

33 KEYBOARD
LUBRICATION

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for the tape punch are similar to the lubrication intervals of the set. The lubrication intervals are dictated by the hours of use (including idle time) on a daily basis. The following charts and notes list the appropriate lubrication intervals.

LUBRICATION INTERVALS IN WEEKS
BASED ON 5-DAY WEEK (Note 1)

NEWLY INSTALLED EQUIPMENT				
DAILY USE				
	0 TO 8	8 TO 16	16 TO 24	
<u>SPEED</u>	<u>HOURS</u>	<u>HOURS</u>	<u>HOURS</u>	
All Speeds	3 Weeks	2 Weeks	1 Week	

REGULAR LUBRICATION				
DAILY USE				
	0 TO 8	8 TO 16	16 TO 24	
<u>SPEED</u>	<u>HOURS</u>	<u>HOURS</u>	<u>HOURS</u>	
60 WPM	39 Weeks	26 Weeks	13 Weeks	
100 WPM	26 Weeks	13 Weeks	6 Weeks	

1. GENERAL

1.01 This section provides lubrication requirements for the 33 keyboard. It is reissued to add new lubrication interval requirements for the keyboard. Marginal arrows indicate changes and additions.

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.

1.04 Initial lubrication of the tape punch should be completed just prior to placing it into service. The lubrication intervals

Note 1: Reduce lubrication interval 15 percent when usage is 6 days per week and 30 percent when usage is 7 days per week.

Note 2: Sets operating at speeds between 60 and 100 wpm use lubrication requirements for the lower of the two speeds.

Note 3: The lubrication intervals are for the set as a whole — all components of the set should be lubricated.

Note 4: Just prior to storage all equipment should be thoroughly lubricated.

SECTION 574-121-701TC

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 SUB-ASSEMBLIES. IF NECESSARY, A SOFT CLOTH DAMPENED WITH SOAP OR MILD DETERGENT MAY BE USED. RINSE WITH A SOFT, DAMP CLOTH AND BUFF WITH A SOFT, DRY CLOTH.

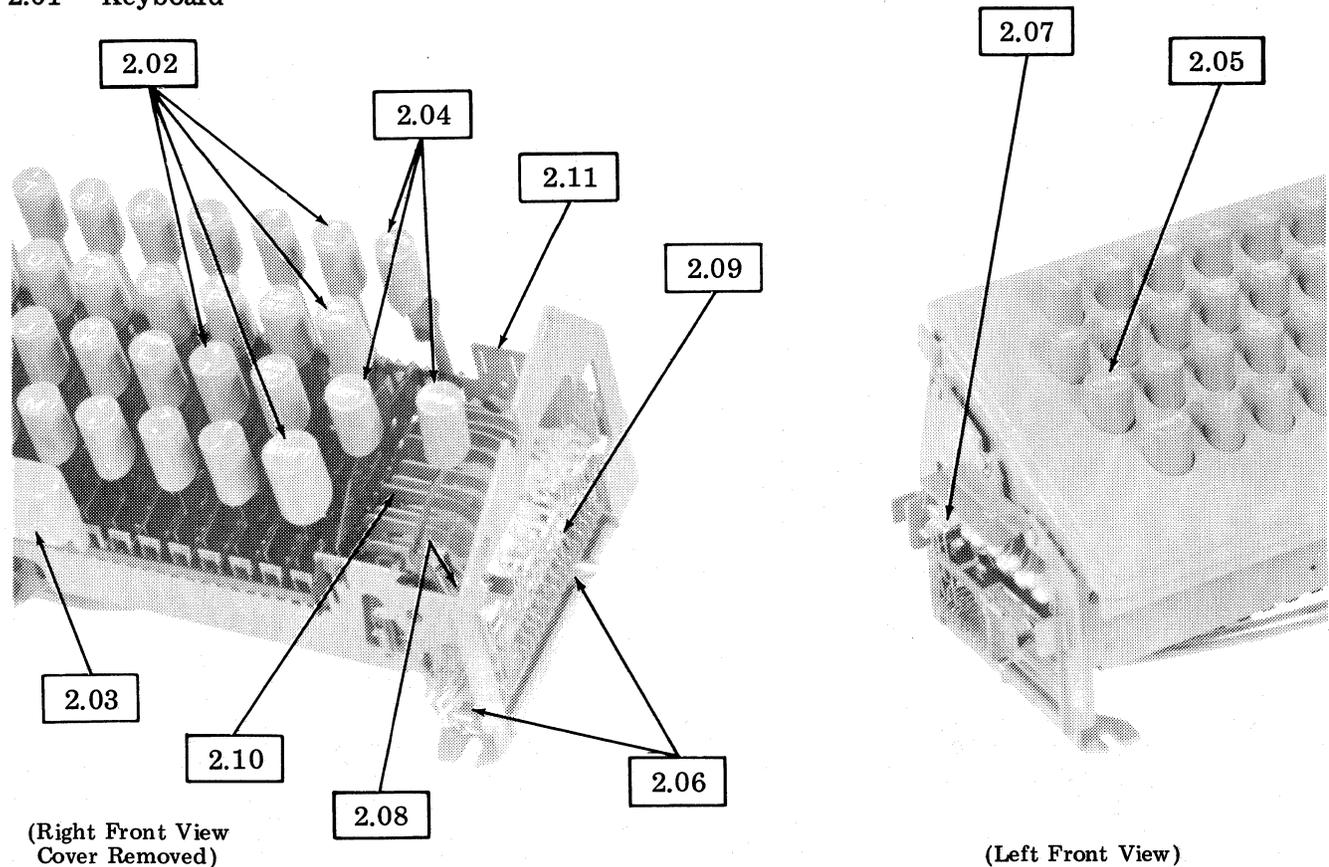
1.07 Materials needed for lubrication are listed in Section 570-005-800TC.

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

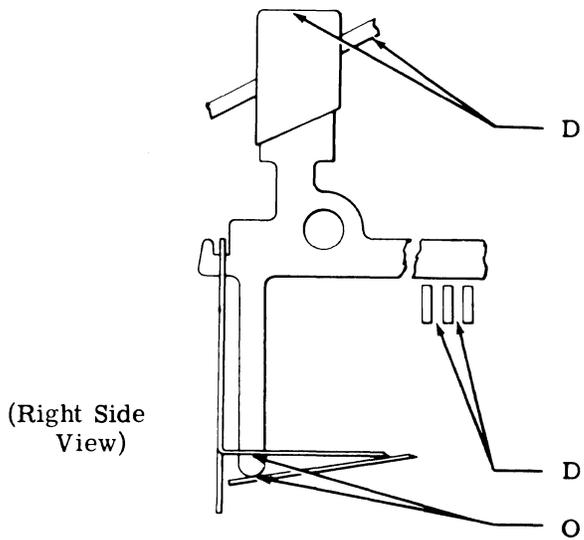
CAUTION: REMOVE ALL ELECTRICAL POWER FROM UNIT BEFORE LUBRICATION OR DISASSEMBLY.

2. BASIC UNIT

2.01 Keyboard



2.02 Keylevers

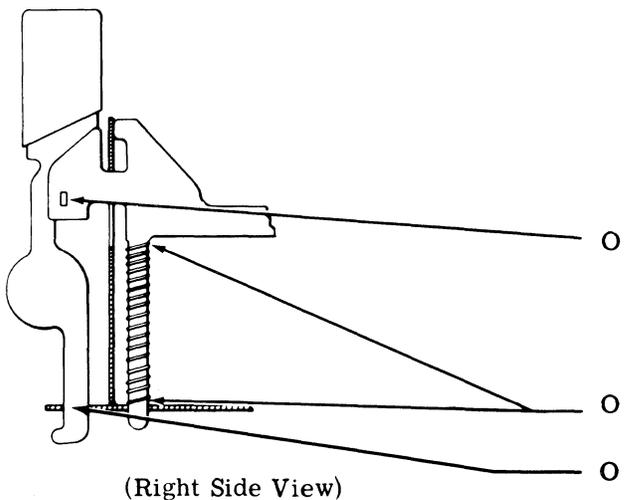


Top Surface Keytops and Keyboard Cover

Areas Between Bars Codebars

Contact Surface Keylever Springs

2.03 Spacebar

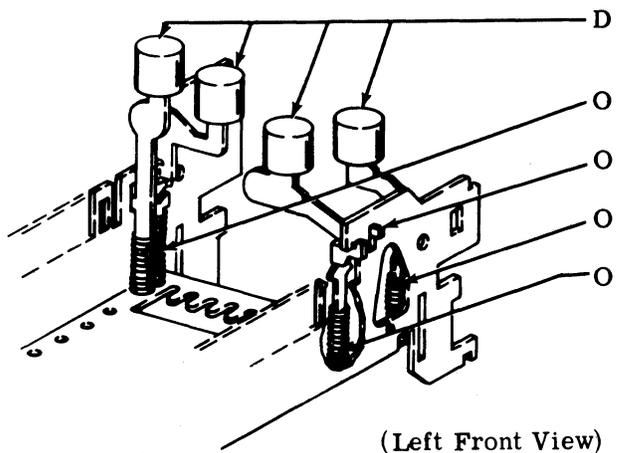


Contact Surfaces (5) Space Lever

Seat (Each End) Springs (2)

Sliding Surfaces Space Lever

2.04 HERE IS, BREAK, and REPT Keylevers



Top Surface Keytops

Seat (Each End) Springs

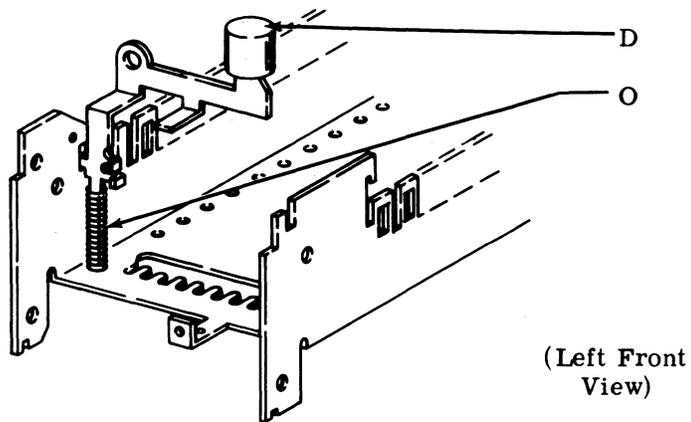
Contact Surfaces Keylevers

Seat (Each End) Spring

Seat (Each End) Spring

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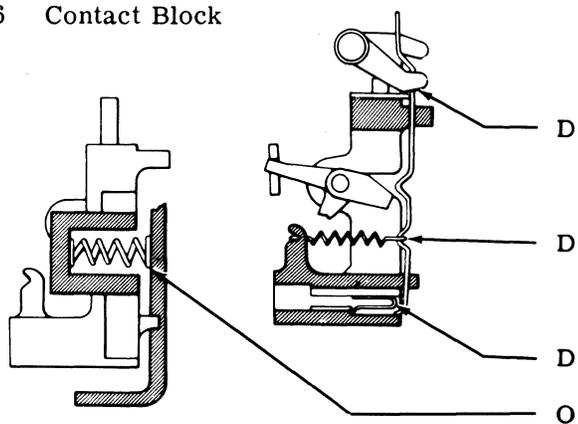
2.05 CTRL Keylever



D	Top Surface	Keytop
O	Seat (Each End)	Spring

(Left Front View)

2.06 Contact Block

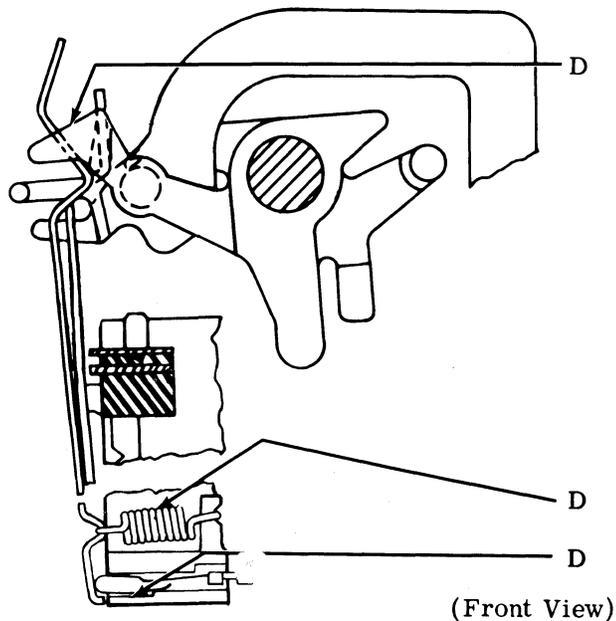


D	Contact Surface	Contact Wires
D	Springs	Contact Wires
D	Contact Surface	Contact Wires
O	Seat	Springs (2)

(Front Views)

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

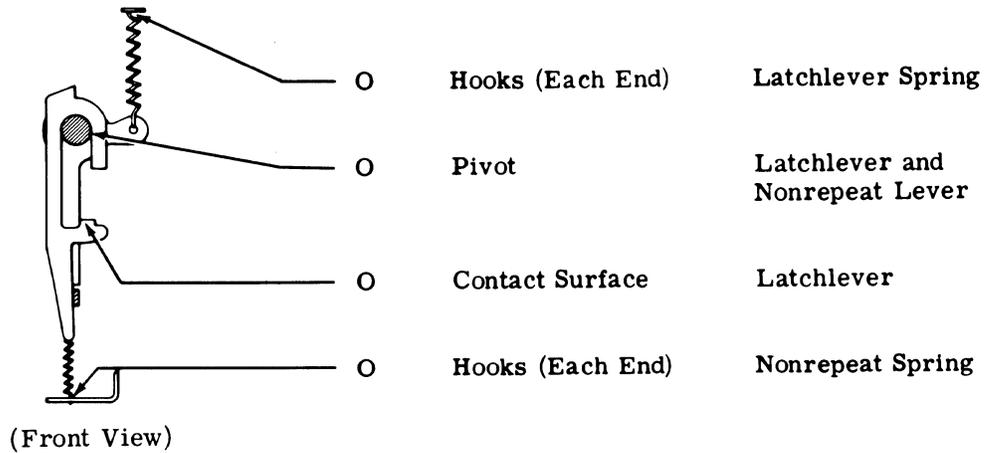
2.07 Auxiliary Contact Block



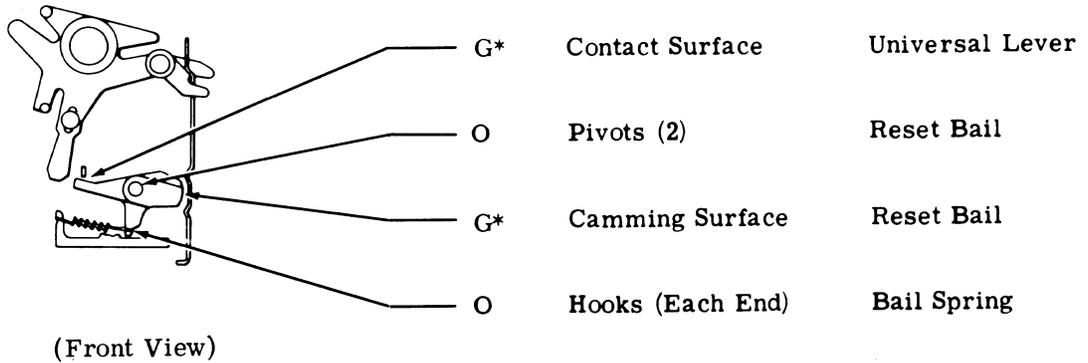
D	Contact Surfaces	Contact Wires
D	Springs	Contact Wires
D	Contact Surface	Contact Wires

(Front View)

2.08 Latchlever Hooks

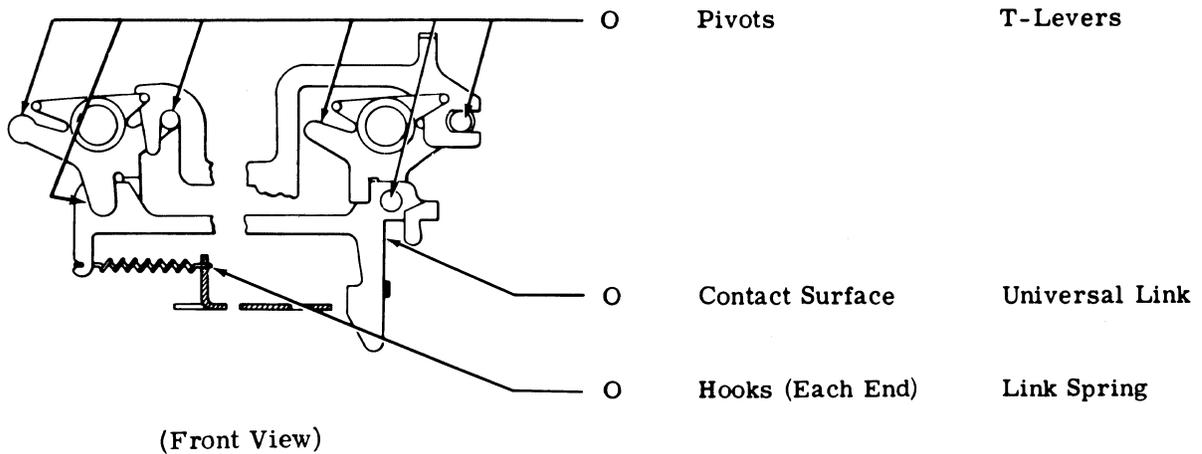


2.09 Reset Bail



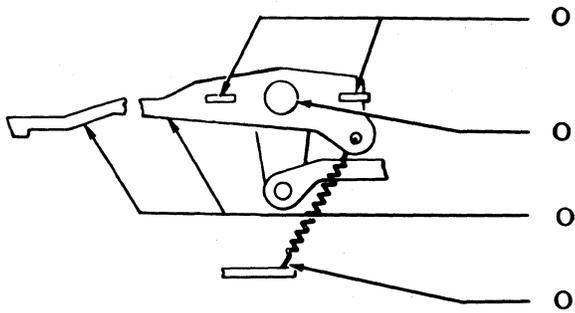
*At 1500 hour lubrication intervals, apply a coat of thoroughly mixed 50 percent KS7470 oil and 50 percent KS7471 grease.

2.10 Codebar Mechanism



SECTION 574-121-701TC

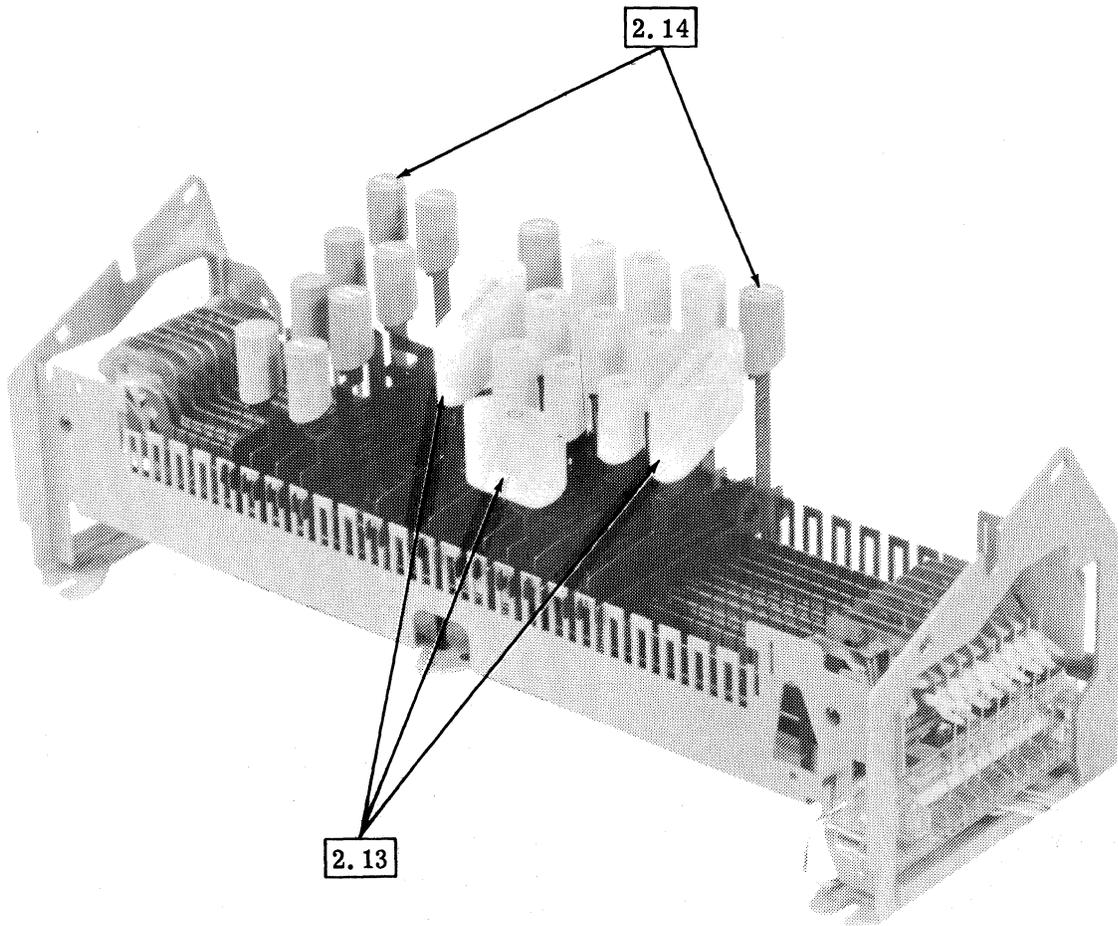
2.11 Universal Lever



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

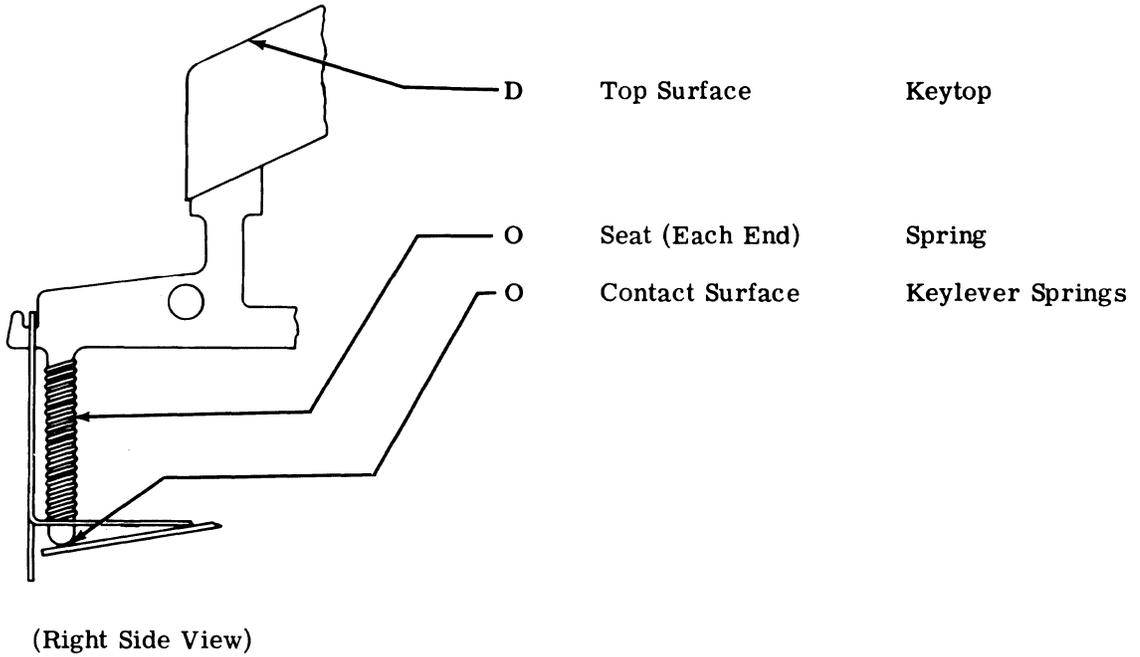
(Right Side View)

2.12 Numeric Keyboard (Cover Removed)

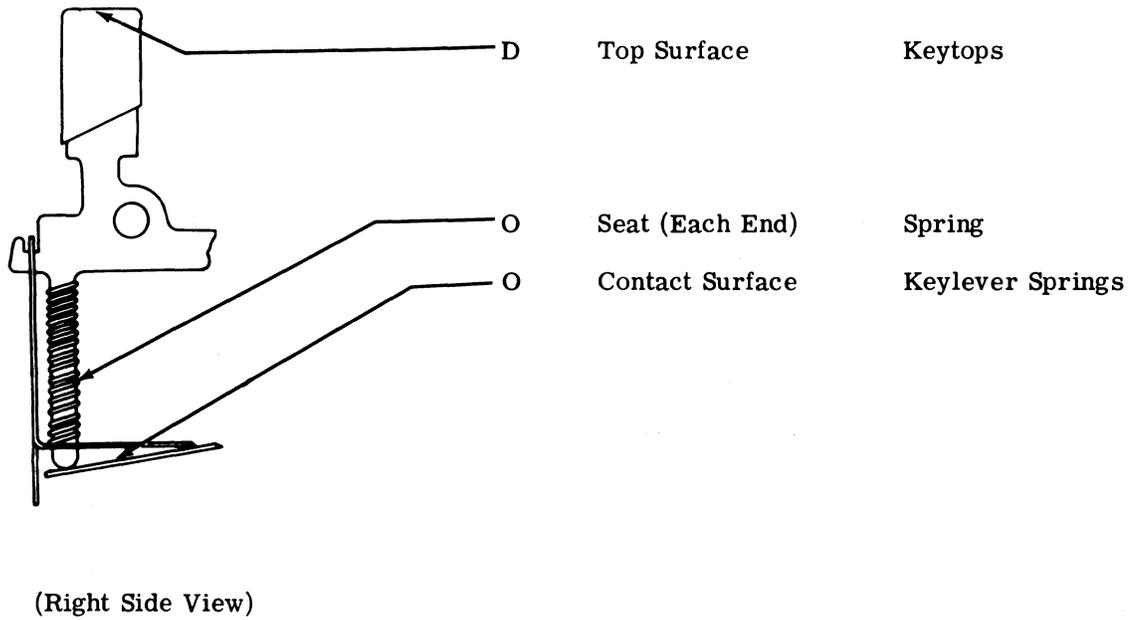


(Right Front View)

2.13 SPACE, BLOCK, and O Keylevers



2.14 Numeric Keylevers



→ 2.15 Locking Mechanism (Units So Equipped)

