

**BELL SYSTEM PRACTICES**  
 Teletypewriter and Data Stations

**SECTION P34.535**  
 Issue 1, June, 1961  
 AT&TCo Standard

## 28 SEQUENCE SELECTOR UNIT AND BASE LUBRICATION

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### 1. GENERAL

1.01 This section contains the specific lubrication procedures for the 28 sequence selector unit, base, gears, and motor. The material herein, together with the section entitled Teletypewriter Apparatus, Lubrication, General Information and Routines, provides the complete lubrication information for maintenance. The lubrication symbols used herein are the same as those in the general section. However, the simple symbol 0 is used in this section to mean only one drop of oil. Symbols, such as 02, 03, or 04, are used herein to specify that two, three, or four drops respectively are to be applied at the points indicated.

1.02 The apparatus should be lubricated before being placed in service, as specified in the section entitled Preparation of Teletypewriter Apparatus for Installation. After a few weeks in service, it should be relubricated to make certain that all specified points have lubricant. Thereafter, because of varying conditions, at each station, the apparatus should be lubricated as often as specified by the local instructions. The following lubrication interval is suggested as a guide for use under normal operating conditions.

**Operating Speed**  
**(Words per Minute)**

**Lubricating Interval**  
**(Whichever Occurs First)**

60  
 75  
 100

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

28 SEQUENCE SELECTOR  
 UNIT AND

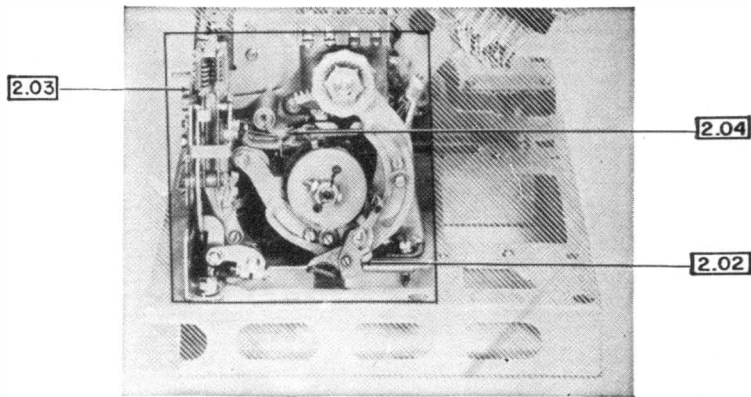
**P34.535**

BASE  
 LUBRI-

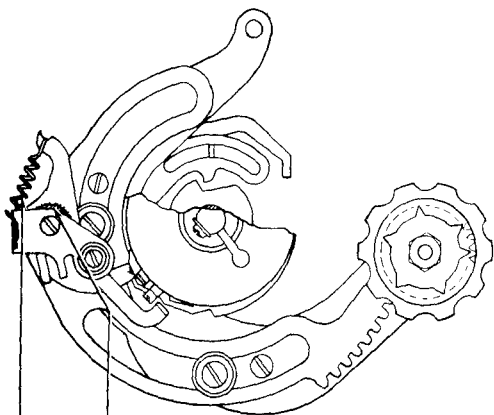
## 2. LUBRICATION DETAILS

### A. Sequence Selector Unit

#### 2.01 Sequence Selector Unit, Right-side View



2.02 Selector Mechanism



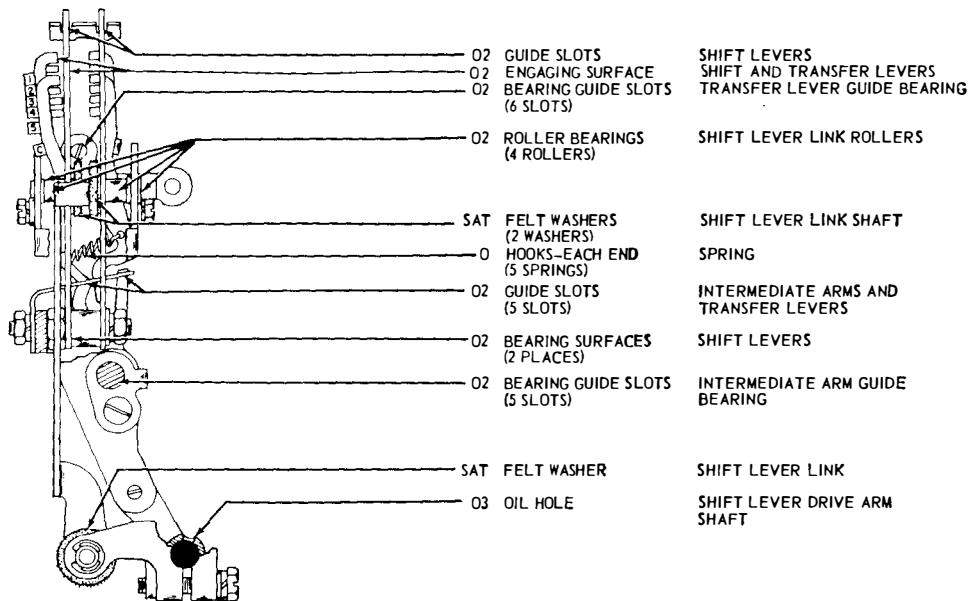
SAT FELT WASHERS  
(2 WASHERS)

CLUTCH TRIP LEVER

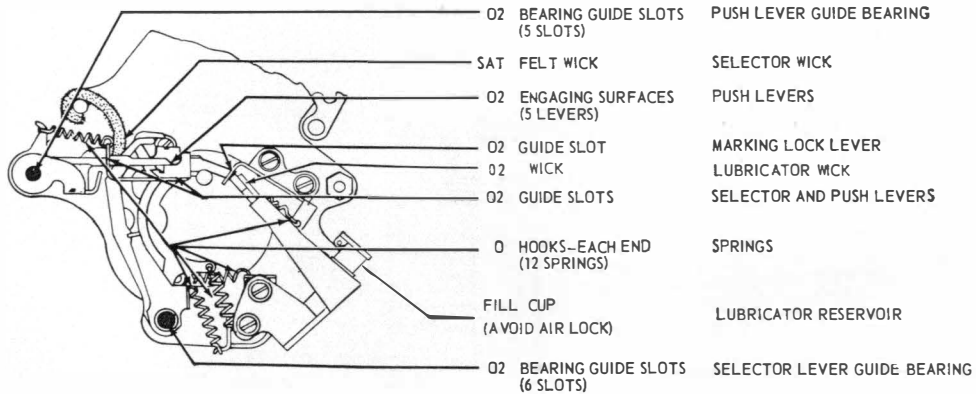
0 HOOKS-EACH END

SPRING

## 2.03 Codebar-positioning Mechanism



## 2.04 Selector Mechanism

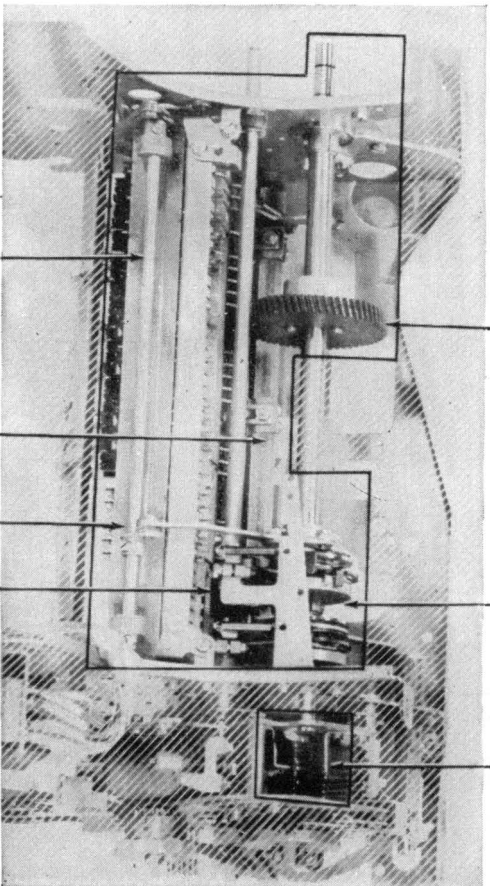


2.05 Sequence Selector Unit, Rear, Bottom View

2.07

2.08

2.09



2.13

2.11

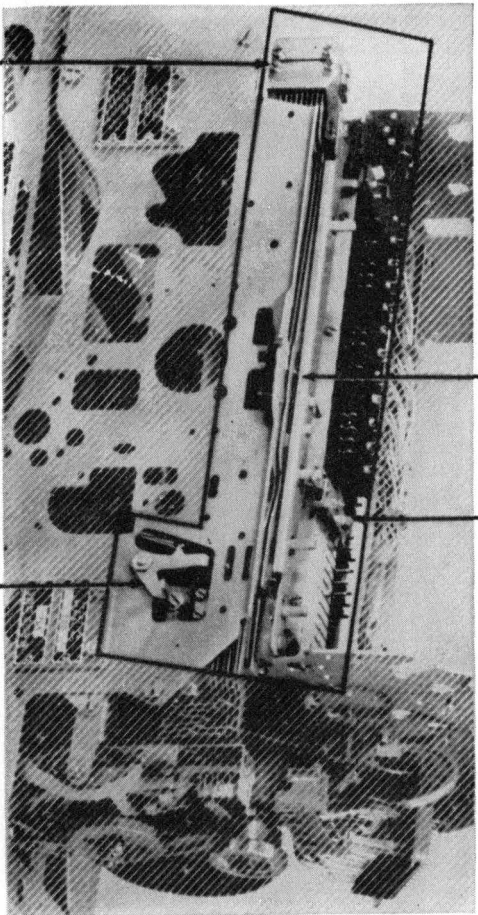
2.12

2.10

2.06 Sequence Selector Unit, Front View

215

214



216

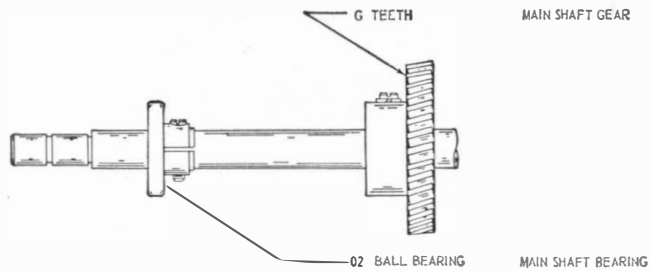
217

28 SEQUENCE SELECTOR  
UNIT AND

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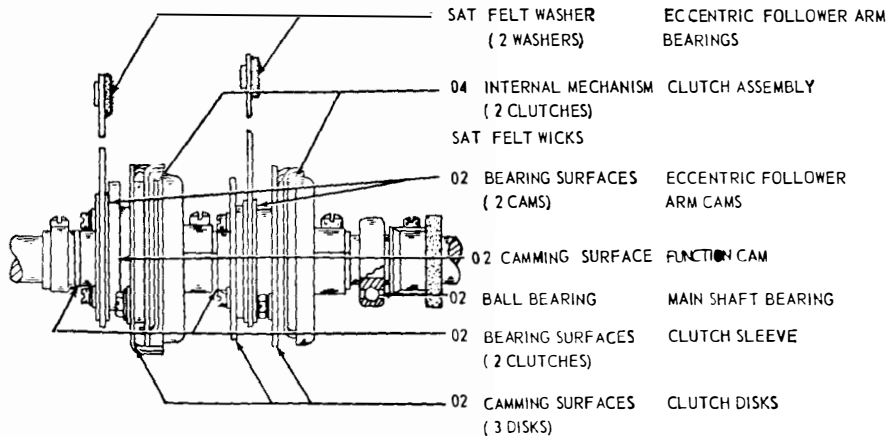
BASE  
LUBRI-  
CATION

## 2.07 Main Shaft





## 2.08 Main Shaft



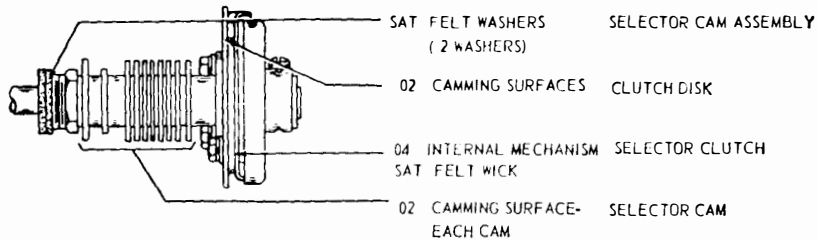
28 SEQUENCE SELECTOR  
UNIT AND

BASE  
LUBRI-  
CATION

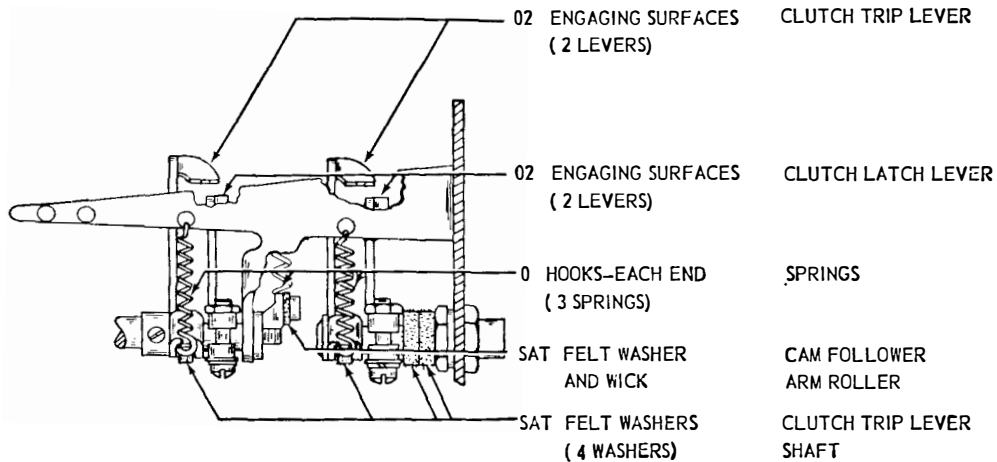
P34.535

P<sub>34.535</sub>.9

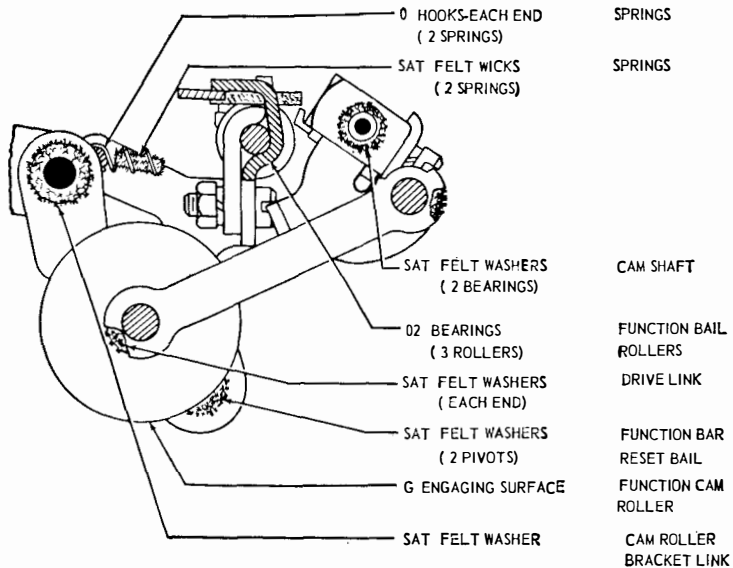
## 2.09 Selector Cam Clutch



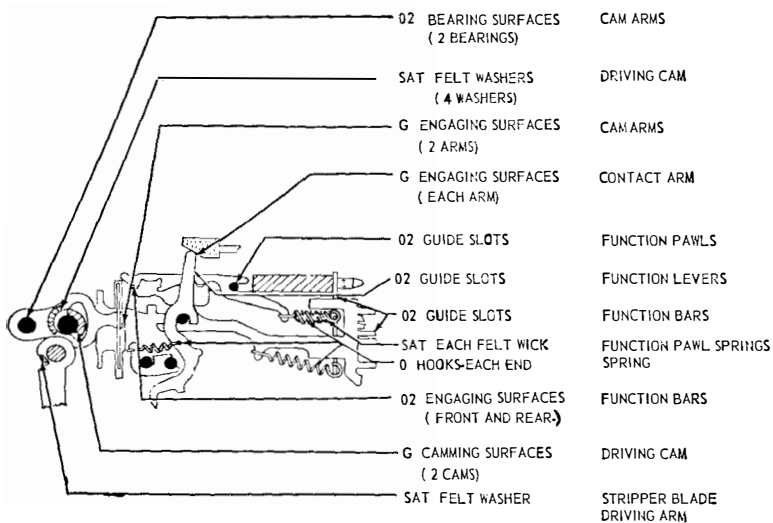
## 2.10 Tripshaft



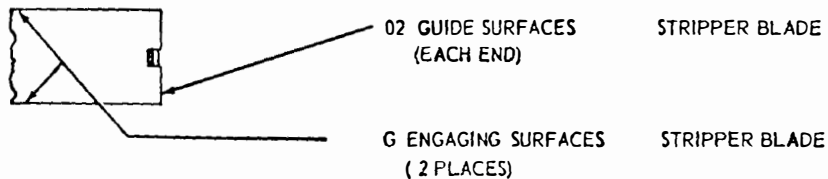
## 2.11 Function-reset Bail Mechanism



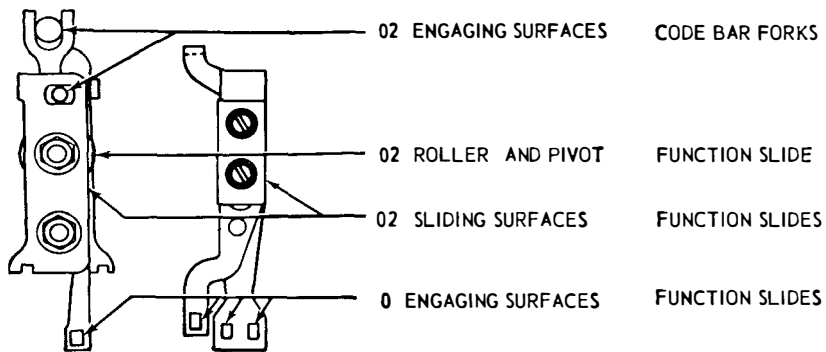
## 2.12 Stripper Bail Mechanism



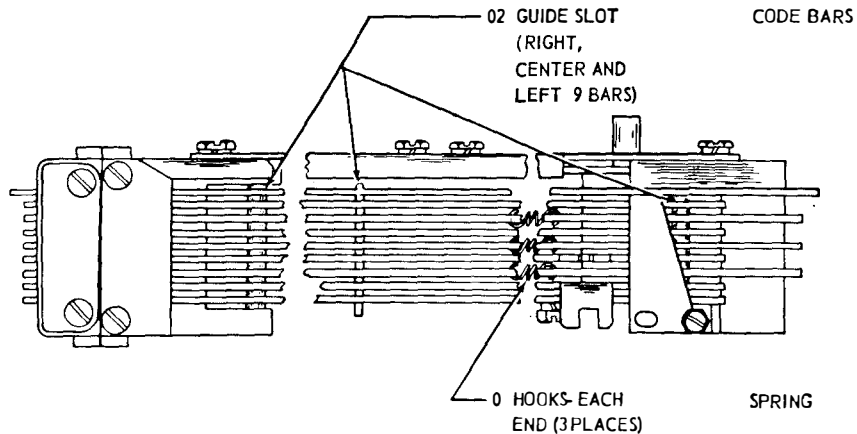
## 2.13 Stripper Blade



## 2.14 Codebar-positioning Mechanism

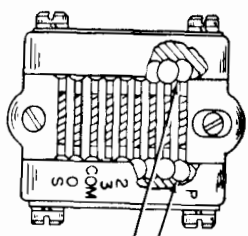


## 2.15 Codebar Mechanism





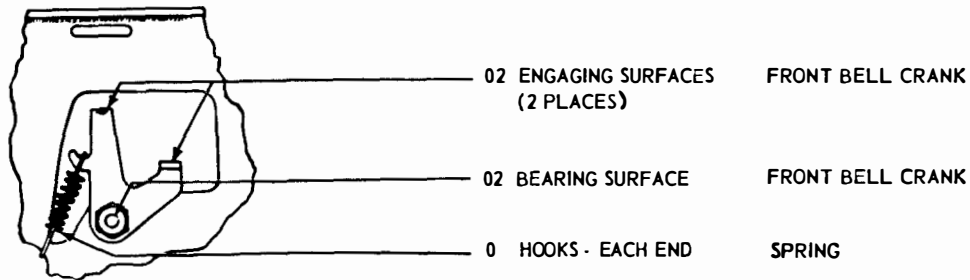
2.16 Codebar Mechanism



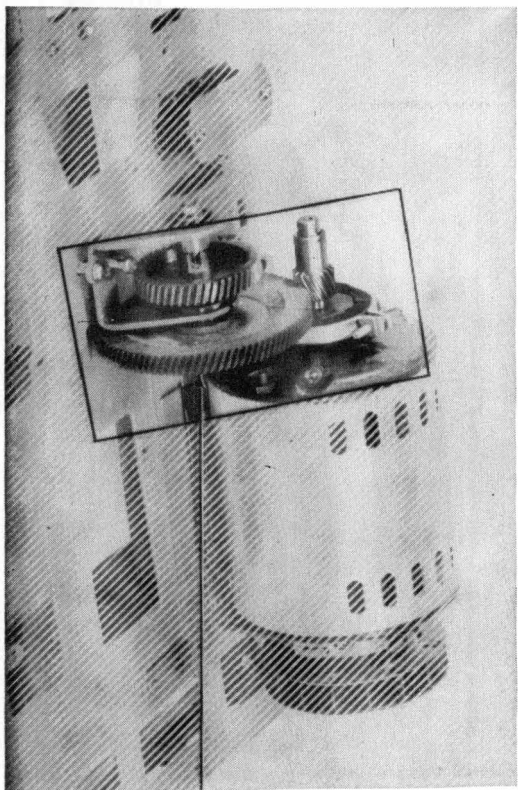
02 BEARING BALLS  
(9 BALLS)

CODE BAR DETENT

## 2.17 Front Bellcrank



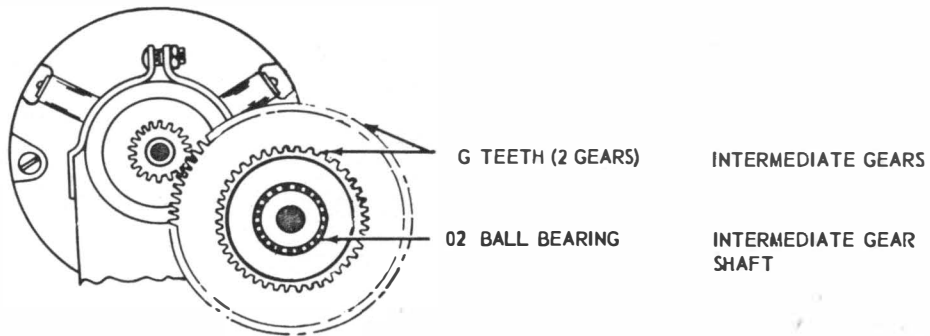
**B. Sequence Selector Base, Motor, and Gears**  
**2.18 Motor and Gears**



**2.19**

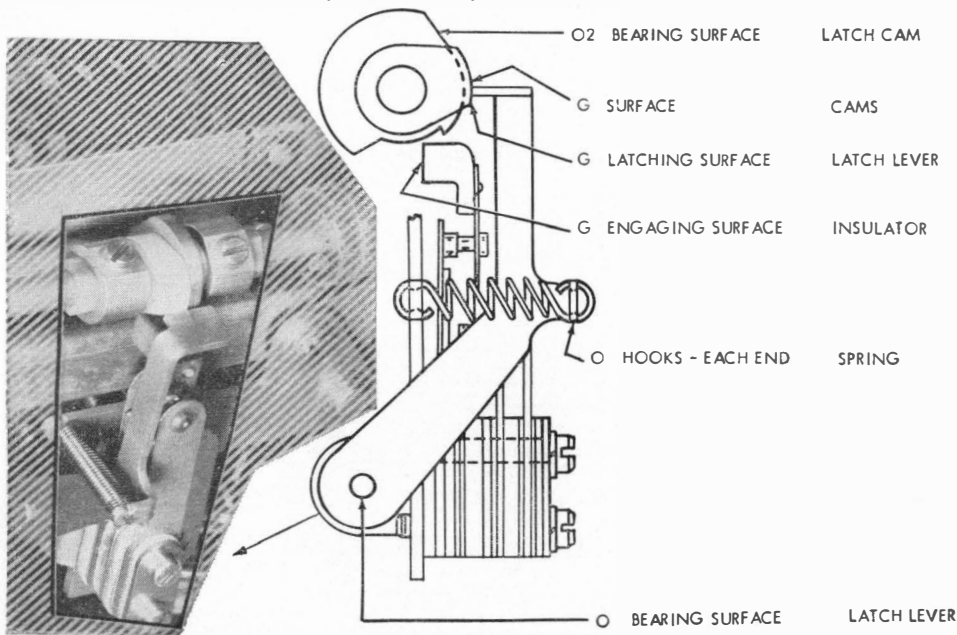
## 2.19 Gears

**Note:** For detailed lubrication information of the motor unit, refer to section entitled 28 Motor, Lubrication.



## C. Variable Features

### 2.20 Universal Contacts (Make-Break)



### 3. ASSOCIATED BELL SYSTEM PRACTICES

3.01 The following Bell System Practices provide additional information that may be required in connection with this section.

<u>Subject</u>	<u>Section</u>
Teletypewriter Apparatus, Lubrication, General Information and Routines	P30.011
Teletypewriter Apparatus, General Requirements and Procedures	P30.012
Teletypewriter Apparatus, Disassembly and Reassembly, General Information and Routines	P30.013
Teletypewriter Tools and Maintenance Supplies	P30.301
Teletypewriter Apparatus, Preparation of Apparatus for Installation	P33.014
Alphabetical Index of 28-type Equipment, Bell System Practices, and Associated 28 ASR Station Drawings	P34.001