

33 KEYBOARD  
 LUBRICATION

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1.04 Lubricate the keyboard before placing it into service or prior to storage. After a short period of service, relubricate it to make sure no areas have been missed. Thereafter, lubricate the keyboard at regular intervals as indicated:

<u>Operating Speed</u> (Words per Minute)	<u>Lubrication Interval</u>
100	500 hours* or 6 months**

\*Station set operating hours.  
 \*\*Whichever comes first.

1.05 The textual instructions that accompany each line drawing consist of abbreviated directions, specific lubrication points, and parts affected. The meanings of the abbreviated directions (symbols) are given below:

<u>Symbol</u>	<u>Meaning</u>
D	Keep dry — no lubricant permitted.
O	Oil (KS7470).
G	Apply thin coat of grease (KS7471).

1.06 References to left, right, front, or rear, etc, consider the keyboard to be viewed from a position where the spacebar faces up and the contact mechanism is located to the viewer's right.

**CAUTION: DO NOT USE ALCOHOL, MINERAL SPIRITS, OR OTHER SOLVENTS TO CLEAN PLASTIC PARTS OR PARTS WITH PROTECTIVE-DECORATIVE FINISHES. NORMALLY, A SOFT, DRY CLOTH SHOULD BE USED TO REMOVE DUST, OIL, GREASE, OR OTHERWISE CLEAN PARTS OR SUBASSEMBLIES. IF NECESSARY, A SOFT CLOTH**

1. GENERAL

1.01 This section provides lubrication requirements for the 33 keyboard. It is reissued to provide lubrication instructions for the locking mechanism of keyboards for computer input/output (I/O) sets. Marginal arrows indicate the addition.

1.02 The general lubrication areas are illustrated by photographs. The specific points to receive lubricant are indicated on line drawings with appropriate textual instructions. The line drawings and textual instructions follow a photograph and are keyed to the photograph by paragraph numbers.

1.03 Thoroughly lubricate the keyboard, but avoid overlubrication that might permit the lubricant to drip or be thrown onto adjacent parts.

DAMPENED WITH SOAP OR MILD DETERGENT MAY BE USED. RINSE WITH A SOFT, DAMP CLOTH AND BUFF WITH A SOFT, DRY CLOTH.

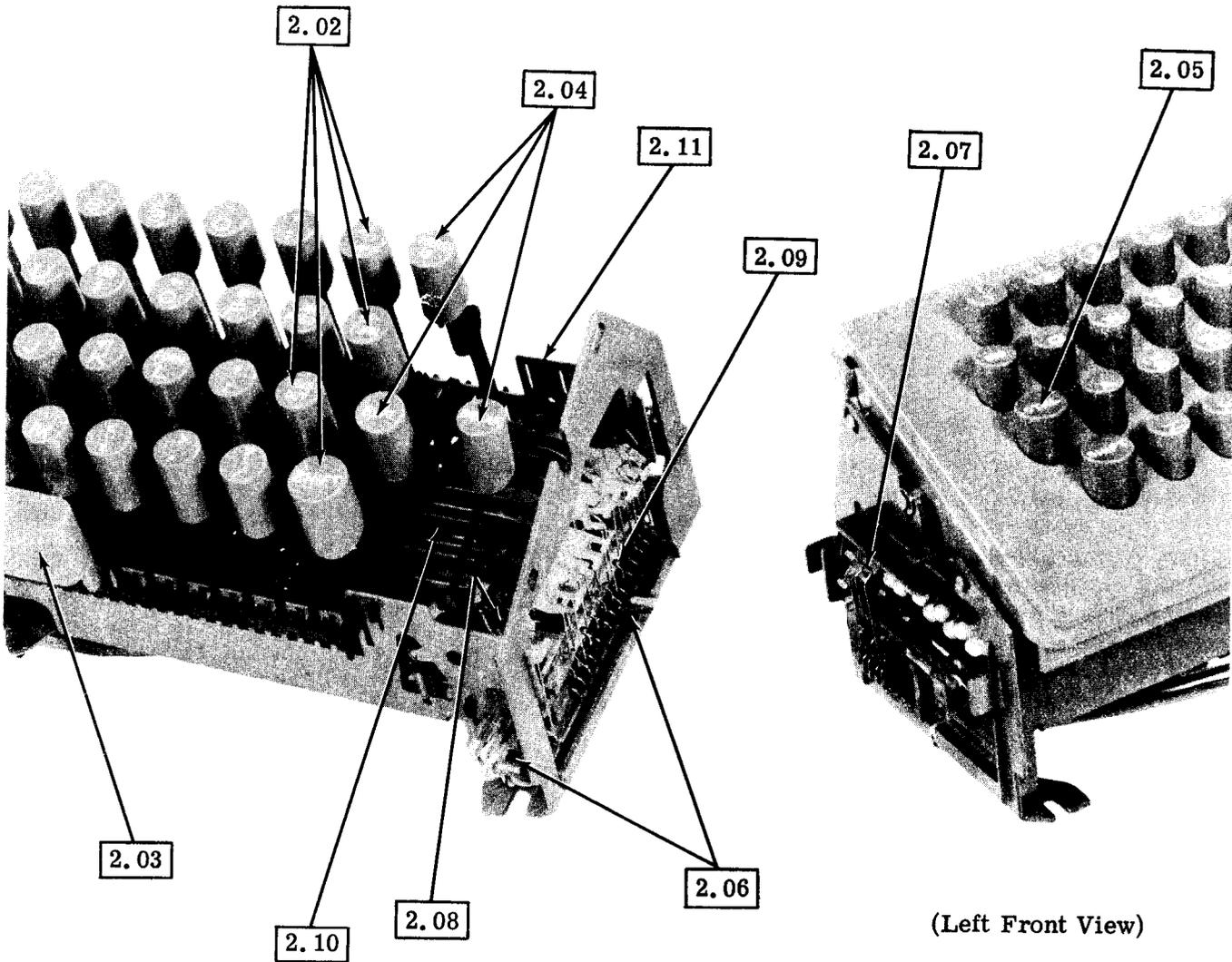
1.08 Disassembly and reassembly instructions are given in Section 574-121-702TC.

**CAUTION: REMOVE ALL ELECTRICAL POWER FROM UNIT BEFORE LUBRICATION OR DISASSEMBLY.**

1.07 Materials needed for lubrication are listed in Section 570-005-800TC.

## 2. BASIC UNIT

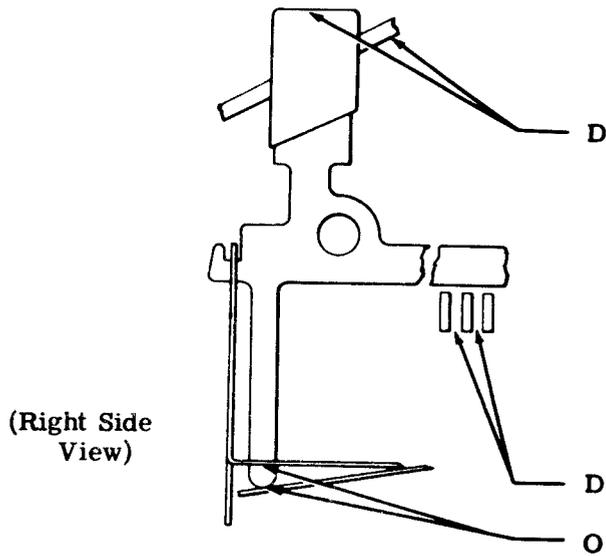
### 2.01 Keyboard



(Right Front View  
Cover Removed)

(Left Front View)

2.02 Keylevers

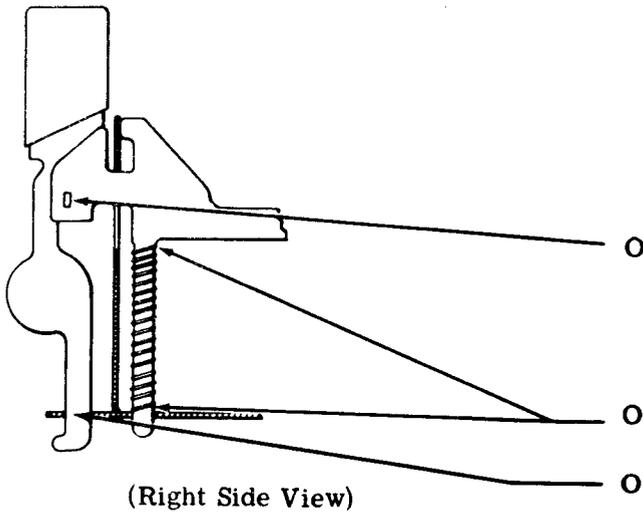


**Top Surface**                      **Keytops and Keyboard Cover**

**Areas Between Bars**            **Codebars**

**Contact Surface**                  **Keylever Springs**

2.03 Spacebar

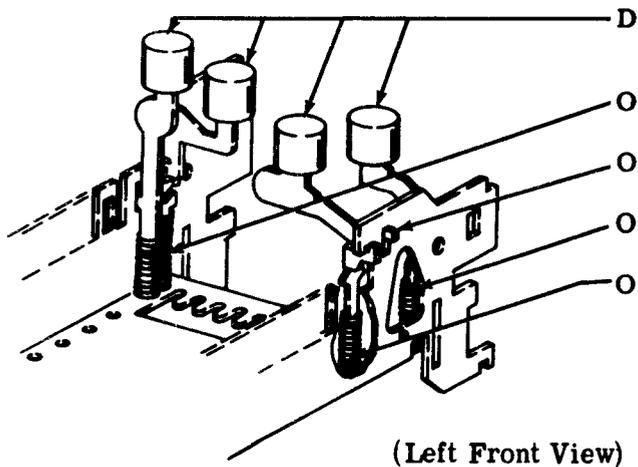


**Contact Surfaces (5)**            **Space Lever**

**Seat (Each End)**                  **Springs (2)**

**Sliding Surfaces**                  **Space Lever**

2.04 HERE IS, BREAK, and REPT Keylevers



**Top Surface**                      **Keytops**

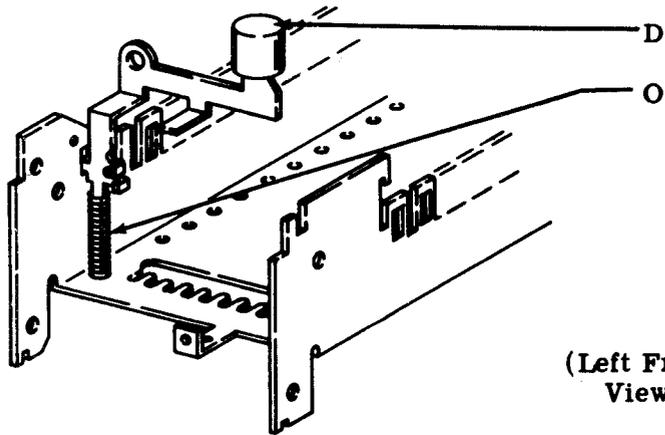
**Seat (Each End)**                  **Springs**

**Contact Surfaces**                **Keylevers**

**Seat (Each End)**                  **Spring**

**Seat (Each End)**                  **Spring**

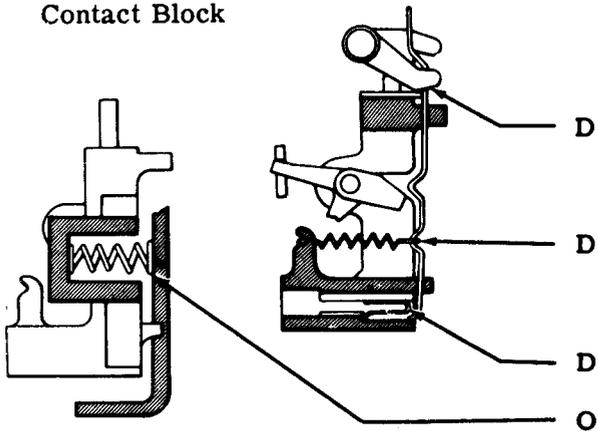
2.05 CTRL Keylever



- D Top Surface                      Keytop
- O Seat (Each End)                Spring

(Left Front View)

2.06 Contact Block

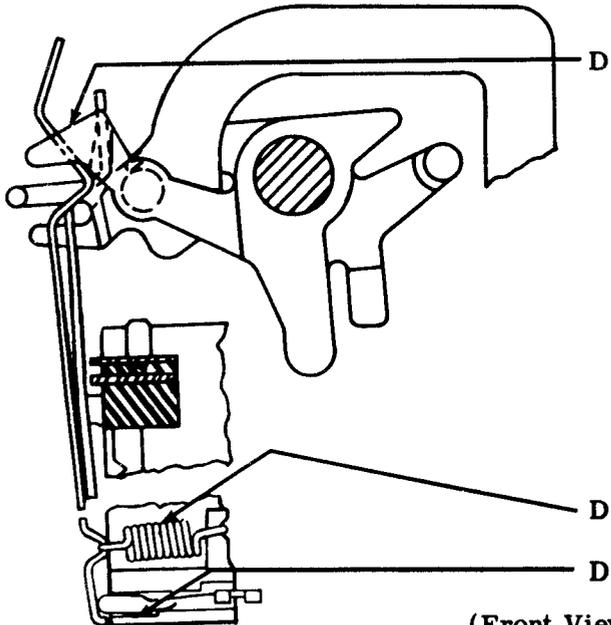


- D Contact Surface                Contact Wires
- D Springs                        Contact Wires
- D Contact Surface                Contact Wires
- O Seat                              Springs (2)

(Front Views)

**CAUTION: DO NOT CLEAN THE KEYBOARD CONTACT BLOCK WITH ALCOHOL, MINERAL SPIRITS, OR OTHER SOLVENTS.**

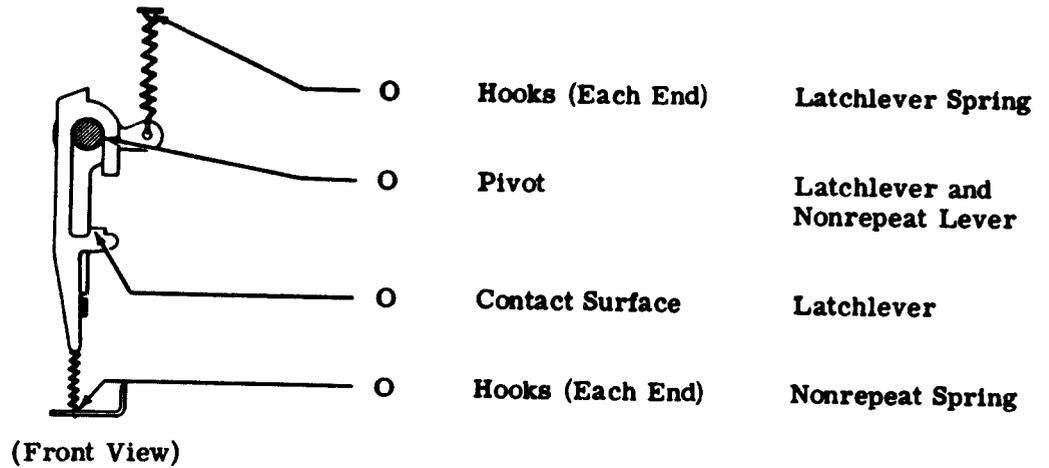
2.07 Auxiliary Contact Block



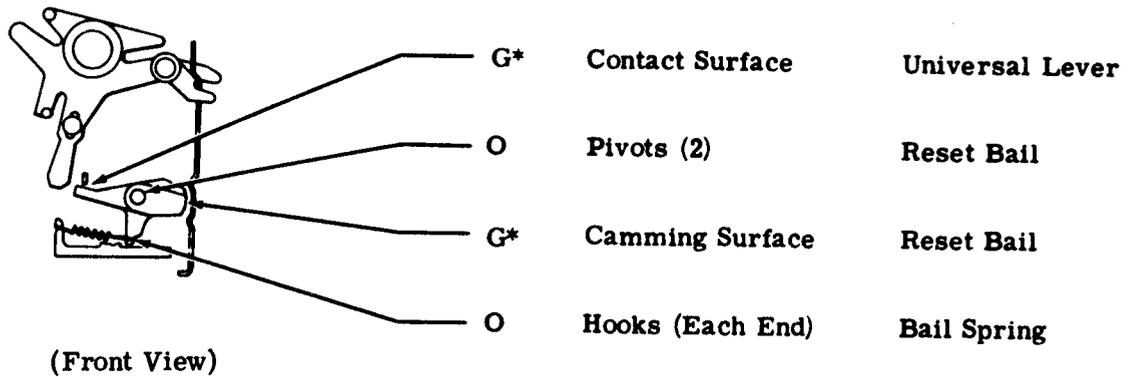
- D Contact Surfaces                Contact Wires
- D Springs                        Contact Wires
- D Contact Surface                Contact Wires

(Front View)

2.08 Latchlever Hooks

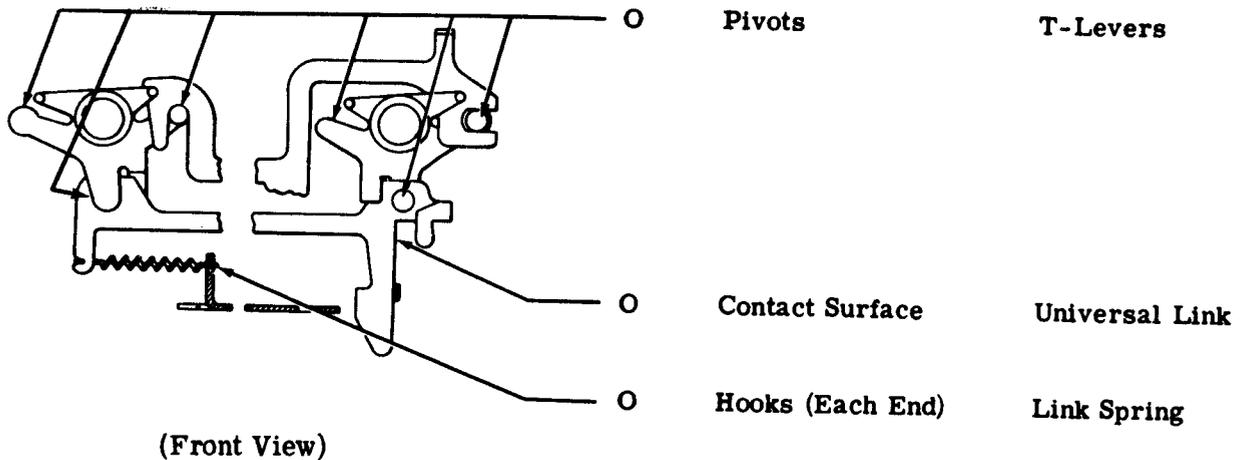


2.09 Reset Bail

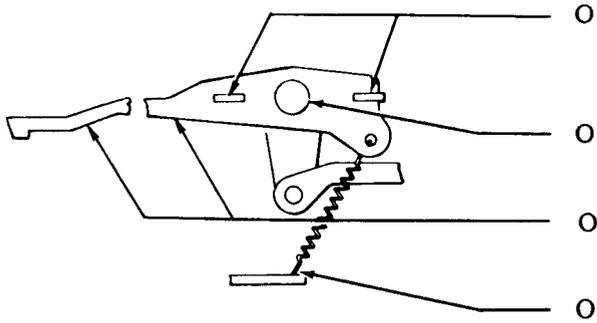


\*At 1500 hour lubrication intervals, apply a coat of thoroughly mixed 50 percent KS7470 oil and 50 percent KS7471 grease.

2.10 Codebar Mechanism



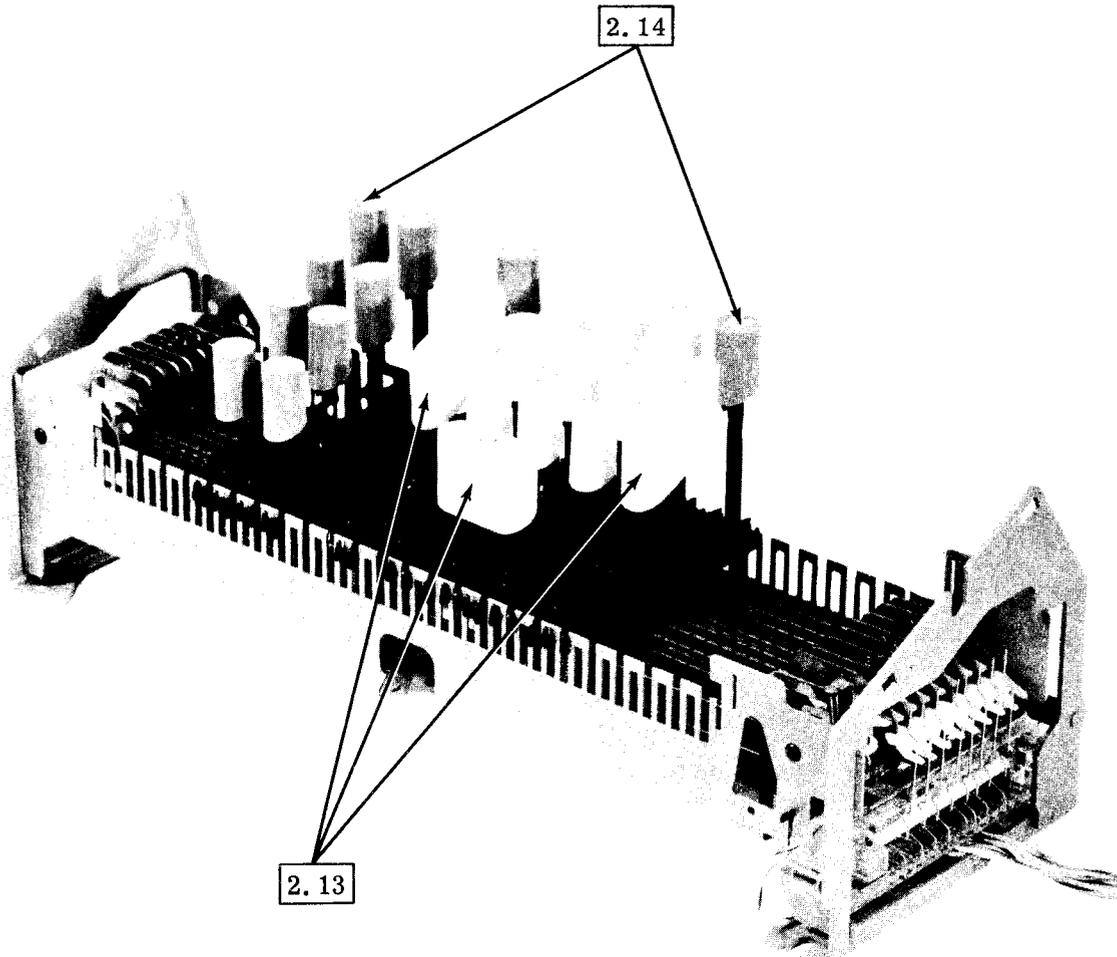
2.11 Universal Lever



- O Engaging Tabs H-Lever
- O Pivot Universal Lever
- O Engaging Surfaces Universal Lever
- O Hooks (Each End) Spring

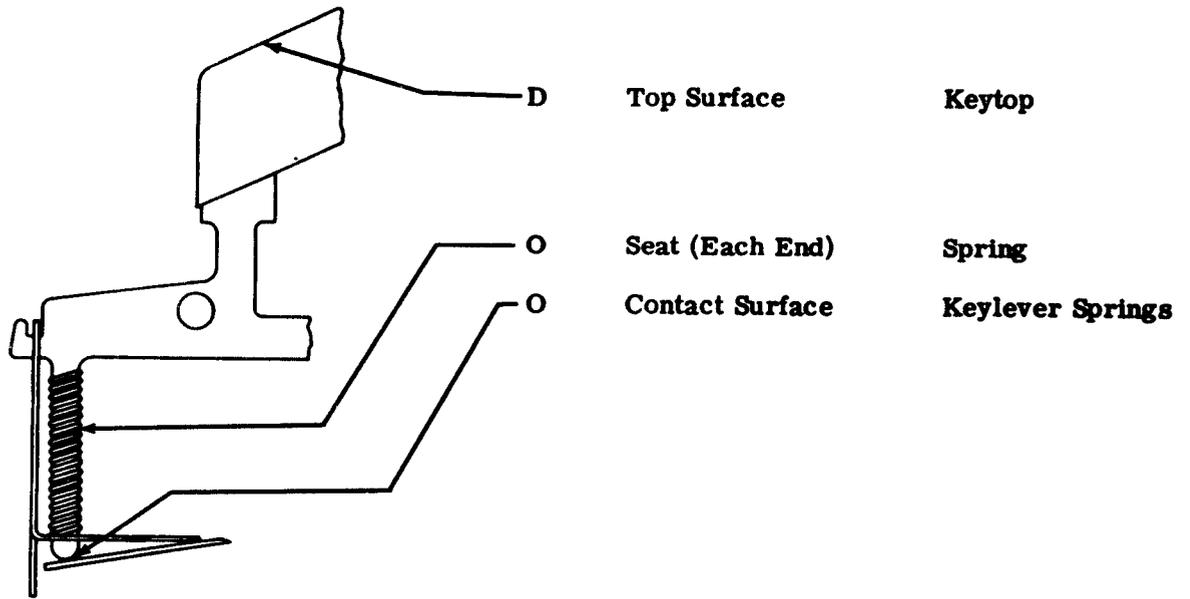
(Right Side View)

2.12 Numeric Keyboard (Cover Removed)



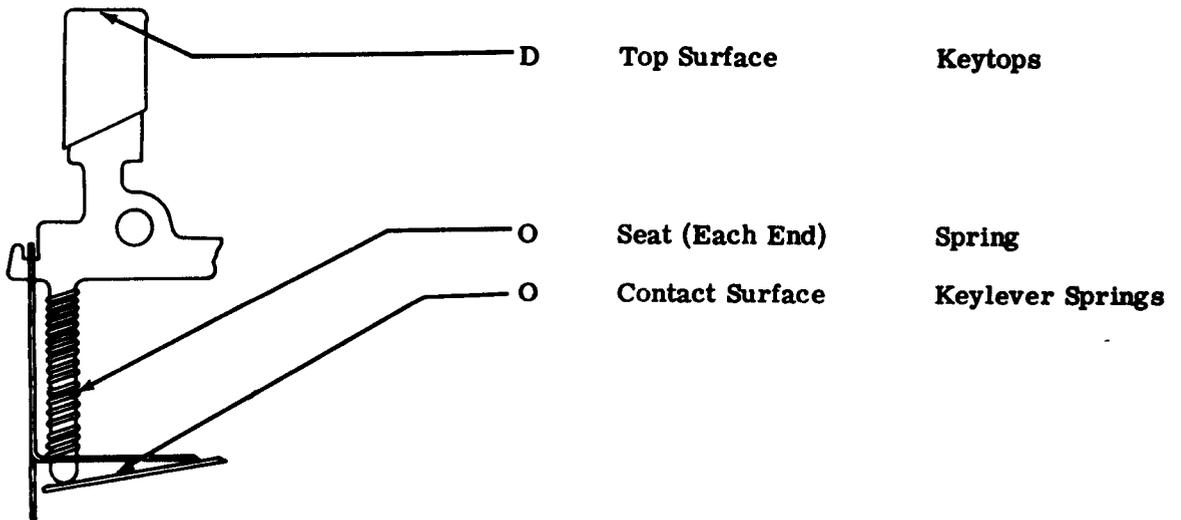
(Right Front View)

2.13 SPACE, BLOCK, and O Keylevers



(Right Side View)

2.14 Numeric Keylevers



(Right Side View)

3. KEYBOARD FOR COMPUTER I/O SET

3.01 Locking Mechanism

