

35 KEYBOARD AND BASE FOR KEYBOARD SEND-RECEIVE AND RECEIVE-ONLY SETS

LUBRICATION

CONTENTS	PAGE
1. GENERAL	1
2. KEYBOARD	2
Codebar bail mechanism	10
Codebar mechanism	6
Code lever mechanism	5
Code lever universal bail	11
Contact box	8
Clutch tripbar mechanism	5
Function clutch mechanism	8
Function lever mechanism	5
Intermediate gear mechanism	12
Keyboard clutch	9
Keylever mechanism	4
Local carriage return mechanism	6
Local line feed mechanism	9
Locking bail mechanism	10
Margin indicating mechanism	8
Nonrepeat lever mechanism	7
Shaft mechanism	9
Spacebar mechanism	4
Transfer bail mechanism	8
Transfer lever mechanism	7
Universal bail latchlever	11
3. BASE	12
Local carriage return mechanism (base)	14
Local line feed mechanism (base)	13

1. GENERAL

1.01 This section is reissued to add engineering changes and to update format. Since this is a general revision, the marginal arrows, used to indicate changes, have been omitted.

1.02 The 35 keyboard with or without an answer-back should be lubricated as directed in Par. 2. The lubrication for a 35 base with or without an answer-back is covered in Par. 3. The figures indicate points to be lubricated and the kind and quantity of lubricant to be used. Lubricate the unit just prior to placing it in service. After a few weeks in service, re-

lubricate to make certain that all points receive lubrication. The following lubrication schedule should be followed thereafter.

<u>Operating Speeds</u> in Words per Minute	<u>Lubrication Interval</u>
60	3000 hours or 1 year*
75	2400 hours or 9 months*
100	1500 hours or 6 months*

*Whichever occurs first.

1.03 Use KS7470 oil at all locations where the use of oil is indicated. Use KS7471 grease on all surfaces where grease is indicated.

1.04 All spring wicks and felt oilers should be saturated. The friction surfaces of all moving parts should be thoroughly lubricated. Overlubrication, however, which will permit oil or grease to drip or be thrown on other parts, should be avoided. Special care must be taken to prevent any oil or grease from getting between electrical contacts.

1.05 Apply a thick film of grease to all gears.

1.06 Apply oil to all cams, including the camming surfaces of each clutch disc.

1.07 The photographs show the paragraph numbers referring to particular line drawings of mechanisms and where these mechanisms are located on the unit. Parts in the line drawings are shown in an upright position unless otherwise specified.

1.08 The illustration symbols indicate the following lubrication directions:

- O1 Apply 1 drop of oil.
- O2 Apply 2 drops of oil.
- O3 Apply 3 drops of oil, etc.
- G Apply thin film of grease.
- SAT Saturate (felt oilers, washers, wicks) with oil.

2. KEYBOARD

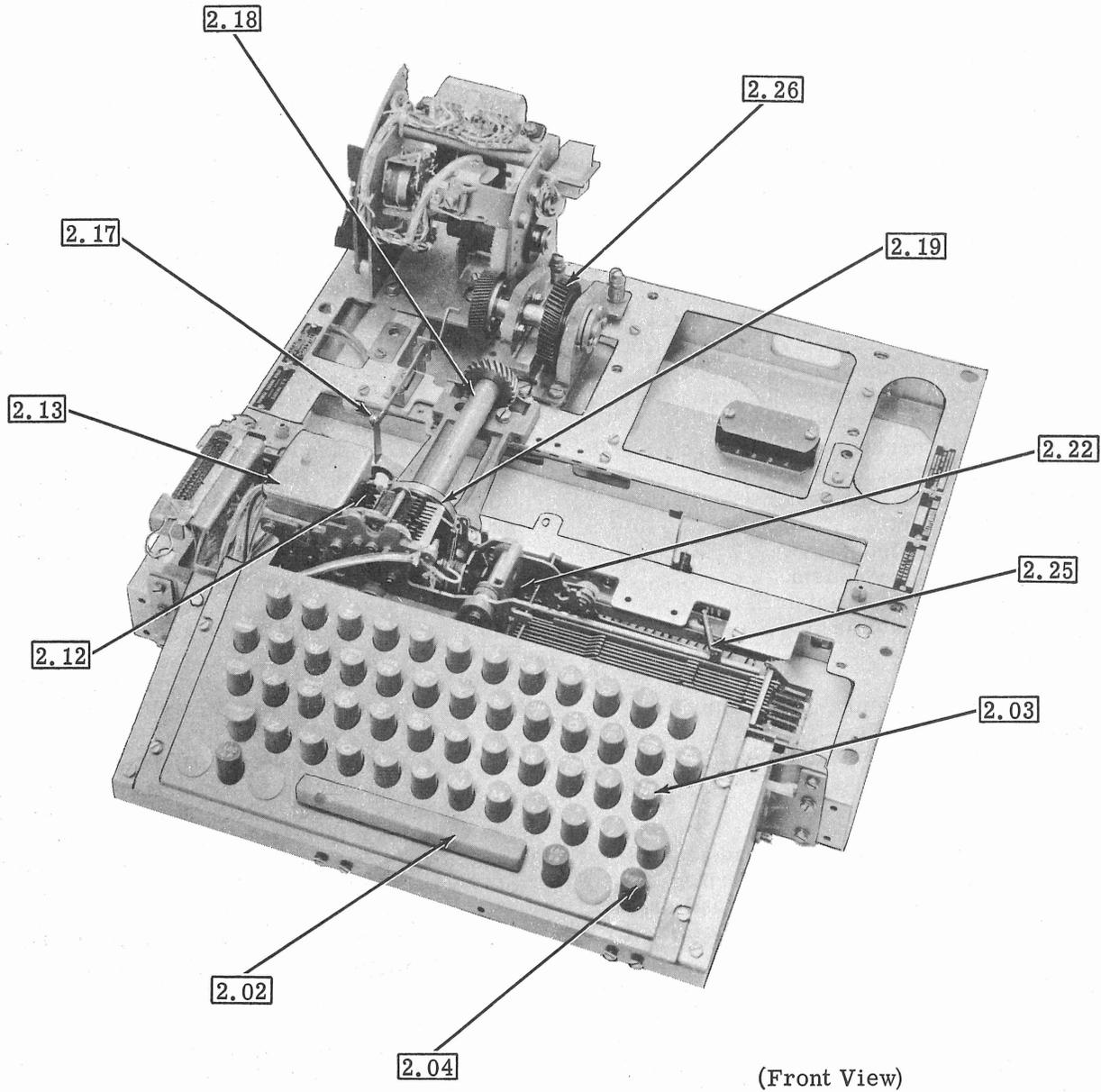
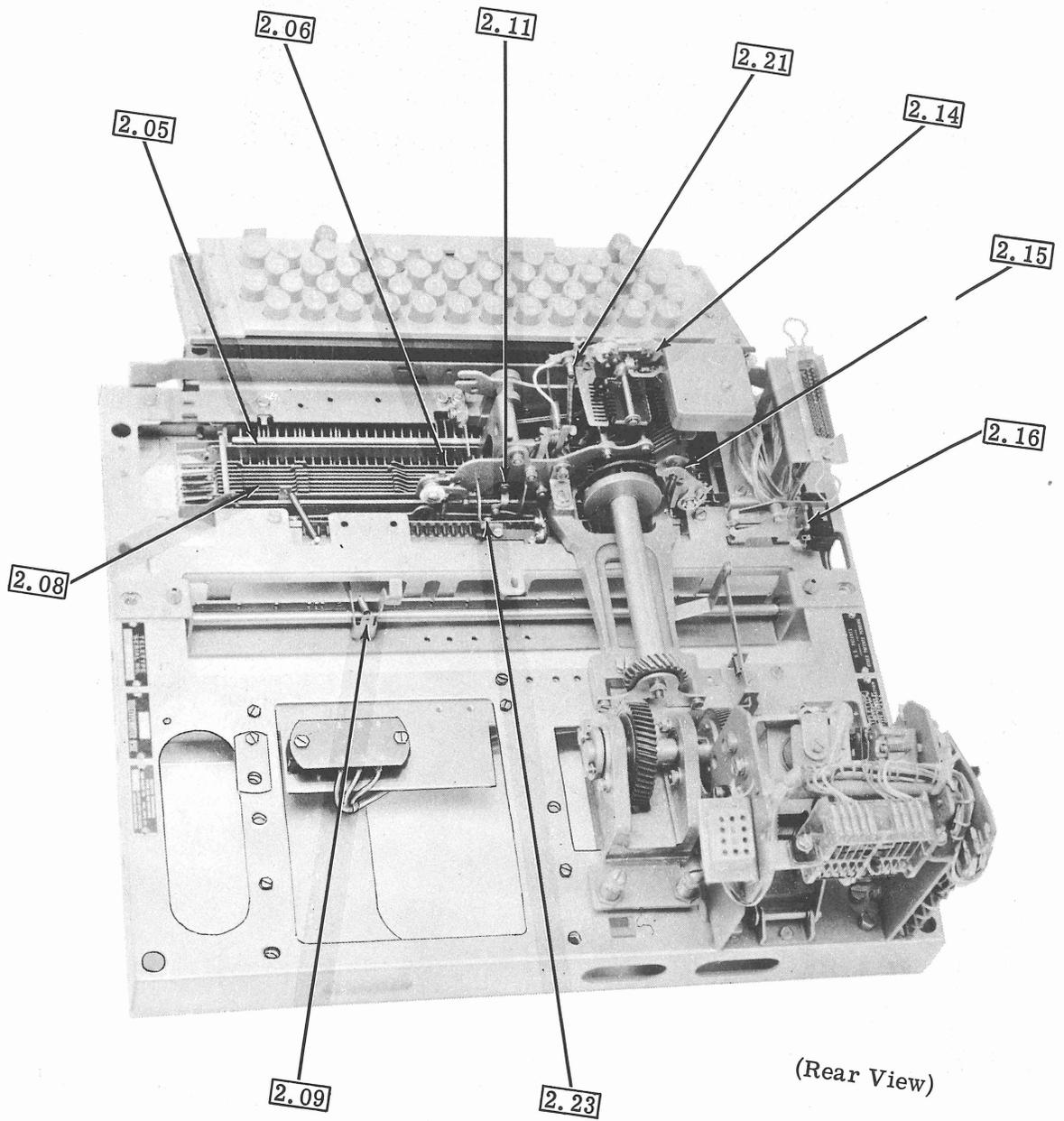


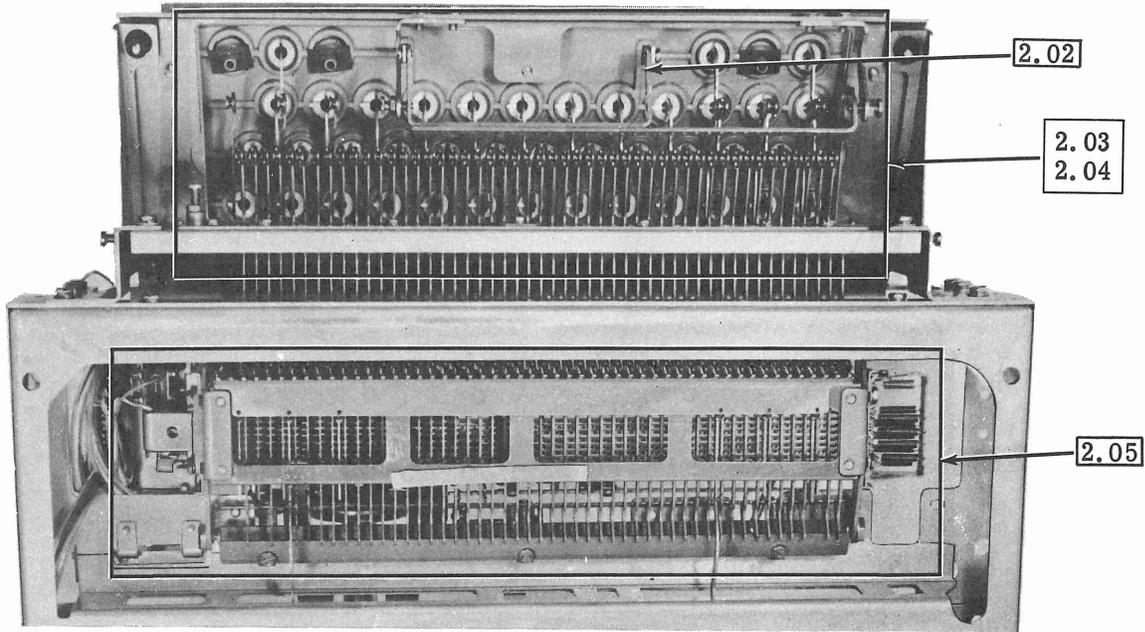
Figure 1 - Keyboard for Send-Receive Set



(Rear View)

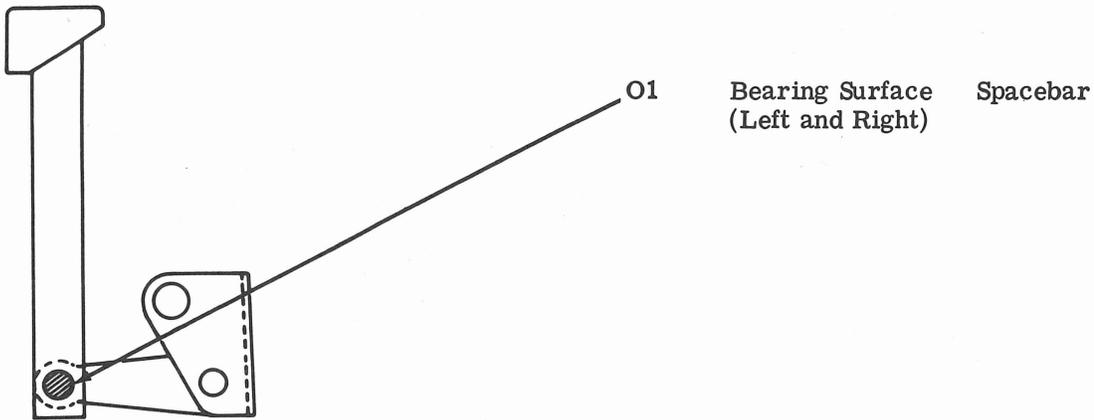
Figure 2 - Keyboard for Send-Receive Set

2.01 Keyboard

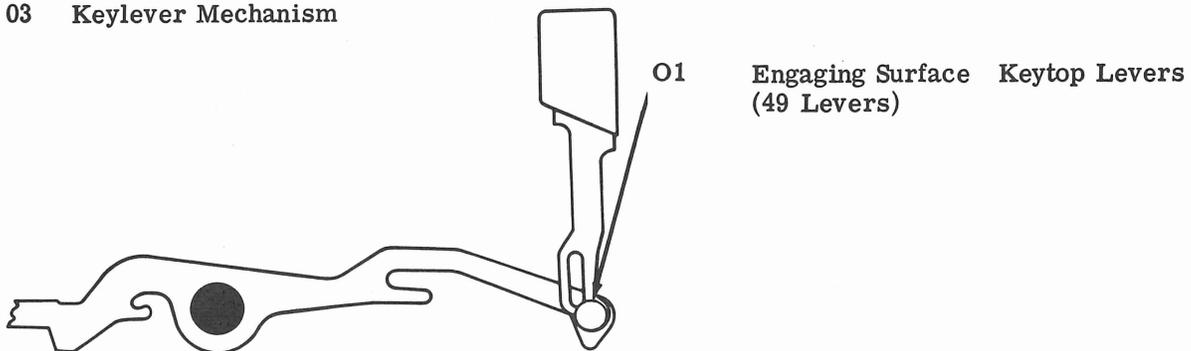


REST KEYBOARD BOTTOM SIDE UP

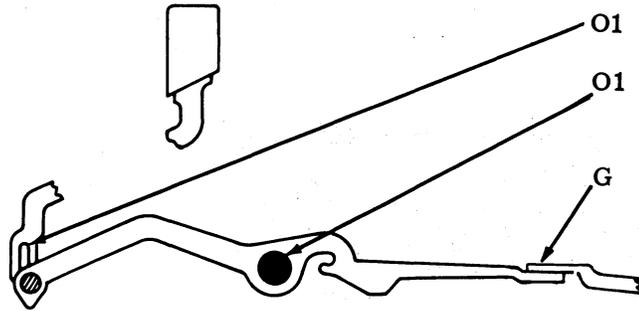
2.02 Spacebar Mechanism



2.03 Keylever Mechanism

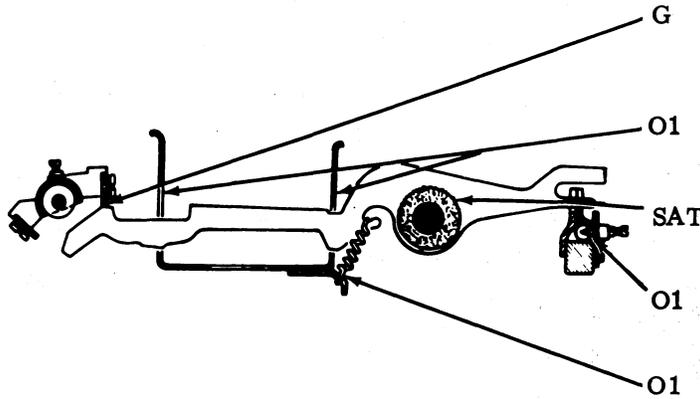


2.04 Function Lever Mechanism



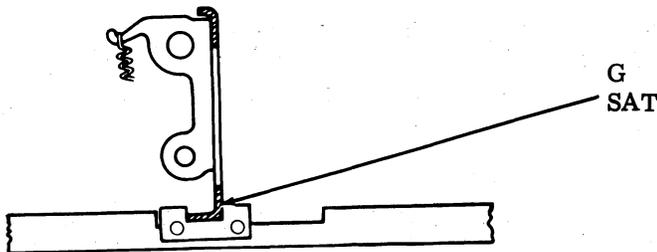
- O1 Engaging Surface Keylever
- O1 Bearing Surface Function Lever
- G Contact Surface Lever

2.05 Code Lever Mechanism



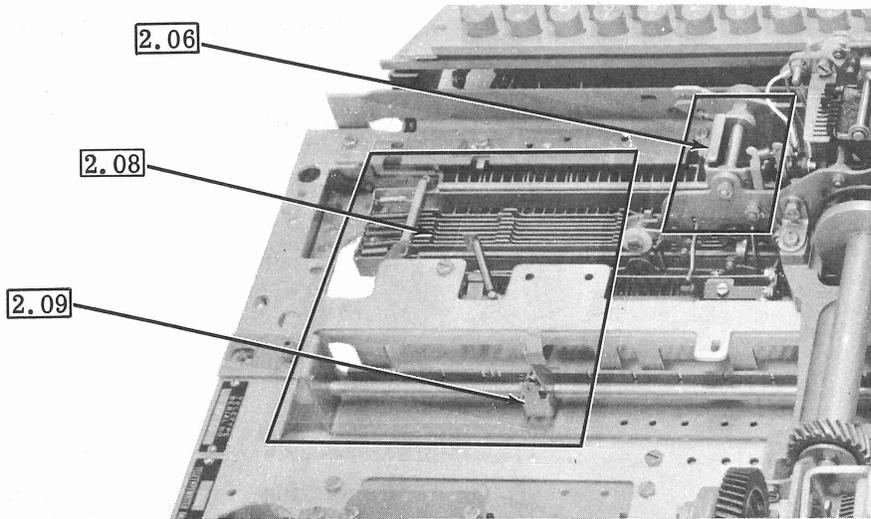
- G Contacting Surface (32 Levers) Code Lever Universal Bail
- O1 Guide Slots (46 Levers) Code Levers
- SAT Felt Washers (8 Washers) Code Lever Shaft
- O1 Bearing Surface (47 Wedges) Lock Ball Track
- O1 Hooks-Each End (50 Springs) Spring

2.06 Clutch Tripbar Mechanism

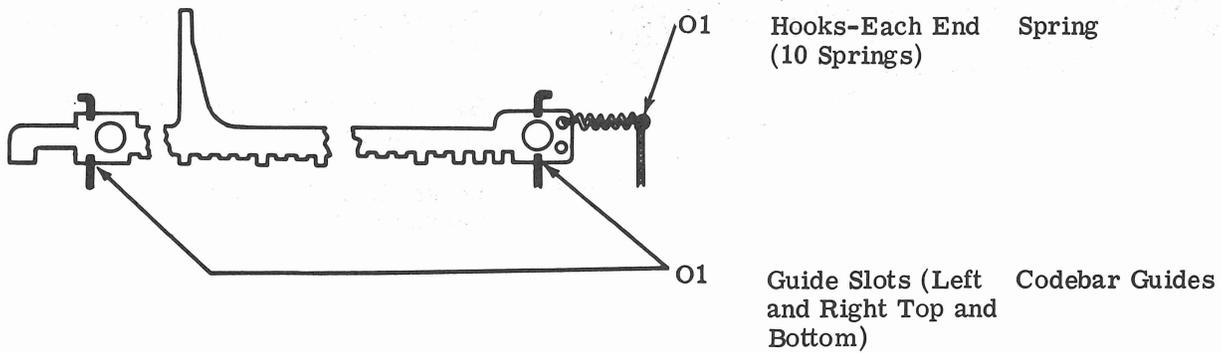


- G Slot Clutch Tripbar
- SAT Wear Plate

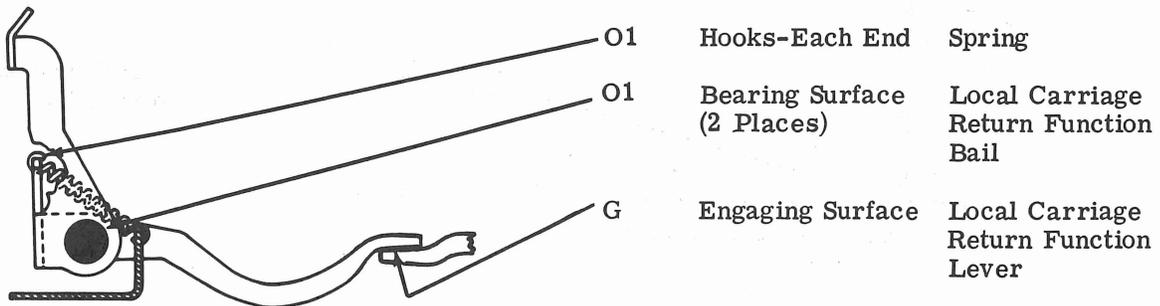
2.07 Keyboard Codebars



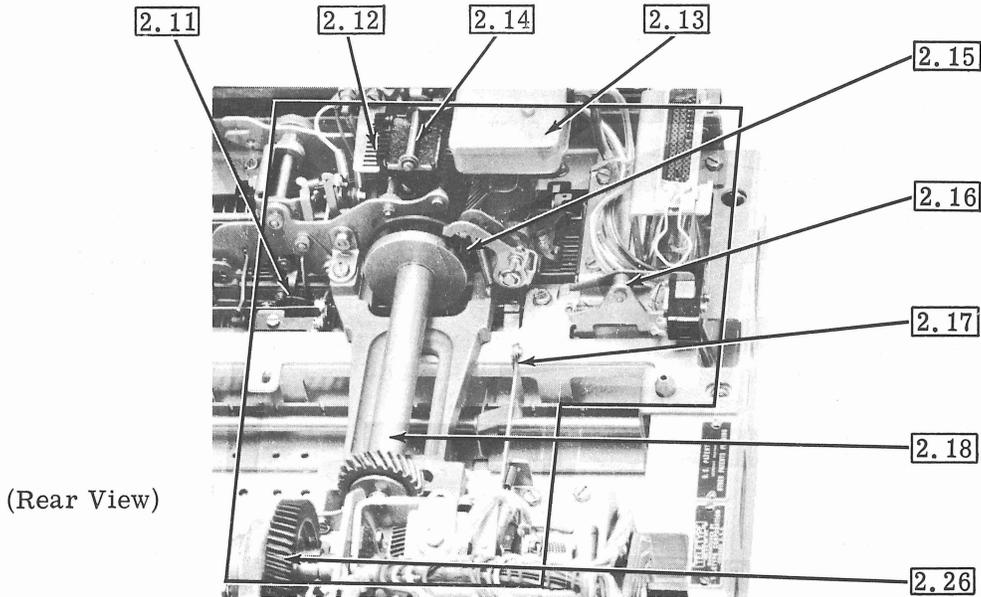
2.08 Codebar Mechanism



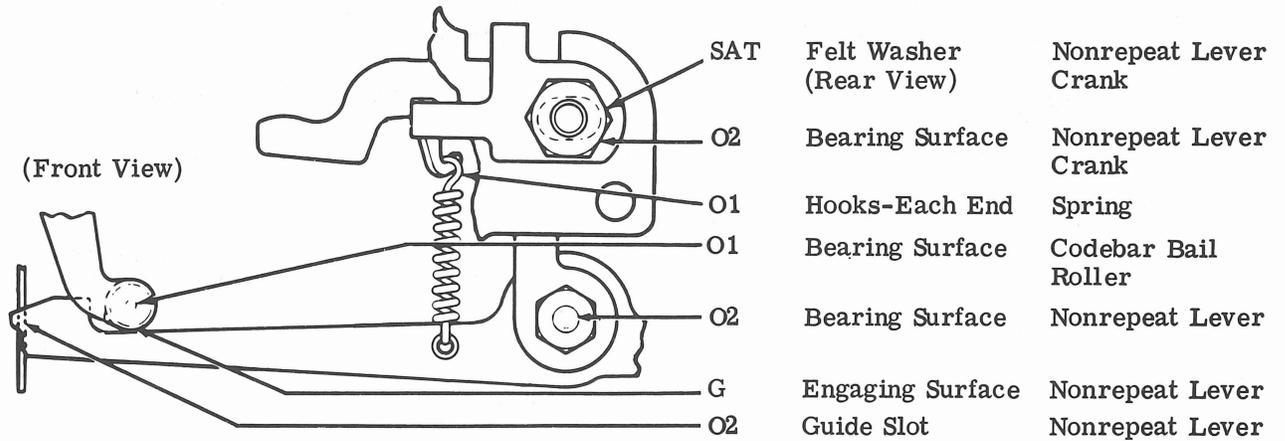
2.09 Local Carriage Return Mechanism



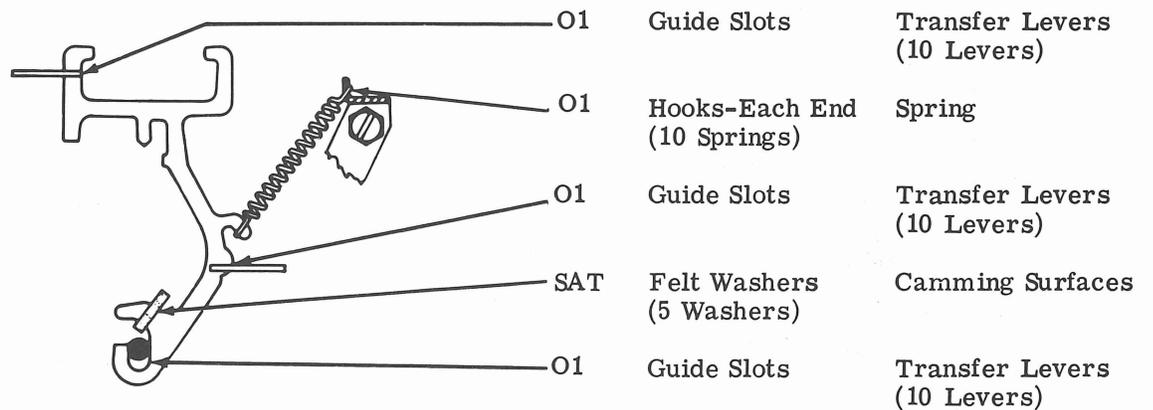
2.10 Keyboard Signal Generator



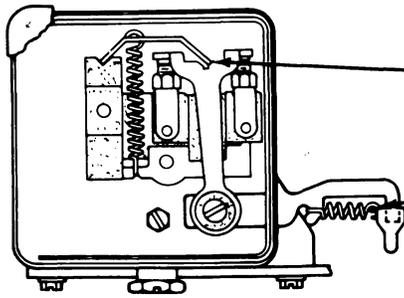
2.11 Nonrepeat Lever Mechanism



2.12 Transfer Lever Mechanism



2.13 Contact Box



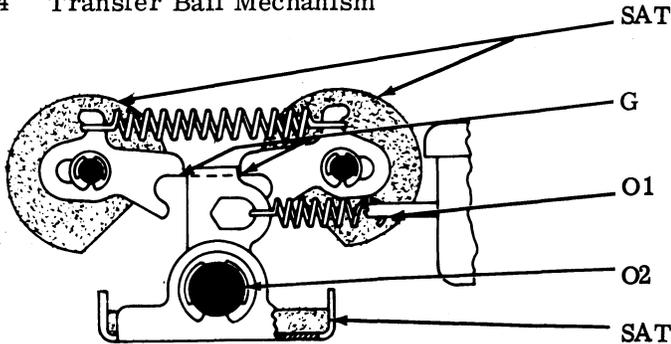
- G Engaging Surface Contact Toggle
- O1 Hooks-Each End Spring

DISASSEMBLY: REMOVE NUT AND LOCKWASHER SECURING CONTACT BOX COVER AND REMOVE COVER.

CAUTION: GREASE SPARINGLY — KEEP CONTACTS FREE OF OIL OR GREASE.

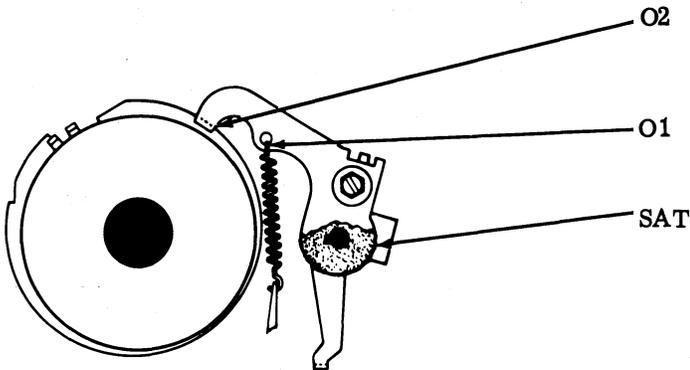
Note: The marking DO NOT OIL on the signal contact box cover should be interpreted literally. Portions of the mechanism should be greased as indicated, but no oil should be used.

2.14 Transfer Bail Mechanism



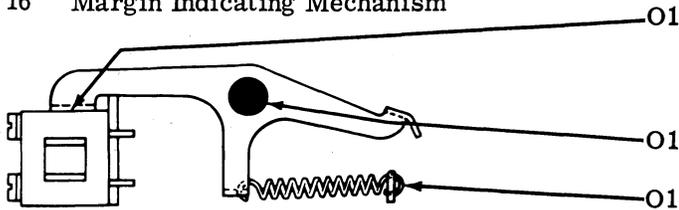
- SAT Felt Washers (2 Washers) Latches
- G Engaging Surface Transfer Bail
- O1 Hooks-Each End (2 Springs) Spring
- O2 Bearing Surface Transfer Bail
- SAT Oil Wick Transfer Bail

2.15 Function Clutch Mechanism



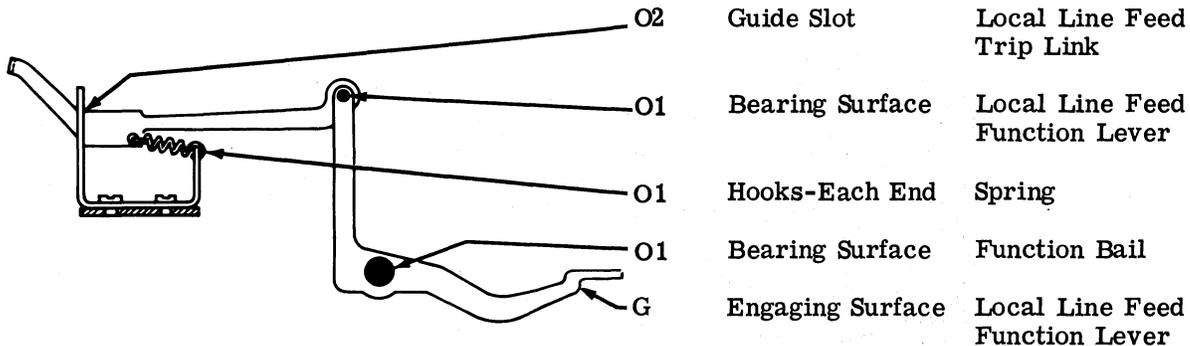
- O2 Latching Surface Clutch Stop Lever and Clutch Latch-
lever
- O1 Hooks-Each End (2 Springs) Spring
- SAT Felt Washers (2 Front and Rear) Clutch Tripball

2.16 Margin Indicating Mechanism

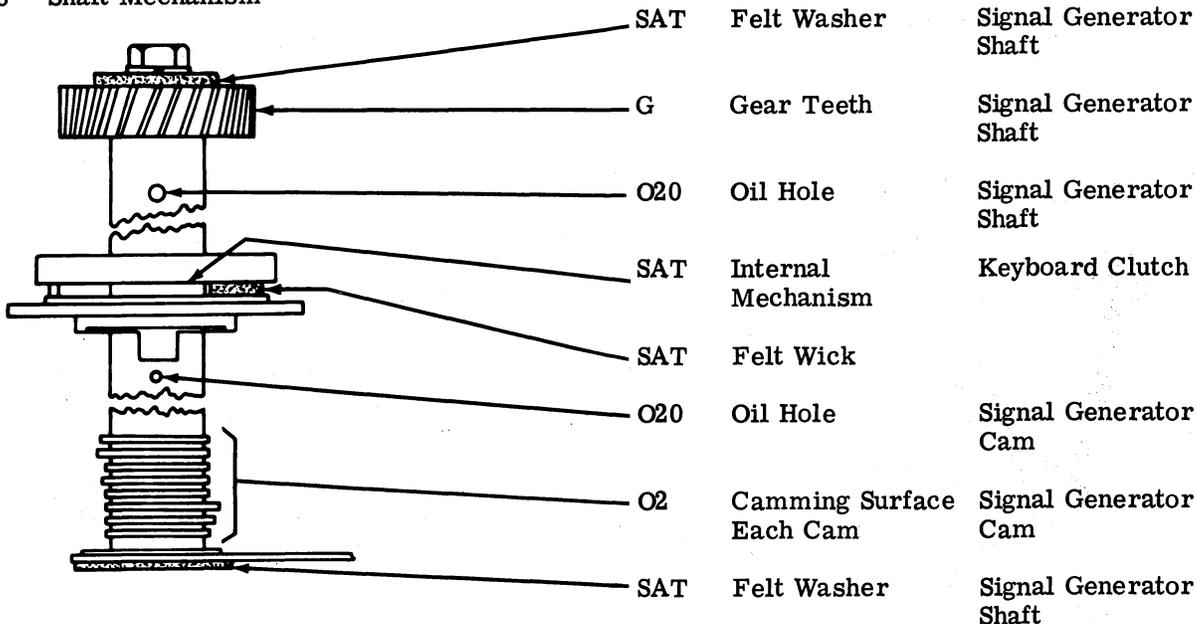


- O1 Engaging Surface Margin Indicator Switch
- O1 Bearing Surface Switch Lever
- O1 Hooks-Each End Spring

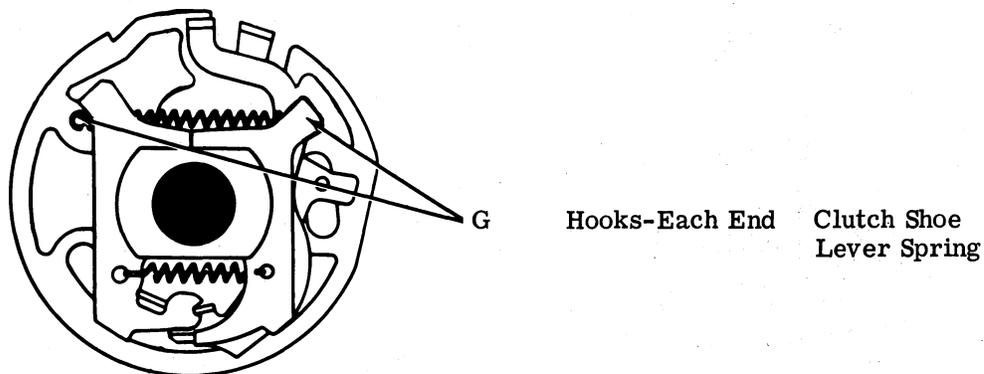
2.17 Local Line Feed Mechanism



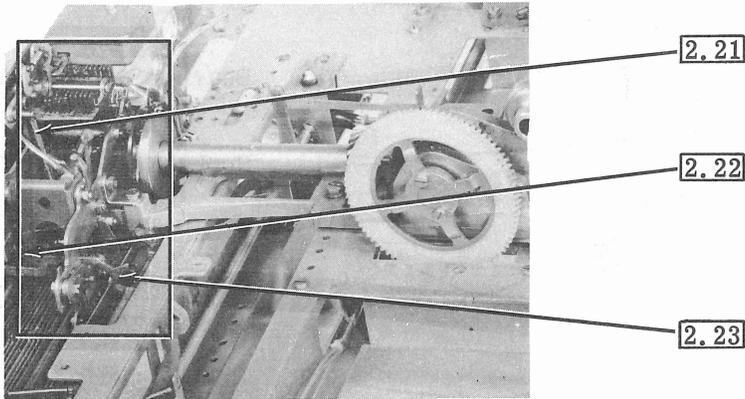
2.18 Shaft Mechanism



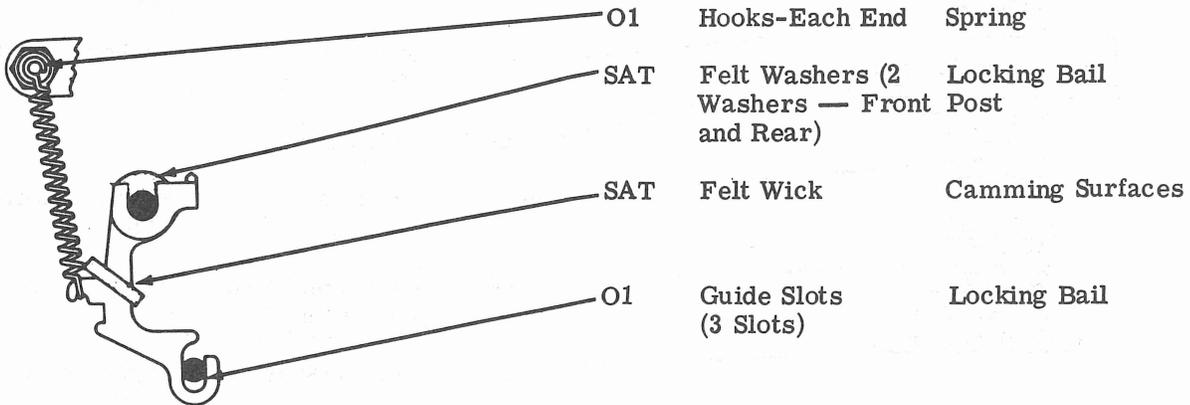
2.19 Keyboard Clutch



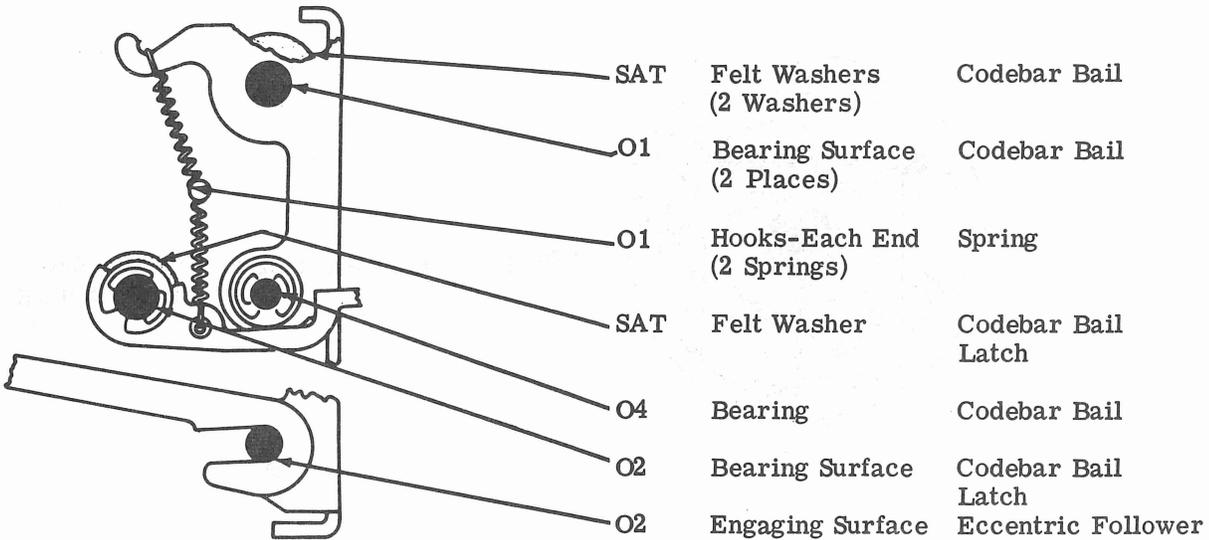
2.20 Keyboard and Signal Generator



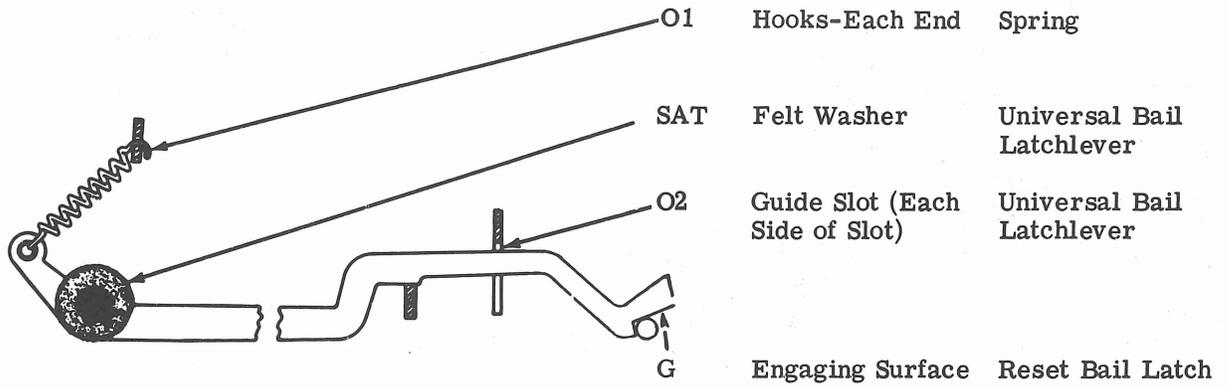
2.21 Locking Bail Mechanism



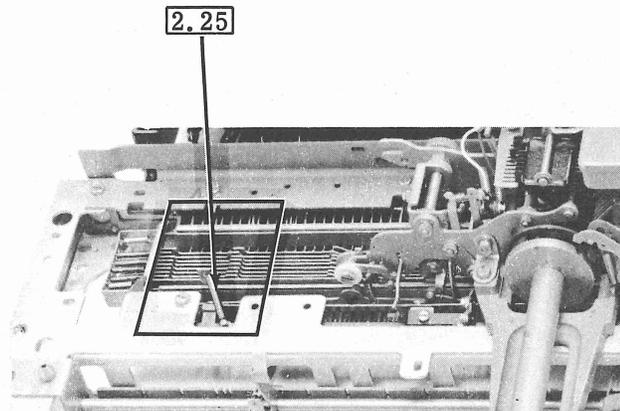
2.22 Codebar Bail Mechanism



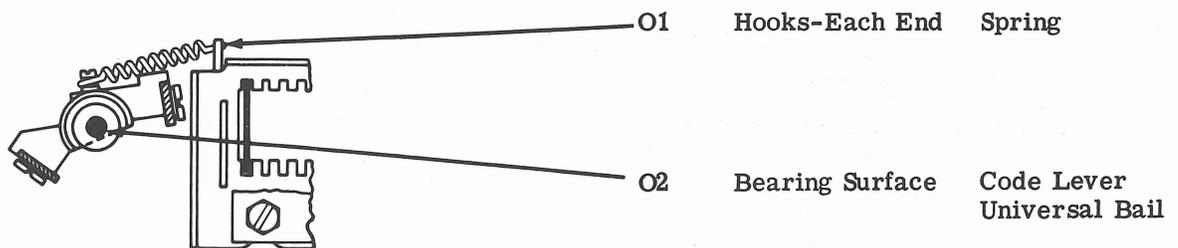
2.23 Universal Bail Latchlever



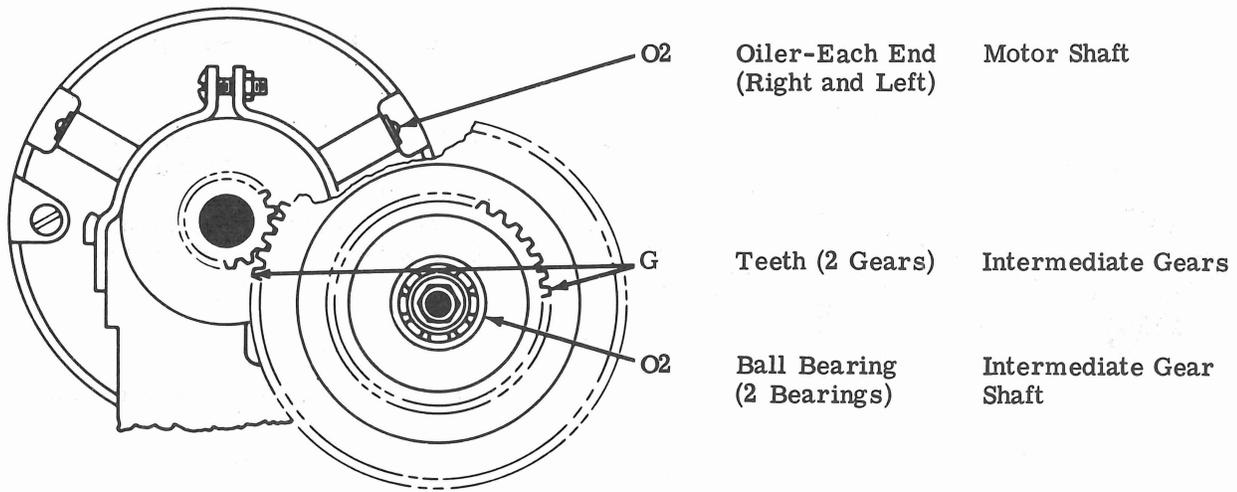
2.24 Keyboard Code Levers



2.25 Code Lever Universal Bail



2.26 Intermediate Gear Mechanism



3. BASE

THE LUBRICATION REQUIREMENTS IN PAR. 2.26 PLUS THOSE SHOWN IN PAR. 3.01 AND PAR. 3.02 CONSTITUTE THE LUBRICATION FOR A BASE.

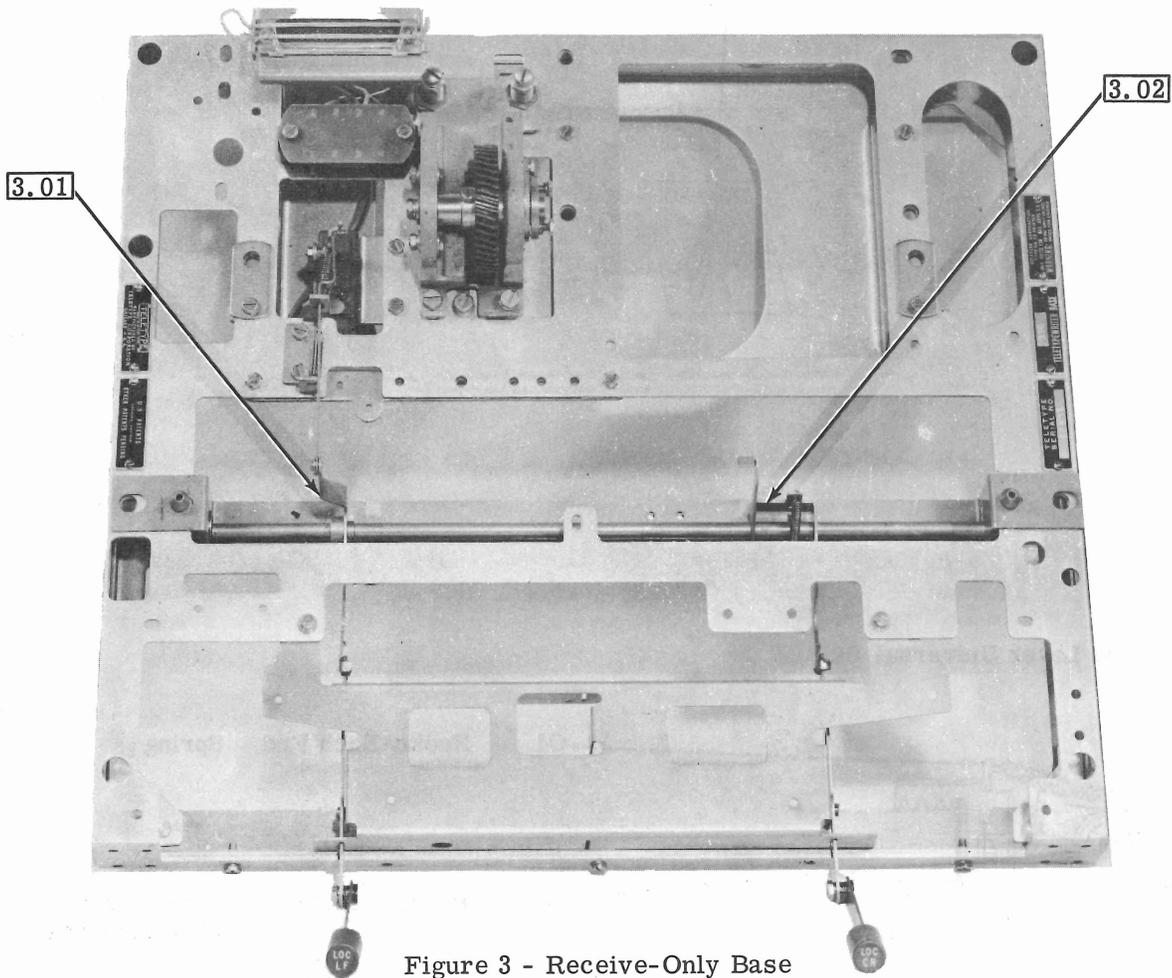
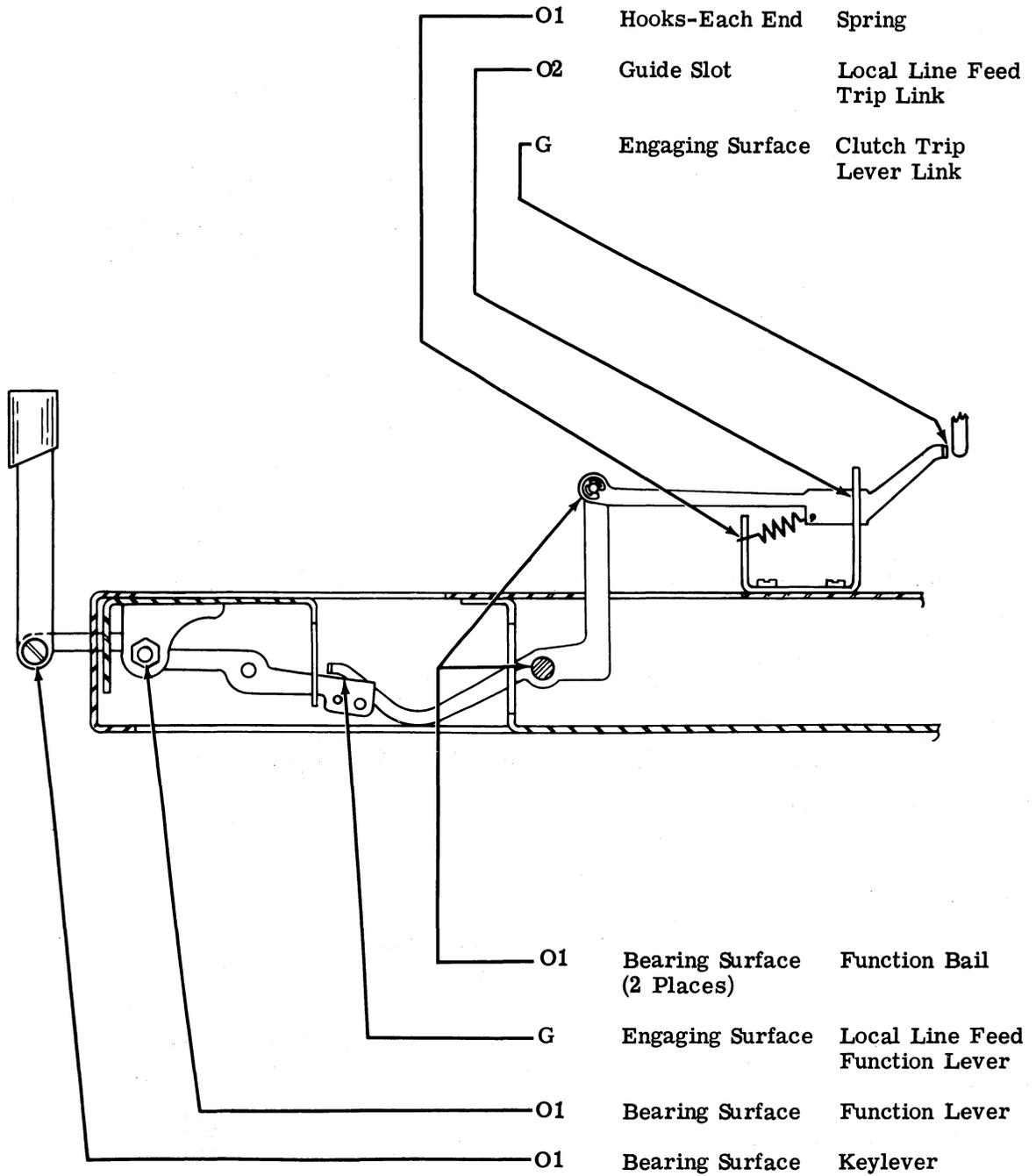


Figure 3 - Receive-Only Base

3.01 Local Line Feed Mechanism (Base)



3.02 Local Carriage Return Mechanism (Base)

