

35 TAPE PRINTER KEYBOARD

LUBRICATION

CONTENTS	PAGE	<u>Symbol</u>	<u>Meaning</u>
1. GENERAL . . . . .	1	O1	Apply one drop of oil.
		O2	Apply two drops of oil.
		O3	Apply three drops of oil, etc.
2. BASIC UNIT . . . . .	2	G	Apply thin coat of grease.
		SAT	Saturate with oil (felt washers, etc).
Character counter mechanism . . . . .	7		
Clutch tripbar mechanism . . . . .	3		
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Transfer lever mechanism . . . . .	5		
Universal bail latchlever . . . . .	10		

KS7470 oil and KS7471 grease should be used.

1.02 The equipment should be thoroughly lubricated, but overlubrication which might allow oil to drop or grease to be thrown on other parts should be avoided. Special care should be exercised to prevent lubricants from getting between armature and pole faces or between electrical contact points.

1.03 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.

1.04 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:

<u>Operating Speed</u>	<u>Lubrication Interval</u>
100 wpm	1500 hours or 6 months*

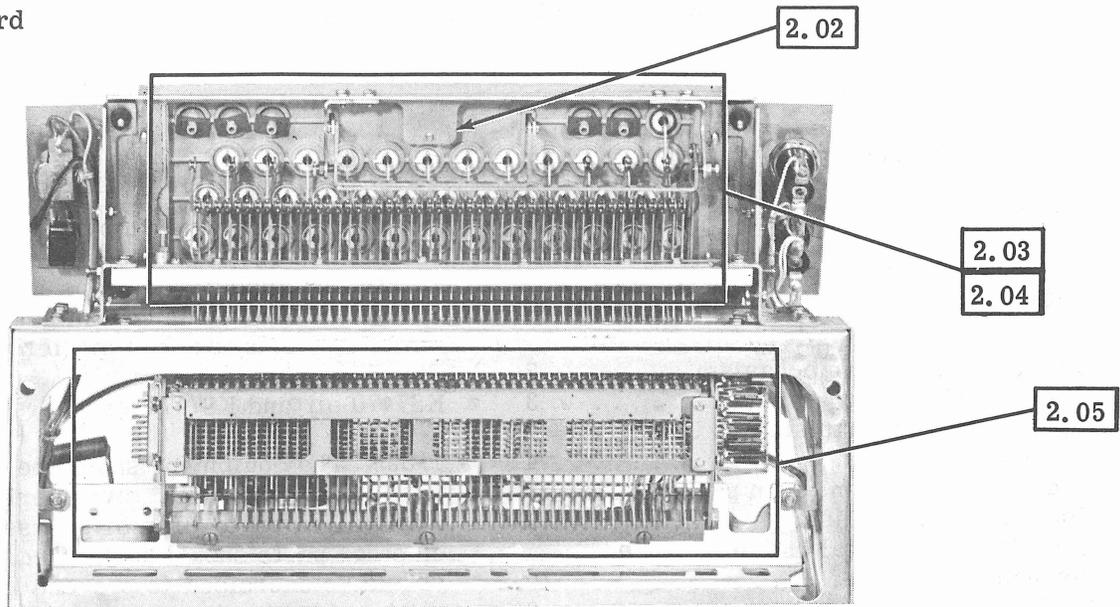
\*Whichever comes first.

1. GENERAL

1.01 This section is reissued to incorporate recent engineering changes on the lubrication procedure of the 35 tape printer keyboard. Since this is a general revision, marginal arrows, ordinarily used to indicate changes, have been omitted. Information on the 35 receiving only typing reperforator base, previously included in this section, can now be found in Section 574-232-704.

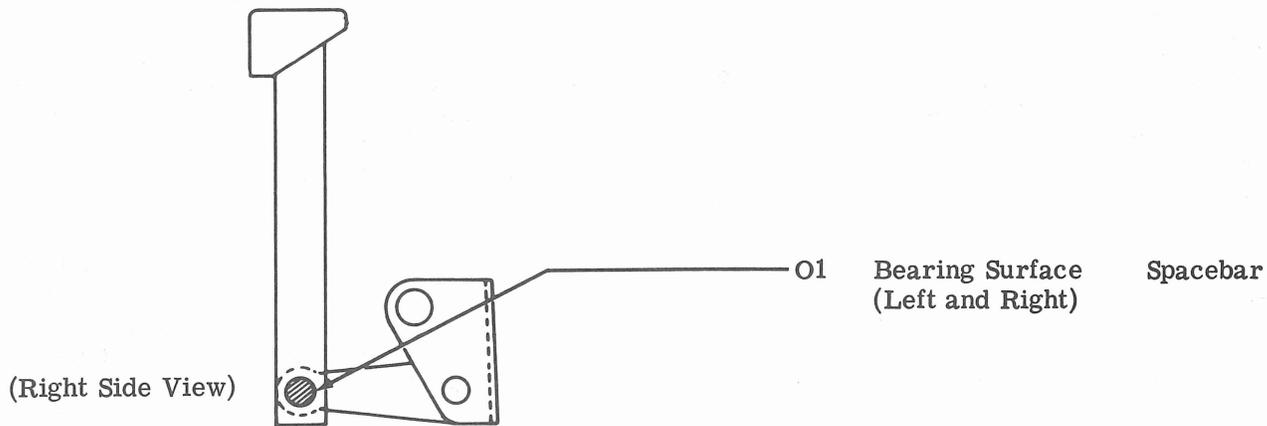
2. BASIC UNIT

2.01 Keyboard

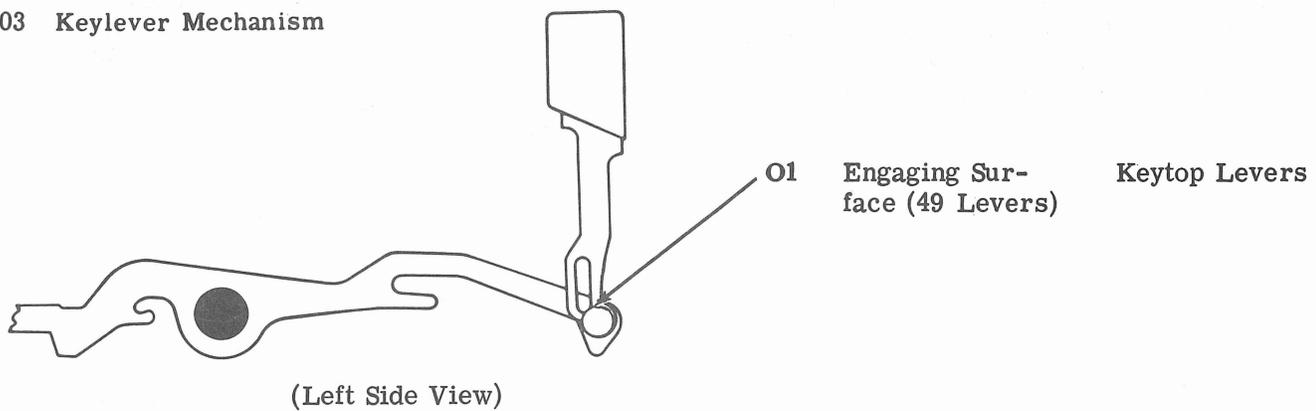


(Bottom View)

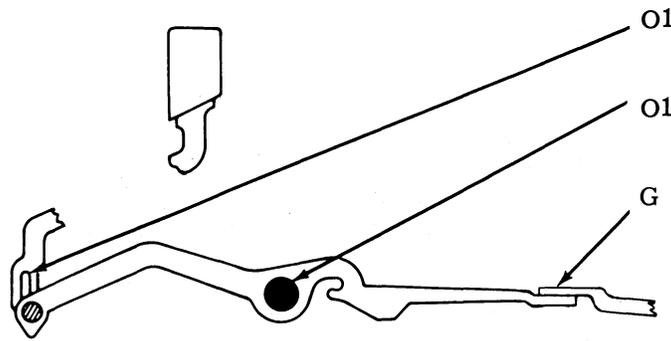
2.02 Spacebar Mechanism



2.03 Keylever Mechanism



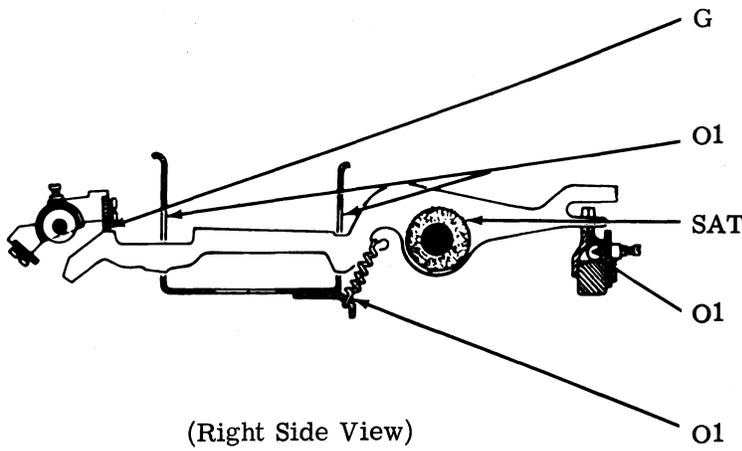
2.04 Function Lever Mechanism



(Right Side View)

- O1 Engaging Surface Keylever
- O1 Bearing Surface Function Lever
- G Contact Surface Lever

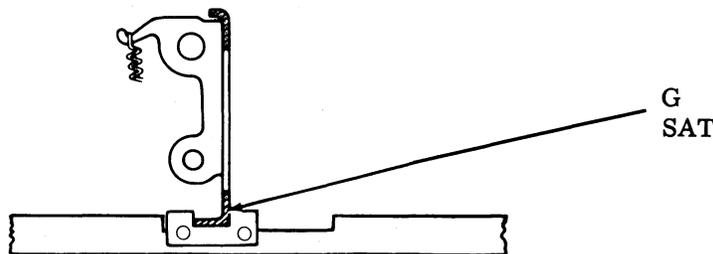
2.05 Code Lever Mechanism



(Right Side View)

- G Contacting Surface (32 Levers) Code Lever Universal Bail
- O1 Guide Slots (46 Levers) Code Levers
- SAT Felt Washers (8 Washers) Code Lever Shaft
- O1 Bearing Surface (47 Wedges) Lock Ball Track
- O1 Hooks - Each End (50 Springs) Spring

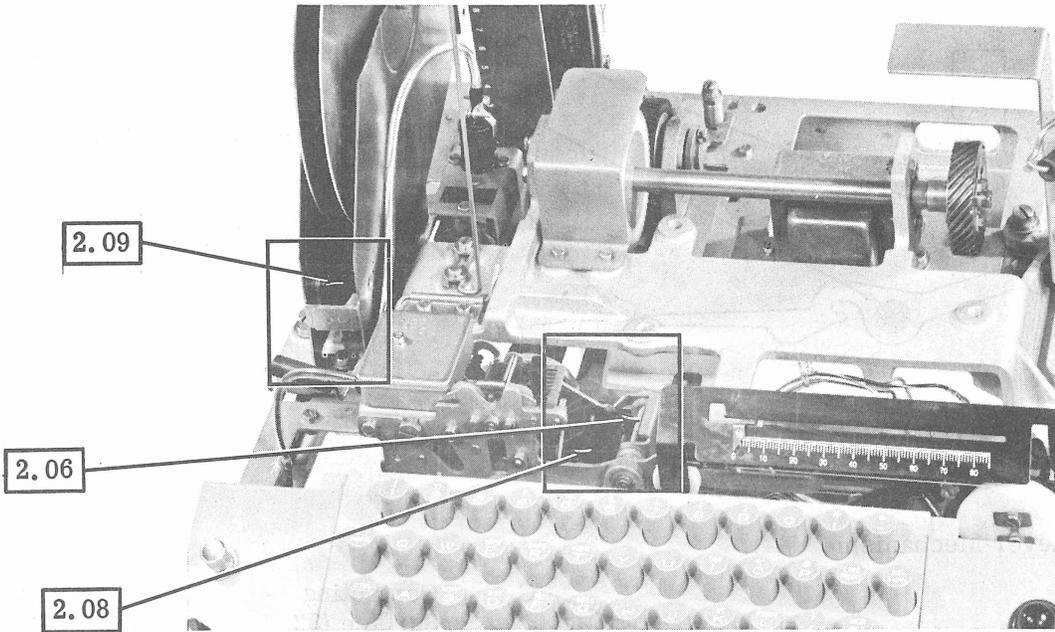
2.06 Clutch Tripbar Mechanism



(Front View)

- G SAT Slot Clutch Tripbar Wear Plate

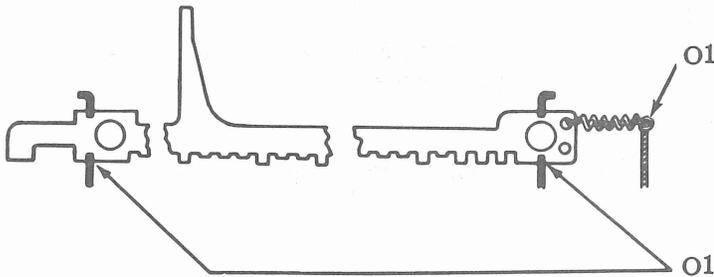
2.07 Keyboard (continued)



(Top View)

2.08 Codebar Mechanism

Note: See 2.24 for even parity units.

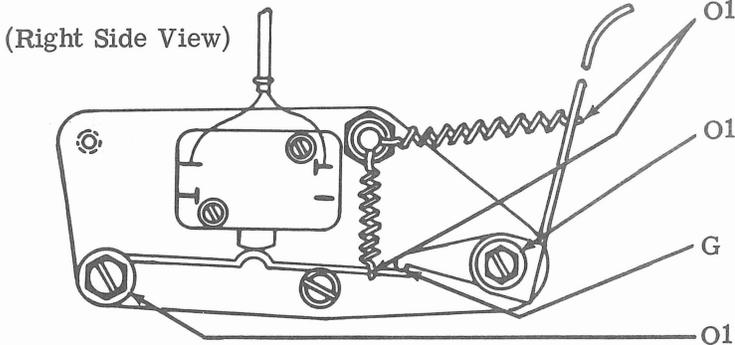


(Front View)

O1 Hooks - Each End (10 Springs) Spring

O1 Guide Slots (Left and Right-Top and Bottom) Codebar Guides

2.09 Tape-Out Switch Mechanism



(Right Side View)

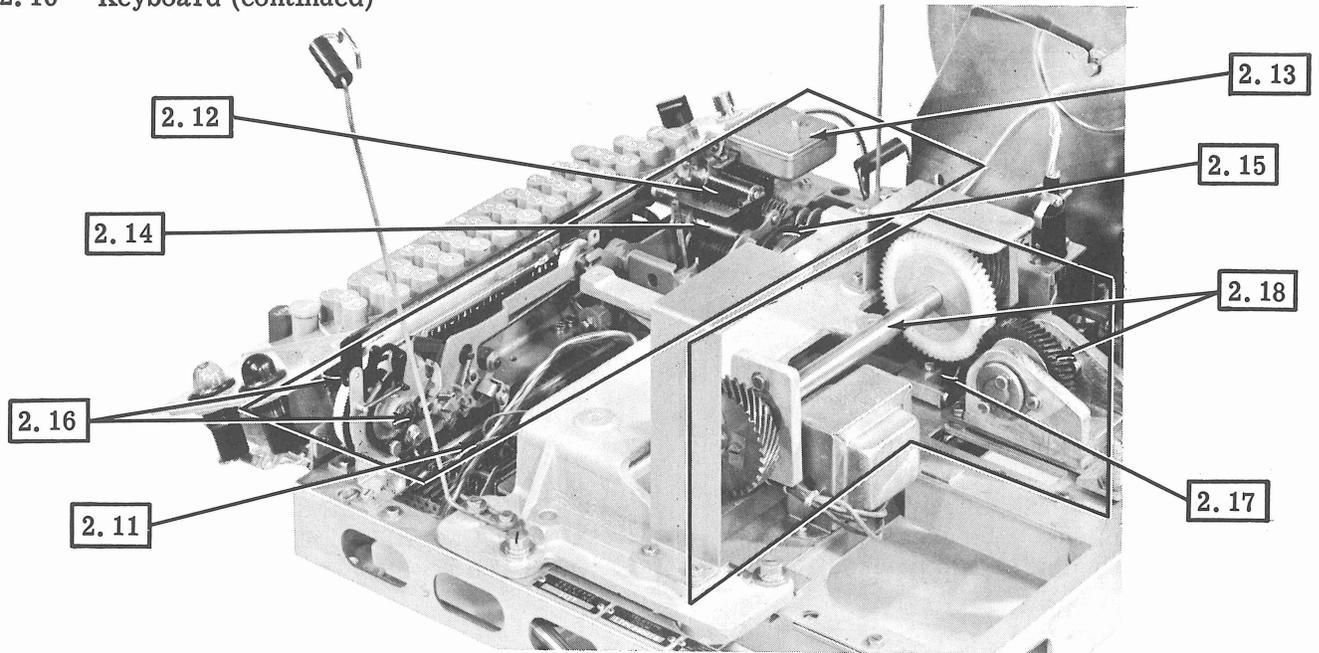
O1 Hooks - Each End (2 Springs) Springs

O1 Bearing Surface (Front and Rear) Tape Lever

G Contact Surface Switch Lever

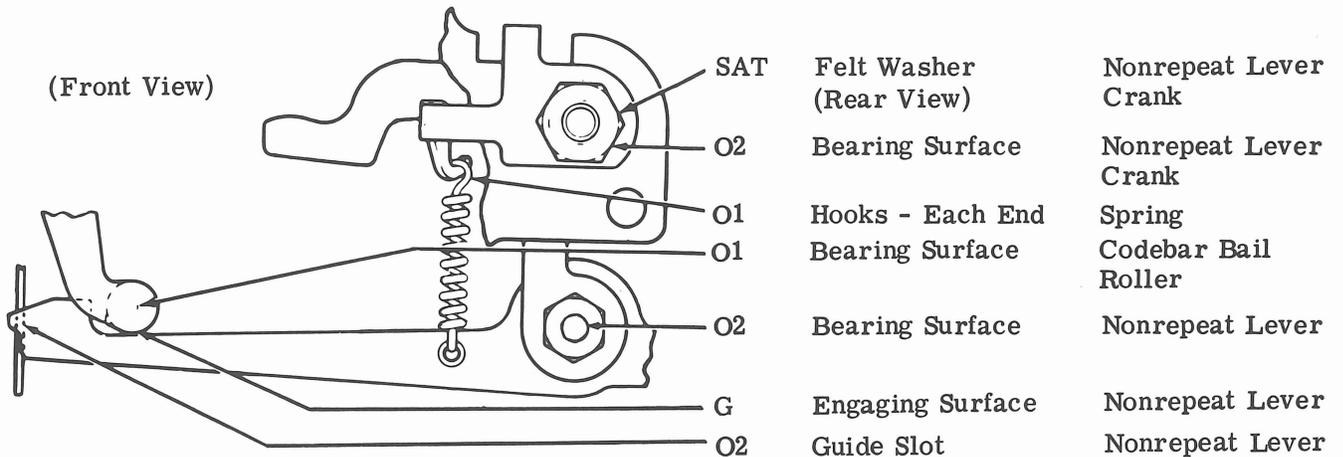
O1 Bearing Surface Switch Lever

2.10 Keyboard (continued)

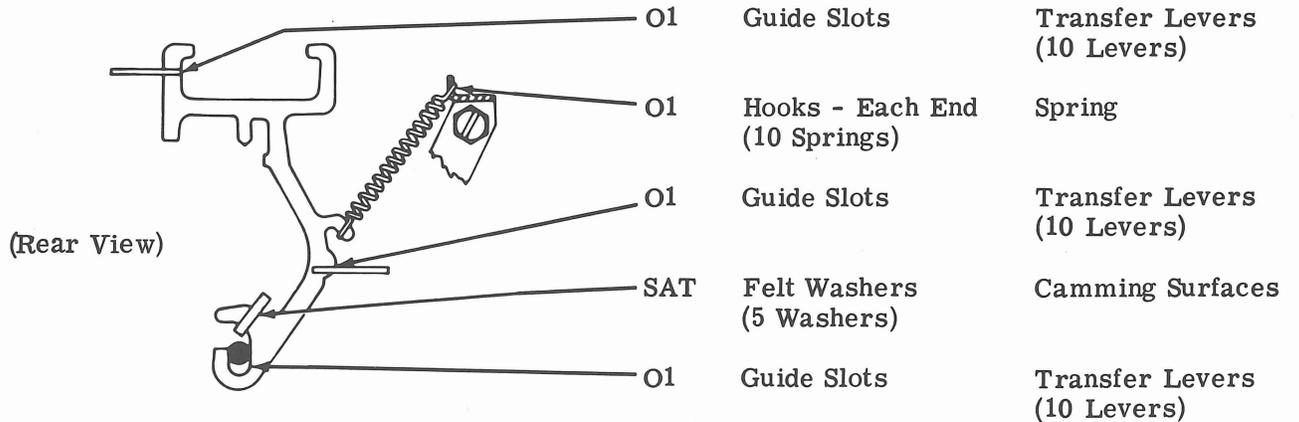


(Rear View)

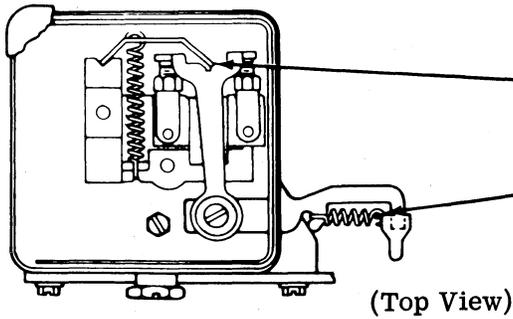
2.11 Nonrepeat Lever Mechanism



2.12 Transfer Lever Mechanism



2.13 Contact Box



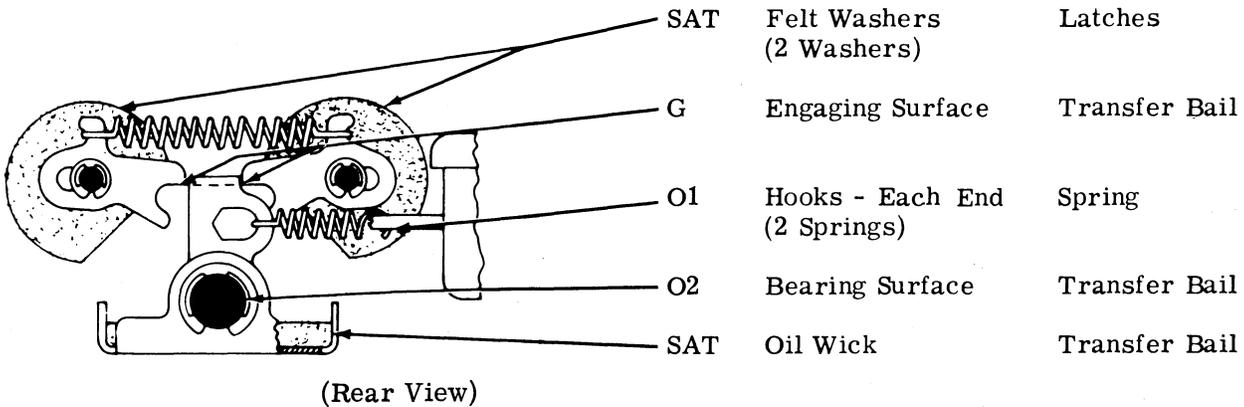
- |    |                  |                |
|----|------------------|----------------|
| G  | Engaging Surface | Contact Toggle |
| O1 | Hook - Each End  | Spring         |

Note 1: To disassemble, remove nut and lockwasher securing contact box cover and remove cover.

Note 2: The marking "DO NOT OIL" on the signal contact box cover should be interpreted literally. Portions of the mechanism should be greased as indicated, but no oil should be used.

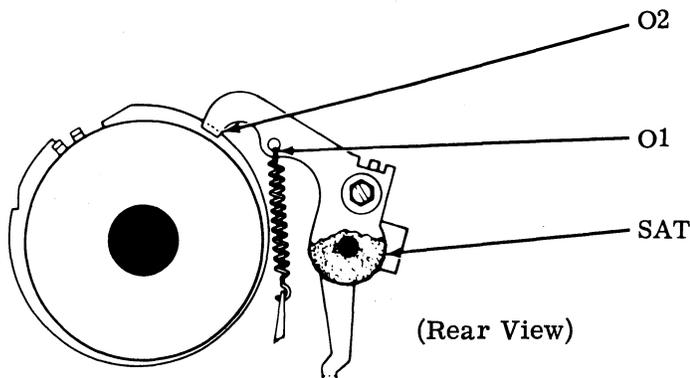
**CAUTION: GREASE SPARINGLY - KEEP CONTACTS FREE OF OIL OR GREASE.**

2.14 Transfer Bail Mechanism



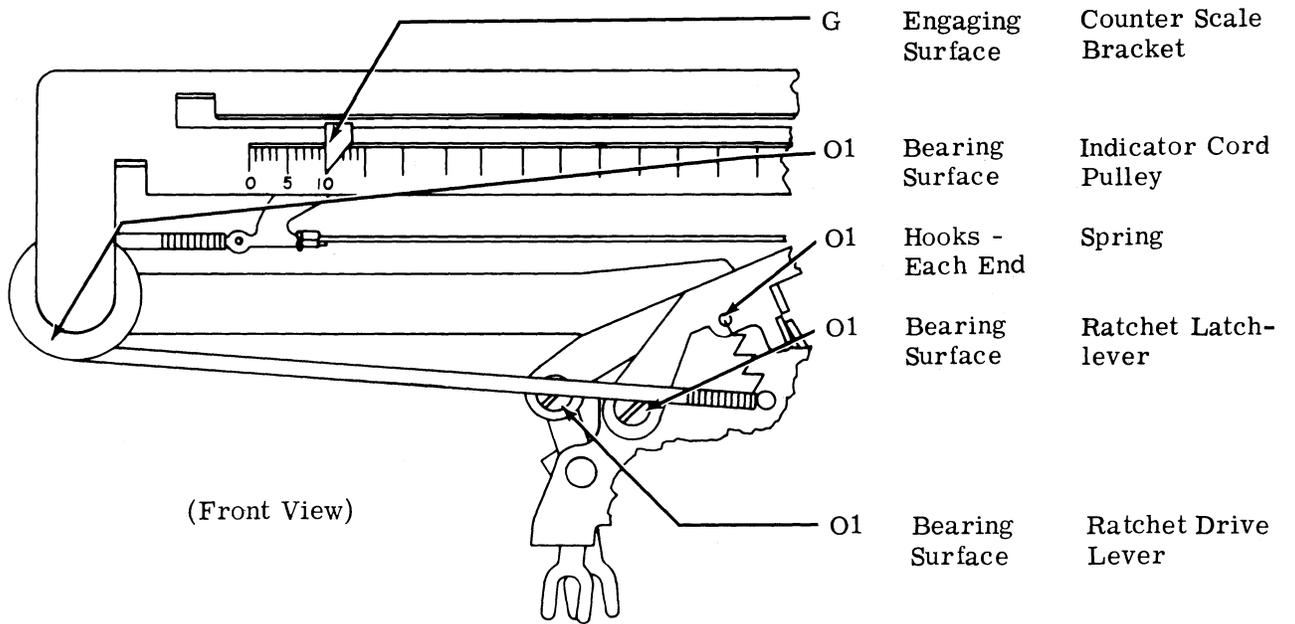
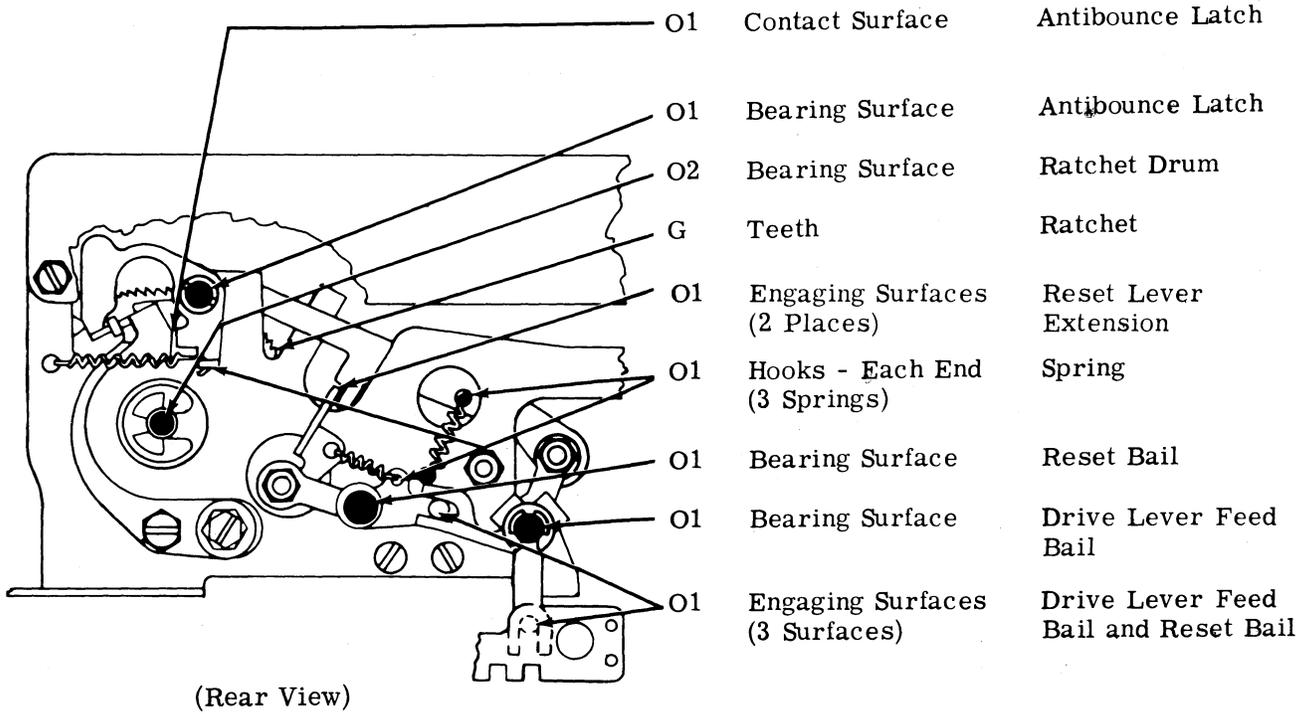
- |     |                                 |               |
|-----|---------------------------------|---------------|
| SAT | Felt Washers<br>(2 Washers)     | Latches       |
| G   | Engaging Surface                | Transfer Bail |
| O1  | Hooks - Each End<br>(2 Springs) | Spring        |
| O2  | Bearing Surface                 | Transfer Bail |
| SAT | Oil Wick                        | Transfer Bail |

2.15 Function Clutch Mechanism

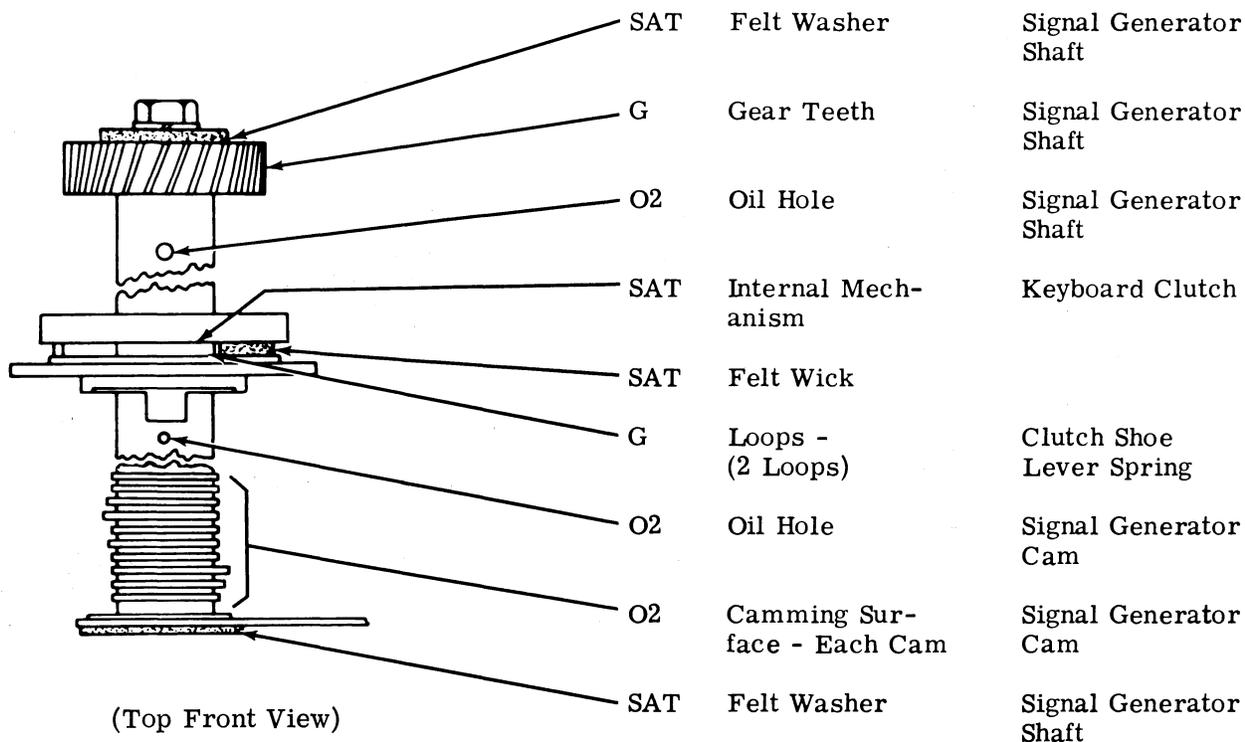


- |     |                                    |   |
|-----|------------------------------------|---|
| O2  | Latching Surface                   | Clutch Stop Lever<br>and Clutch Latch-<br>lever |
| O1  | Hooks - Each End<br>(2 Springs)    | Spring  |
| SAT | Felt Washers<br>(2 Front and Rear) | Clutch Tripbail                                 |

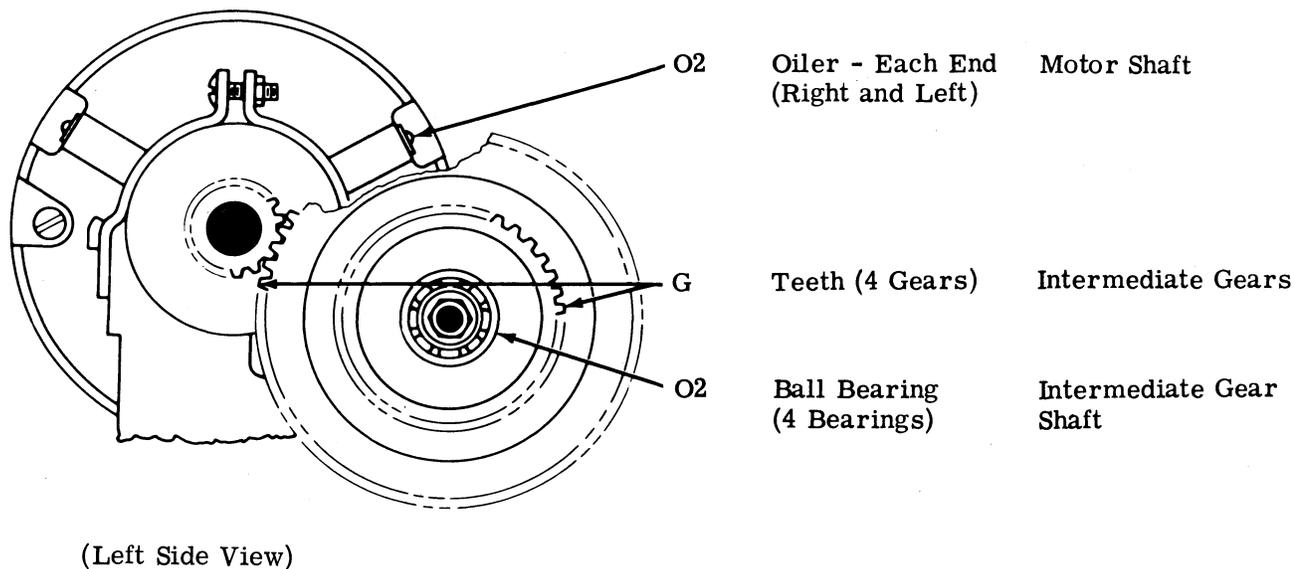
2.16 Character Counter Mechanism



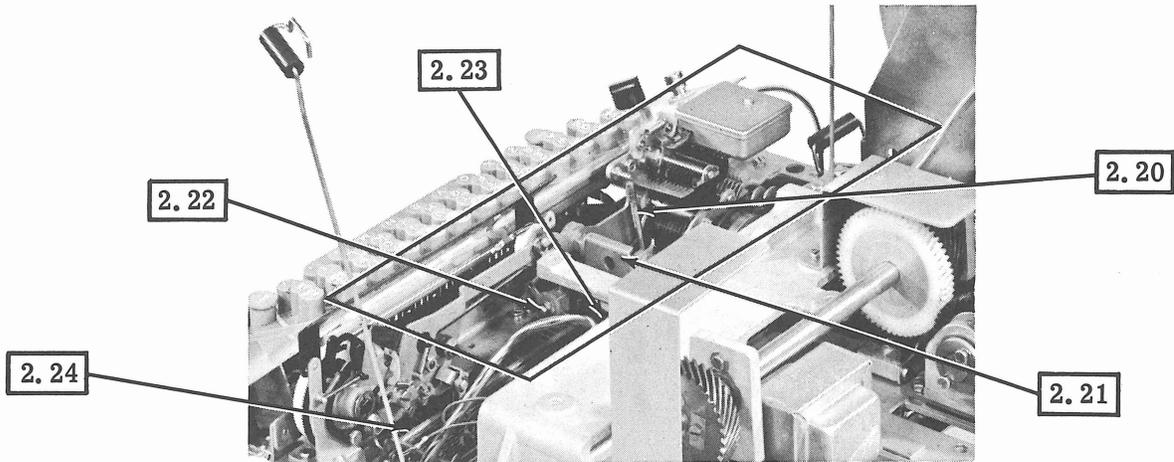
2.17 Shaft Mechanism



2.18 Intermediate Gear Mechanism

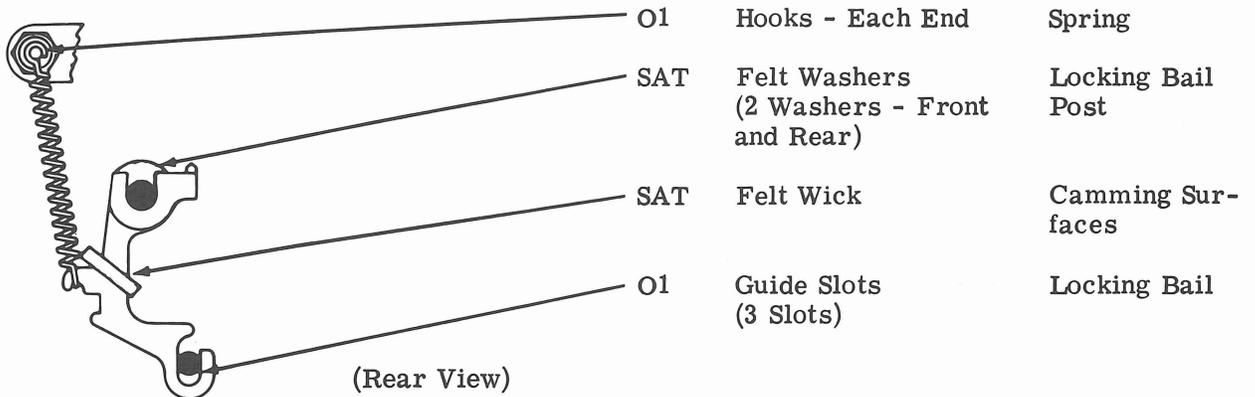


2.19 Keyboard (continued)



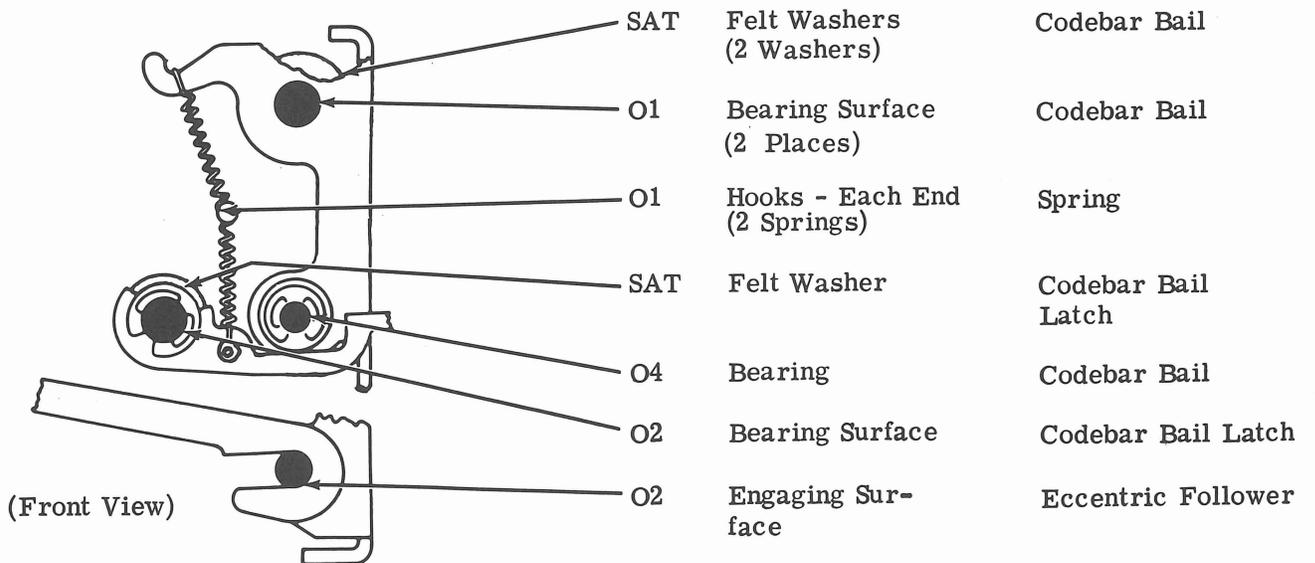
(Top View)

2.20 Locking Bail Mechanism



(Rear View)

2.21 Codebar Bail Mechanism

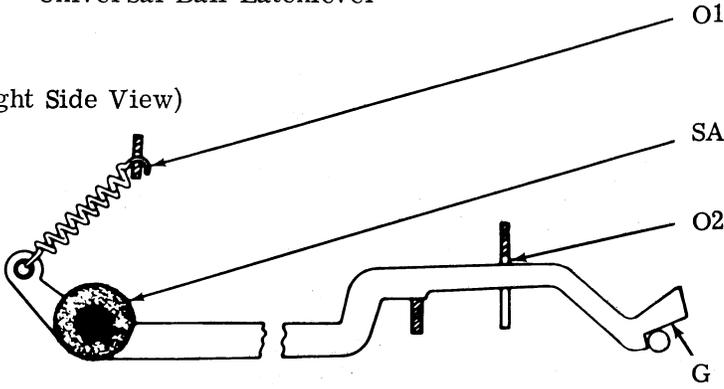


(Front View)

SECTION 574-232-701

2.22 Universal Bail Latchlever

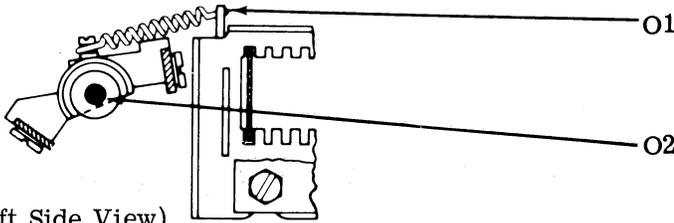
(Right Side View)



- O1 Hooks - Each End Spring
- SAT Felt Washer Universal Bail Latchlever
- O2 Guide Slot (Each Side of Slot) Universal Bail Latchlever
- G Engaging Surface Reset Bail Latch

2.23 Code Lever Universal Bail Mechanism

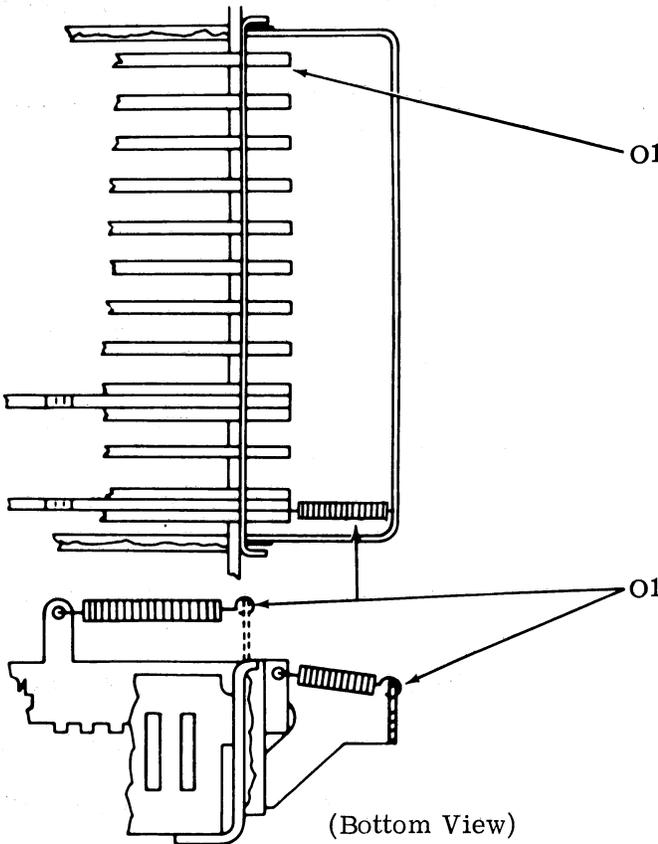
(Left Side View)



- O1 Hooks - Each End Spring
- O2 Bearing Surface Code Lever Universal Bail

2.24 Codebar Mechanism (Even Parity)

(Bottom View)



- O1 Guide Slots (Left and Right - Top and Bottom) See 2.08 Codebar Guides
- O1 Hooks - Each End (15 Springs) Spring