

37 TYPING REPERFORATOR
 LUBRICATION

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1. GENERAL

1.01 This section provides lubrication procedures for the Model 37 Typing Reperforator.

1.02 Photographs are used to show the general areas of lubrication. The paragraph numbers shown on the figures refer to specific

lubrication areas. Each paragraph consists of one or more line drawings and descriptive text that cover precise lubrication points.

1.03 Lubricate the typing reperforator before placing it in service and just prior to putting it in storage.

1.04 The unit should be relubricated after 200 hours of operation or four weeks, whichever comes first. Thereafter, lubricate all mechanisms of the reperforator according to the following schedule:

<u>Operating Speed</u>	<u>Lubrication Interval</u>
100 wpm	1500 hours or 6 months*
150 wpm	1000 hours or 6 months*

*Whichever occurs first.

CAUTION: DISCONNECT ALL AC POWER CORDS BEFORE PERFORMING ANY PROCEDURE.

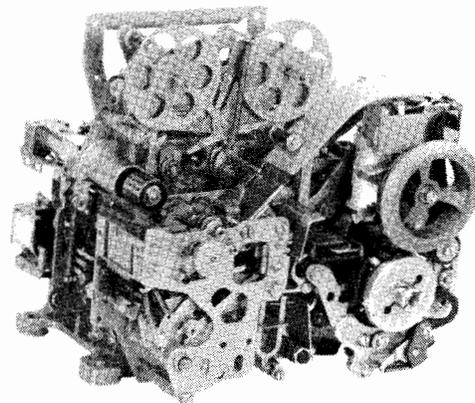


Figure 1 - 37 Typing Reperforator

SECTION 574-330-701TC

1.05 The following list of symbols applies to the specific lubrication instructions given in each paragraph.

Symbol

- O Oil with KS7470 oil as instructed.
- G Apply KS7471 grease.
- GO Apply a thin coat of a mixture containing equal parts of grease and oil.

Note: In general, the symbols indicate the type of lubricant. Quantity of lubricant is normally given with the text associated with specific lubrication instructions. An exception to this method is where the exact number of drops of oil is specified. For example, O1, O2, O3, etc, refer to 1, 2, 3, etc, drops of oil.

1.06 Oil should be applied by means of an oiler to points where it will adhere or where pressure is nominal. In lubricating small parts,

only a single drop of oil should be applied so that the oil remains on the part and does not run off.

Note: Care should be exercised to prevent lubricants from getting between armature and pole faces or between electrical contact points.

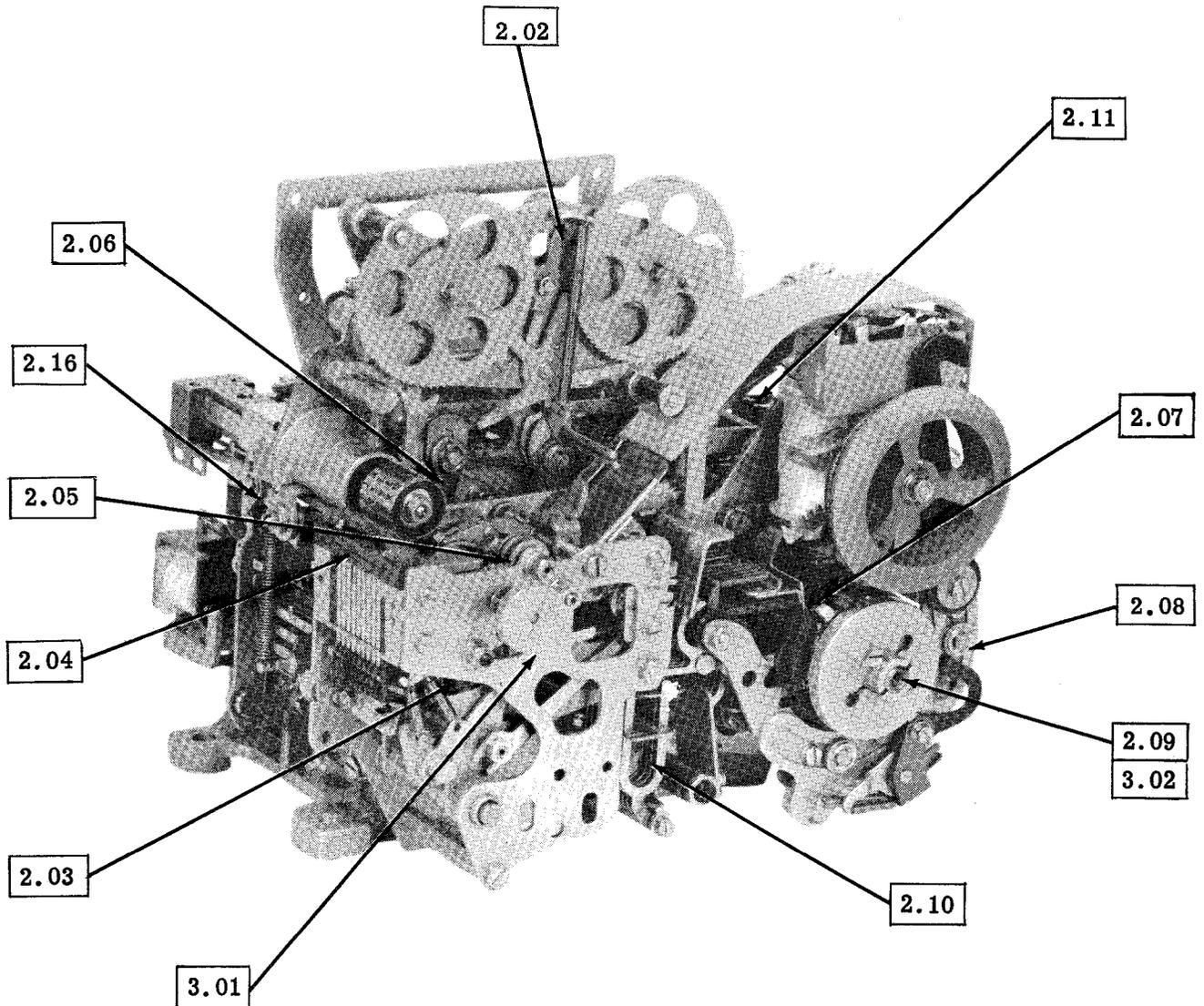
1.07 In general, oil should be used in such locations as hollow shafts, wicks, and in most locations where parts rub, slide, or move with respect to each other. Grease should be used on gear teeth and points of heavy pressure. Capillary action and vaporization tend to keep a film of oil on the mechanisms. This prevents rust and provides sufficient lubrication to many points.

1.08 Refer to Section 570-005-800TC covering tools used and also a description of various lubricants used on the typing reperforator.

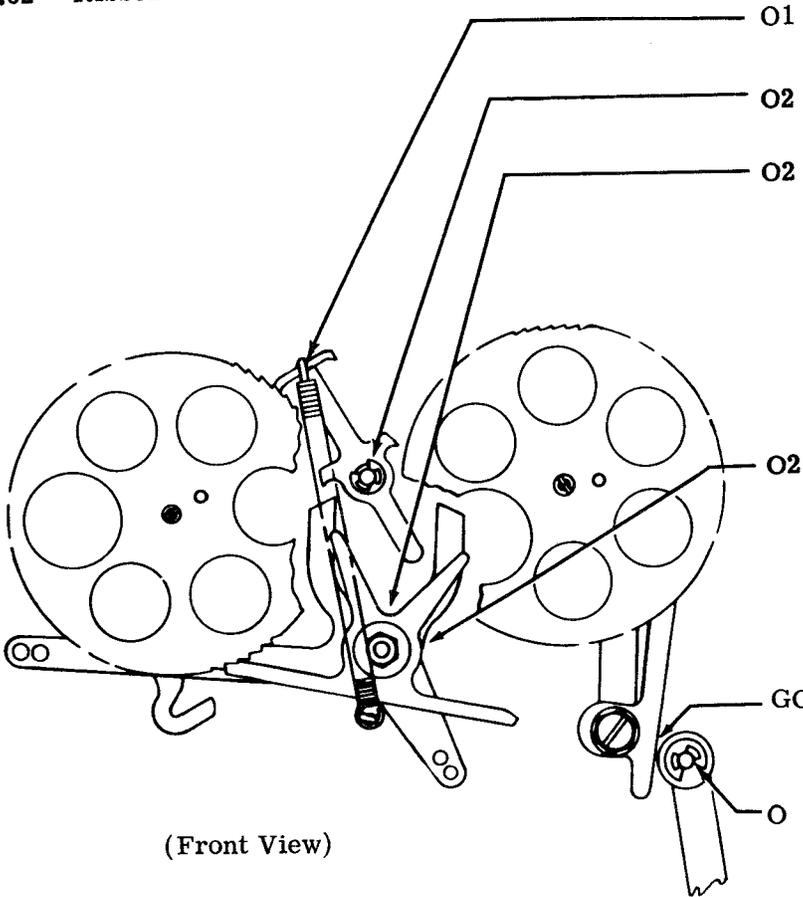
1.09 Protective pad TP124828 should be used to protect furniture and floor coverings from grease, oil, and dirt while lubricating the unit.

2. BASIC UNIT

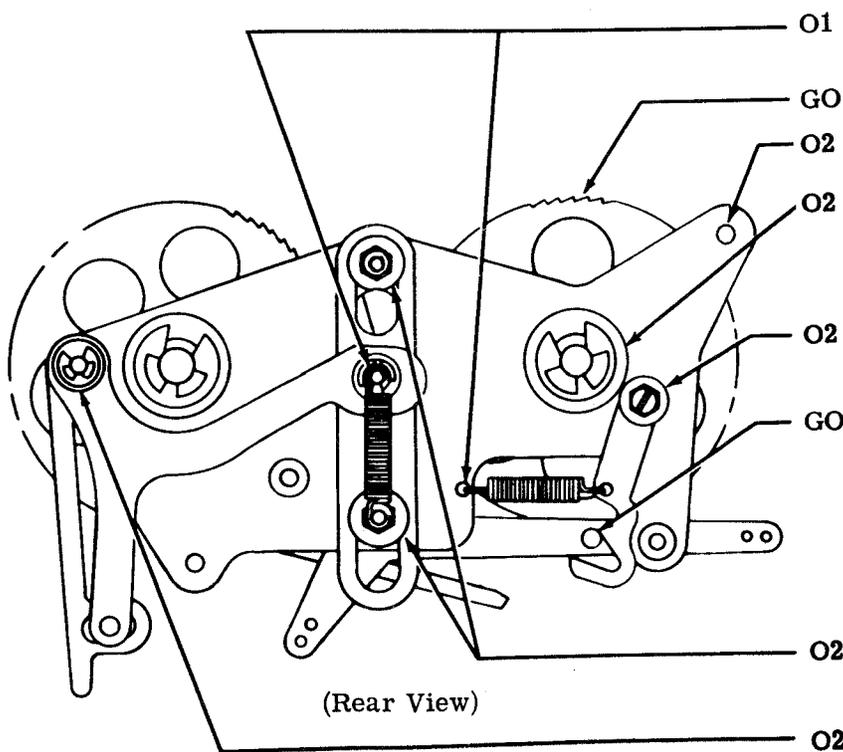
2.01 Typing Reperforator (Left Front View)



2.02 Ribbon Feed Mechanism

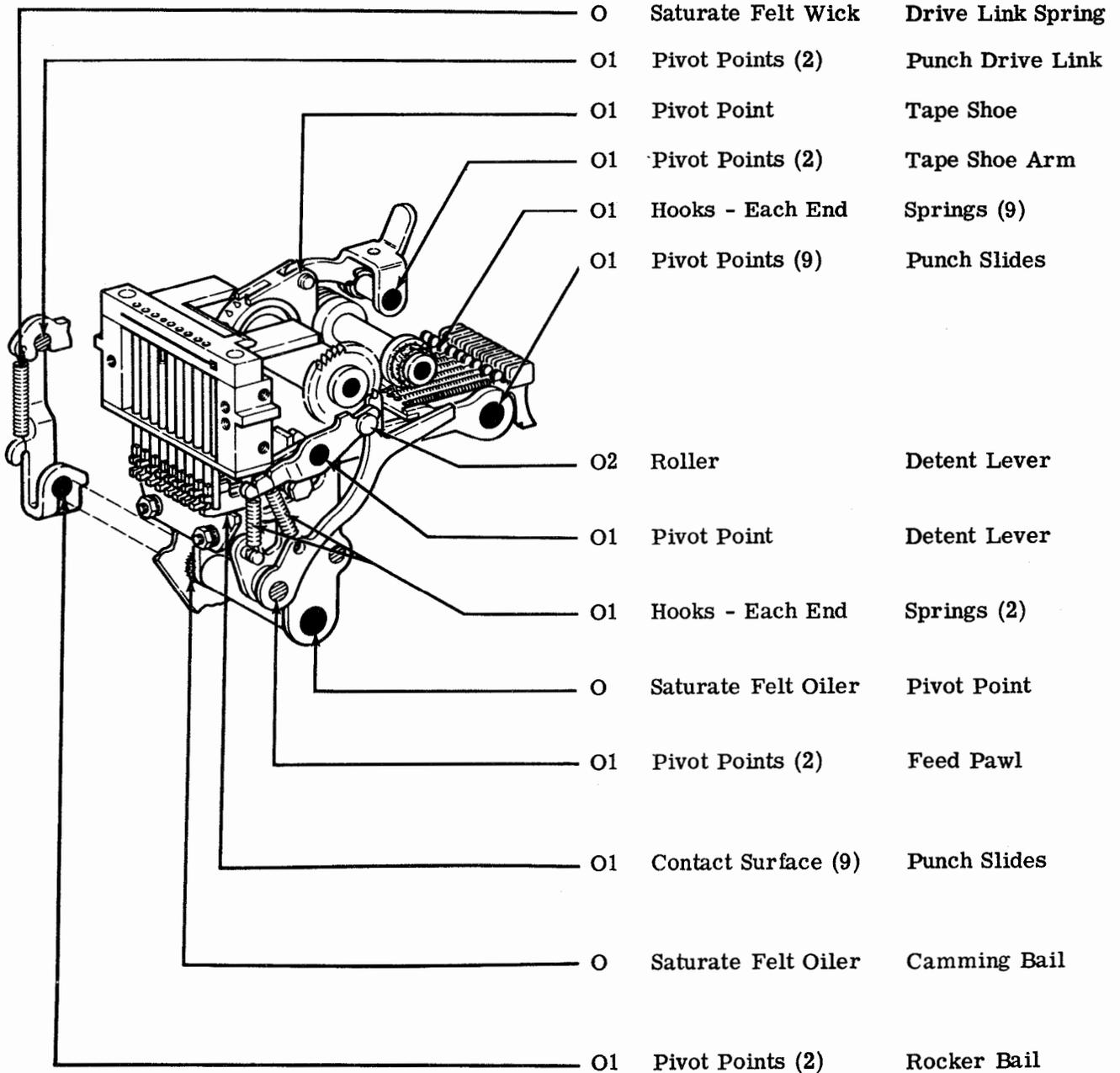


- O1 Hooks - Each End Spring
- O2 Pivot Point Feed Pawl
- O2 Pivot Check Pawl
- O2 Pivot Points (2) Reversing Arm
- GO Contacting Surface Drive Arm Adjustable Extension
- O Saturate Felt Oiler Drive Arm Roller



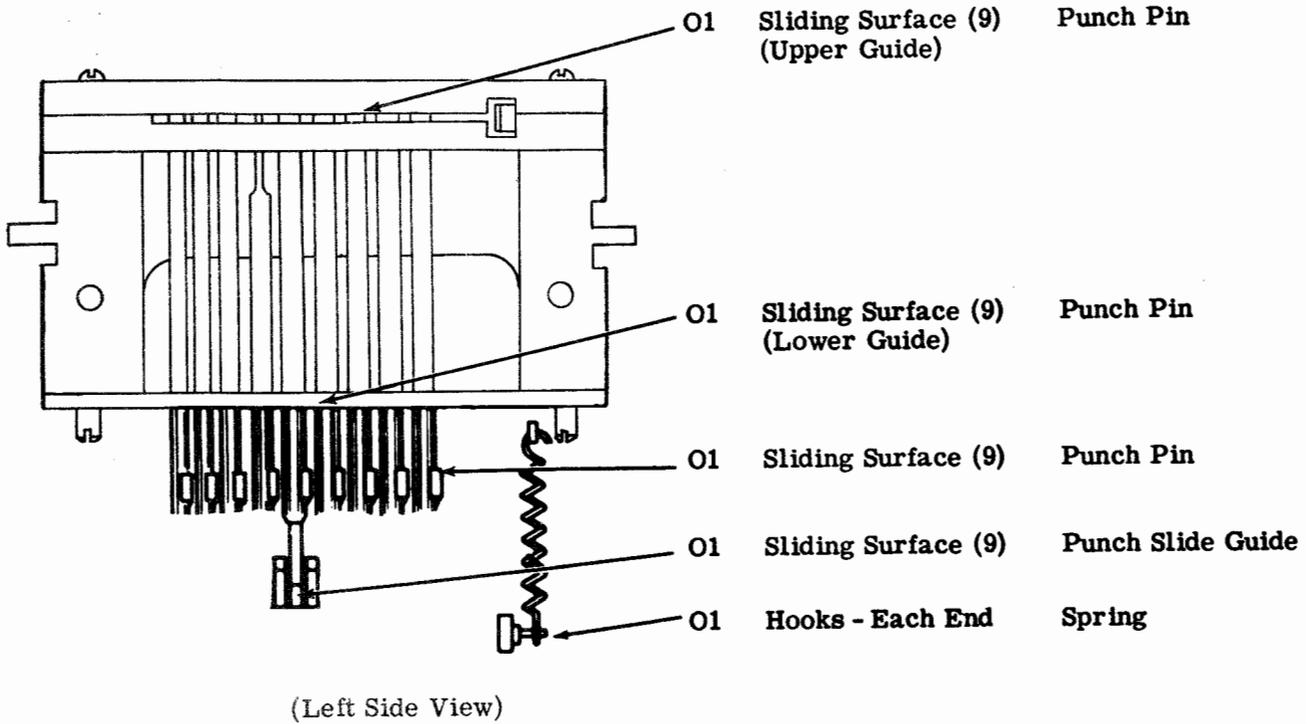
- O1 Hooks - Each End Springs (2)
- GO Teeth Ratchet Wheel (2)
- O2 Shaft Rollers (2)
- O2 Shaft, Felt Oilers Ratchet Wheel (2)
- O2 Pivot Detent
- GO Contacting Surfaces Detent
- O2 Upper and Lower Bushing Slide Lever
- O2 Pivot Drive Arm

2.03 Perforator Mechanism

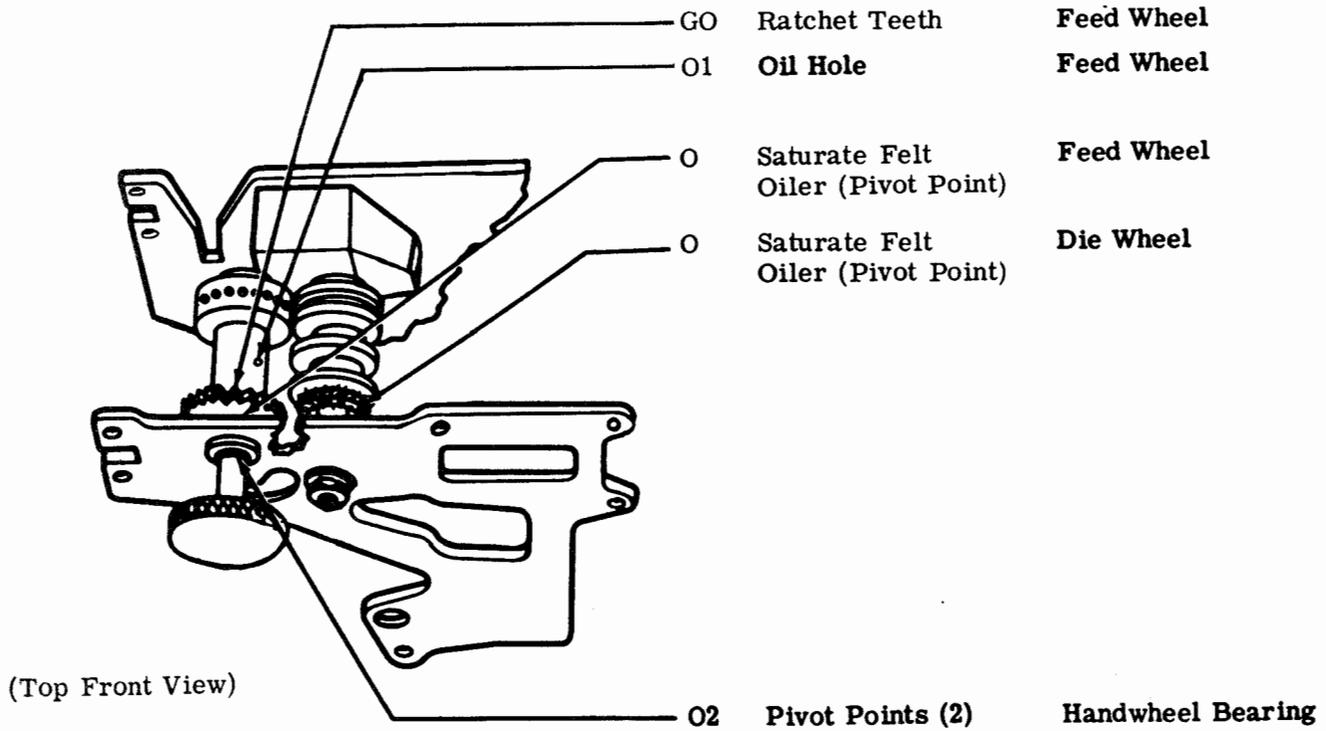


(Left Front View)

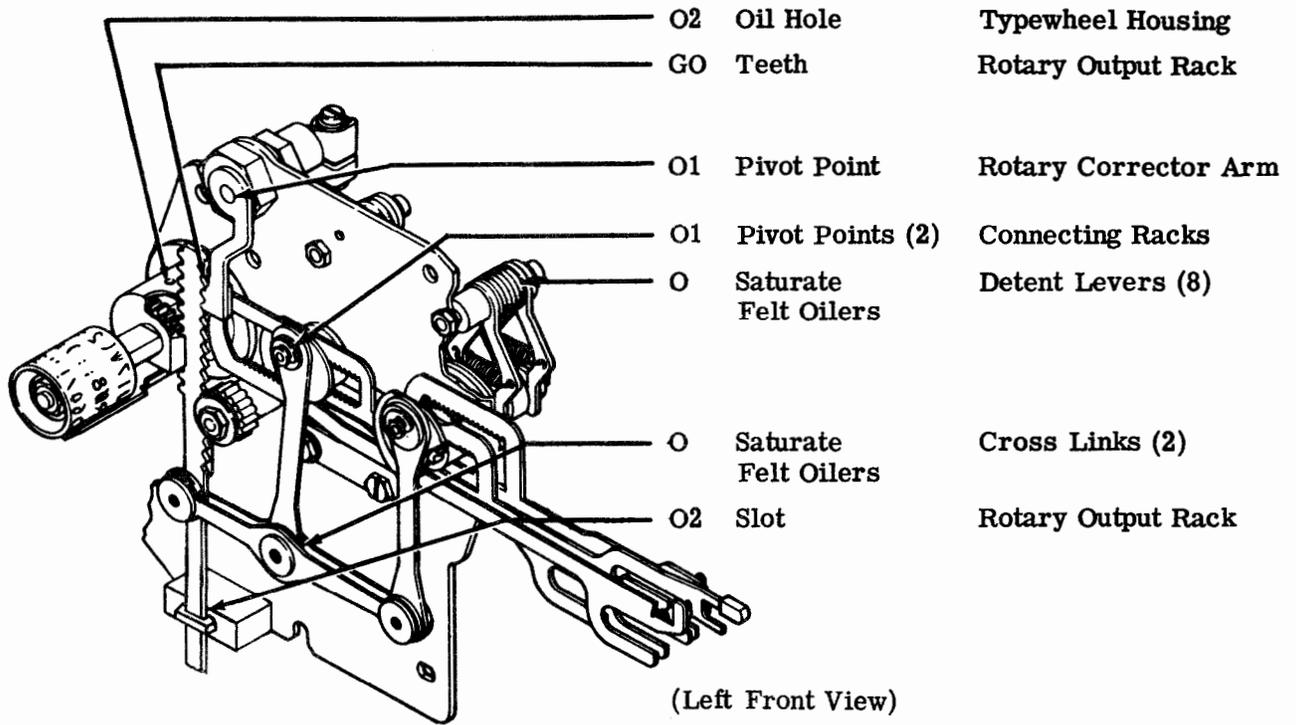
2.04 Punch Mechanism



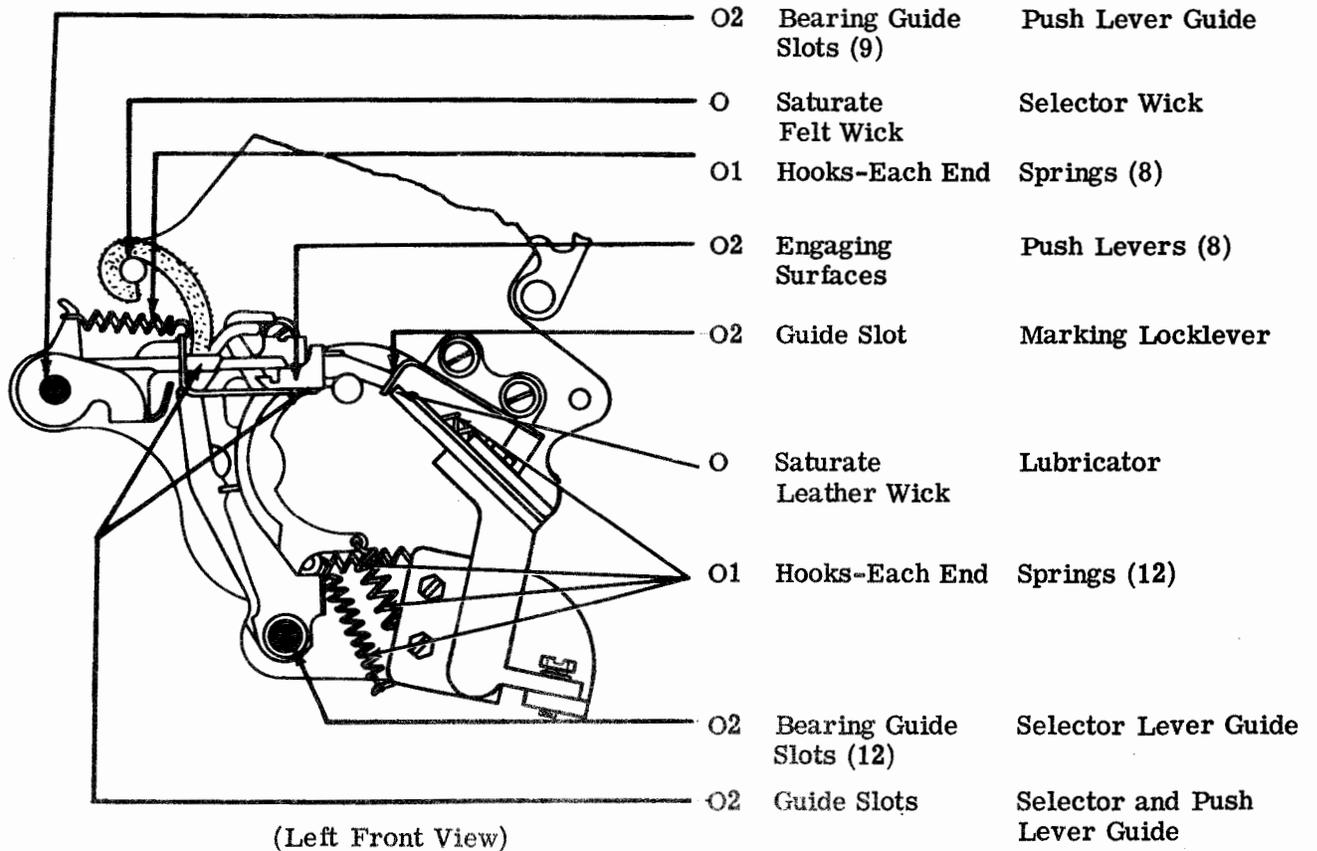
2.05 Feed Mechanism



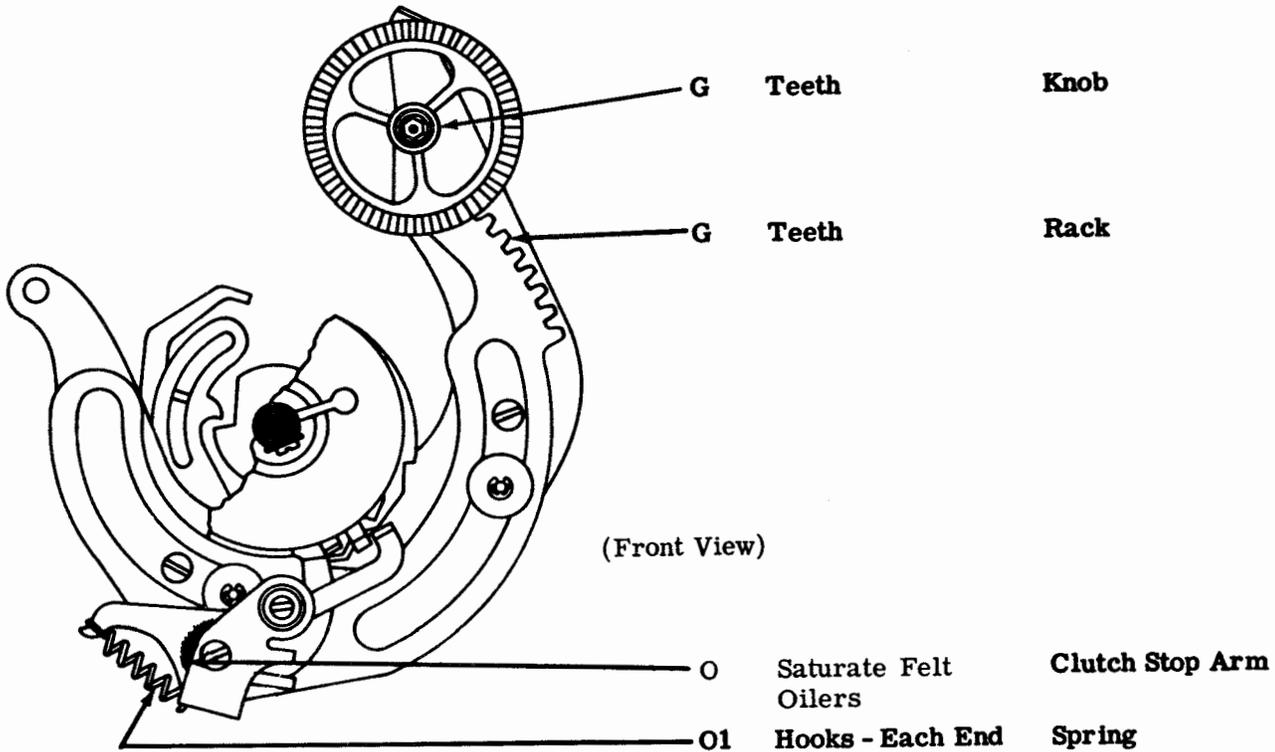
2.06 Rotary Positioning Mechanism



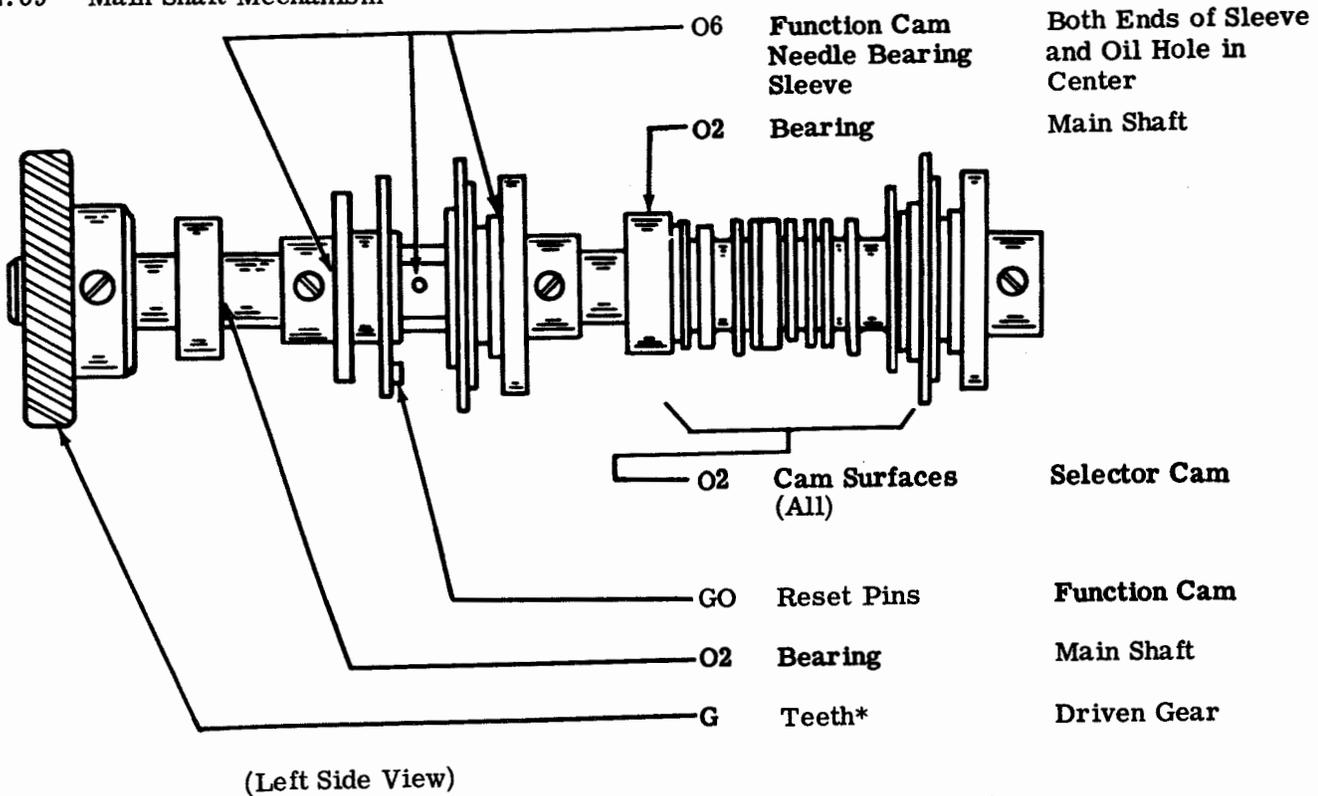
2.07 Selecting Mechanism



2.08 Range Finder Mechanism

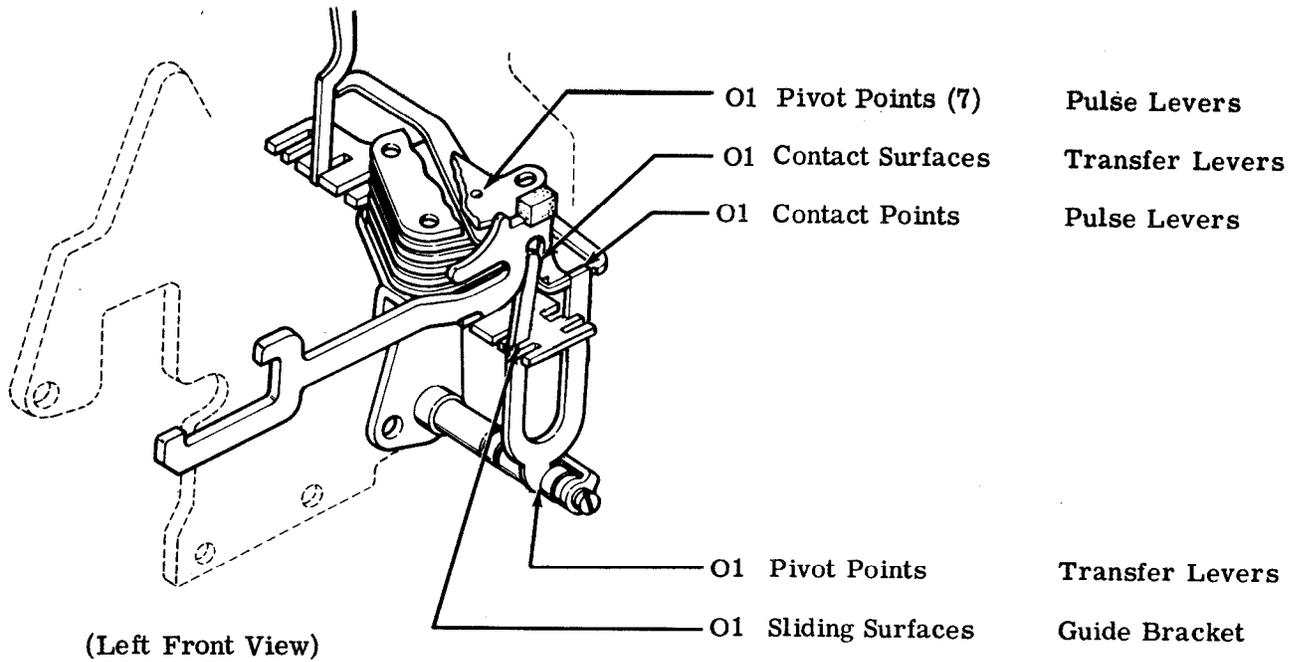


2.09 Main Shaft Mechanism

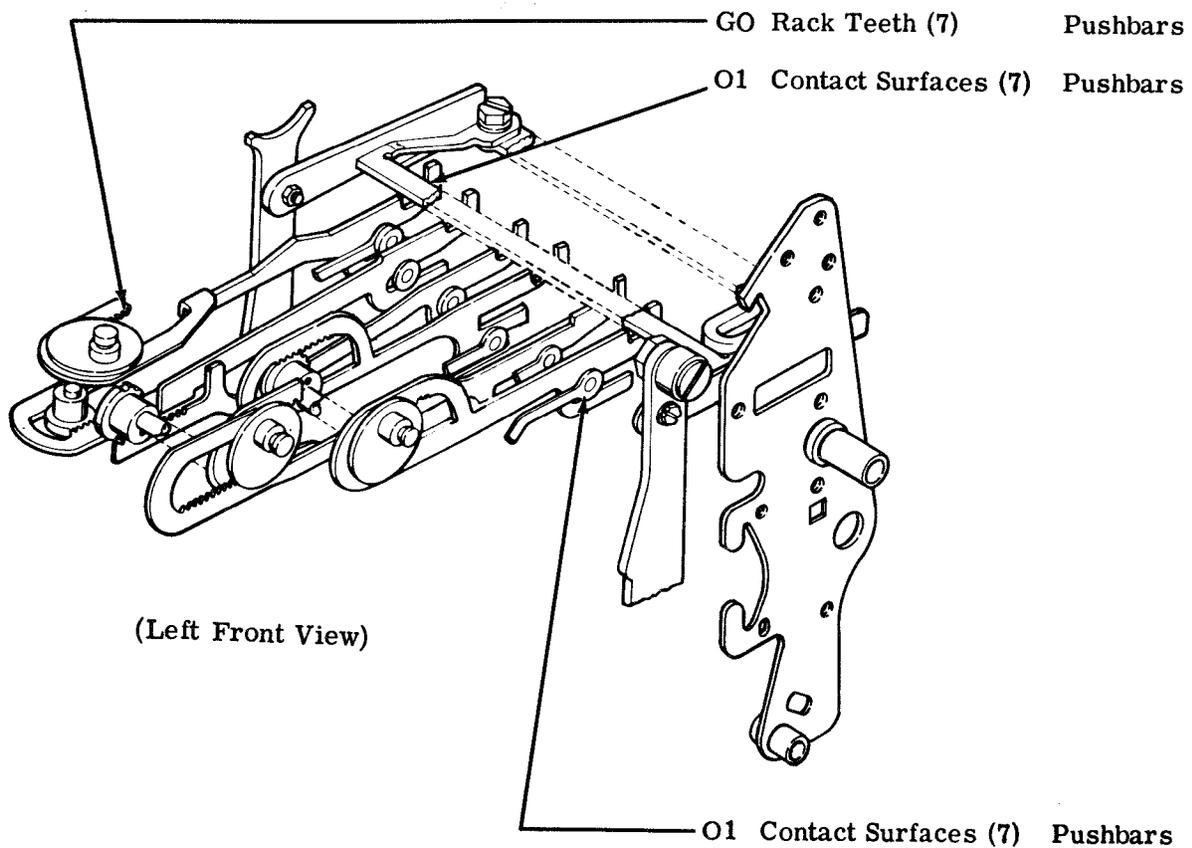


*Note: Do not lubricate when unit is equipped with a belt driven sprocket.

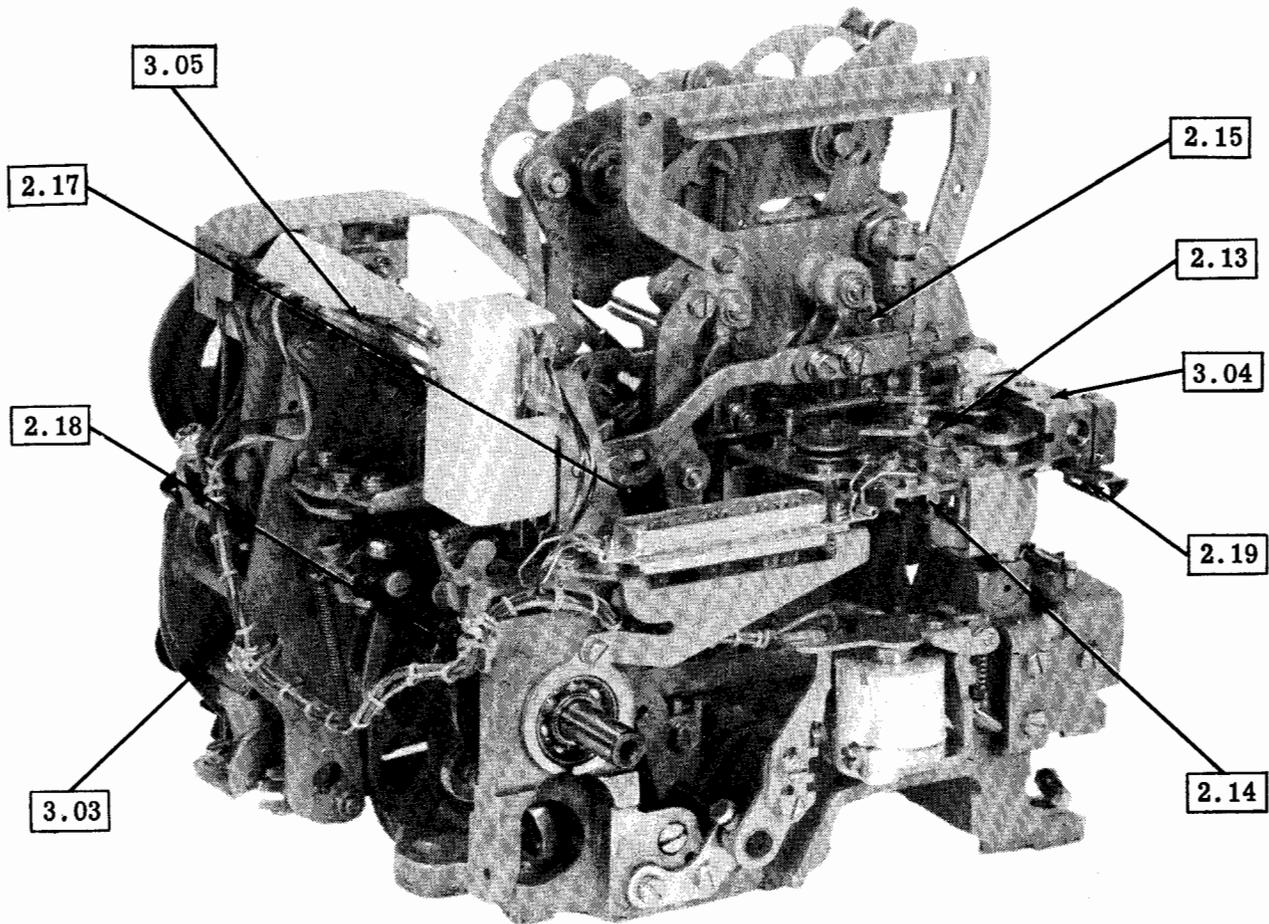
2.10 Transfer Mechanism



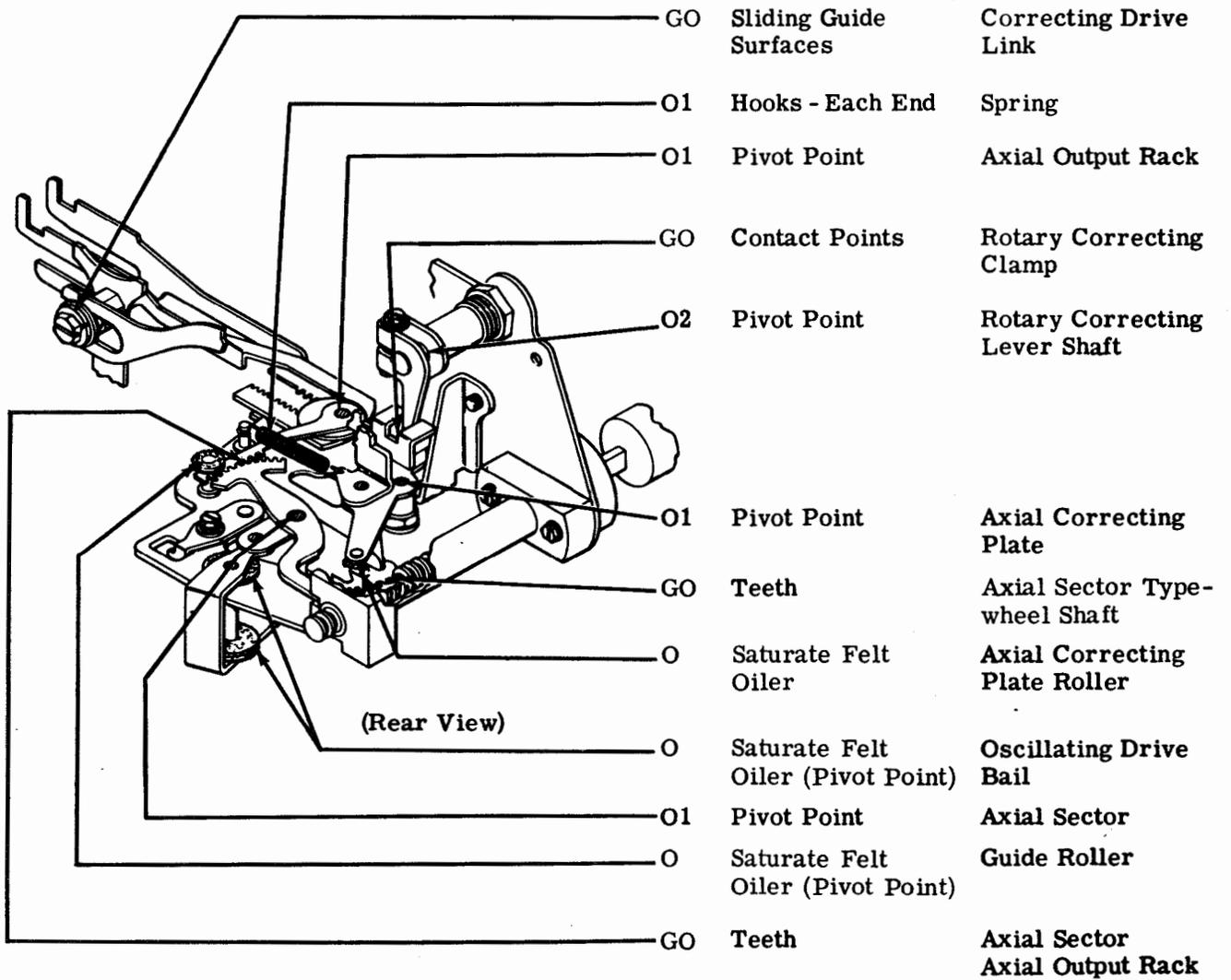
2.11 Pushbars



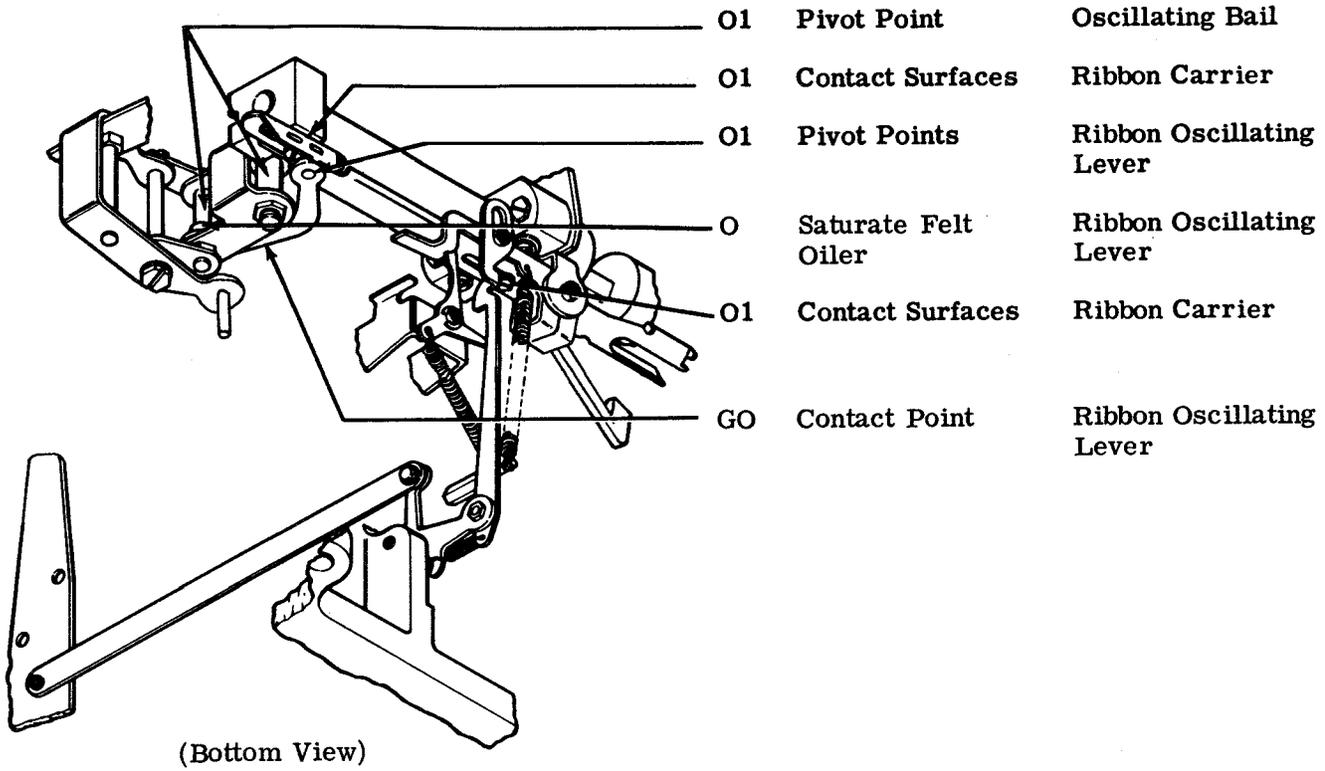
2.12 Typing Reperforator (Right Rear View)



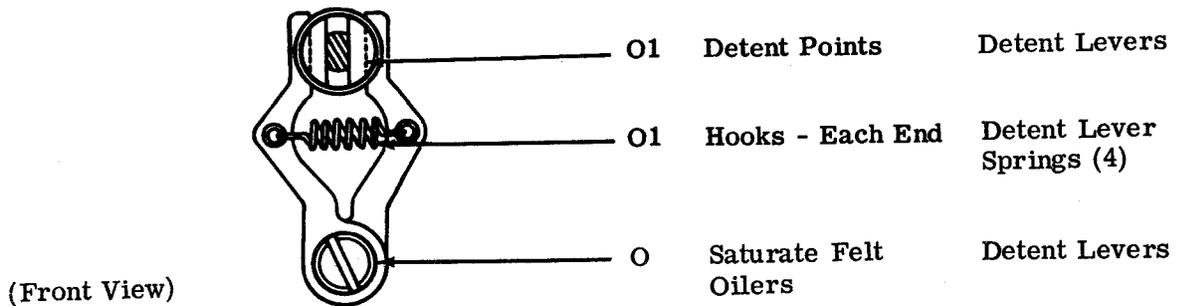
2.13 Axial Positioning Mechanism



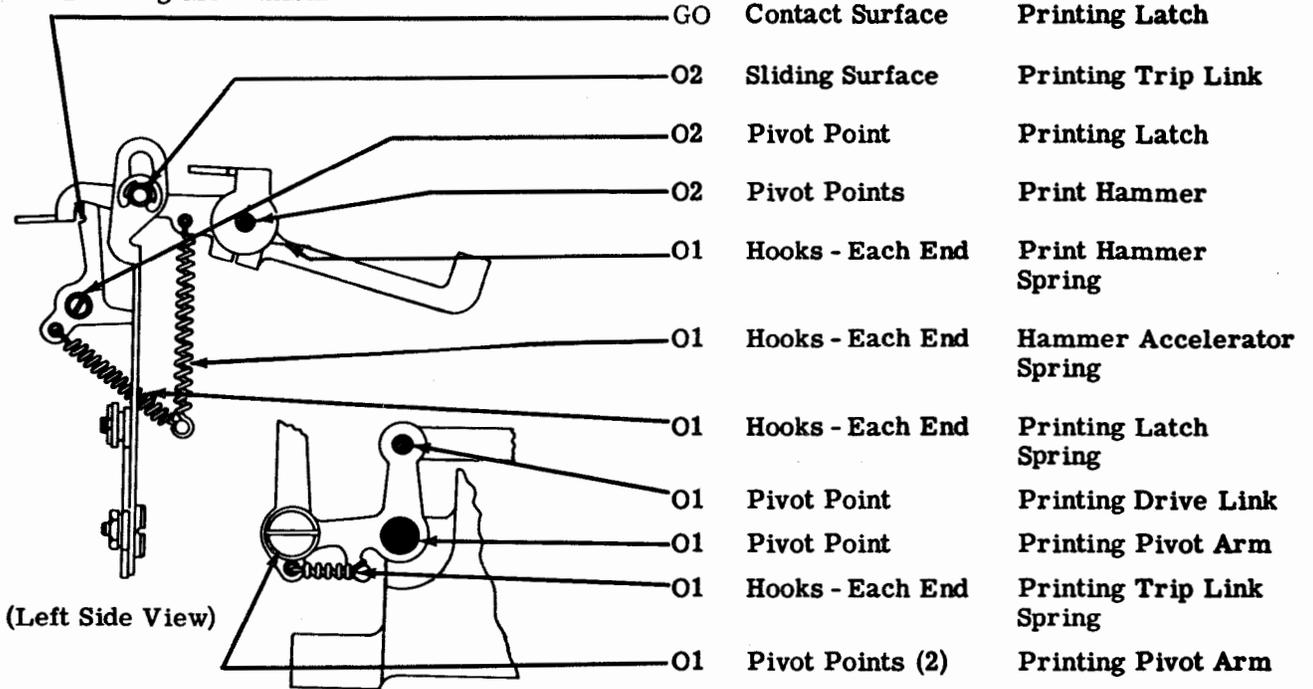
2.14 Axial Positioning Mechanism (continued)



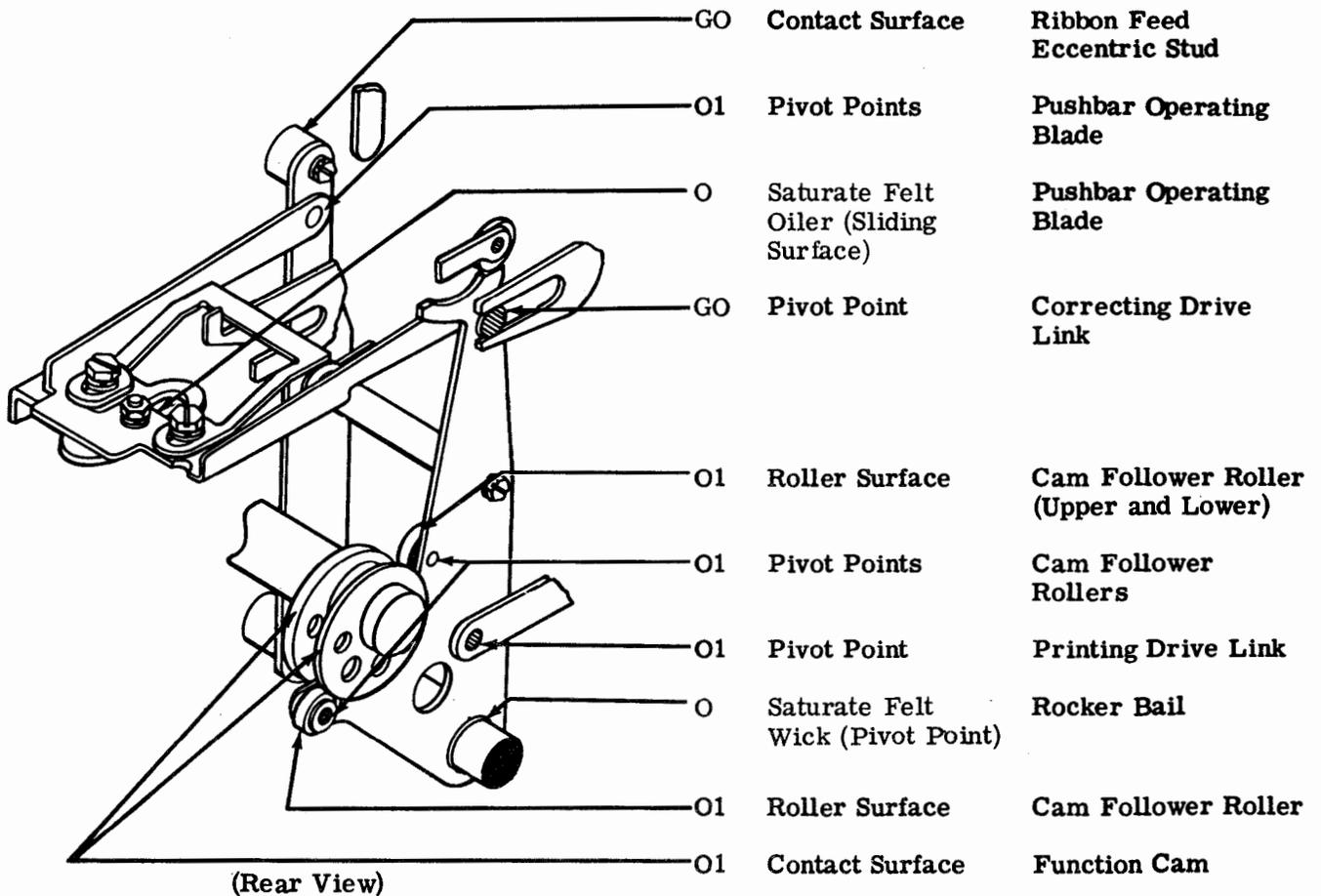
2.15 Detent Assemblies



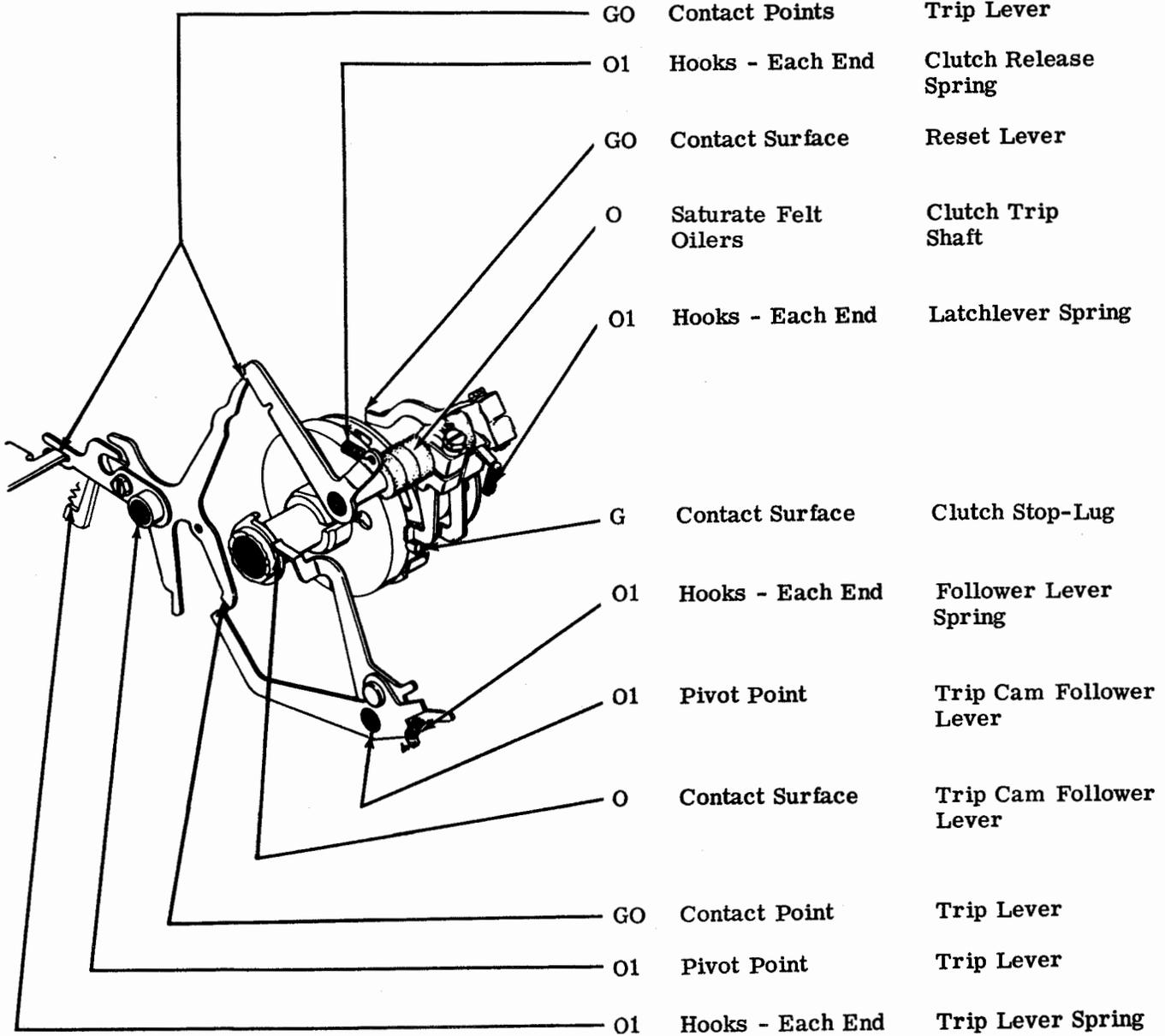
2.16 Printing Mechanism



2.17 Rocker Bail Mechanism

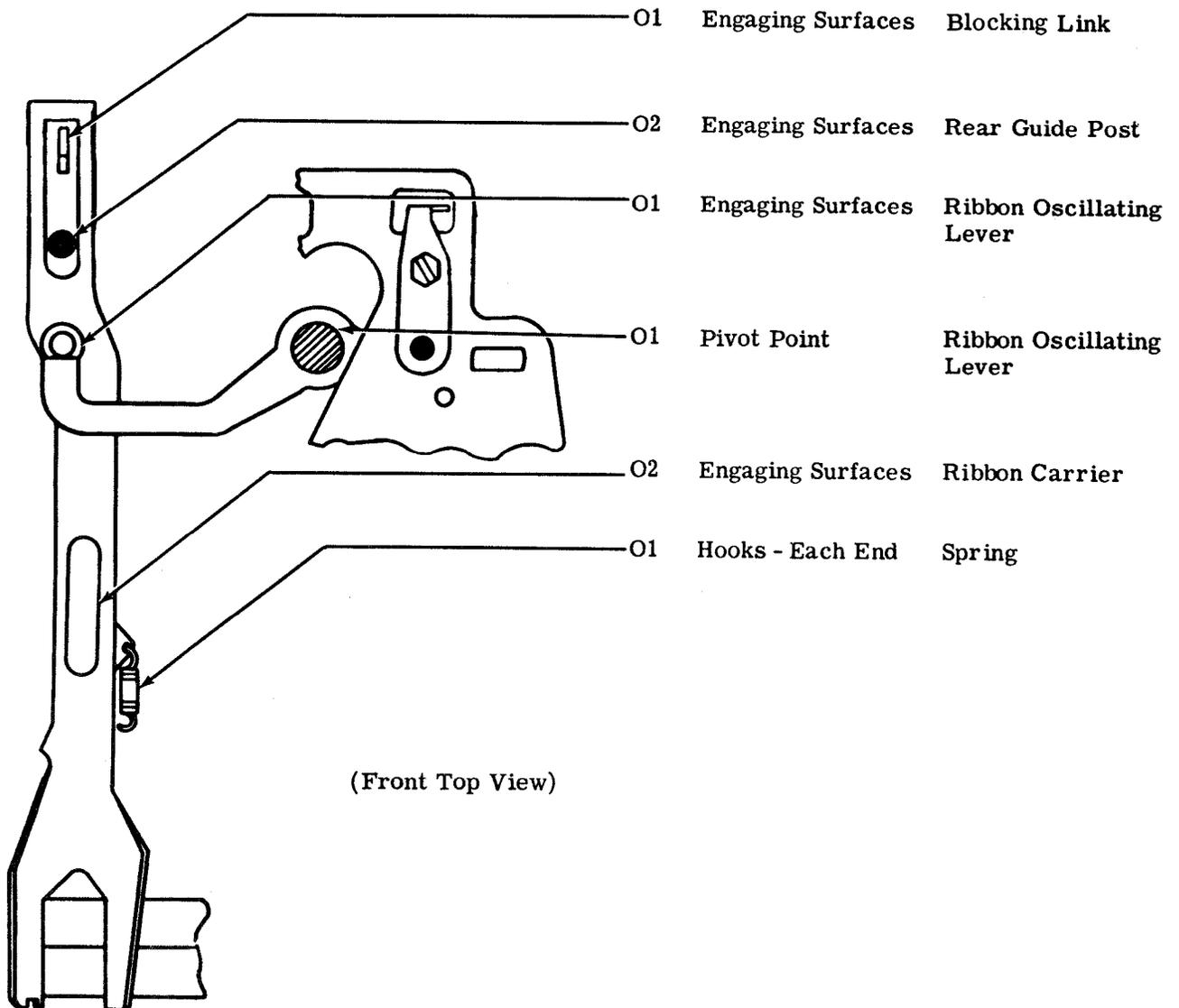


2.18 Clutch Trip Mechanism



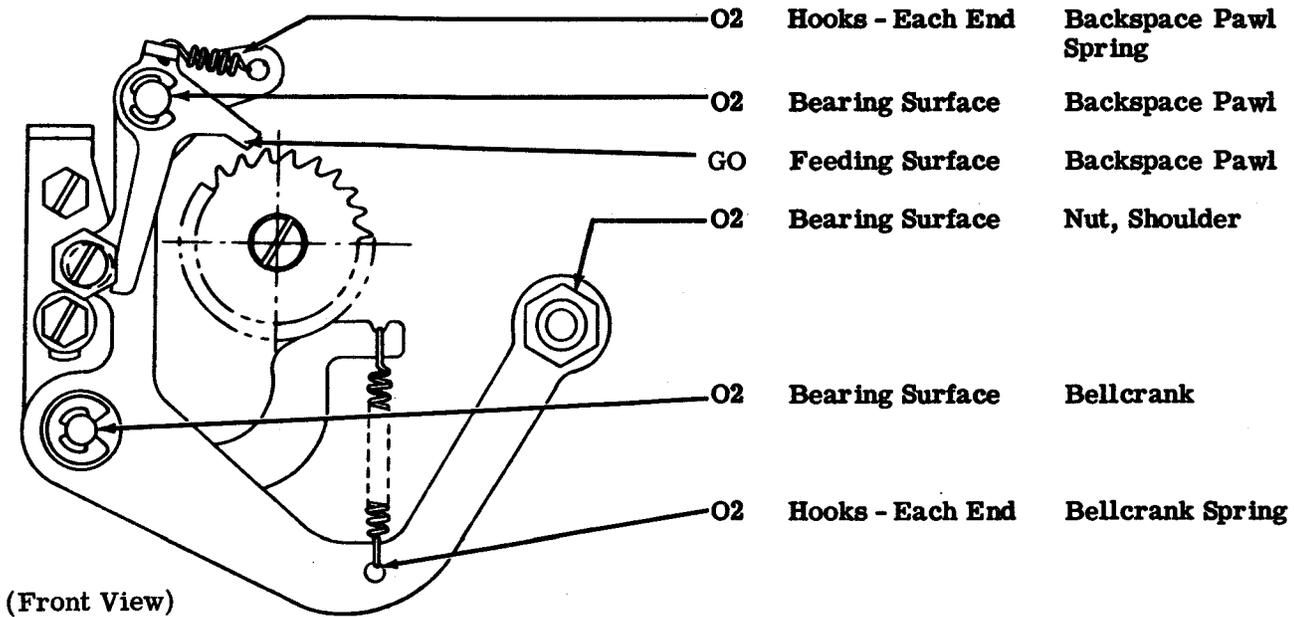
(Right Front View)

2.19 Ribbon Carrier Mechanism

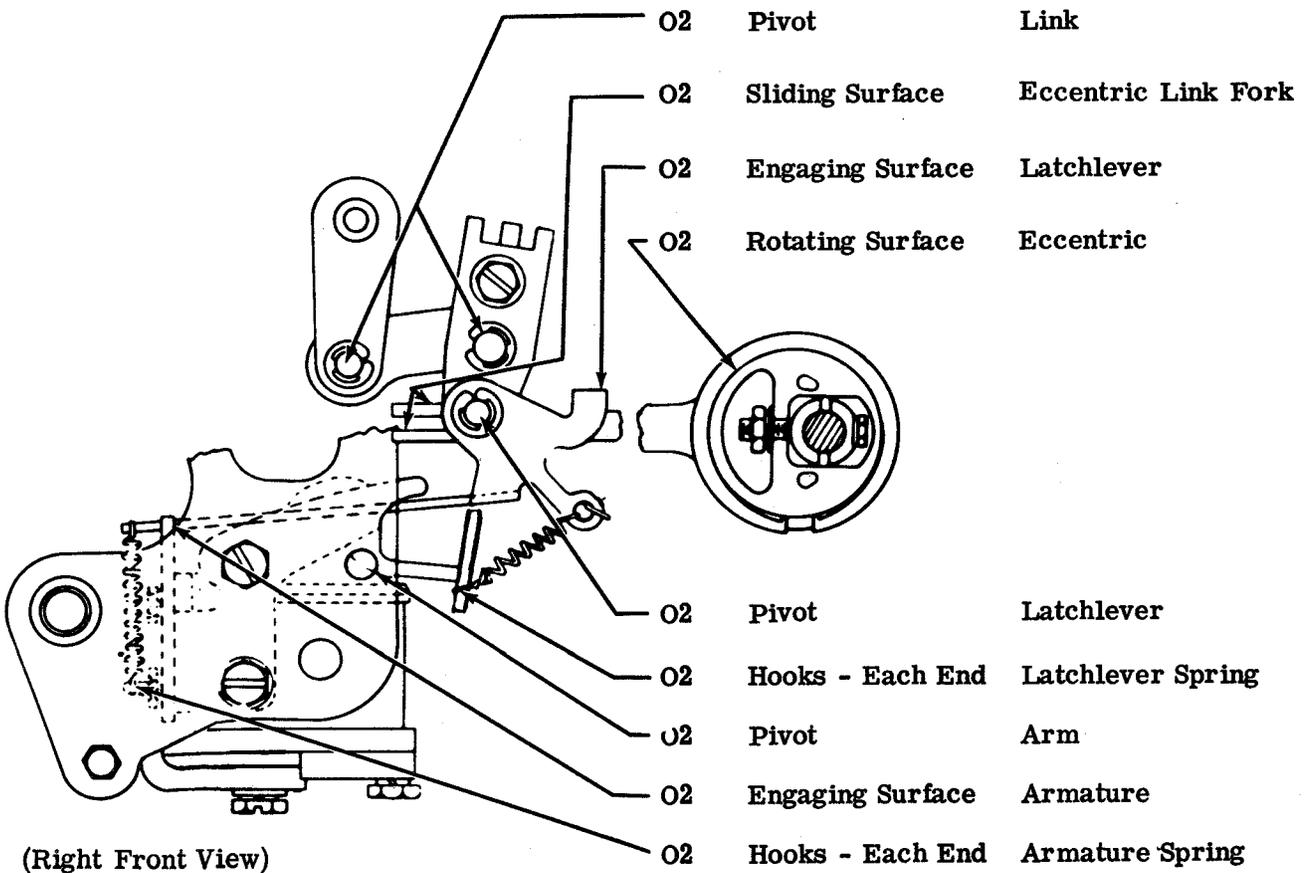


3. VARIABLE FEATURES

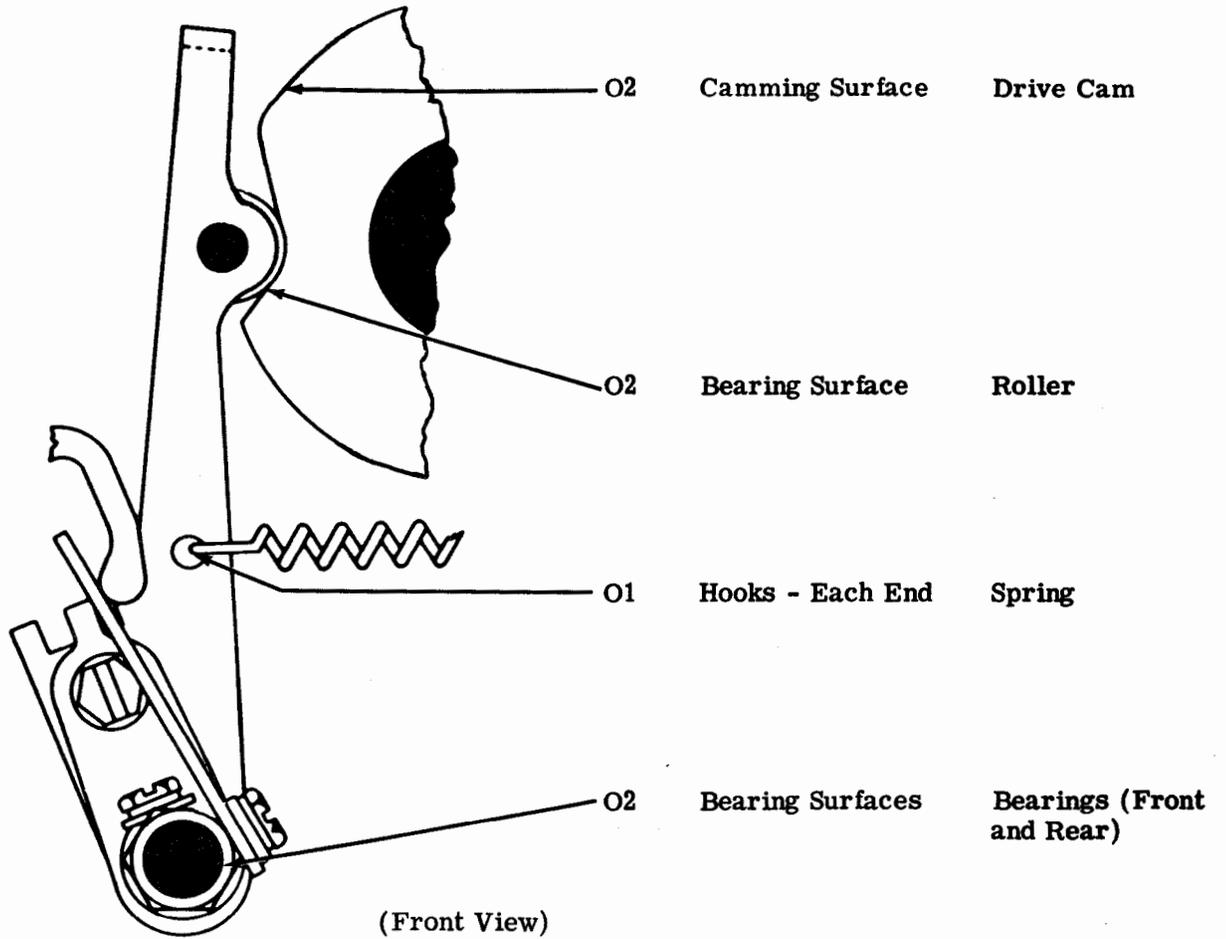
3.01 Manual Backspace Mechanism



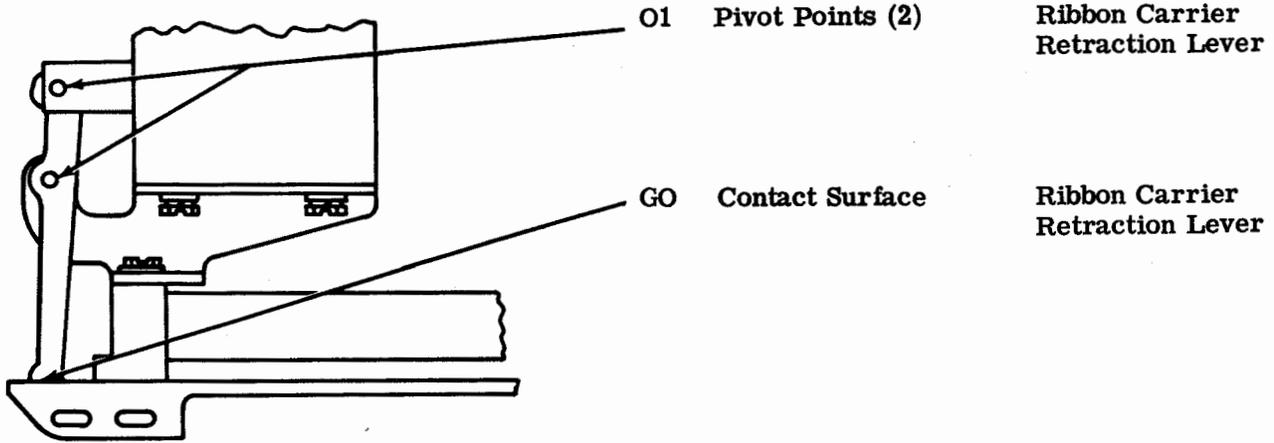
3.02 Power Drive Backspace Mechanism



3.03 Remote Control Interfering Tape Delete Feed-Out Mechanism



3.04 Two-Color Ribbon Mechanism



3.05 Two-Color Ribbon Contact Mechanism

