punch Mechanism



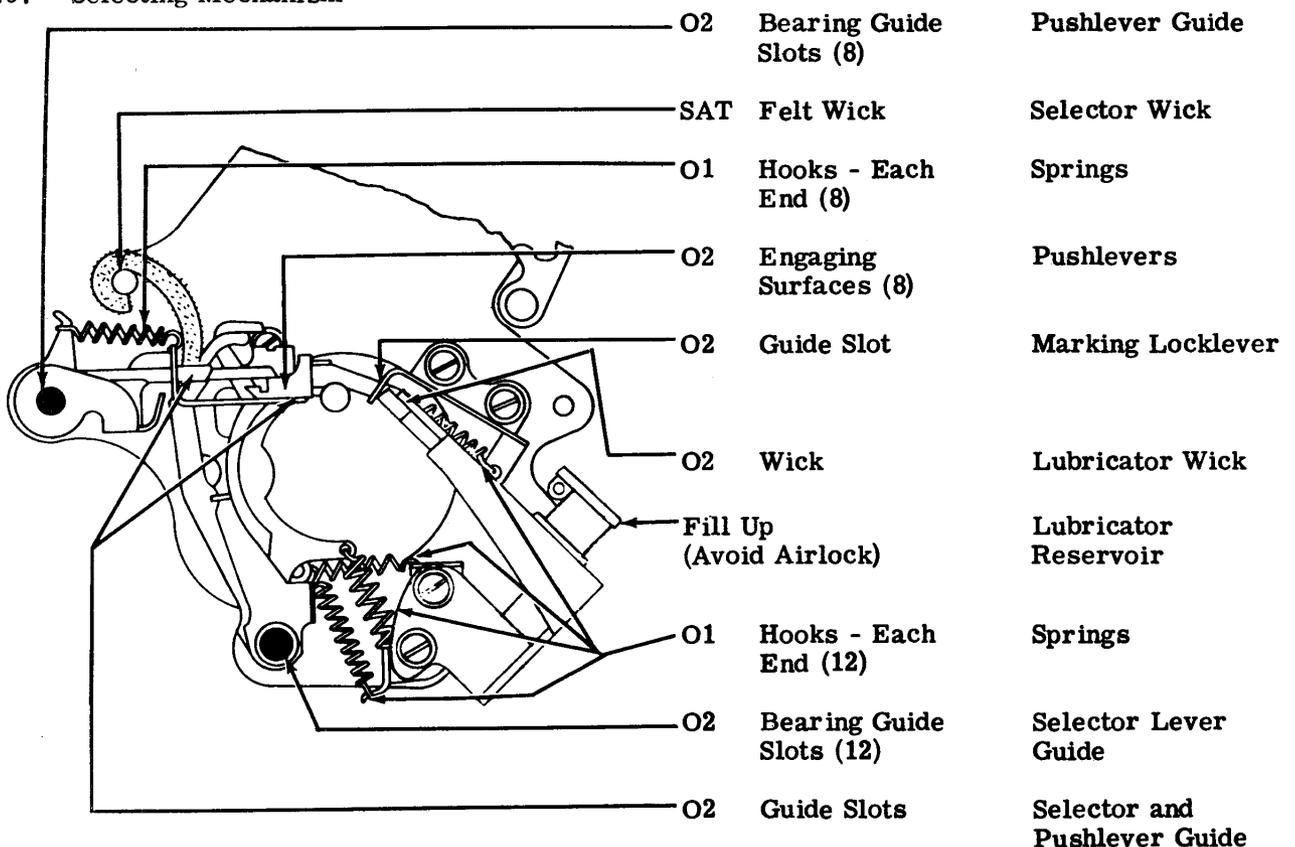
2.05 Feed Mechanism



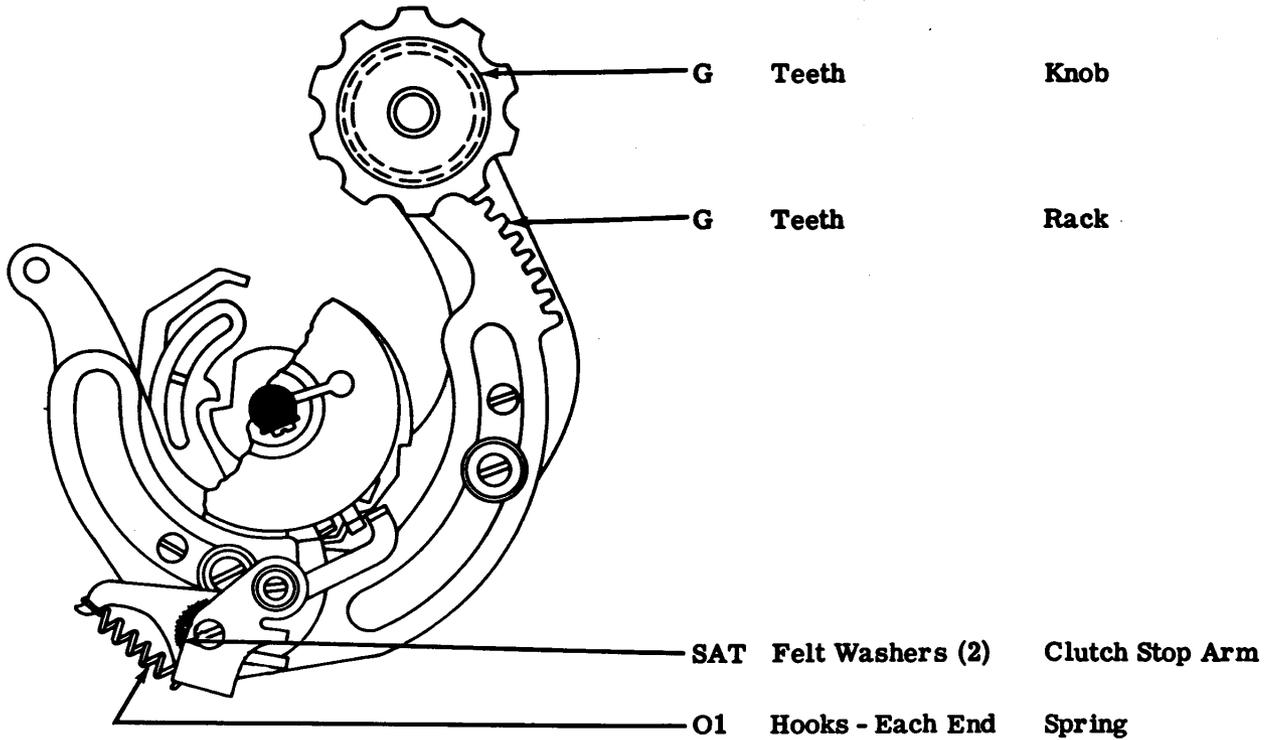
2.06 Rotary Positioning Mechanism



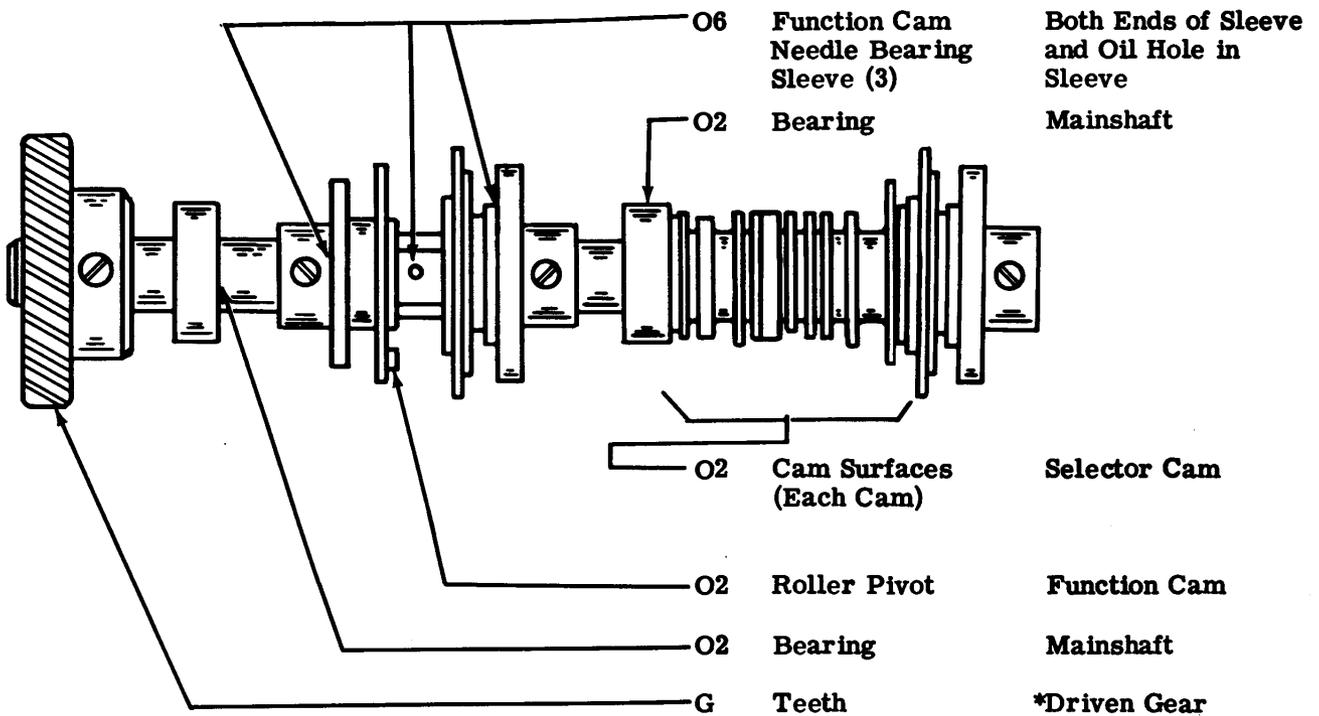
2.07 Selecting Mechanism



2.08 Range Finder Mechanism

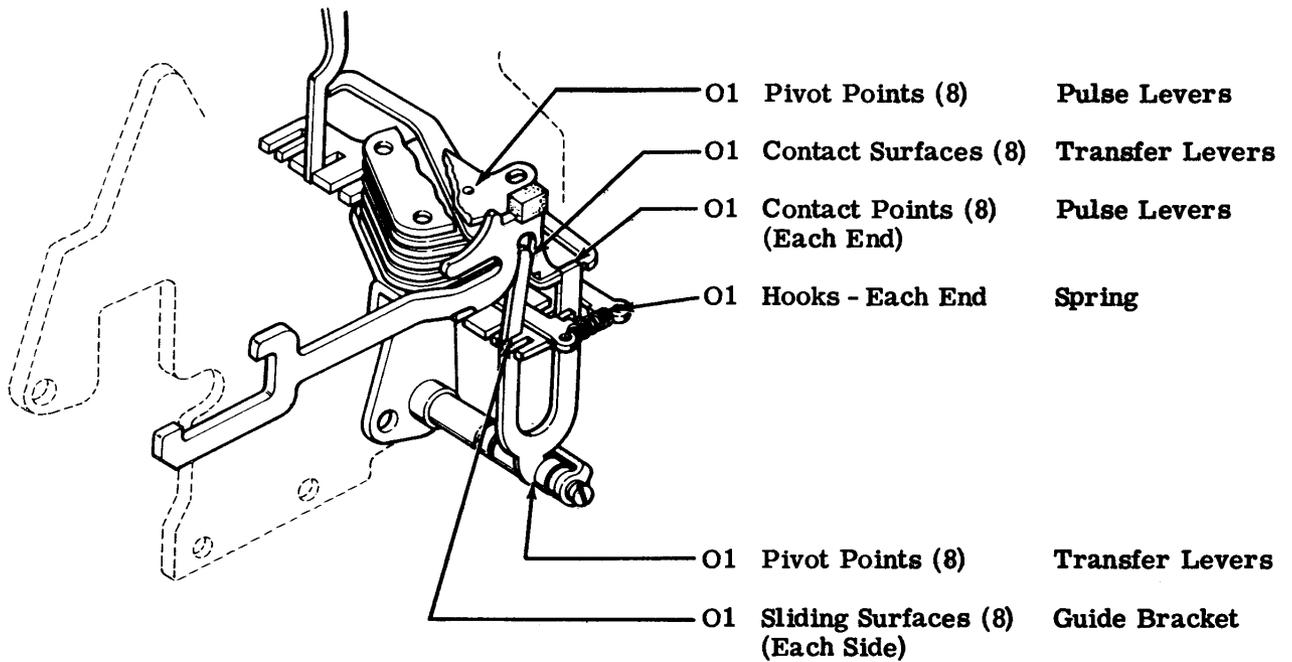


2.09 Mainshaft Mechanism

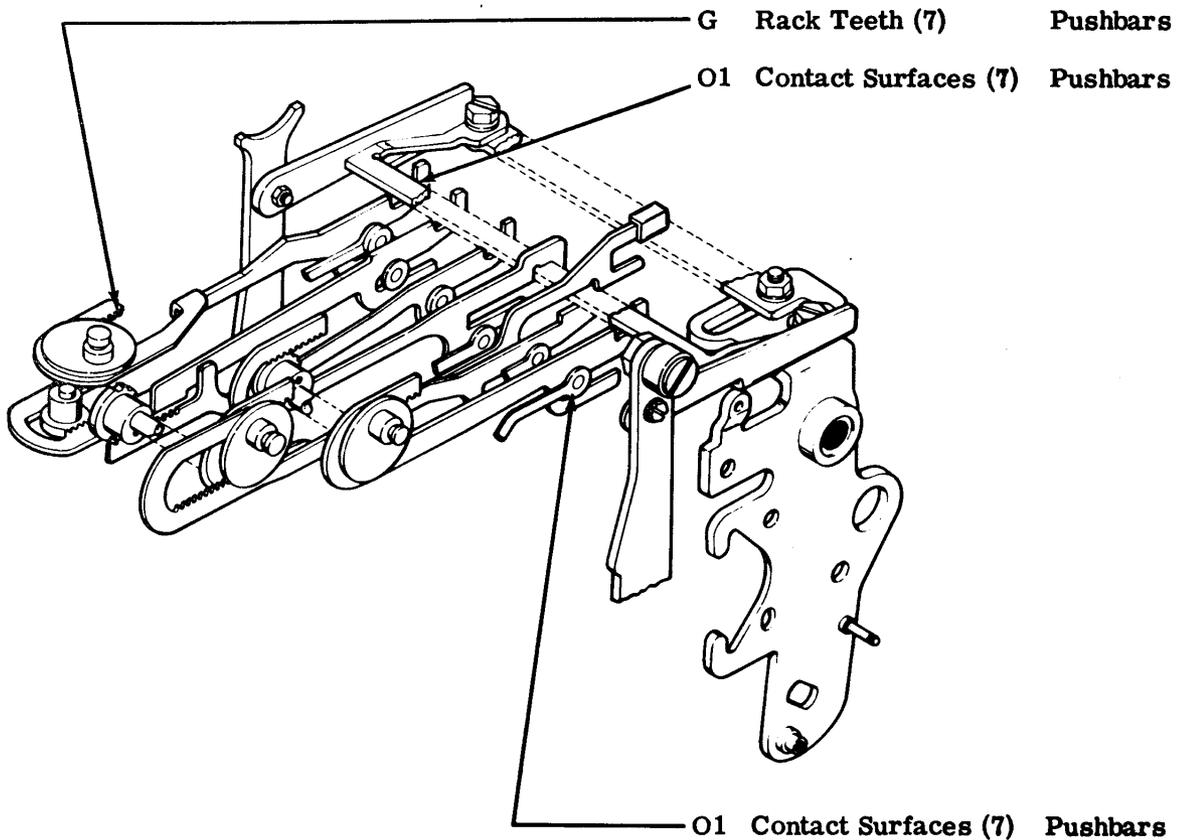


*Note: Do not lubricate when unit is equipped with a belt driven sprocket.

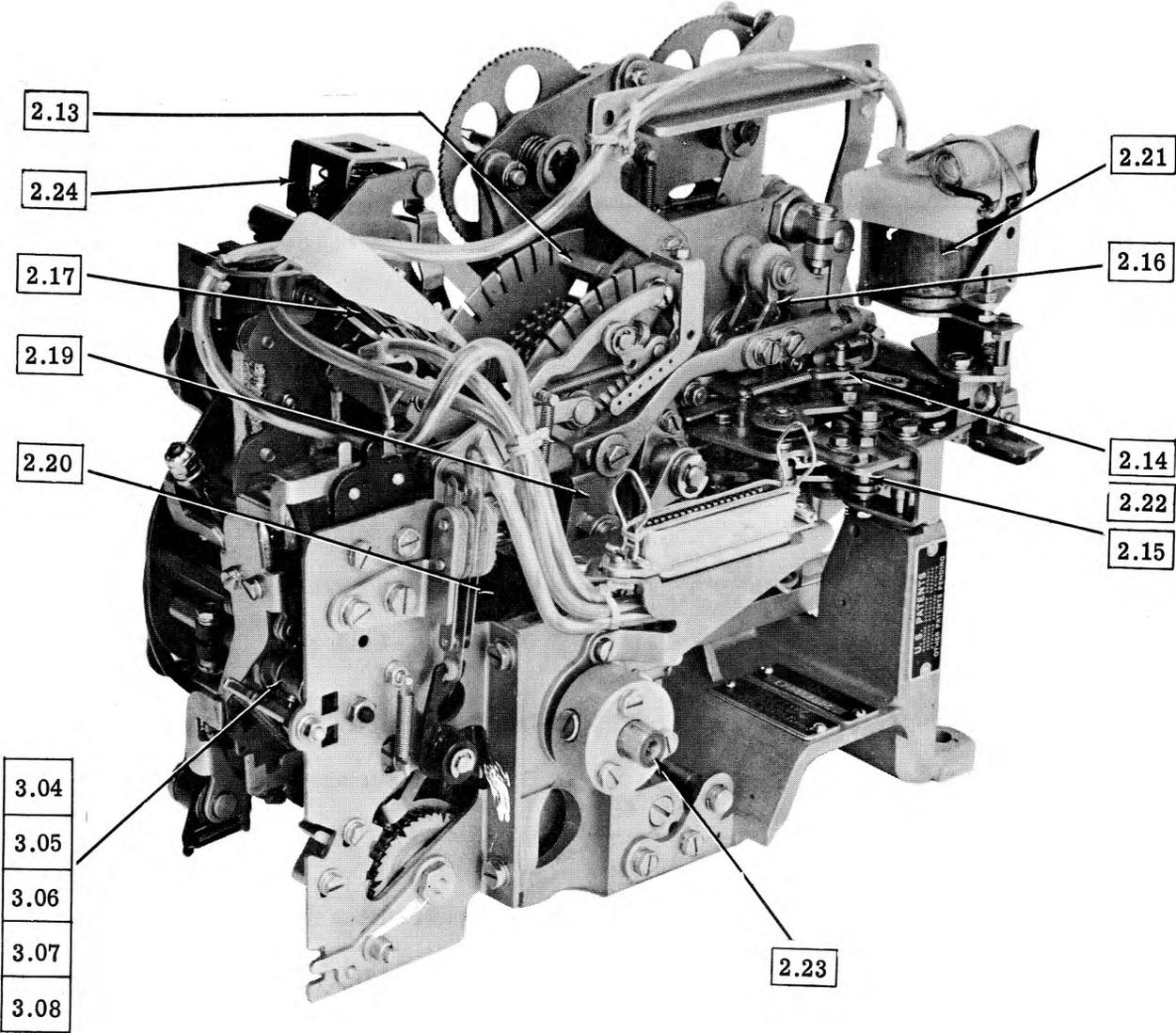
2.10 Transfer Mechanism



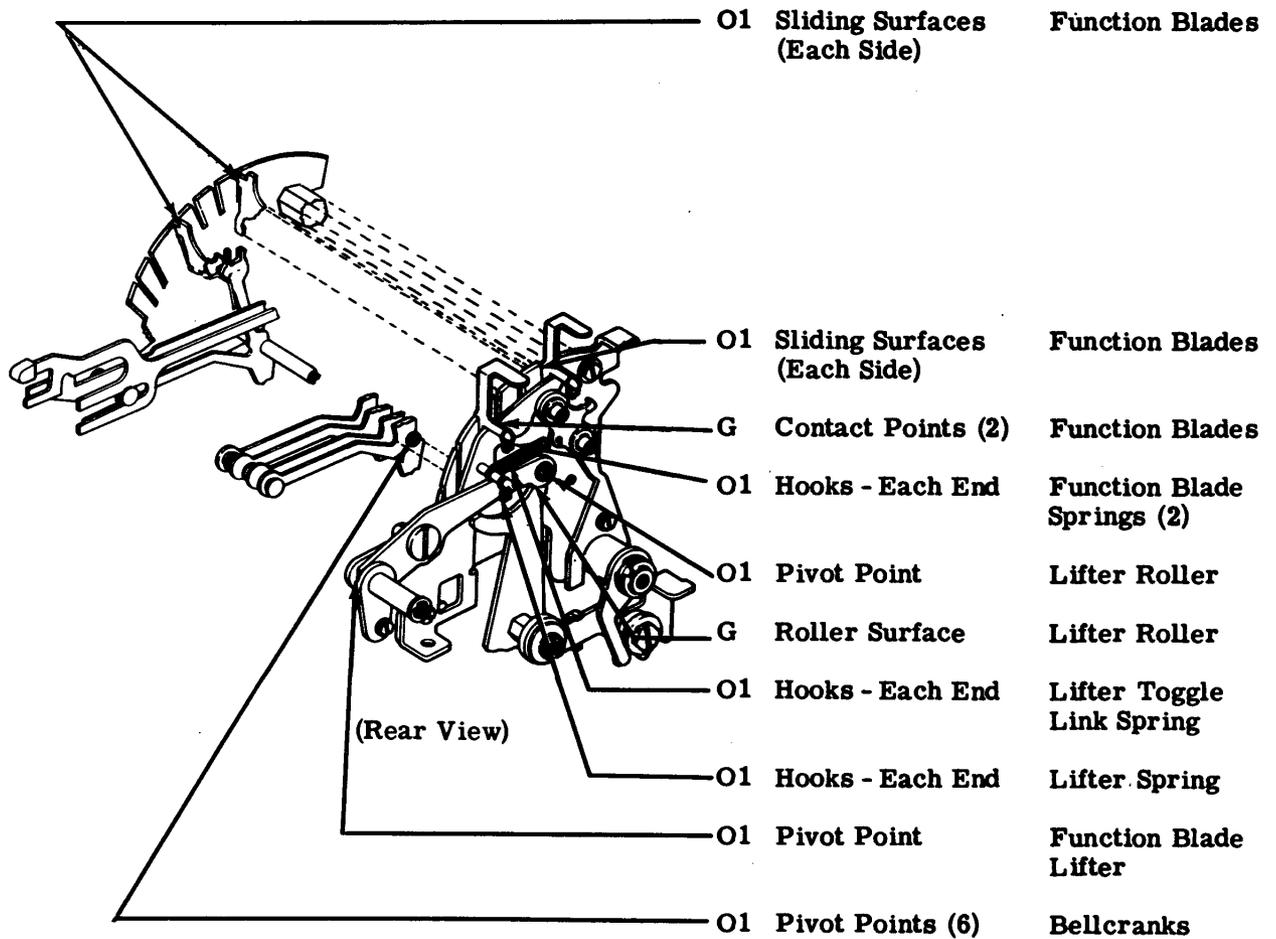
2.11 Pushbars



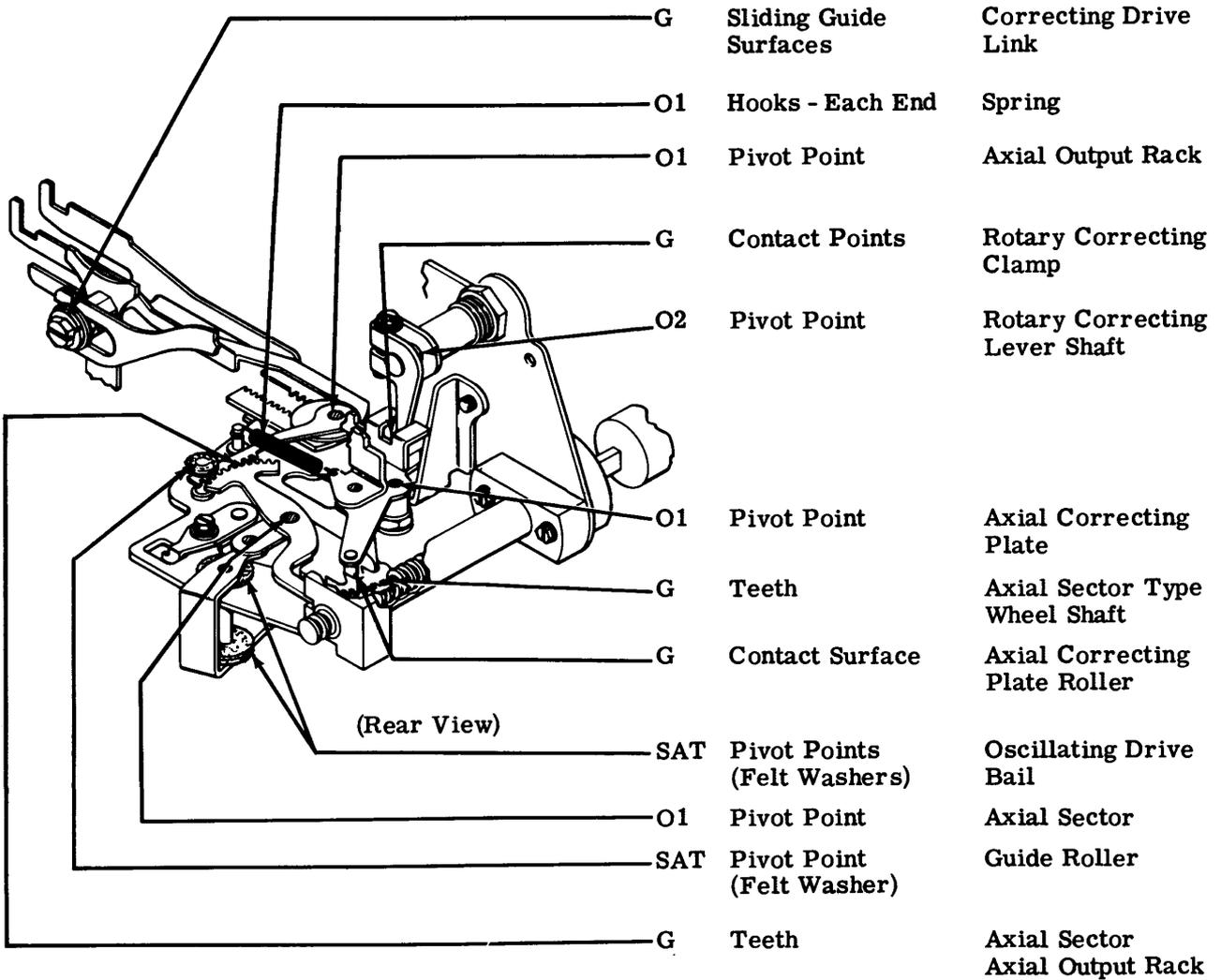
2.12 Typing Reperforator (Right Rear View)



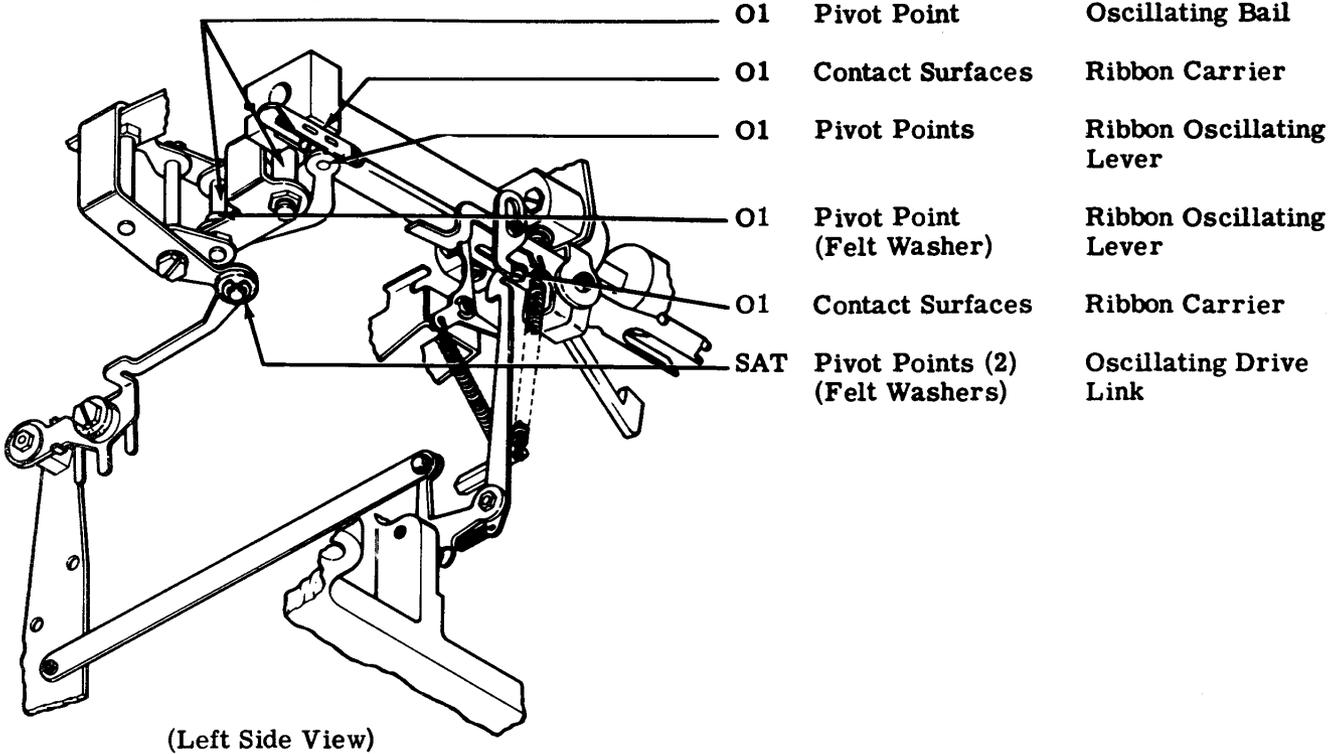
2.13 Function Box Mechanism



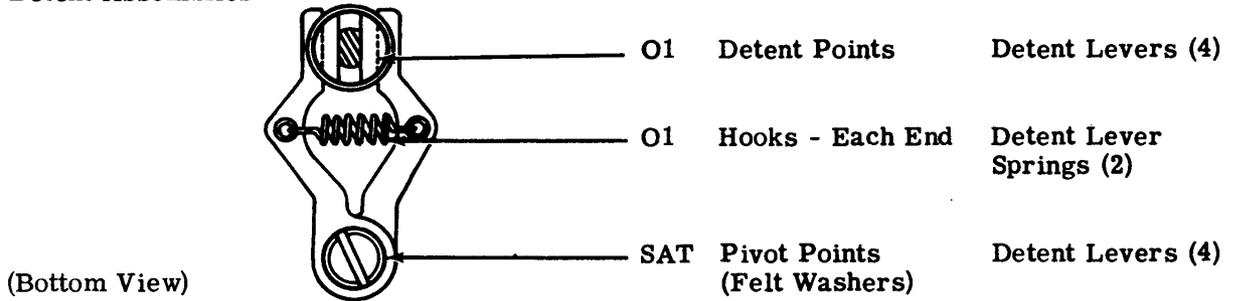
2.14 Axial Positioning Mechanism



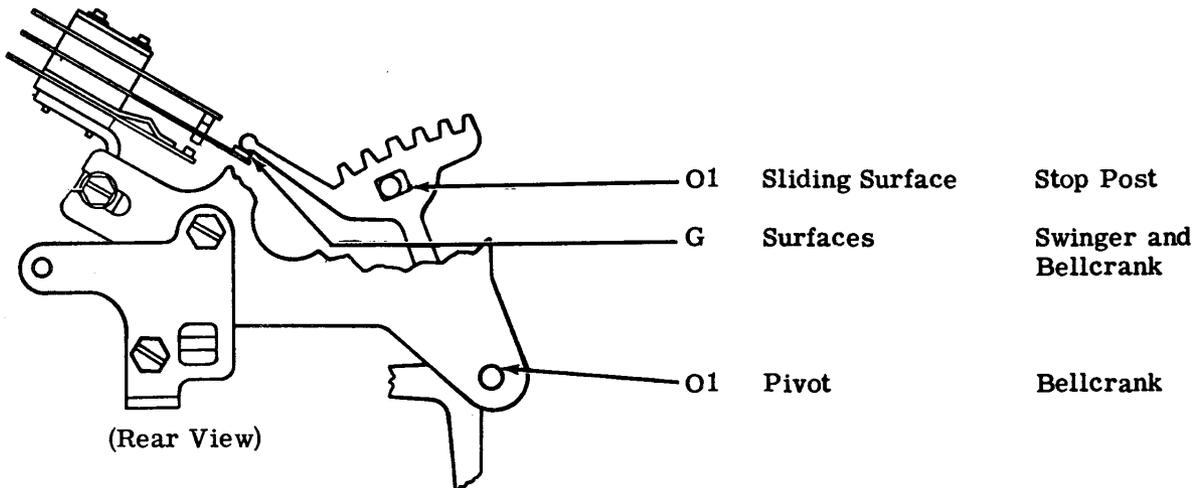
2.15 Axial Positioning Mechanism (continued)



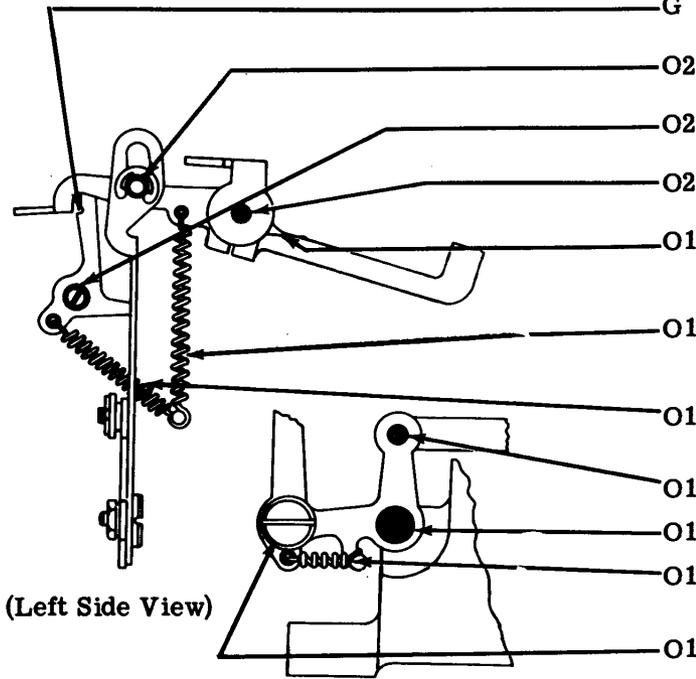
2.16 Detent Assemblies



2.17 Ribbon Shift Contact Mechanism



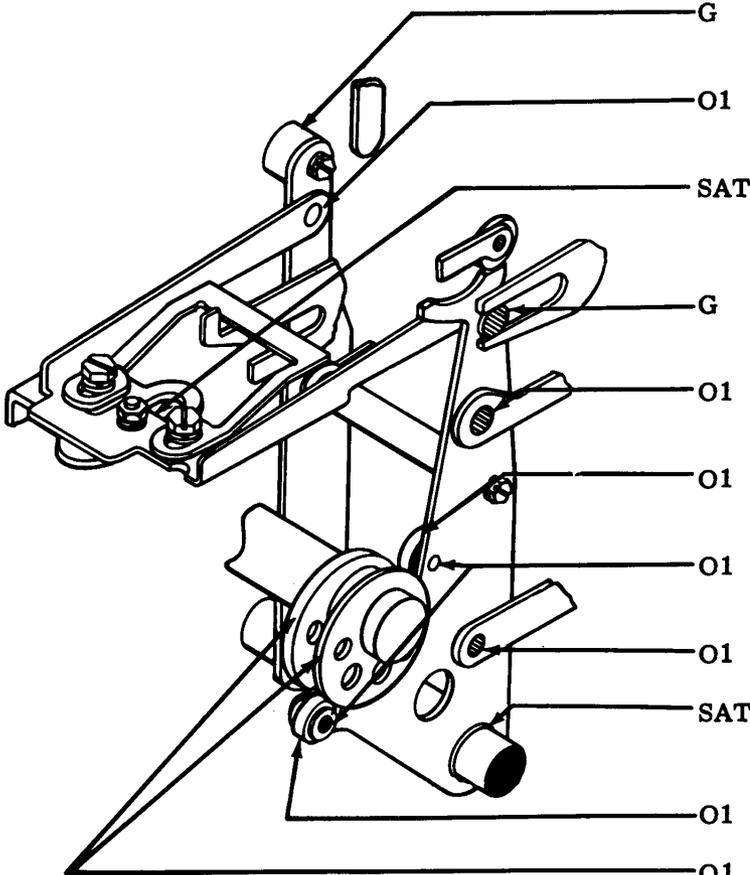
2.18 Printing Mechanism



(Left Side View)

- | | | |
|----|------------------|---------------------------|
| G | Contact Surface | Printing Latch |
| O2 | Sliding Surface | Printing Trip Link |
| O2 | Pivot Point | Printing Latch |
| O2 | Pivot Points | Print Hammer |
| O1 | Hooks - Each End | Print Hammer Spring |
| O1 | Hooks - Each End | Hammer Accelerator Spring |
| O1 | Hooks - Each End | Printing Latch Spring |
| O1 | Pivot Point | Printing Drive Link |
| O1 | Pivot Point | Printing Pivot Arm |
| O1 | Hooks - Each End | Printing Trip Link Spring |
| O1 | Pivot Points (2) | Printing Pivot Arm |

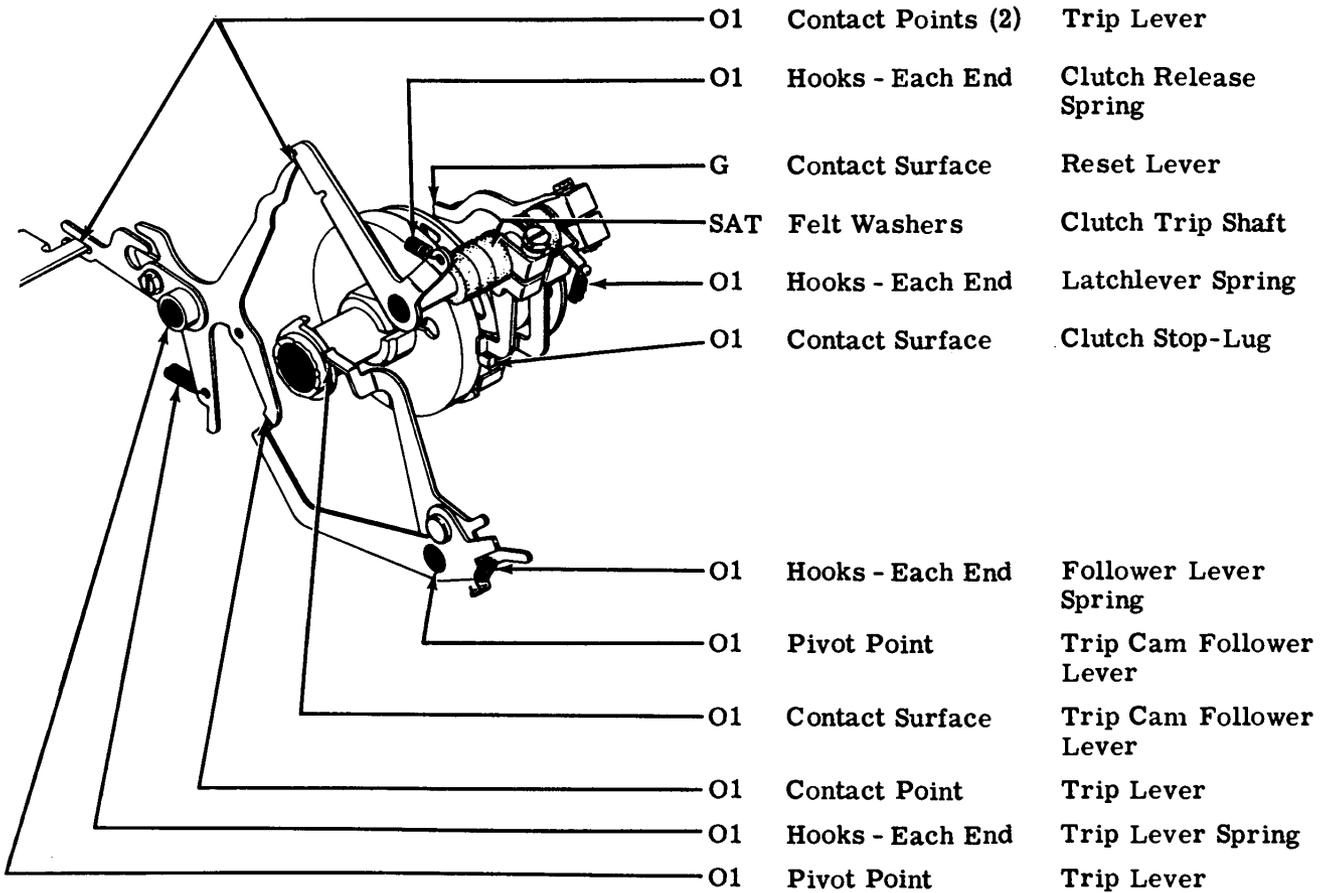
2.19 Rocker Bail Mechanism



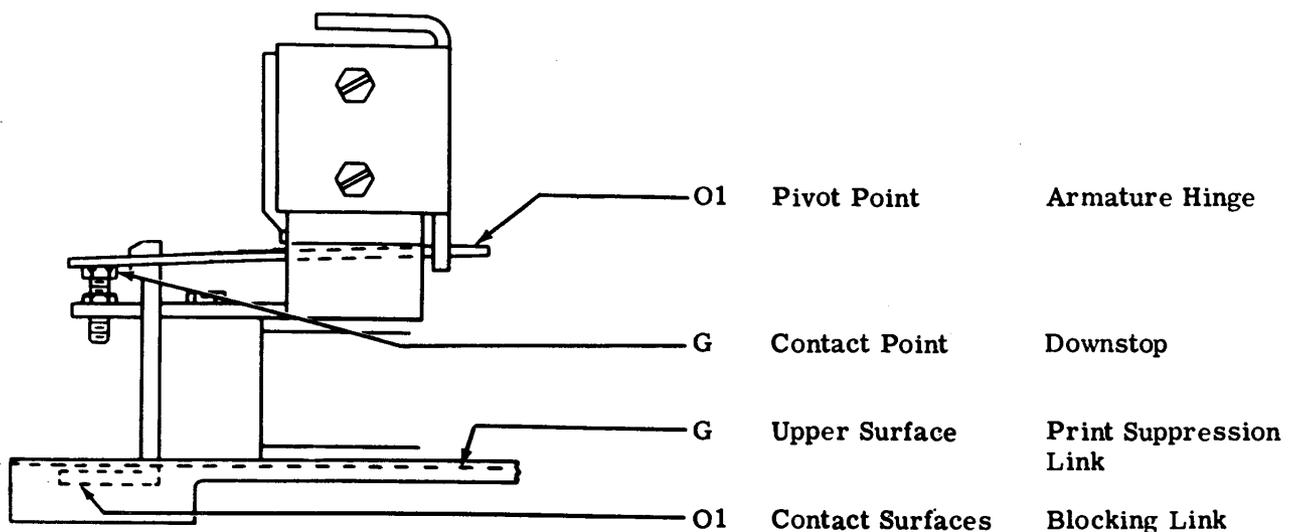
(Rear View)

- | | | |
|-----|---|---------------------------------------|
| G | Contact Surface | Ribbon Feed Eccentric Stud |
| O1 | Pivot Points | Pushbar Operating Blade |
| SAT | Sliding Surface (Felt Washer Under Blade) | Pushbar Operating Blade |
| G | Pivot Point | Correcting Drive Link |
| O1 | Pivot Point | Oscillating Drive Link |
| O1 | Roller Surface | Cam Follower Roller (Upper and Lower) |
| O1 | Pivot Points | Cam Follower Rollers |
| O1 | Pivot Point | Printing Drive Link |
| SAT | Pivot Point (Felt Strip) | Rocker Bail |
| O1 | Roller Surface | Cam Follower Roller |
| O1 | Contact Surface | Function Cam |

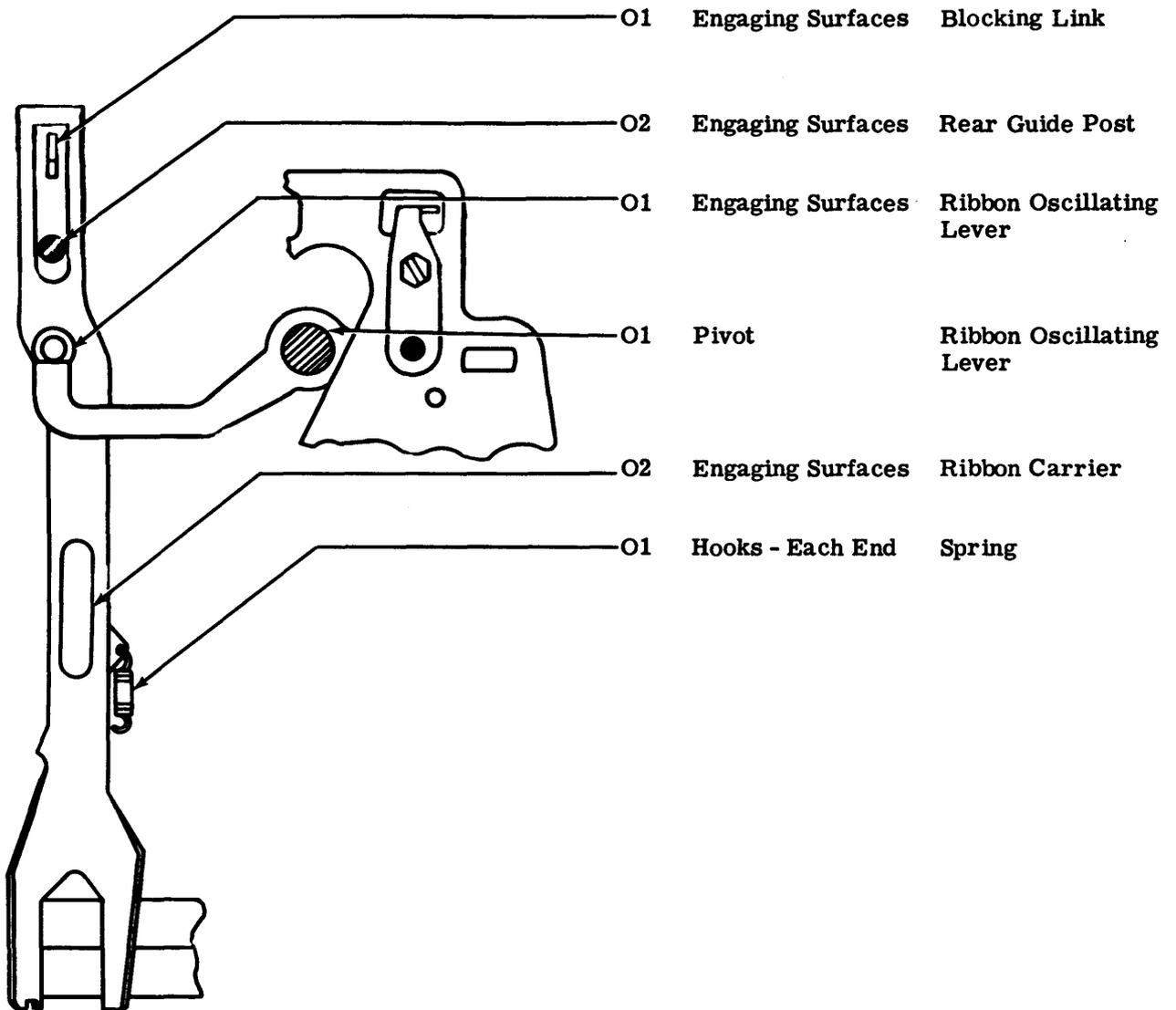
2.20 Function Cam-Clutch Trip Mechanism



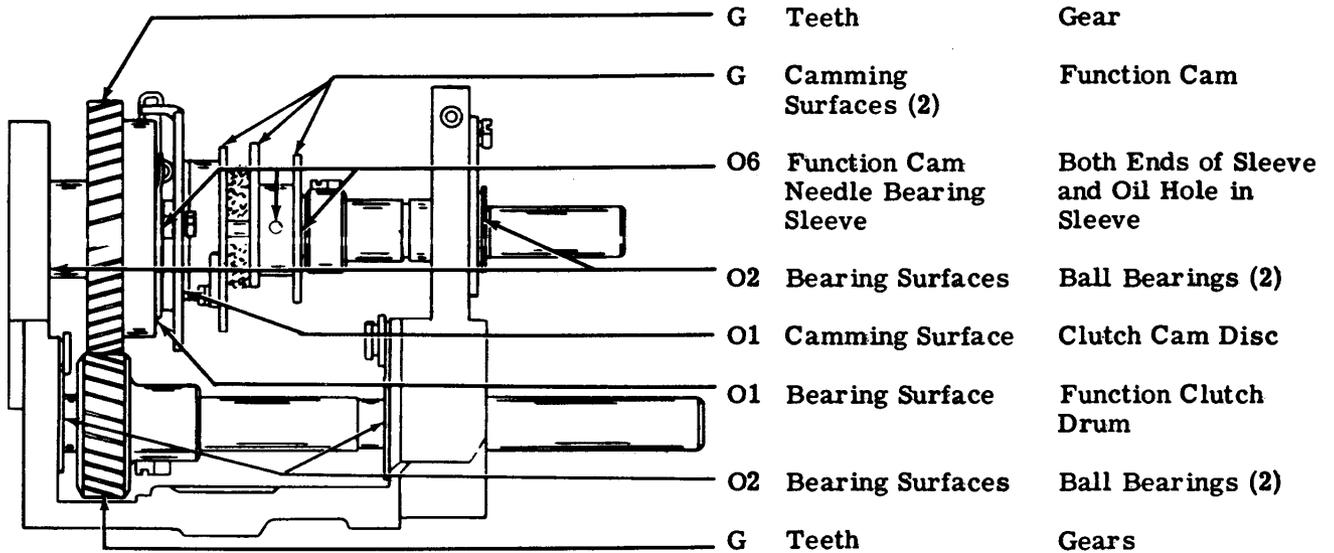
2.21 Ribbon Shift Magnet



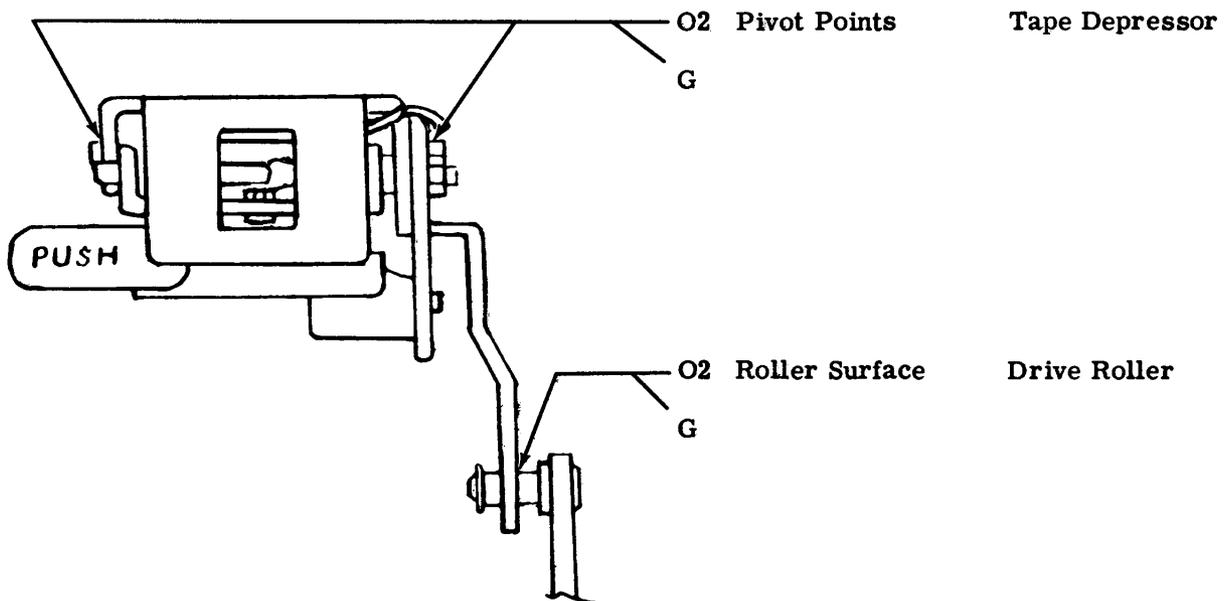
2.22 Ribbon Carrier Mechanism



2.23 Jack Shaft Mechanism

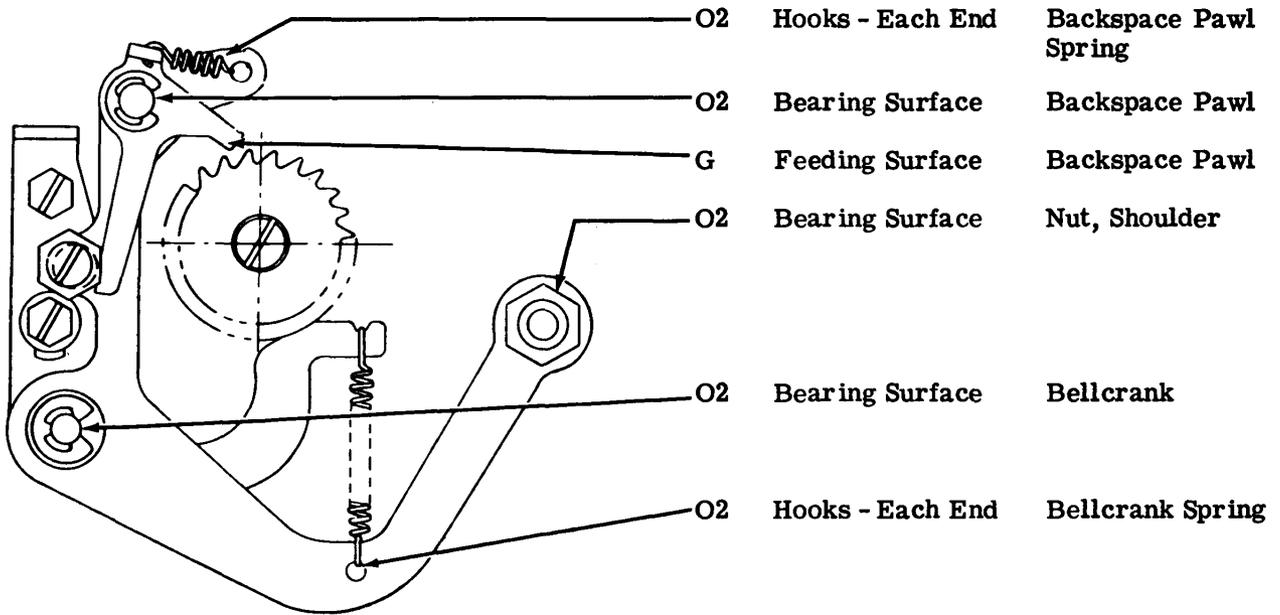


2.24 Tape Depressor Mechanism

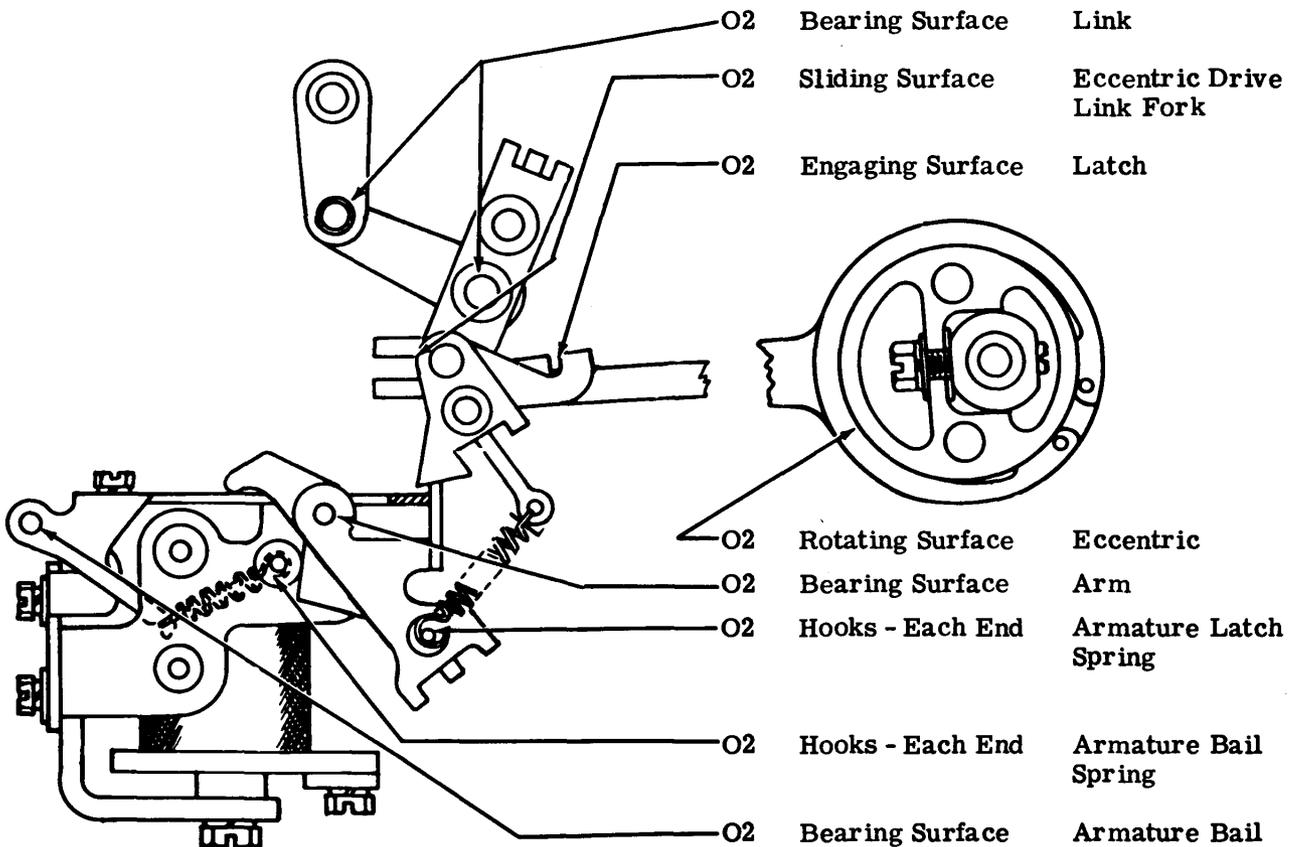


3. VARIABLE FEATURES

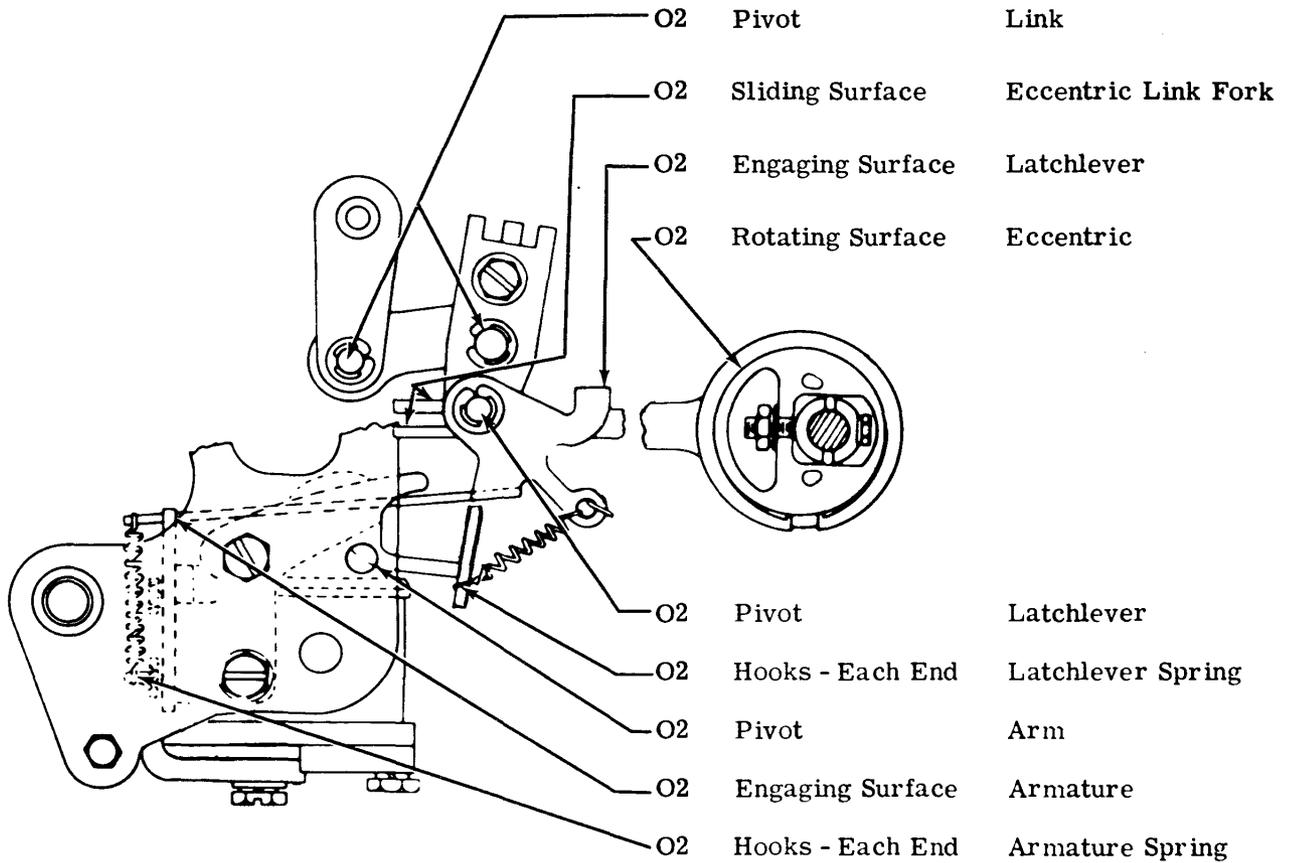
3.01 Manual Backspace Mechanism



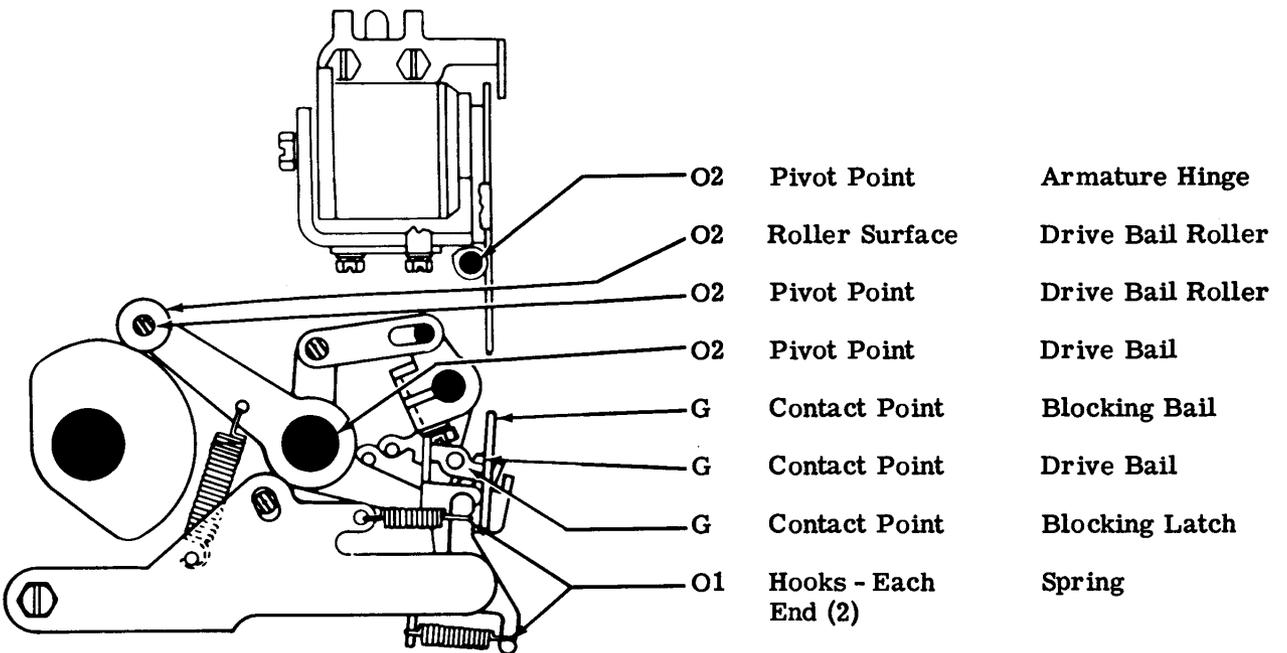
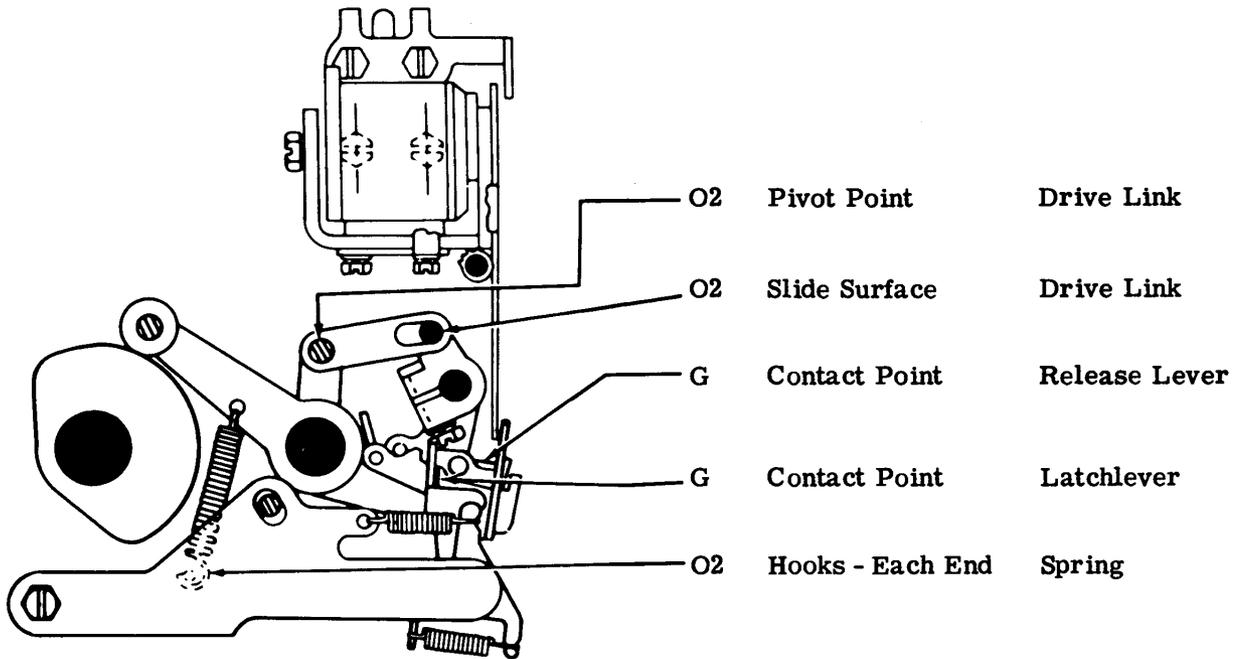
3.02 Power Drive Backspace Mechanism (Early Design)



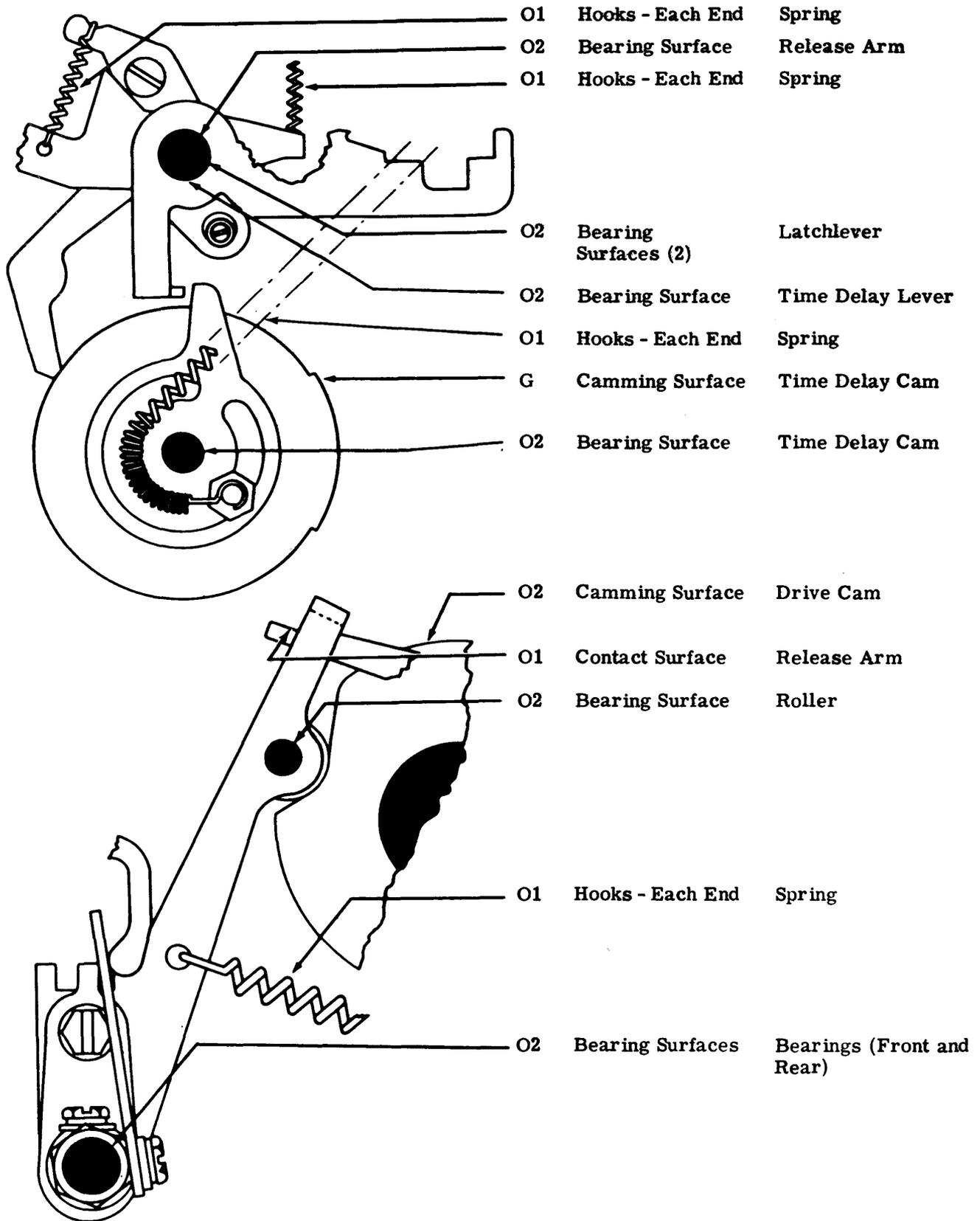
3.03 Power Drive Backspace Mechanism (Latest Design)



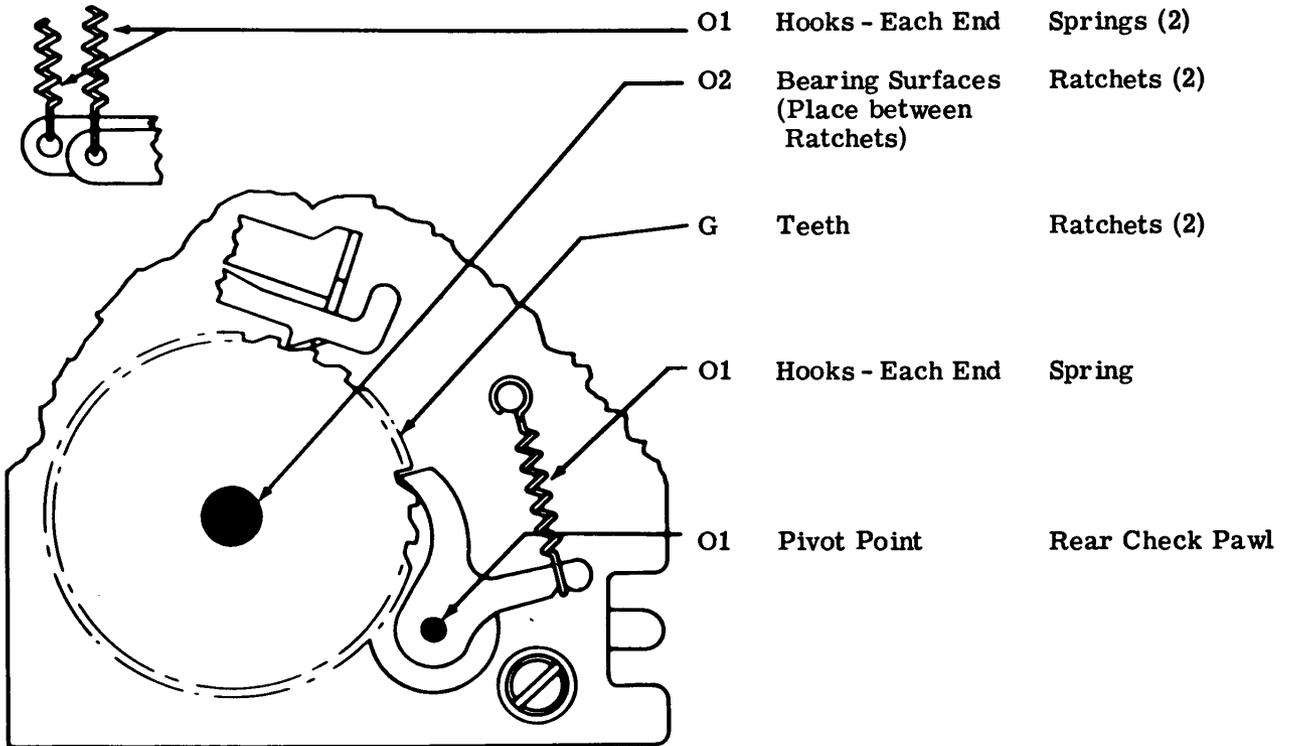
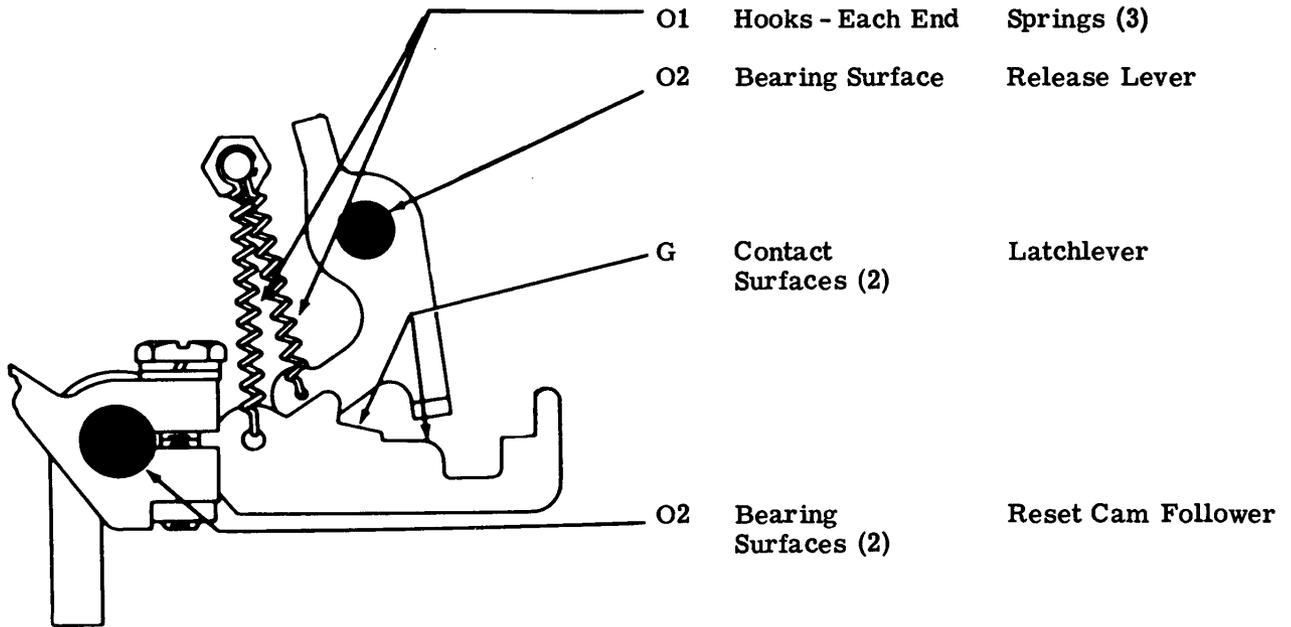
3.04 Remote Control Noninterfering Rubout Tape Feed-Out Mechanism



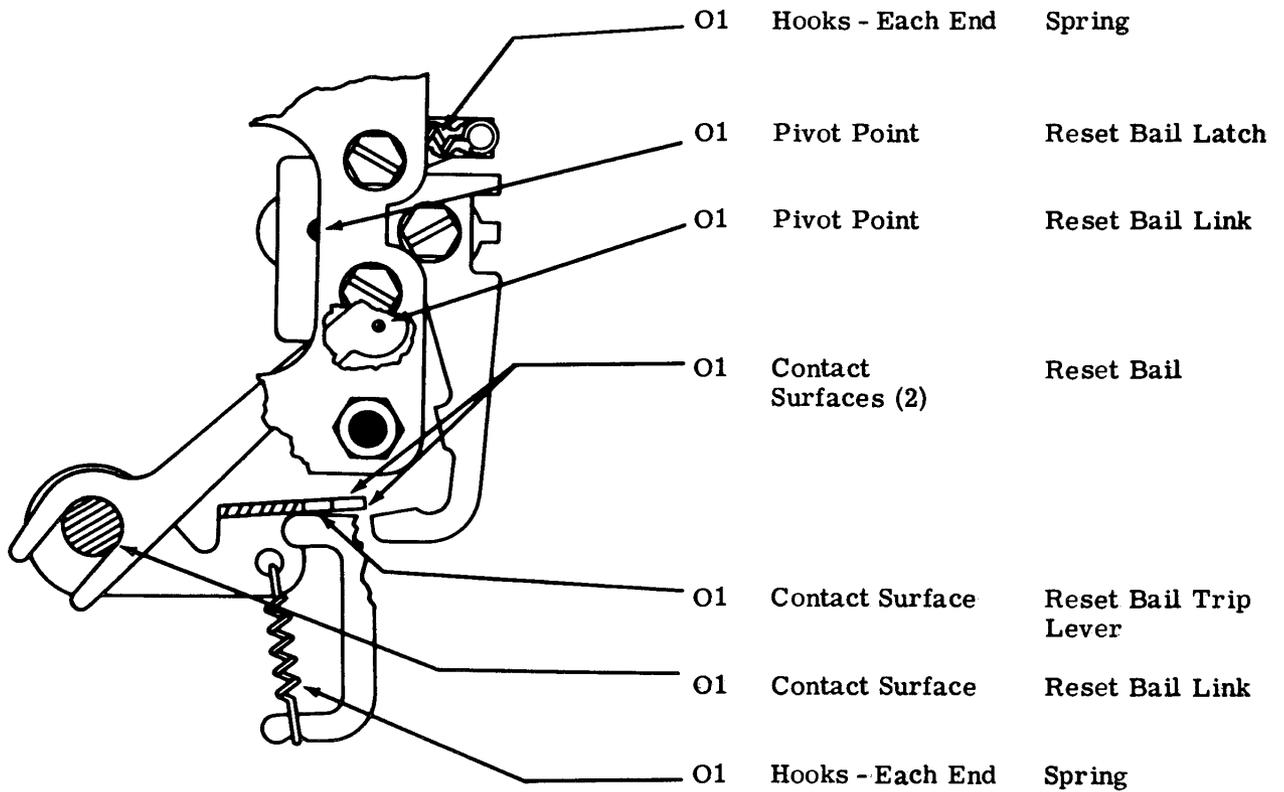
3.05 Remote Control Noninterfering Rubout Tape Feed-Out Mechanism (continued)



3.06 Remote Control Noninterfering Rubout Tape Feed-Out Mechanism (continued)



3.07 Remote Control Noninterfering Rubout Tape Feed-Out Mechanism (continued)



3.08 Remote Control Noninterfering Rubout Tape Feed-Out Mechanism (continued)

