

28 KEYBOARD, BASE, COVER, AND MOTOR
 FOR COMPACT KSR AND RO TELETYPEWRITER SETS

LUBRICATION

CONTENTS	PAGE	CONTENTS	PAGE
1. GENERAL	1	3. VARIABLE FEATURES	14
2. BASIC UNITS	3	TIME DELAY MECHANISM	14
COVER	12	Cam follower and feed mechanism . .	15
Cover latch mechanism	12	Time delay mechanism - front	
Cover unit - front left view	12	right view	14
Dome hinge	13	Trip and reset mechanism	14
Dome stop arm	13		
Window door hinge	13	1. GENERAL	
KEYBOARD	3	1.01 This section is issued to provide lubri-	
Break and Rept keylevers	4	cation instructions for the keyboard,	
Cam follower and contact levers	7	base, cover, and motor used on the 28 Compact	
Cam sleeve	8	Keyboard Send-Receive and Receive-Only Tele-	
Clutch trip magnet assembly	8	typewriter Sets.	
Codebar mechanism	5	1.02 The general lubrication areas are illus-	
Contact block	4	trated by photographs. The specific	
Distributor mechanism - front		points to receive lubricant are indicated by line	
right view	7	drawings with text, which follow the photographs.	
Gear assembly	10	The drawings are keyed to the photographs by	
Gear shift assembly - front		paragraph numbers. Figure 1 illustrates the	
left view	9	general location of the major mechanisms to be	
Gear shift linkage	9	lubricated. When lubricating the Receive-Only	
Keyboard transmitter mechanism -		base, use Paragraphs 2.15 through 2.19 which are	
guide plate removed - front top view .	3	applicable to both the keyboard and base units.	
Keylevers	3		
Latchlever	5	Note: References made to left or right, top	
Local carriage return mechanism	10	or bottom, and front or rear apply to the	
Local line feed mechanism	10	mechanism in its normal operating position	
Margin indicator switch	10	as viewed by the operator facing the unit.	
Reset bail	5	1.03 All felt lubricating washers and all mov-	
Solenoid reset mechanism	6	ing surfaces should be thoroughly lubri-	
Spacebar	4	cated. However, over lubrication which would	
Universal lever	5	allow oil to drip or grease to be thrown on other	
MOTOR	11	parts should be avoided. Exercise special care	
Motor lubrication points	11	to avoid getting oil or grease on electrical con-	
Motor unit - front view	11	tact surfaces.	
		1.04 Lubricate the base or keyboard, motor,	
		and cover before putting the set into ser-	
		vice or before placing it in storage. After a	
		short period of service, relubricate the set to	

make certain that no areas have been missed. Thereafter, lubricate the mechanisms and units according to the following schedules:

- (a) Keyboard Transmitter Mechanism (Par. 2.01 through Par. 2.10)

<u>Baud</u>	<u>Lubrication Interval</u>
45.5, 50.0	1000 hr or 1 yr*
74.2, 75.0	500 hr or 6 mo*

*Whichever occurs first.

- (b) Motor Unit

Lubricate the motor unit every 4 months or 1500 hours, whichever occurs first.

- (c) All Other Mechanisms and Units

<u>Baud</u>	<u>Lubrication Interval</u>
45.5	3000 hr or 1 yr*
50.0	2400 hr or 9 mo*
74.2, 75.0	1500 hr or 6 mo*

*Whichever occurs first.

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

- D Keep dry - no lubricant permitted.
- G Apply thin coat of grease.
- O Apply 1 drop of oil.
- O2 Apply 2 drops of oil.
- O3 Apply 3 drops of oil, etc.
- OS Oil sparingly (1 or 2 drops only).
- OSD Oil sparingly or leave dry. #
- OSL Oil sparingly or liberally.
- SAT Saturate with oil.

#Applies to all areas not contacted by other parts.

CAUTION: DO NOT CLEAN THE KEYBOARD CONTACT BLOCK WITH SOLVENTS.

1.06 Use KS-7470 oil at all locations where the use of oil is indicated. Use KS-7471 grease on all surfaces where grease is indicated.

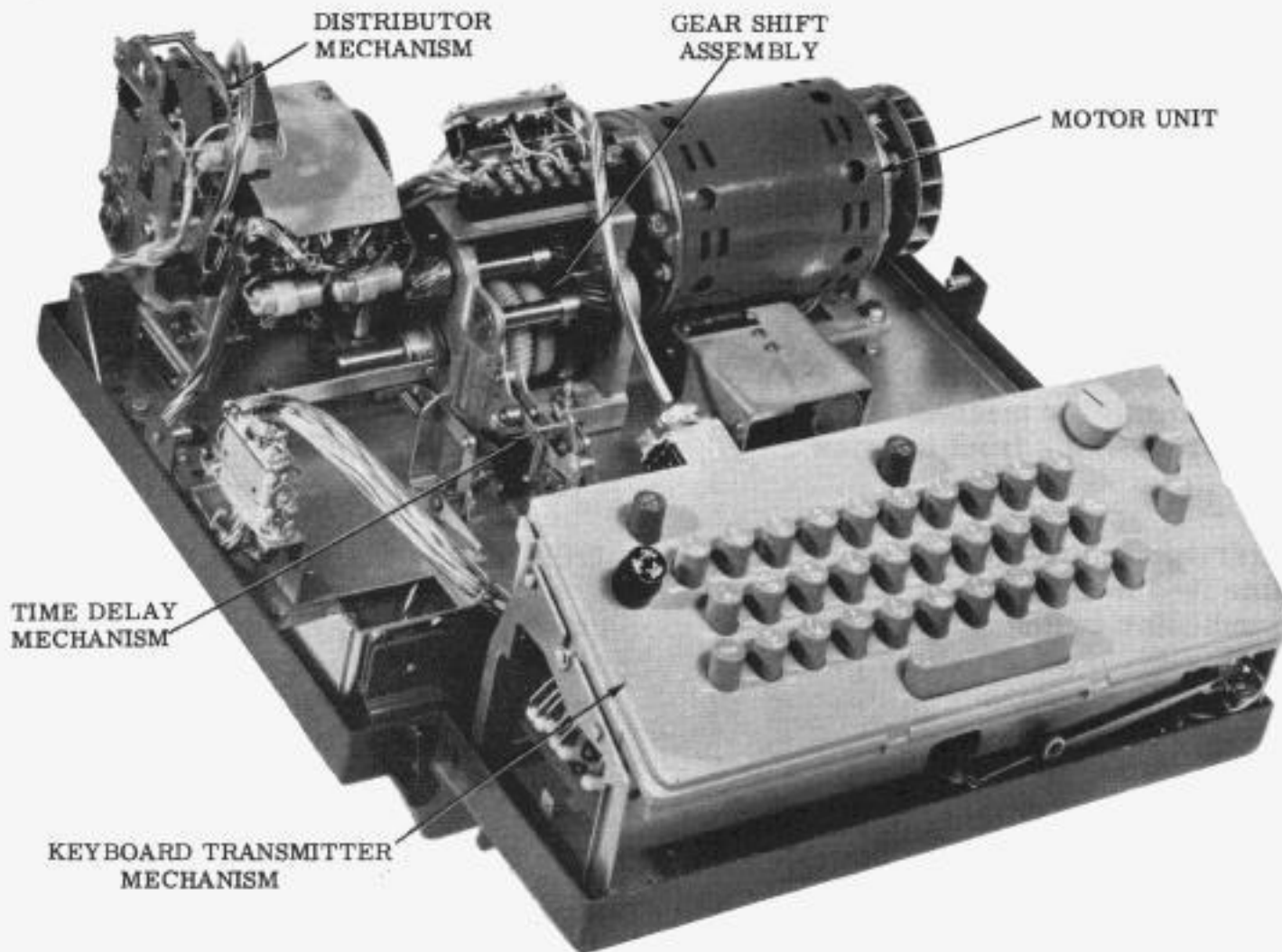
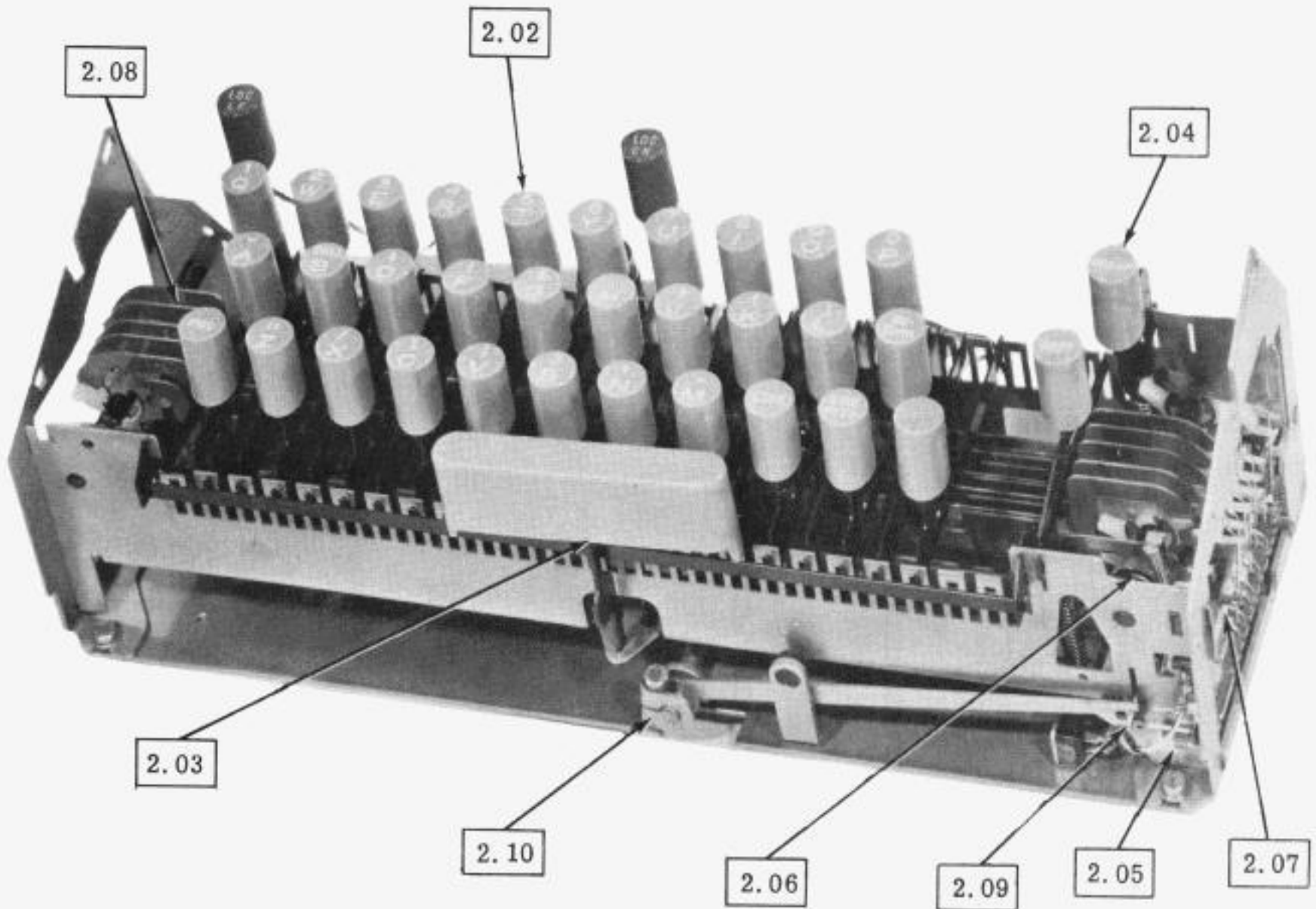


Figure 1 - Keyboard with Motor Unit and Time Delay Mechanism

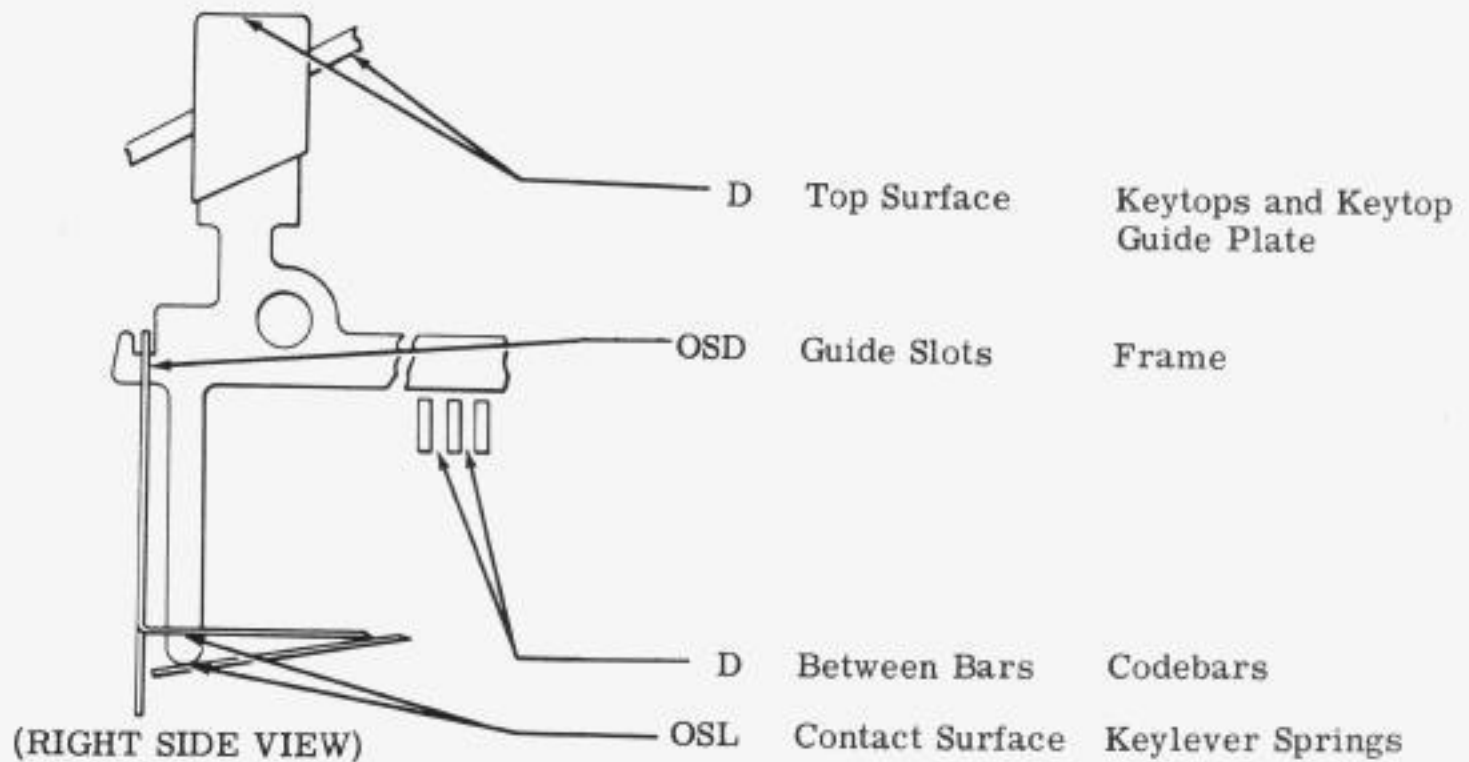
2. BASIC UNITS

KEYBOARD

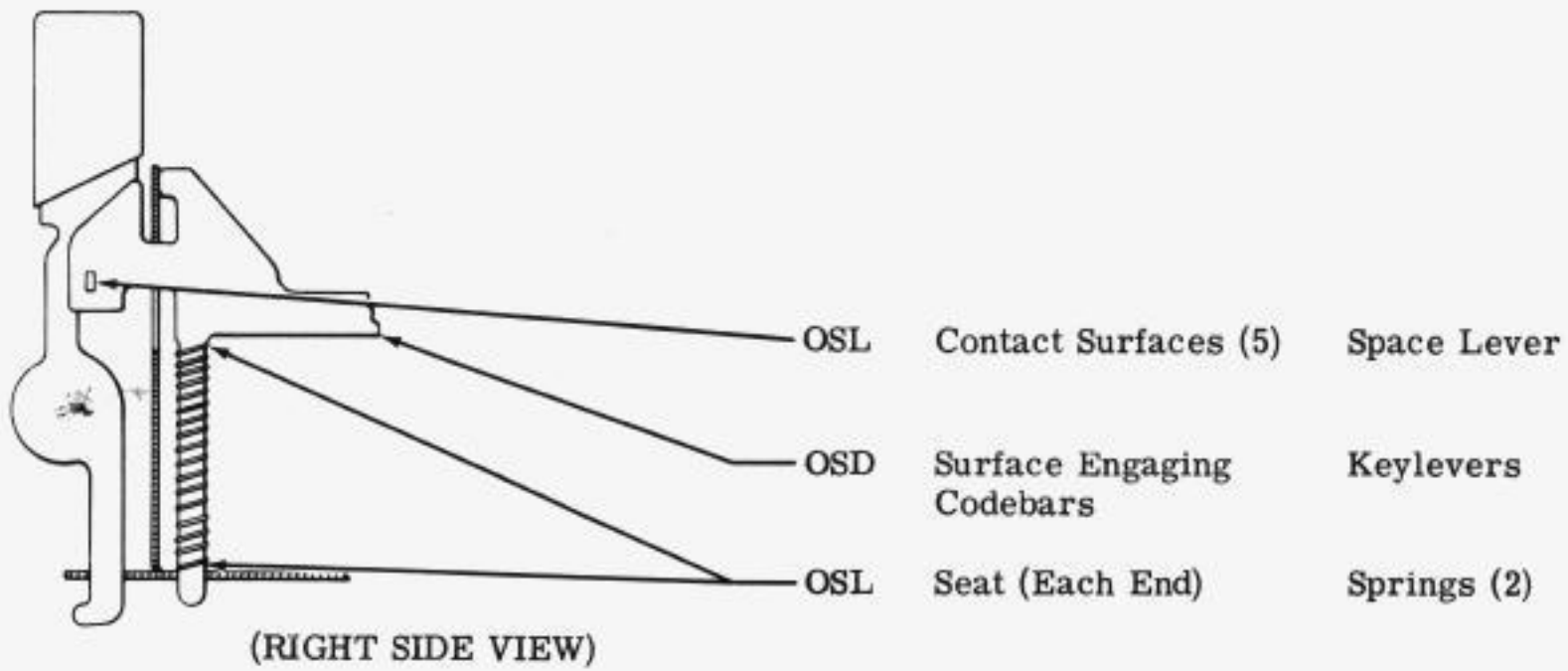
2.01 Keyboard Transmitter Mechanism - Guide Plate Removed - Front Top View



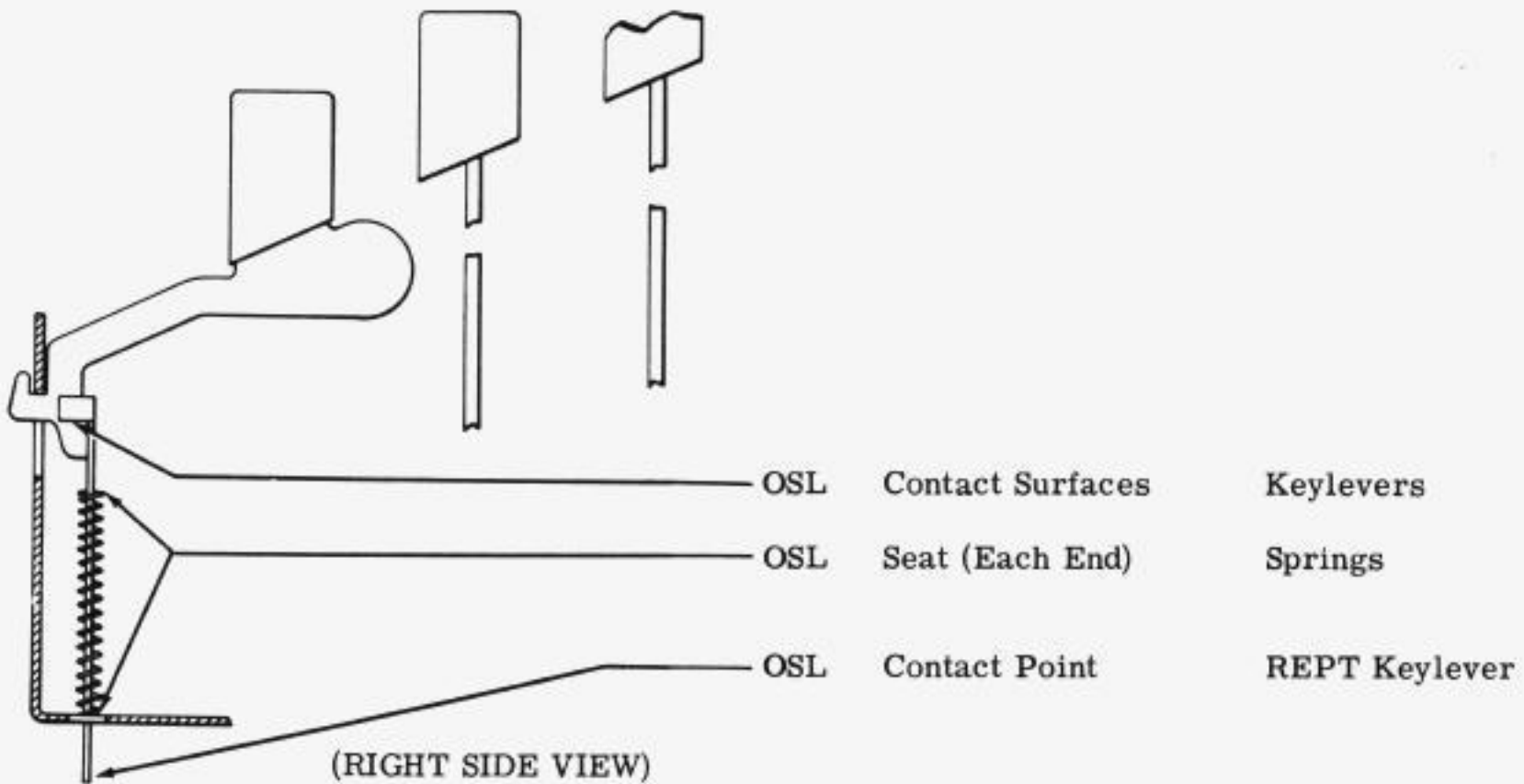
2.02 Keylevers



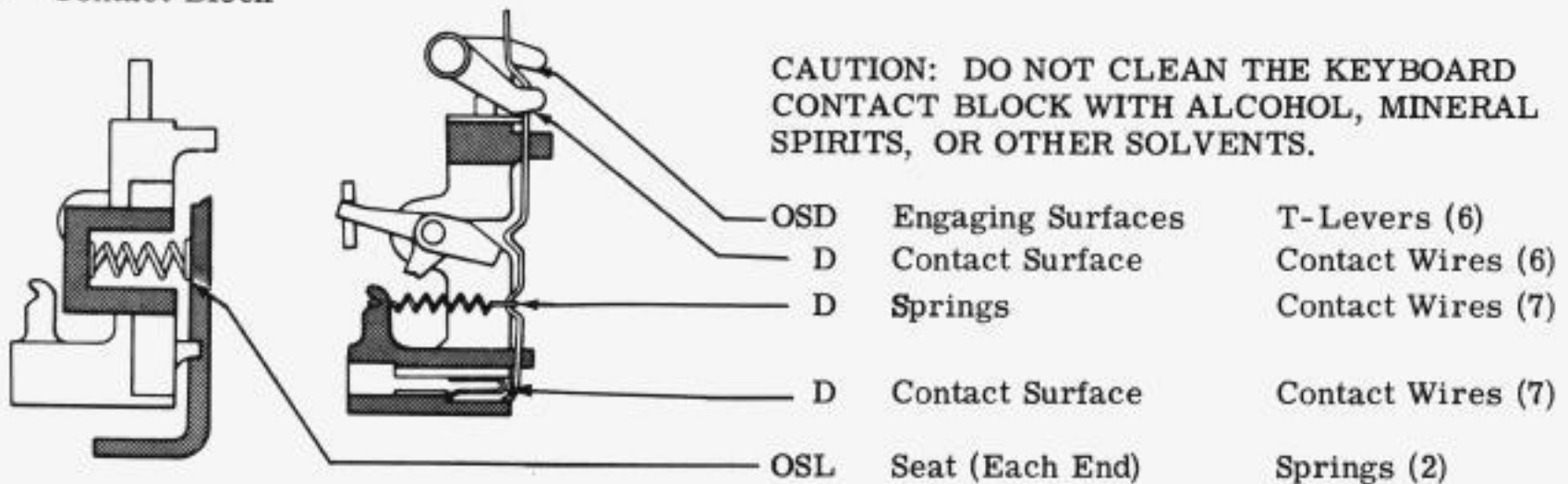
2.03 Spacebar



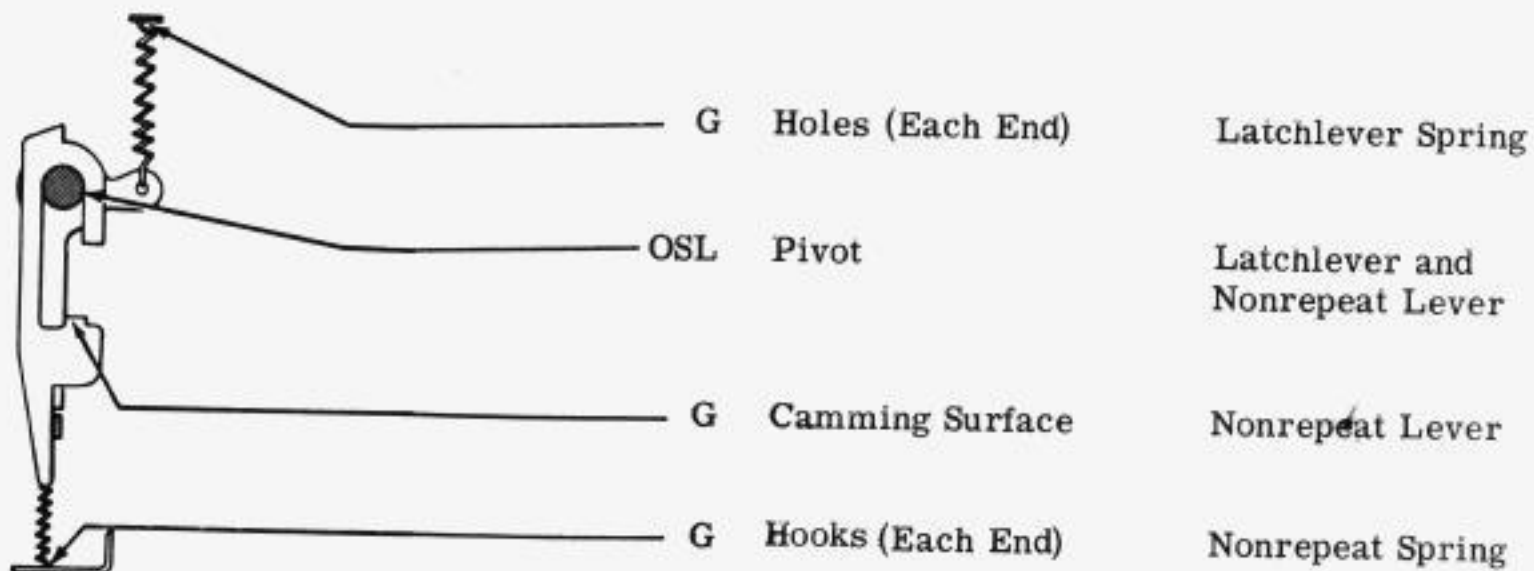
2.04 BREAK and REPT Keylevers



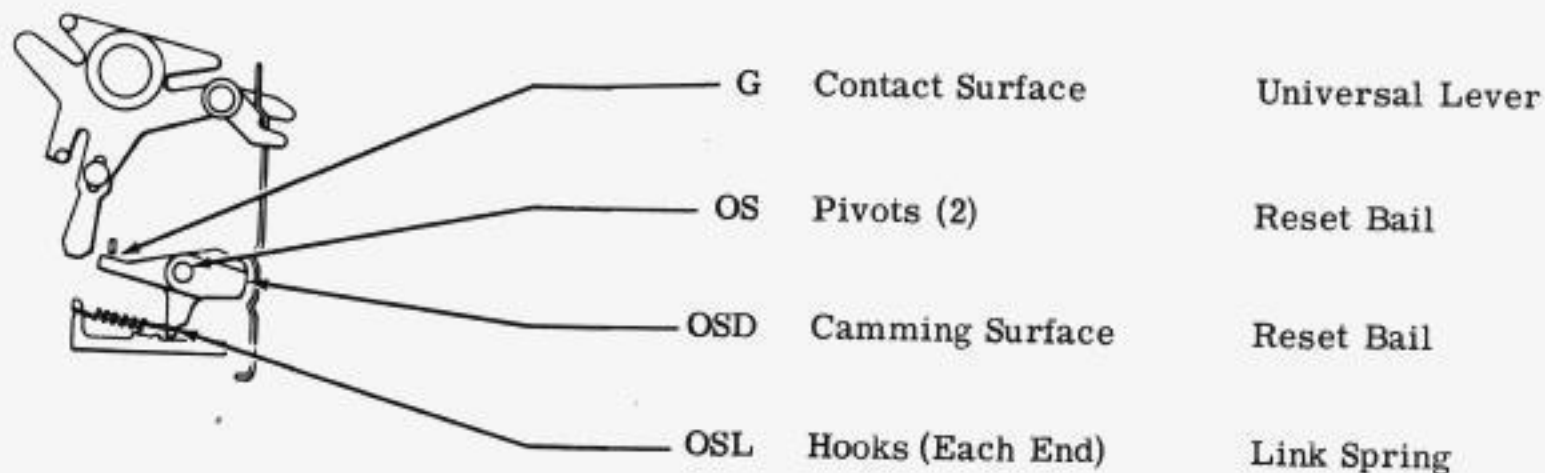
2.05 Contact Block



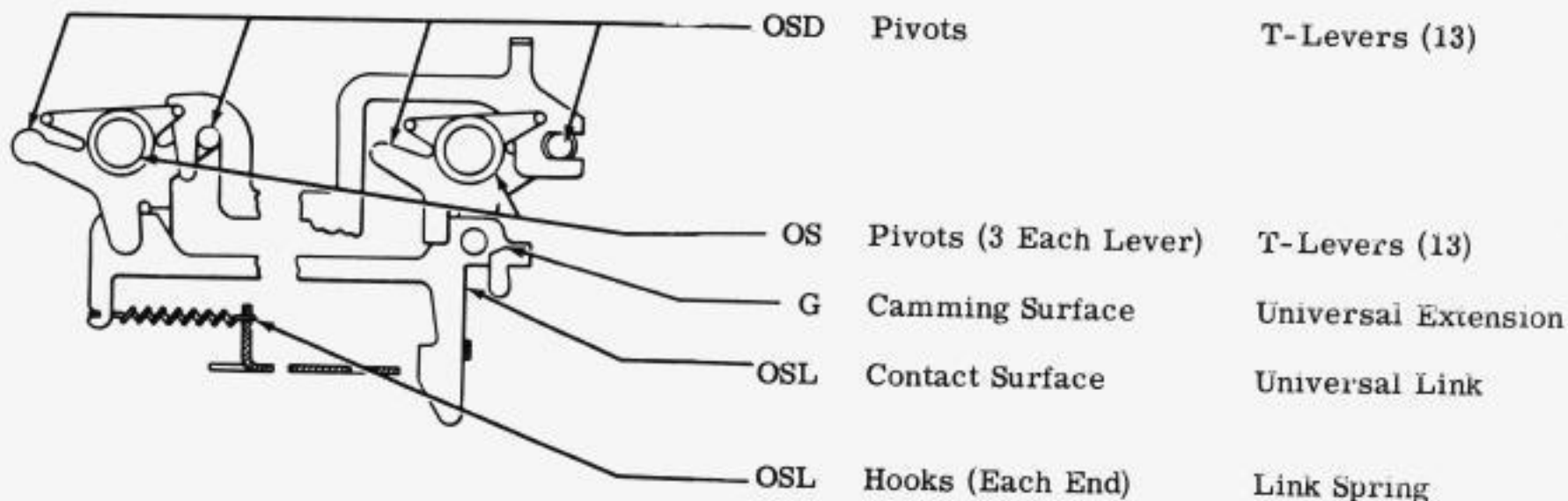
2.06 Latchlever



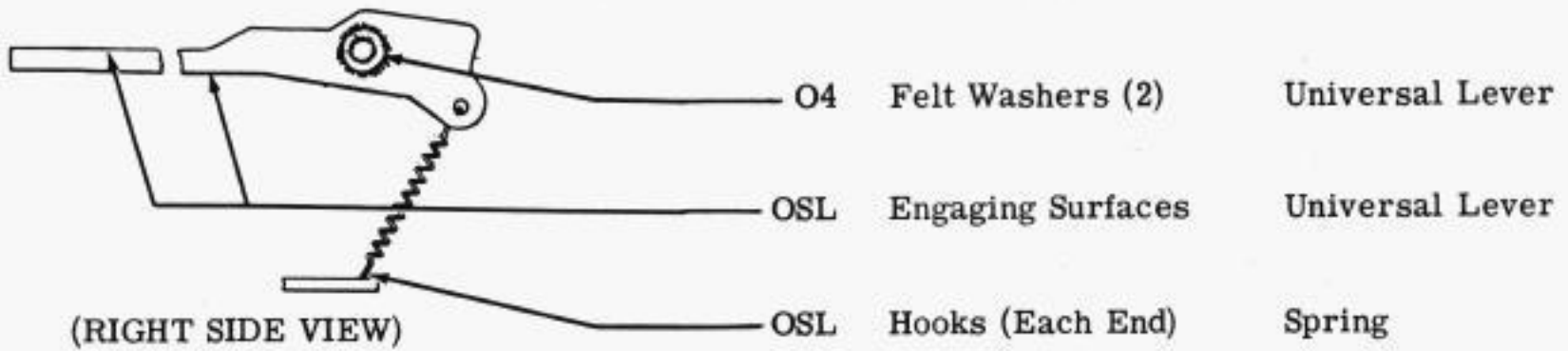
2.07 Reset Bail



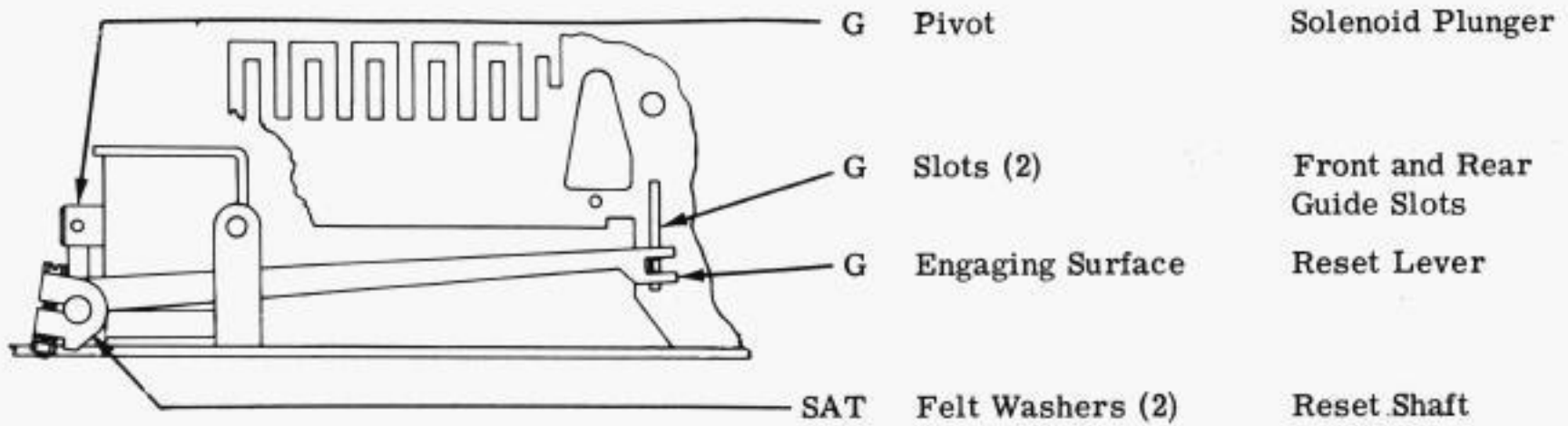
2.08 Codebar Mechanism



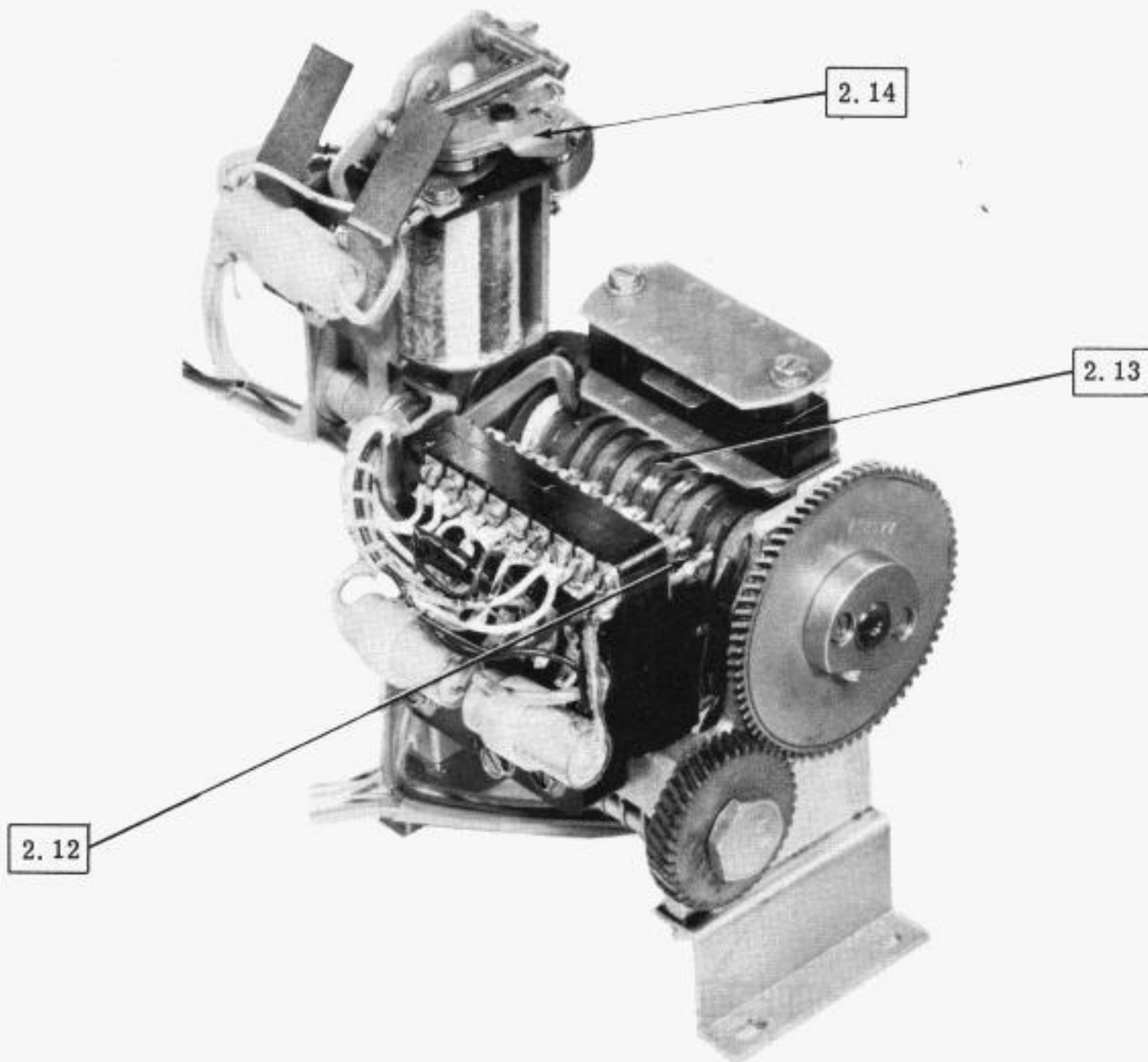
2.09 Universal Lever



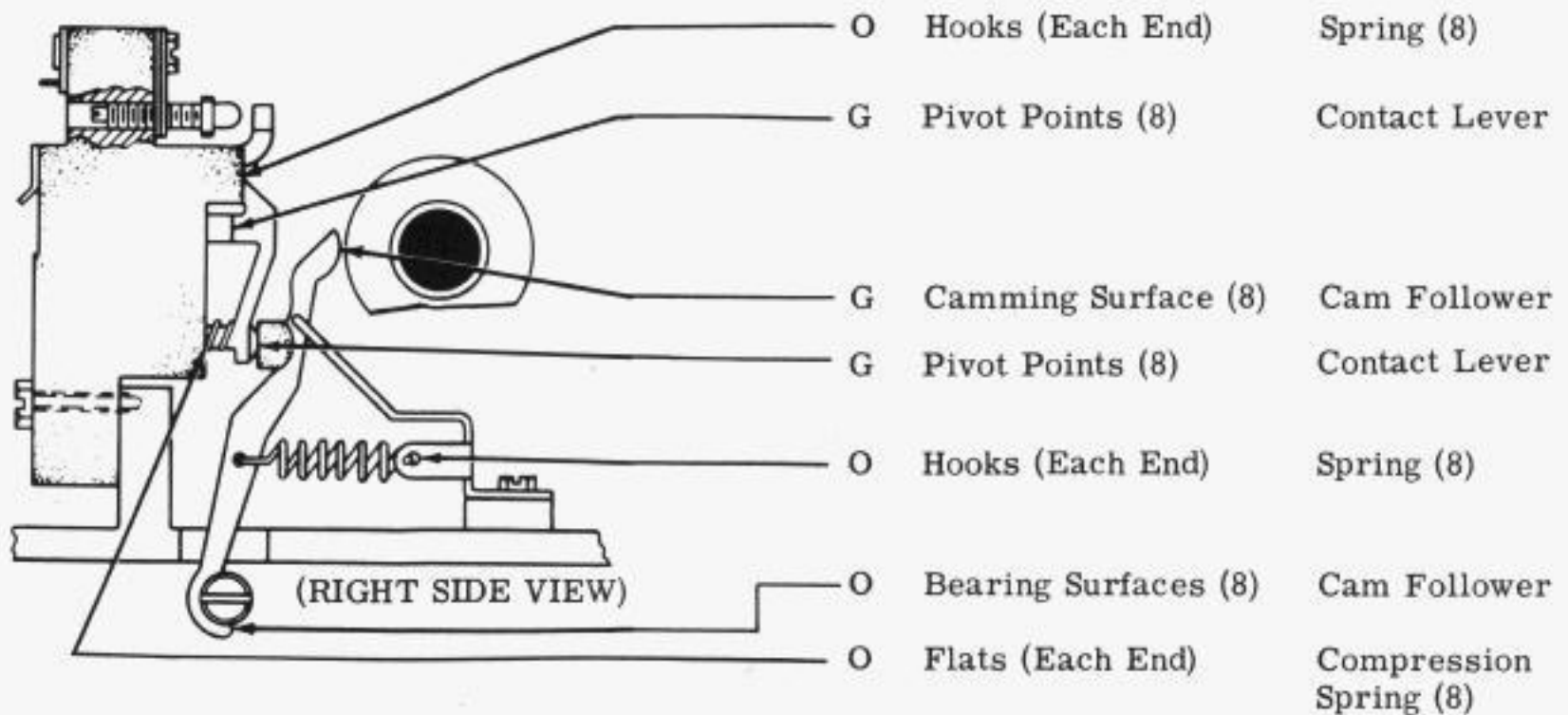
2.10 Solenoid Reset Mechanism



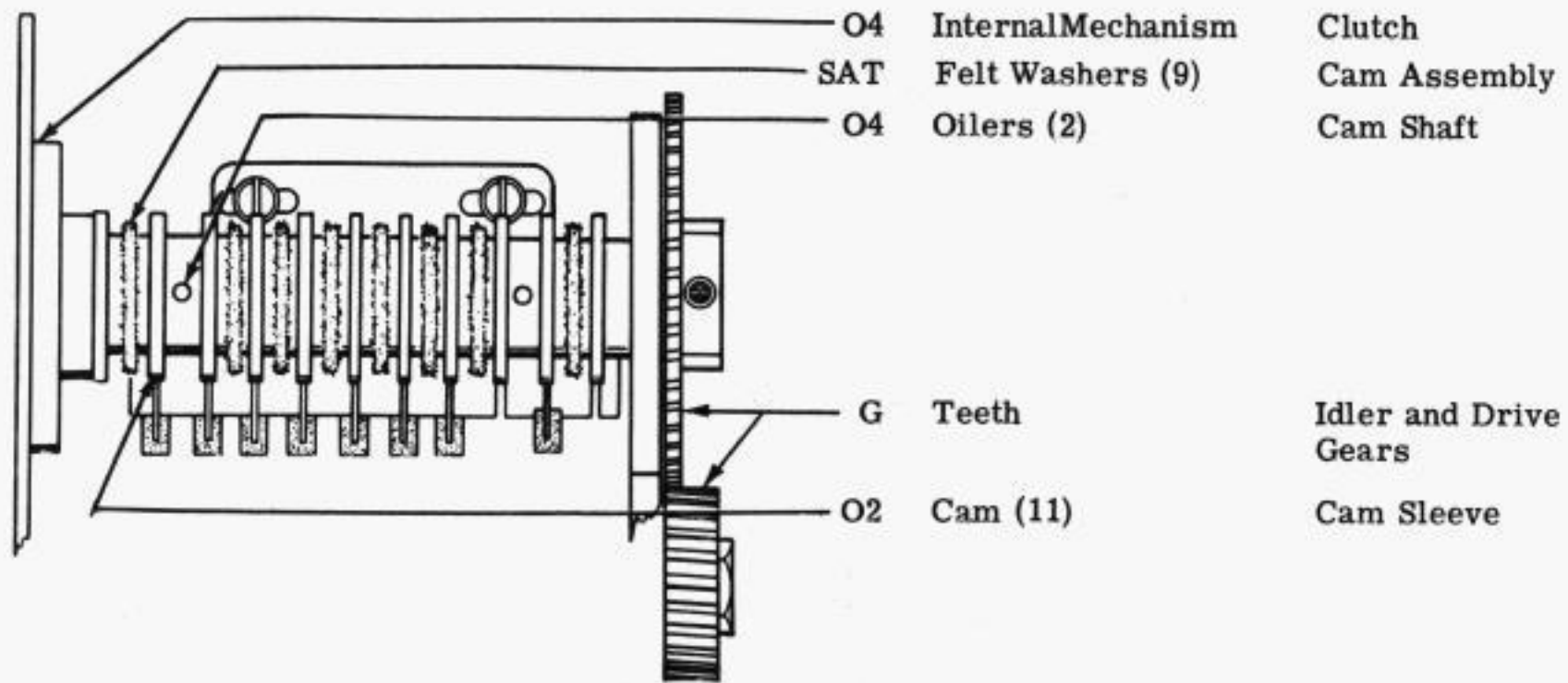
2.11 Distributor Mechanism - Front Right View



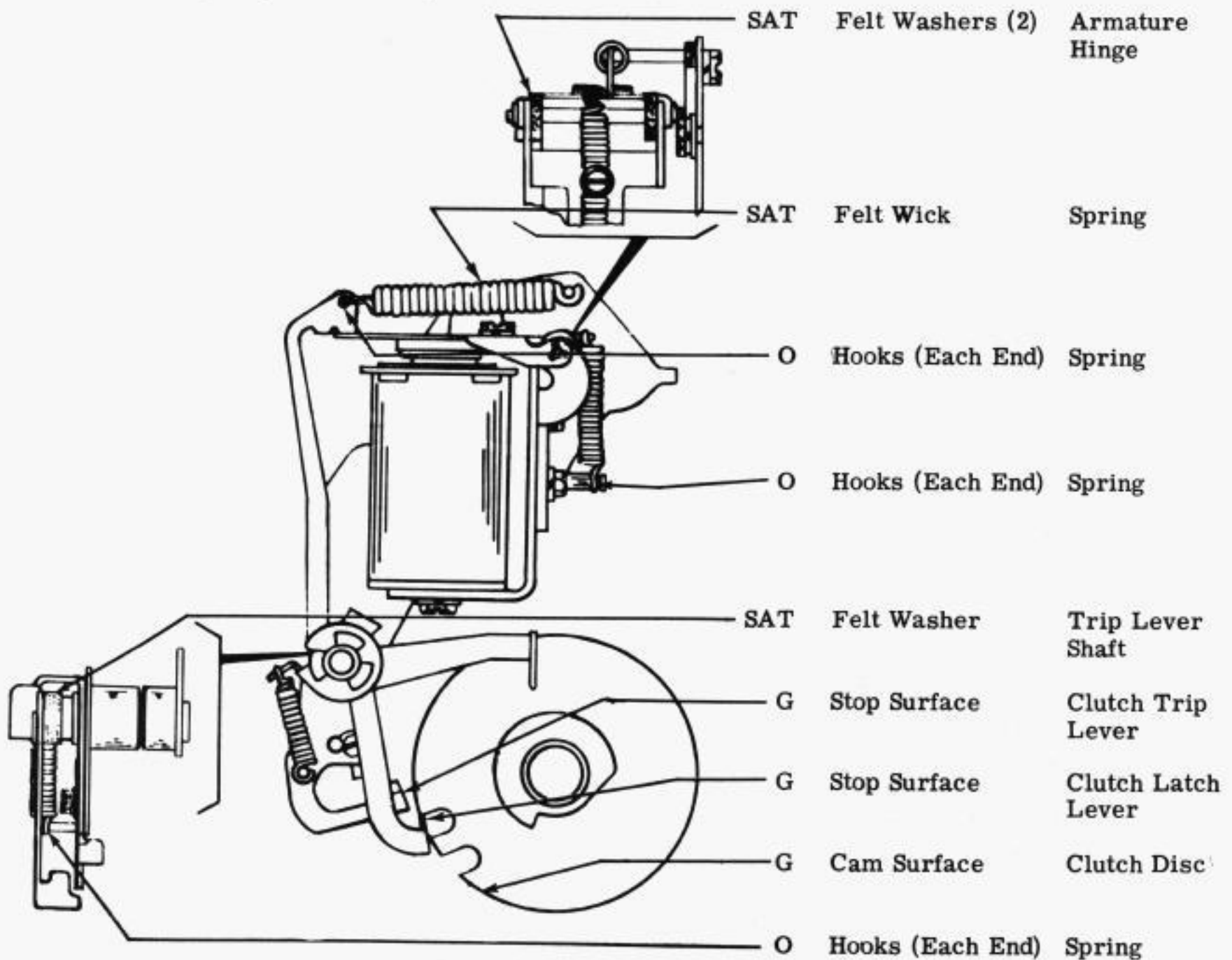
2.12 Cam Follower and Contact Levers



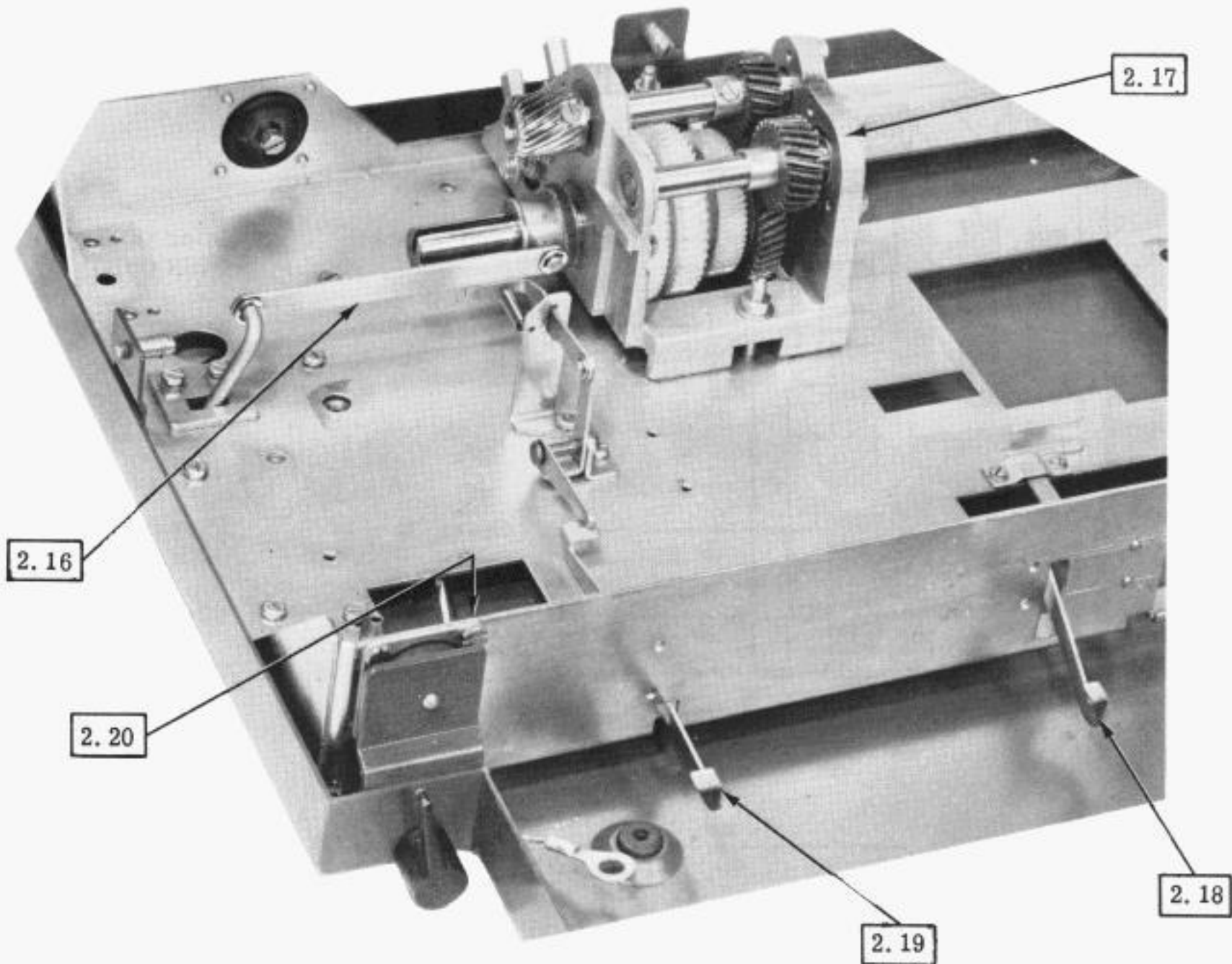
2.13 Cam Sleeve



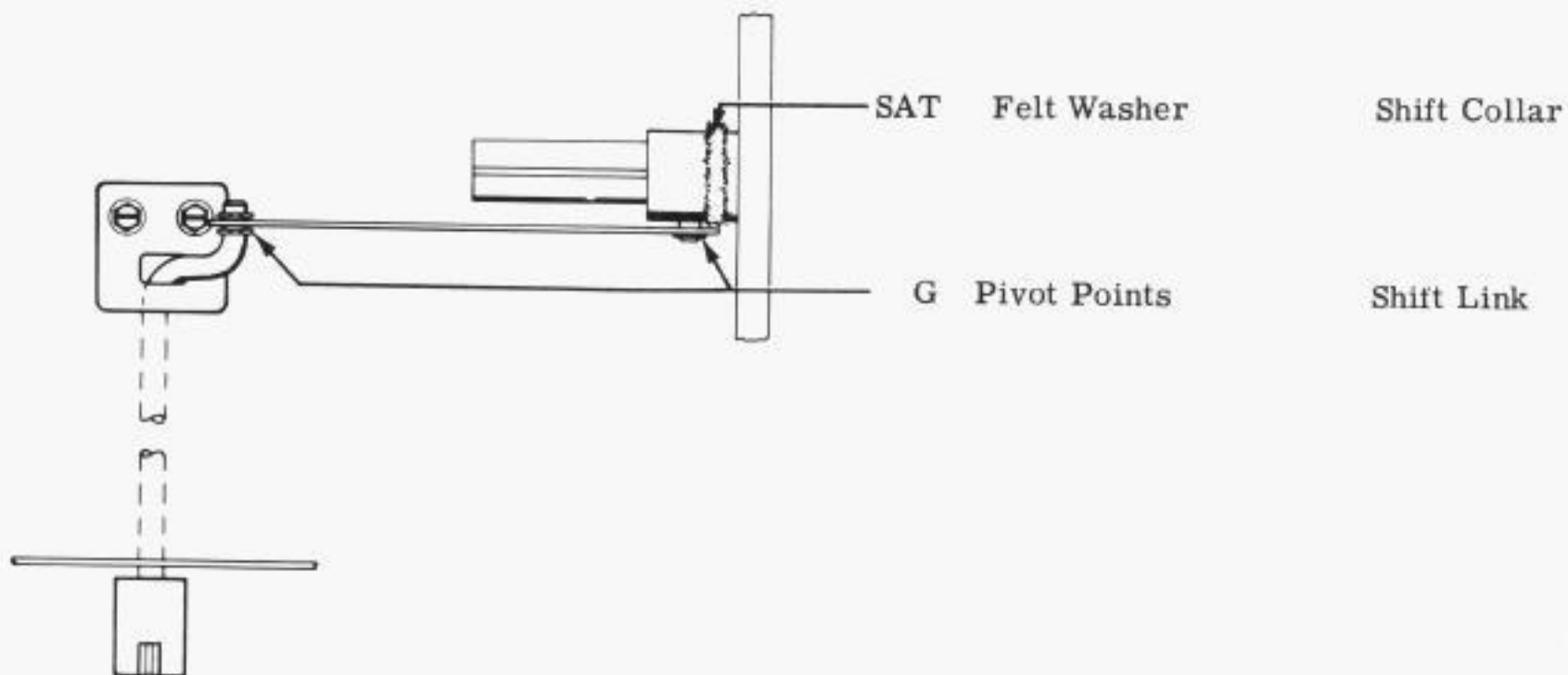
2.14 Clutch Trip Magnet Assembly



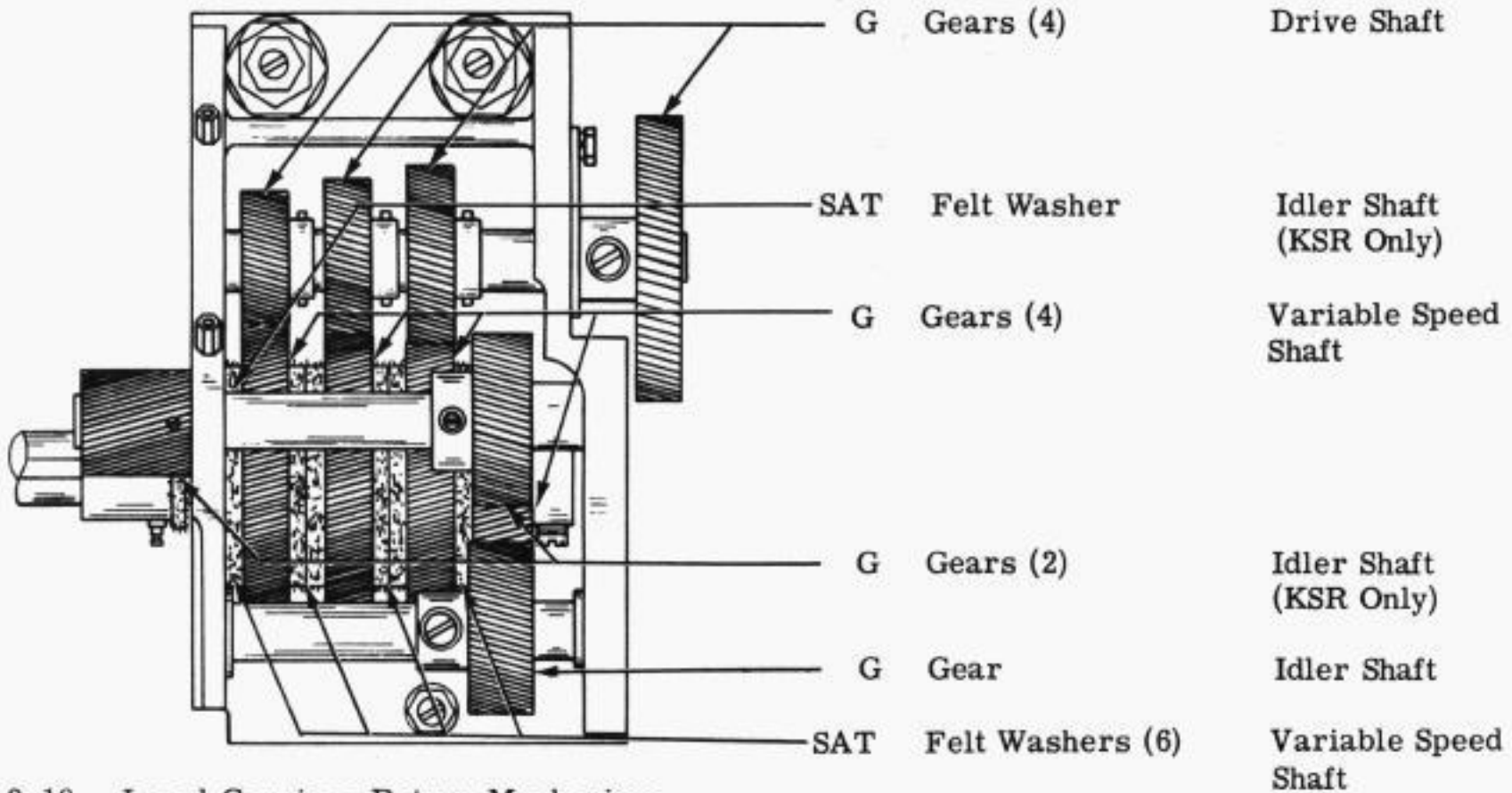
2.15 Gear Shift Assembly - Front Left View



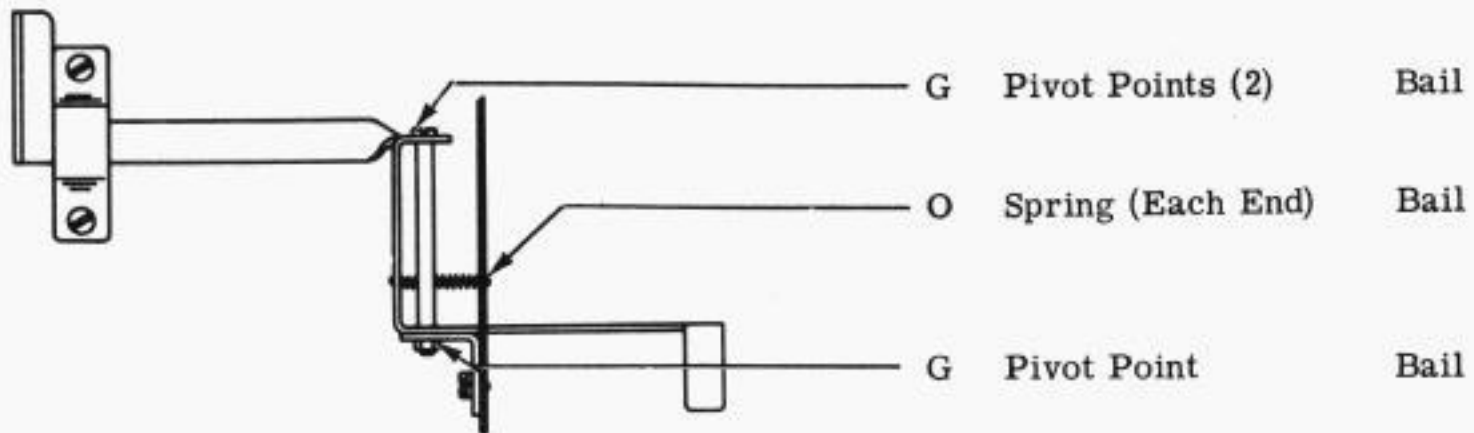
2.16 Gear Shift Linkage



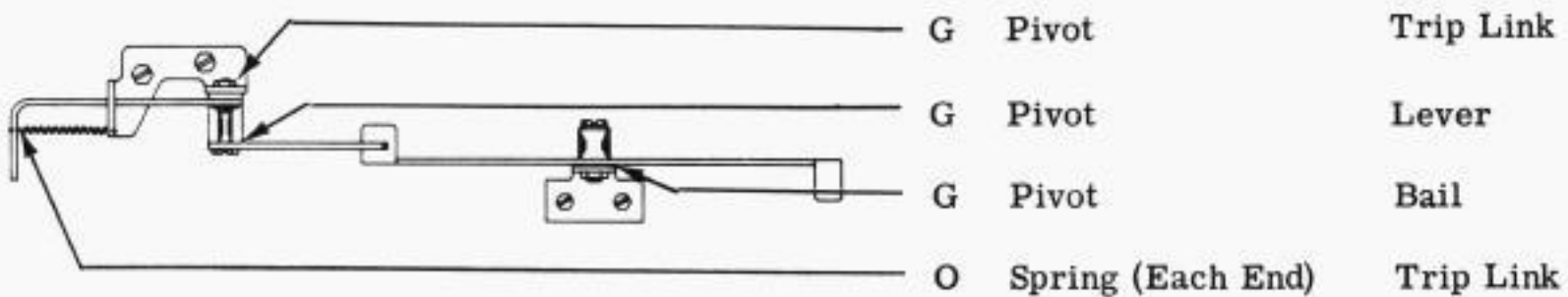
2.17 Gear Assembly



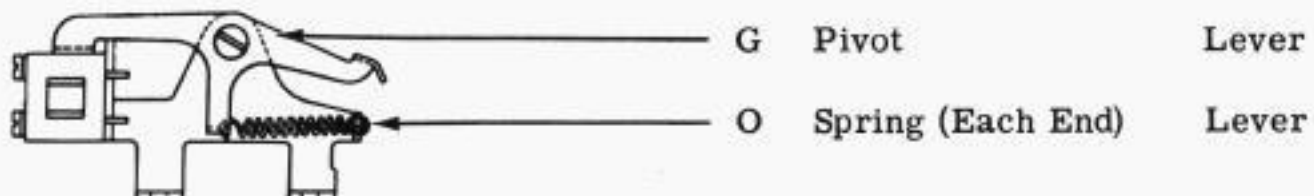
2.18 Local Carriage Return Mechanism



2.19 Local Line Feed Mechanism

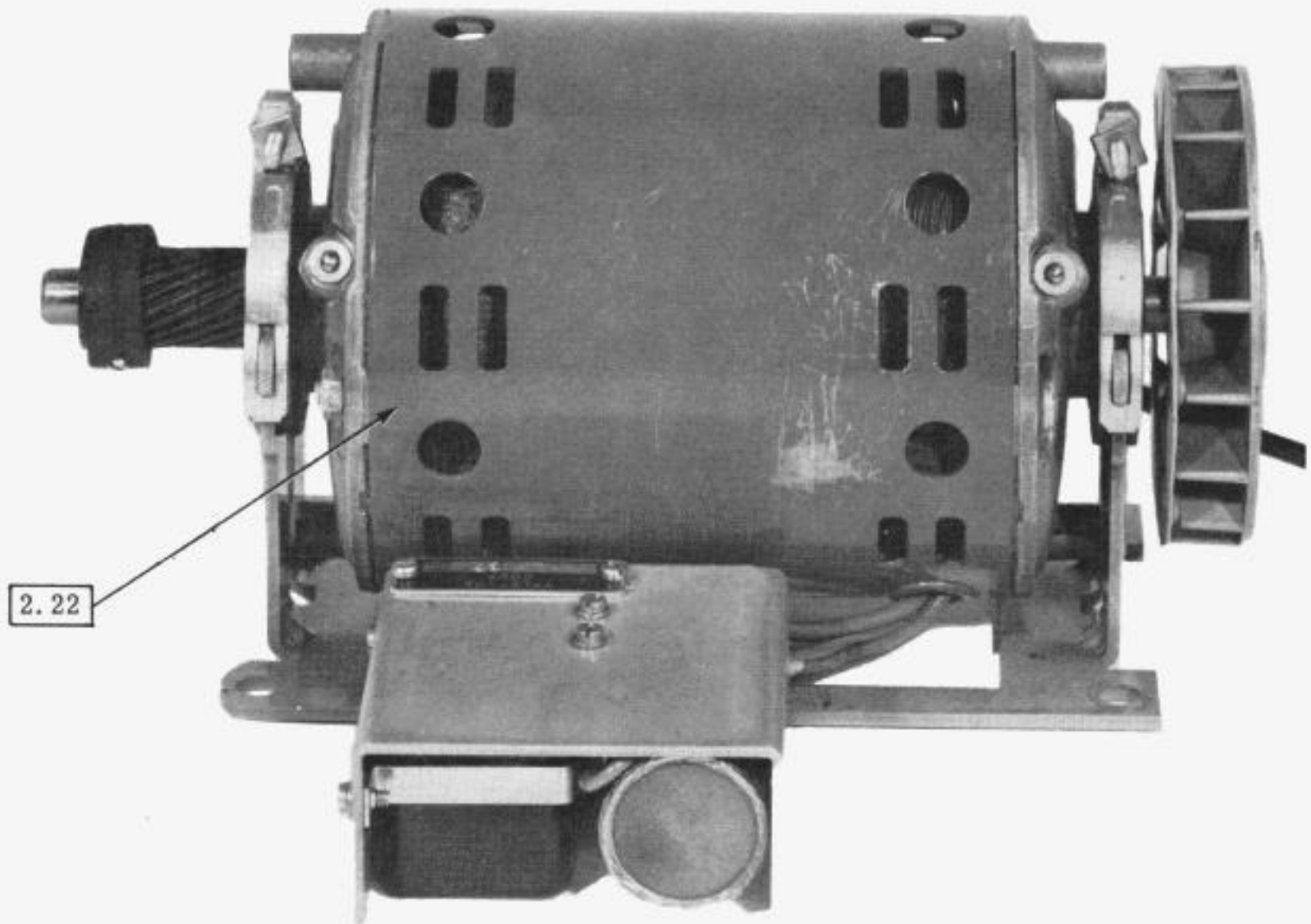


2.20 Margin Indicator Switch

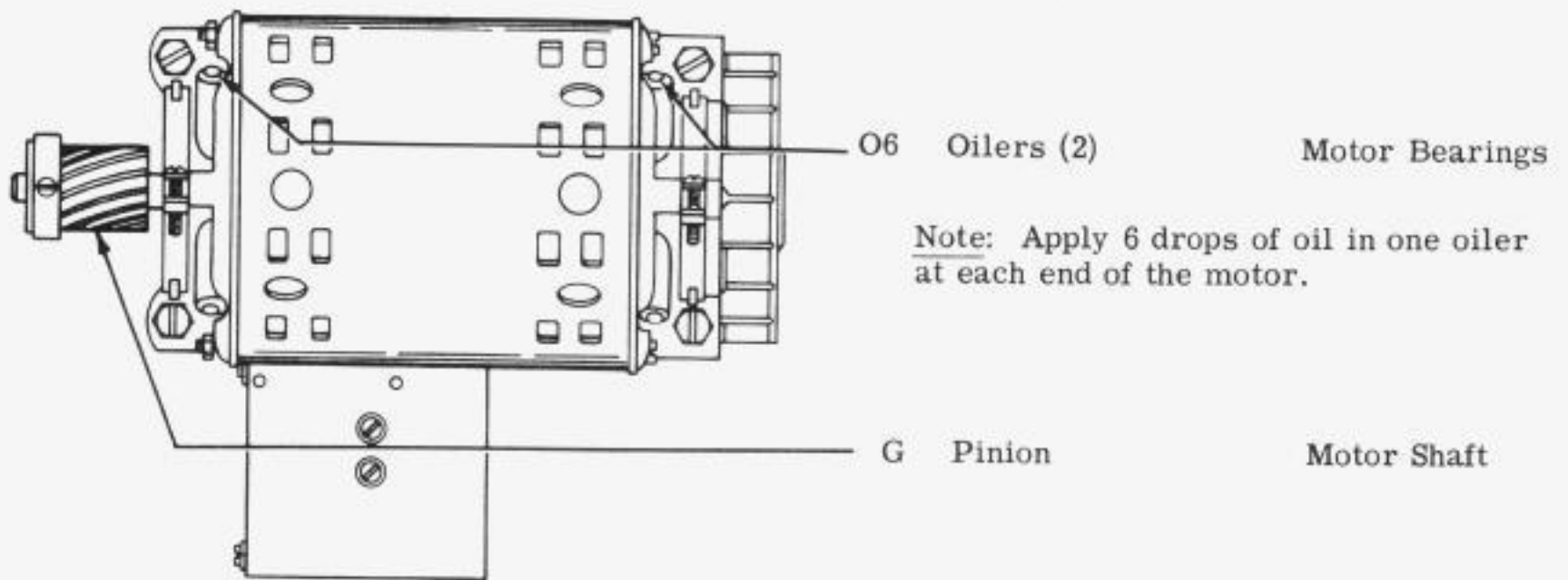


MOTOR

2.21 Motor Unit - Front View

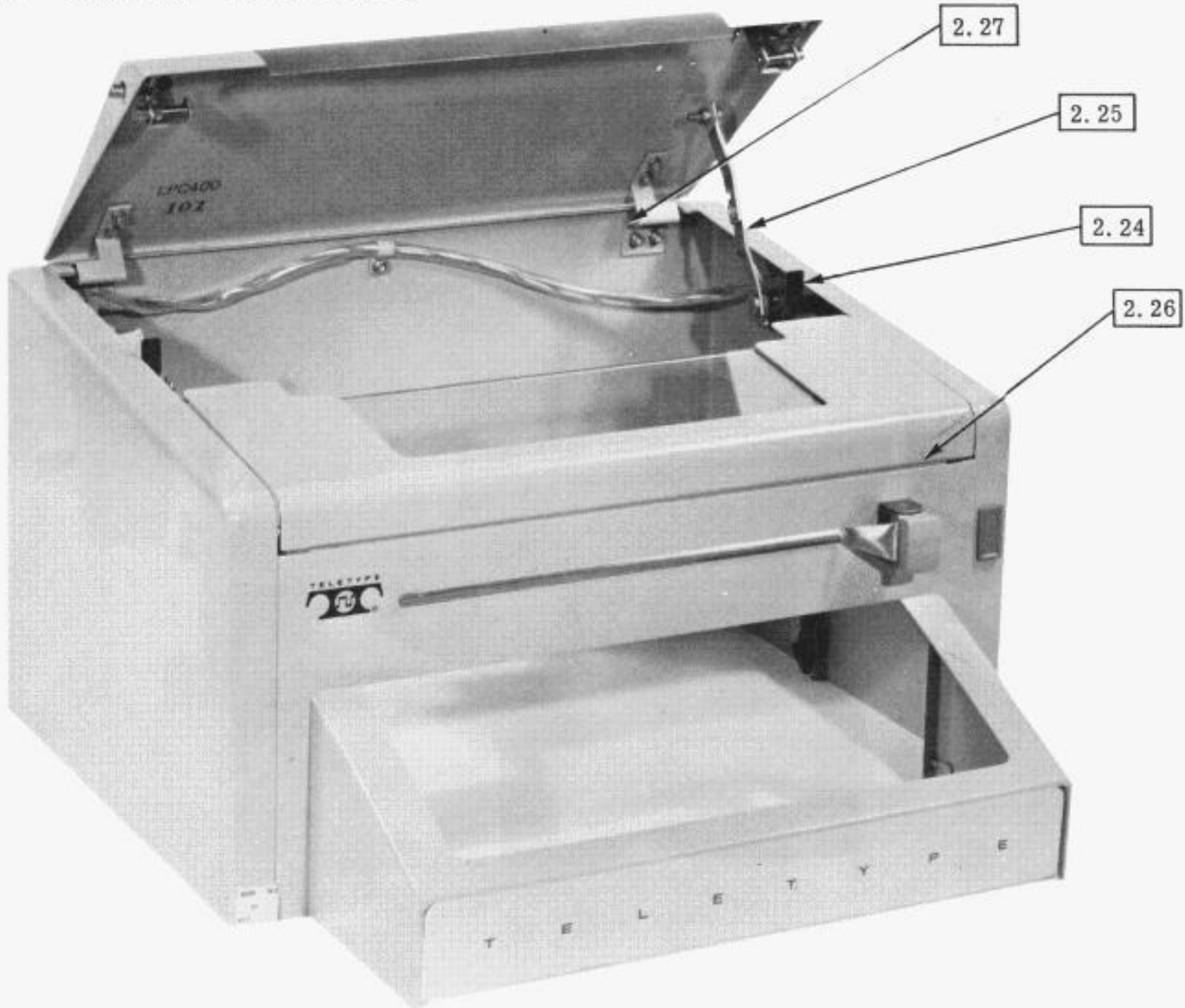


2.22 Motor Lubrication Points

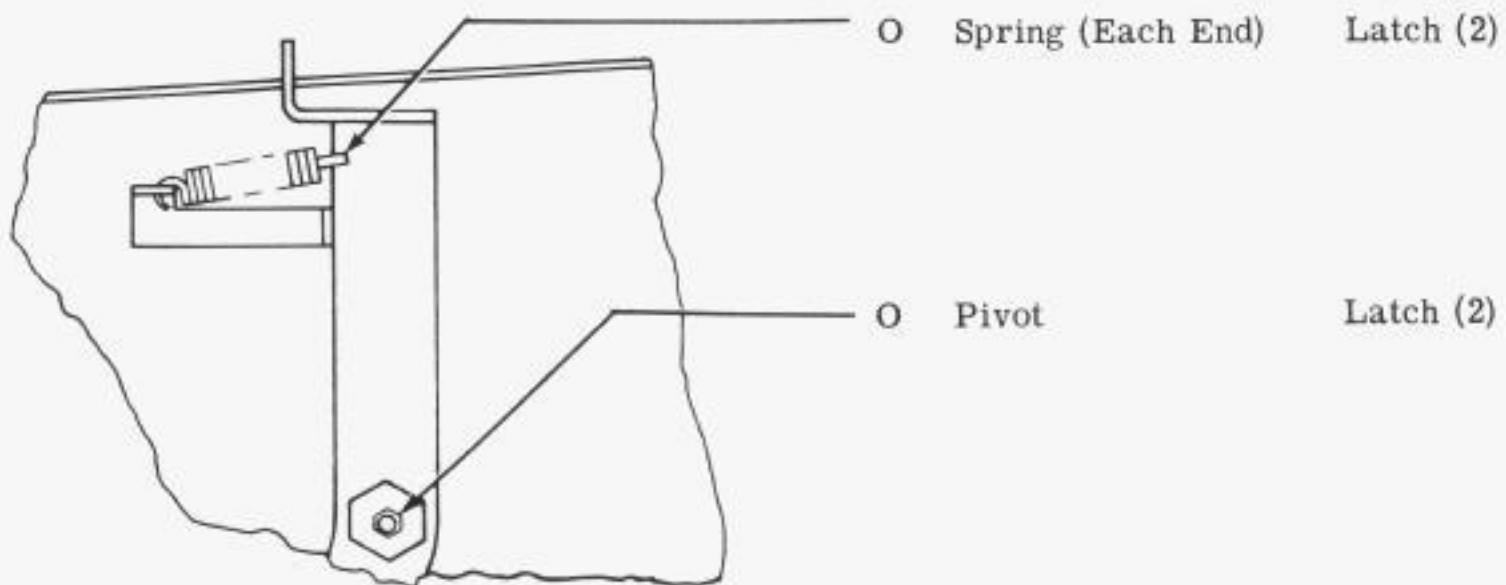


COVER

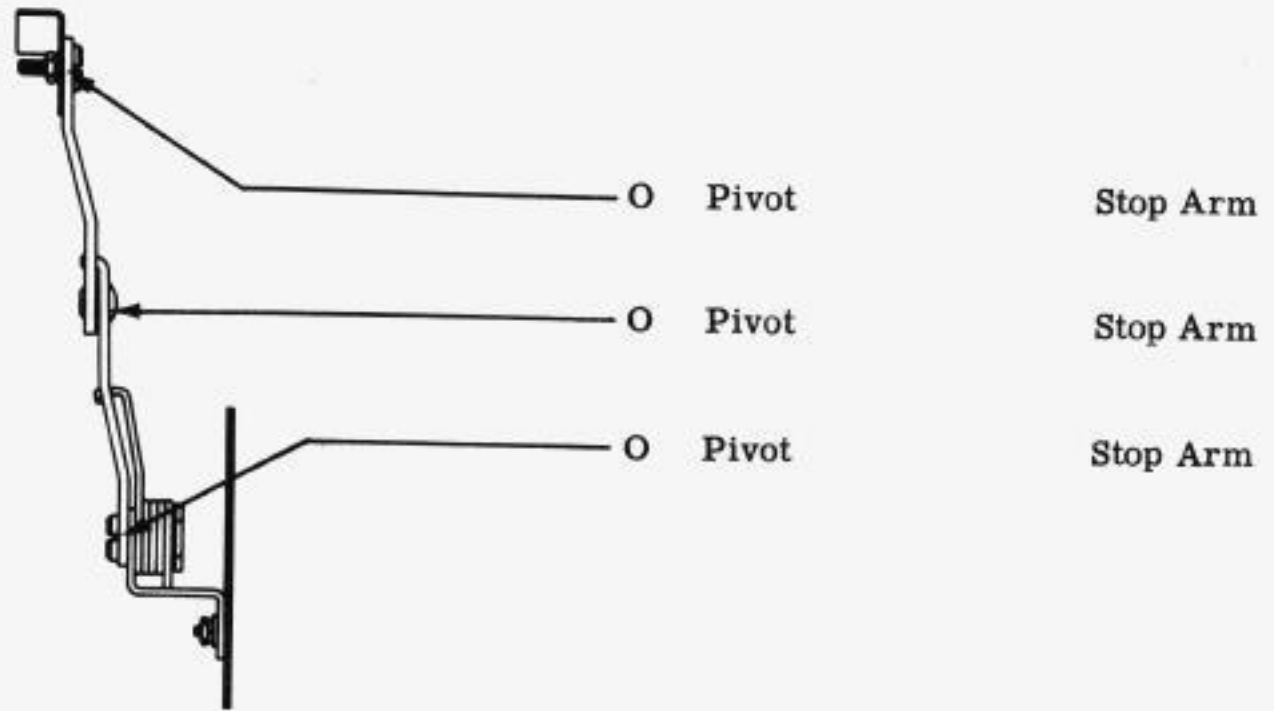
2.23 Cover Unit - Front Left View



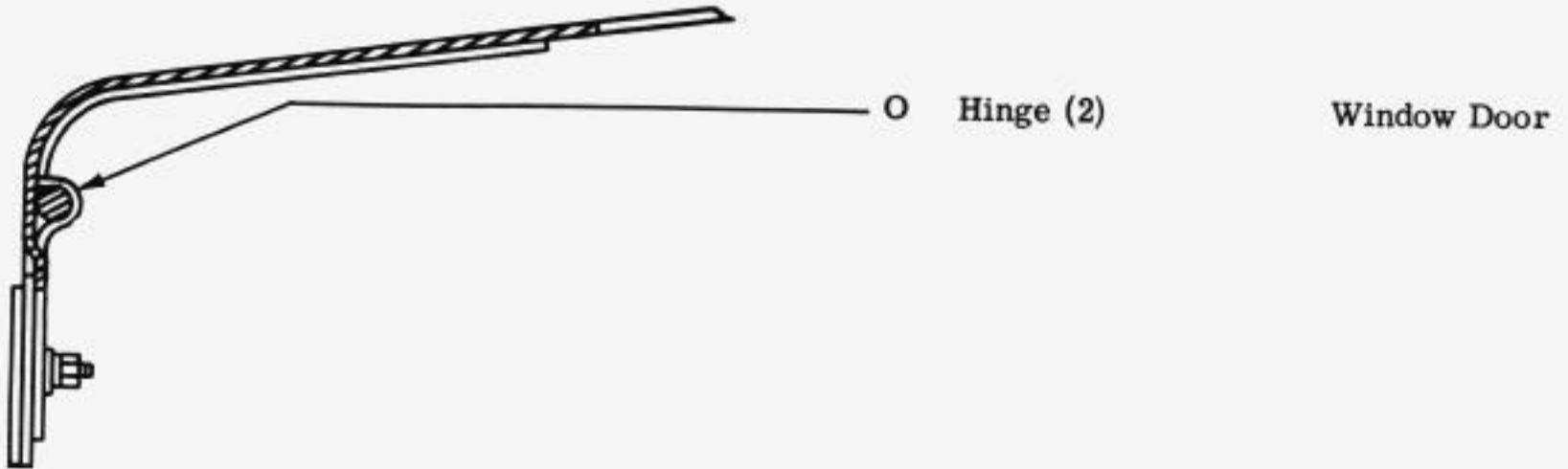
2.24 Cover Latch Mechanism



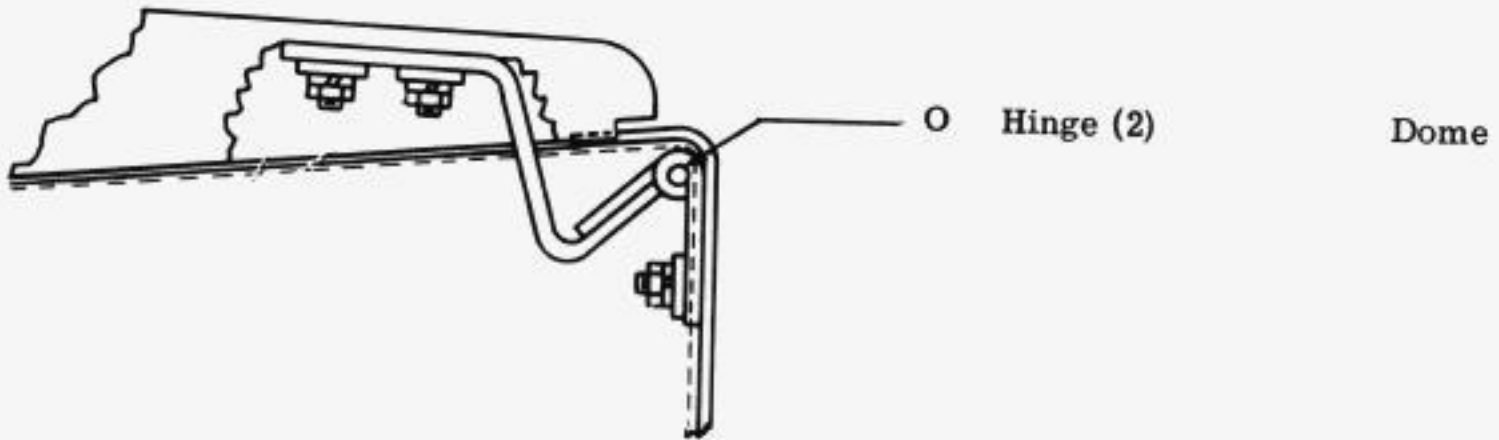
2.25 Dome Stop Arm



2.26 Window Door Hinge



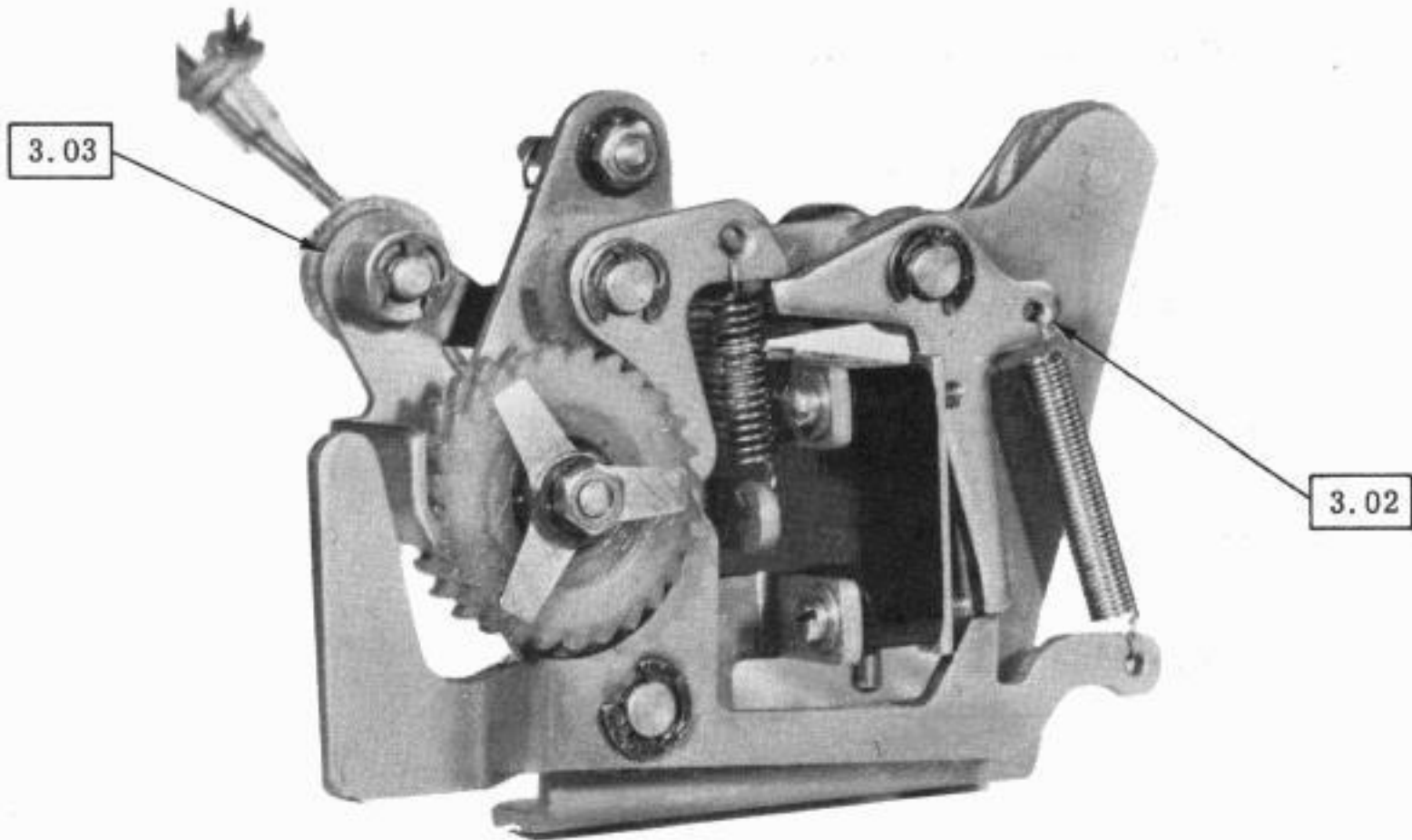
2.27 Dome Hinge



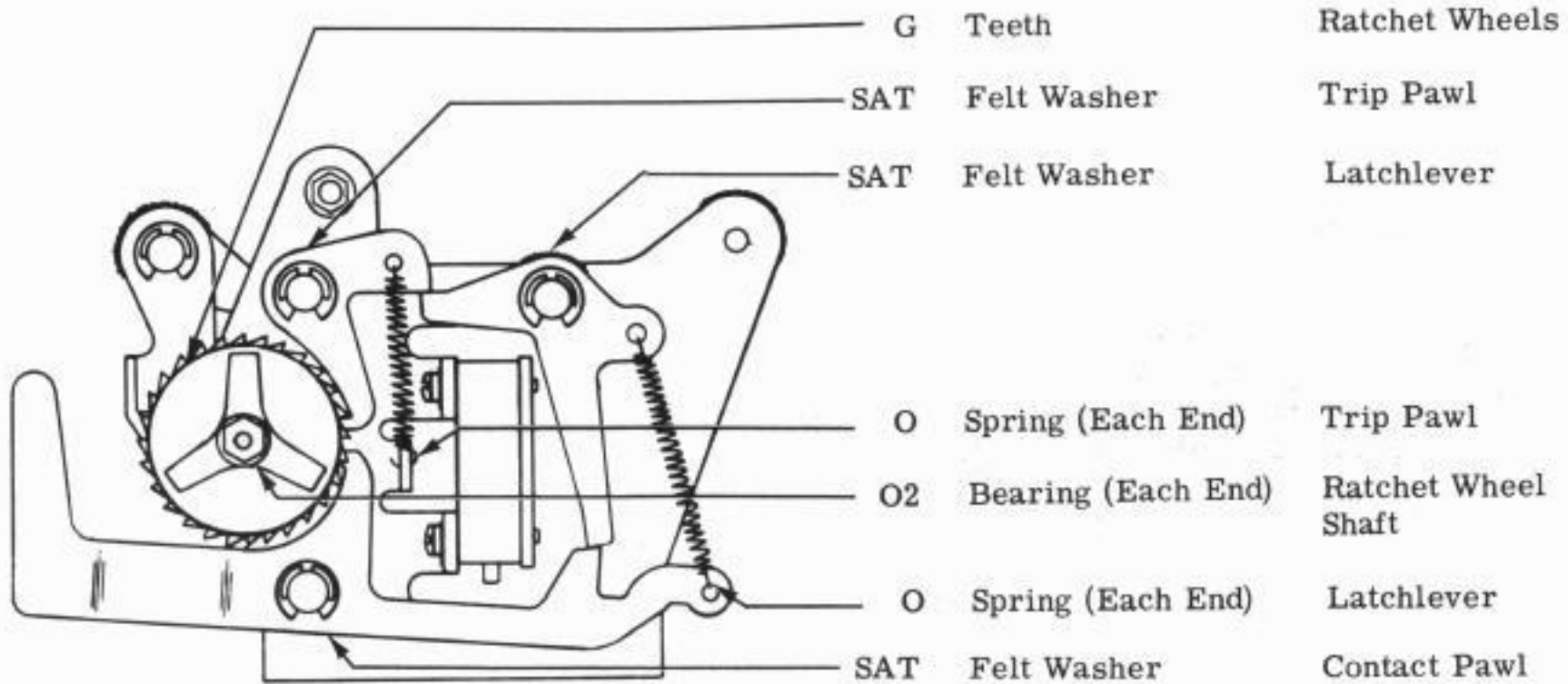
3. VARIABLE FEATURES

TIME DELAY MECHANISM

3.01 Time Delay Mechanism - Front Right View



3.02 Trip and Reset Mechanism



3.03 Cam Follower and Feed Mechanism

