TELETYPE CORPORATION
Skokie, Illinois, U.S.A.

SECTION 574-175-701TC
Issue 3, December 1973

32 TAPE PUNCH

LUBRICATION

CONTENTS

1. GENERAL

1.01 This section provides lubrication requirements for the 32 tape punch. It is reissued to make corrections and change the lubrication interval. Marginal arrows indicate changes. To remove the tape punch from the teletypewriter set as a unit, refer to Section 574-160-702TC.

1.02 Lubrication of the tape punch is presented by mechanisms. Photographs show numbered callouts that correspond to paragraphs containing line drawings. These drawings show specific points of each mechanism to be lubricated.

1.03 References to front, rear, left, right, etc, are made viewing the tape punch from its normal operating position.

1.04 Lubricate all components of the teletypewriter set at the following intervals:

CAUTION: DISCONNECT POWER BEFORE APPLYING ANY LUBRICANT. DO NOT USE SOLVENTS TO CLEAN PLASTIC PARTS OR PROTECTIVE FINISHES. USE A SOFT DRY CLOTH. IF NECESSARY, USE A SOFT DAMP CLOTH WITH MILD DETERGENT, THEN RINSE AND BUFF WITH A SOFT DRY CLOTH.

LUBRICATION INTERVAL
(Based on 5-day Week)

Daily Operation of Tape Punch			
Speed (wpm)	0-8 hrs	8-16 hrs	16-24 hrs
60	39 wks	26 wks	13 wks
100	26 wks	13 wks	6 wks
All speeds*	3 wks	2 wks	1 wk

*Newly installed equipment

Note 1: Reduce lubricating intervals 15 percent for a 6-day week, and 30 percent for a 7-day week.

Note 2: Sets with typing unit serial numbers below 144,000, reduce lubricating intervals 33 percent. Those with serial numbers above 144,000, use above chart.

Note 3: For units operating at speeds between those shown, use slower of two speeds.

1.05 Whenever the tape punch is disassembled, apply an equally well-mixed coat of TKS7470 oil and TKS7471 grease to the areas indicated below:

Drive Link Mechanism (Early Design)	2.02
Drive Link Mechanism (Late Design)	2.03
Support Link (Late Design)	2.04

1.06 The following symbols, and their meaning, apply to the lubrication points in each paragraph:

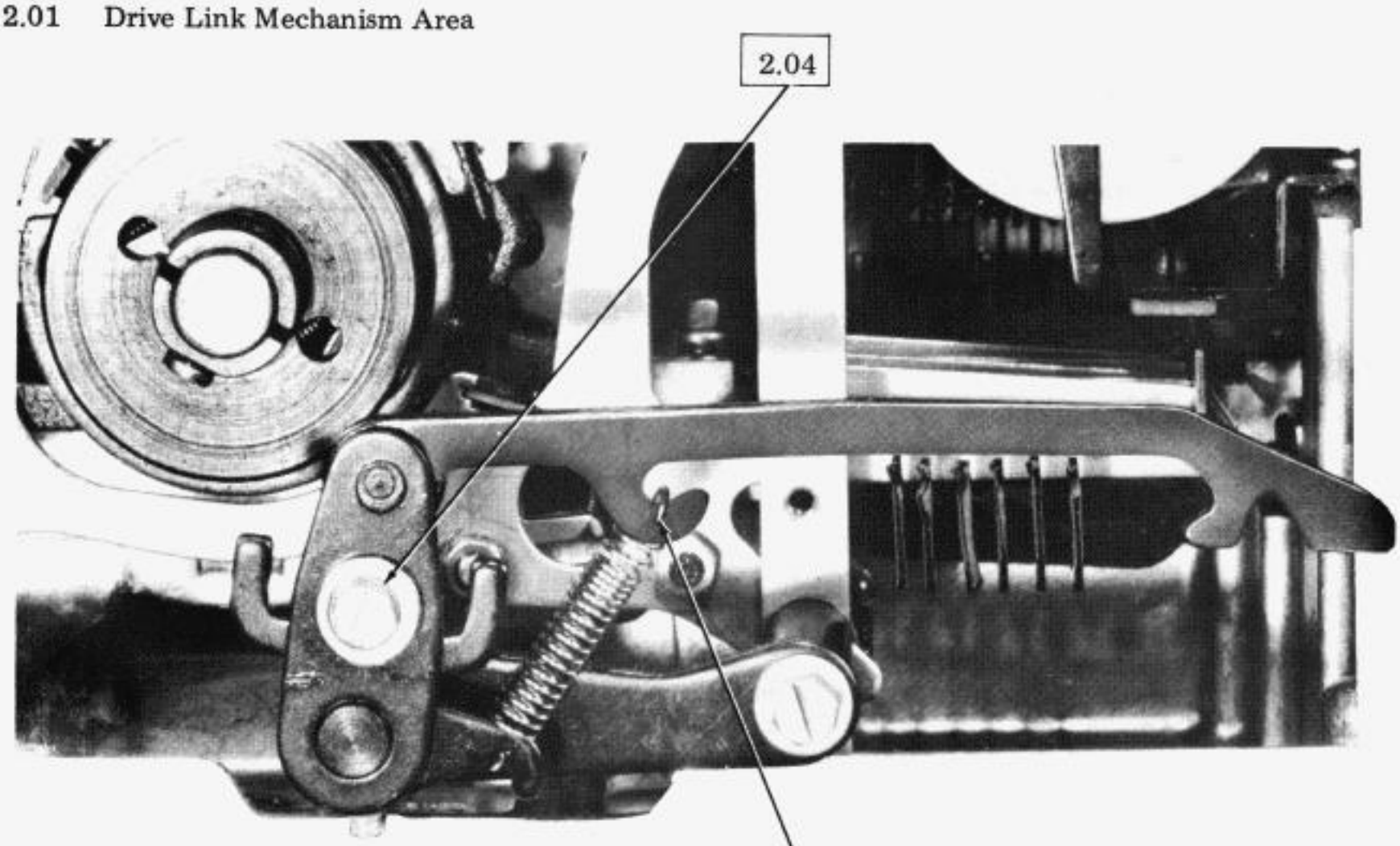
Note: The amount of lubricant applied is at the discretion of maintenance personnel.

SYMBOL	MEANING
D	Dry — no lubricant permitted
G	Grease — apply TKS7471 grease
O	Oil — apply TKS7470 oil

1.07 Lubricate the tape punch thoroughly. Saturate all felt washers. Apply oil to each end of all springs and to points where it will adhere and not run off. Avoid overlubrication. Keep electrical contacts and wire insulations free of lubricants. In general, apply oil to locations where parts rub, slide, or move with respect to each other. Apply grease to points of heavy pressure.

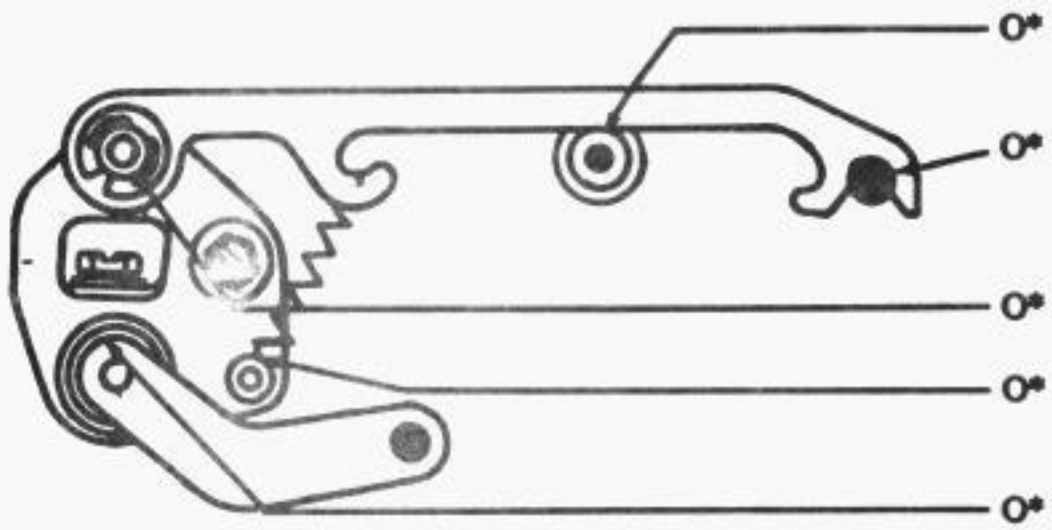
2. BASIC UNIT

2.01 Drive Link Mechanism Area



(Left Side View)

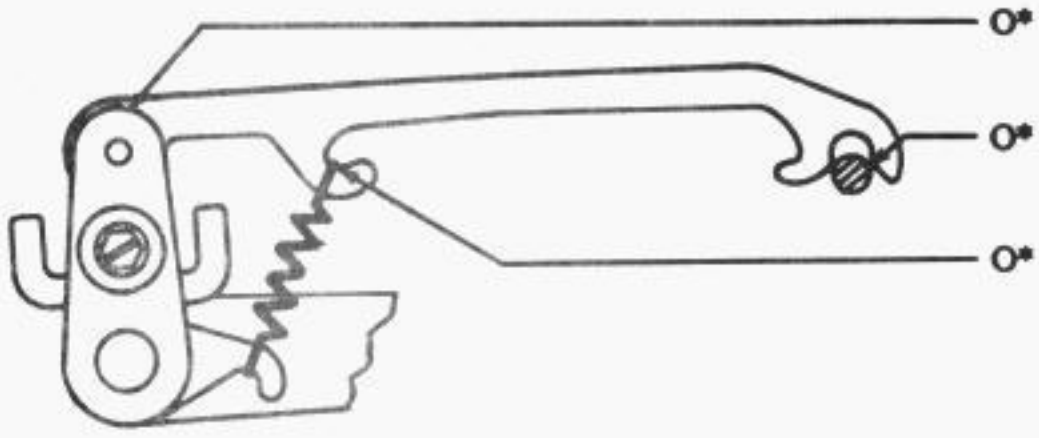
2.02 Drive Link Mechanism (Early Design)



O*	Engaging Surface	Roller
O*	Engaging Surface	Drive Link
O*	Pivot	Drive Link
O*	Hooks (Each End)	Drive Link Spring
O*	Pivot	Link with Post

(Left Side View)

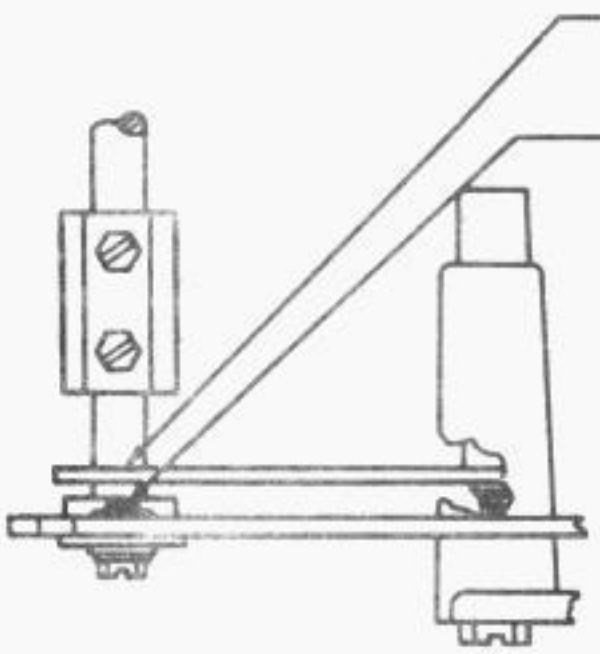
2.03 Drive Link Mechanism (Late Design)



O*	Pivot	Drive Link
O*	Engaging Surface	Drive Link
O*	Hooks (Each End)	Drive Link Spring

(Left Side View)

2.04 Support Link (Late Design)

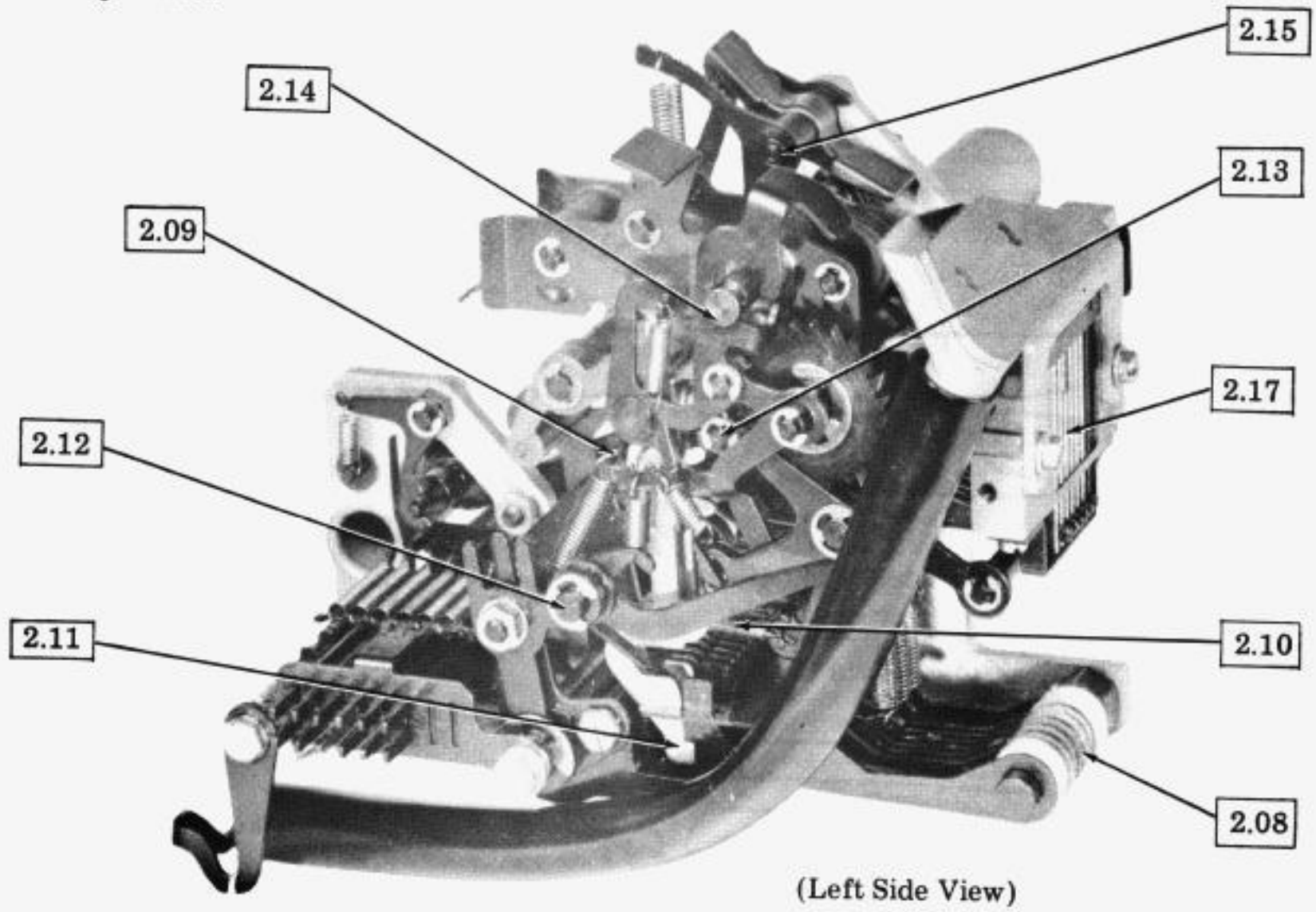


O*	Pivot	Support Link
O	Felt Washer	Plate with Shaft

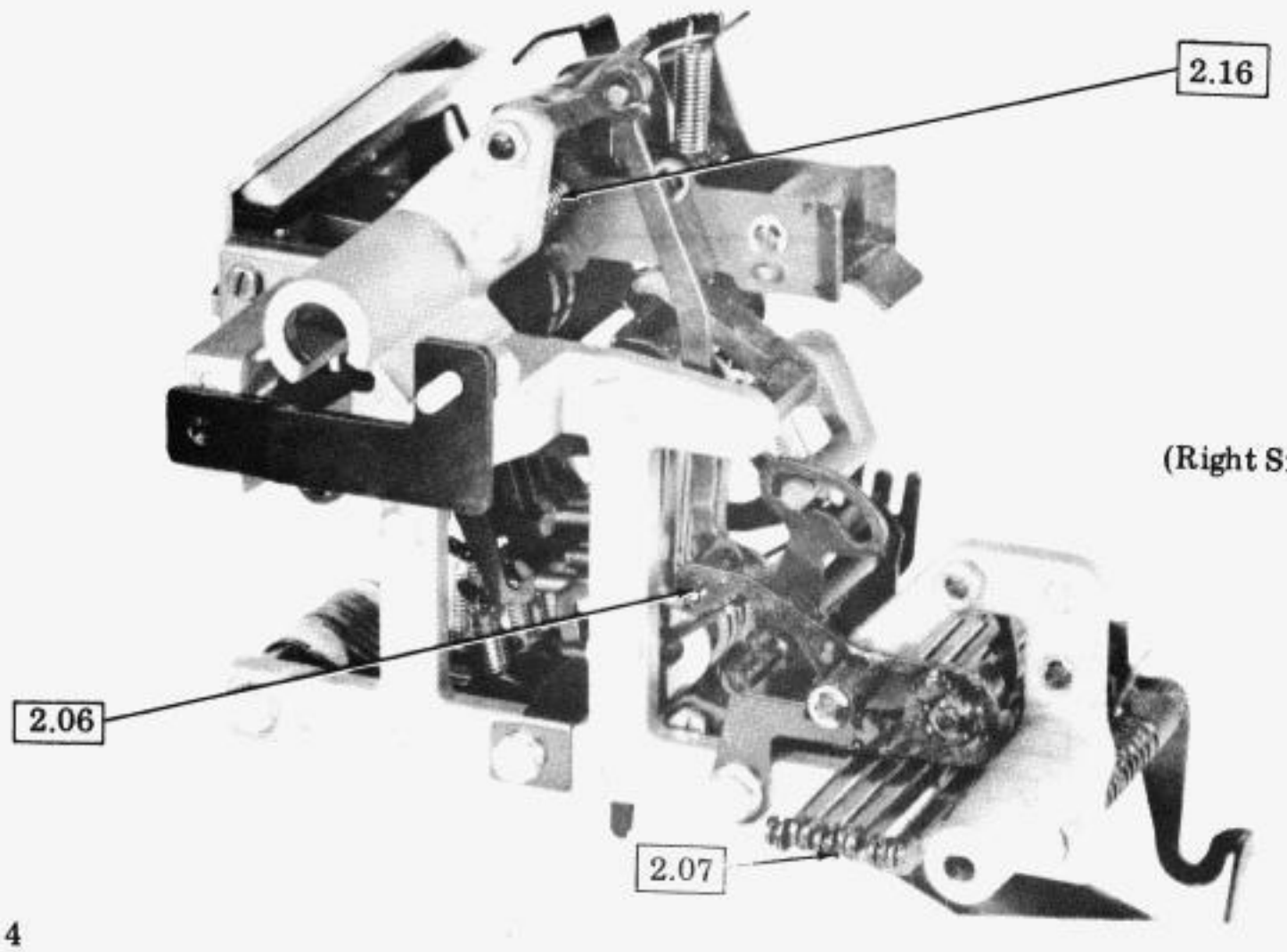
*Refer to 1.05

(Top View)

2.05 Tape Punch

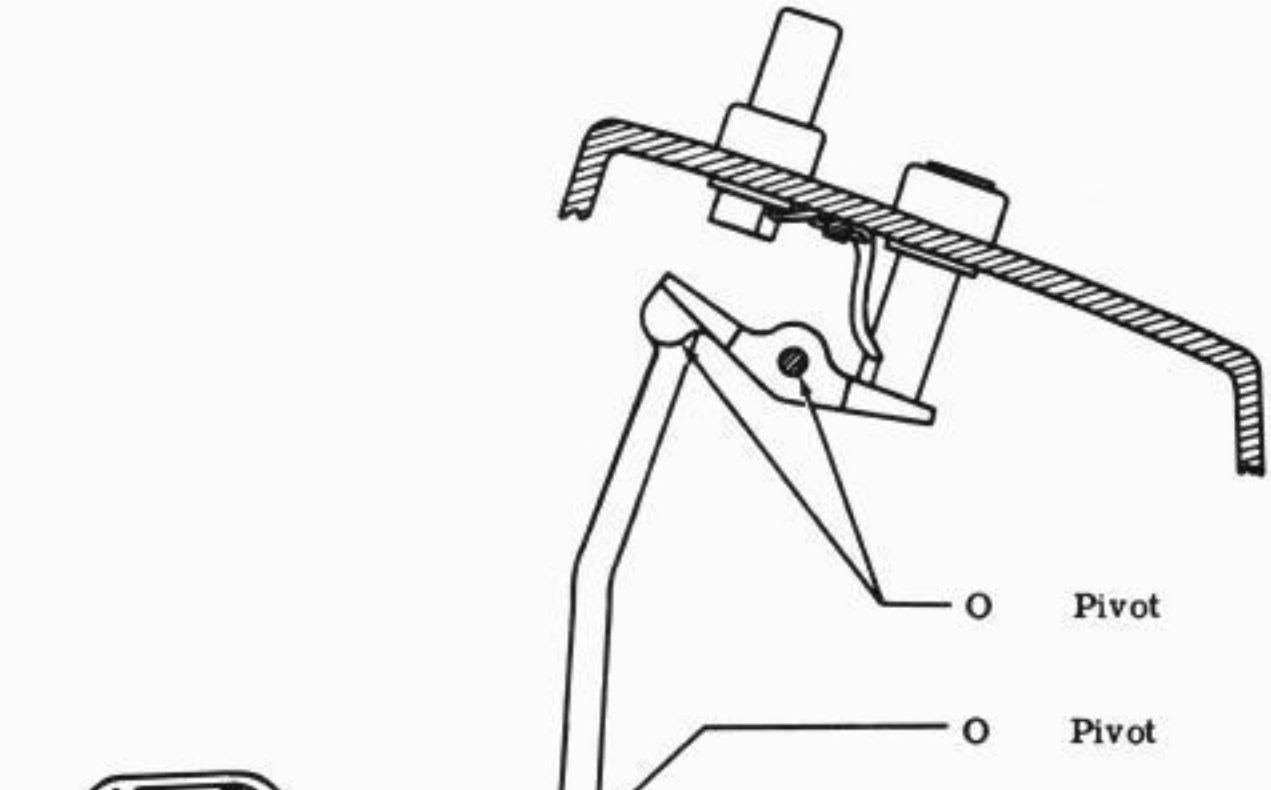


(Left Side View)



(Right Side View)

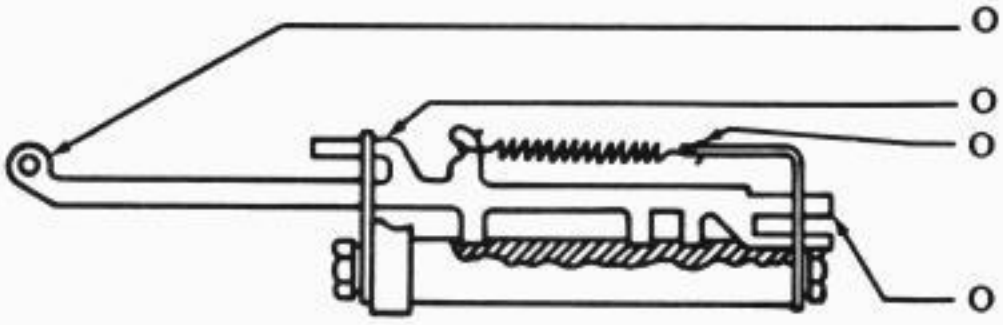
2.06 Control Mechanism



O	Pivot	Lever
O	Pivot	Link
O	Engaging Surface	Detent Lever
O	Pivot	Detent Lever
O	Pivot	Detent
O	Engaging Surface	Detent
O	Hooks (Each End)	Detent Spring

(Left Side View)

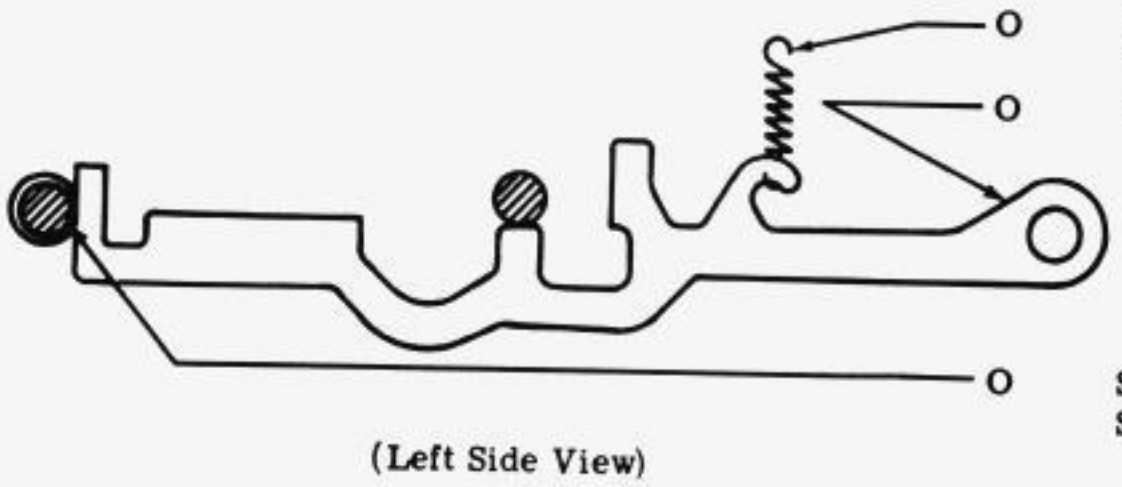
2.07 Codebar Levers



O	Guide Surfaces	Codebar Extensions
O	Sliding Surfaces	Codebar Levers
O	Hooks (Each End)	Codebar Lever Springs
O	Sliding Surfaces	Codebar Levers

(Rear View)

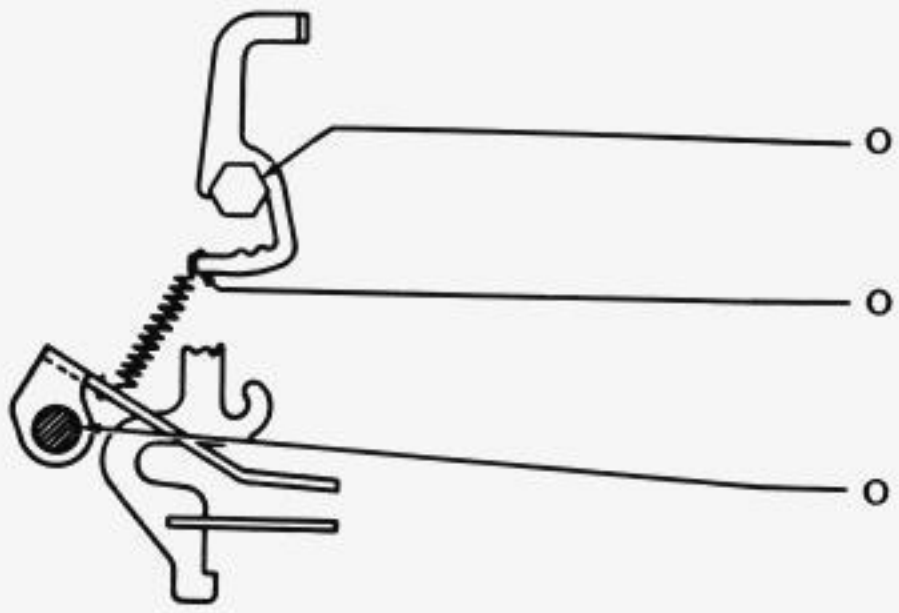
2.08 Sensing Levers



O	Hooks (Each End)	Sensing Lever Springs
O	Felt Washers	Sensing Levers
O	Sliding Surfaces	Sensing Levers

(Left Side View)

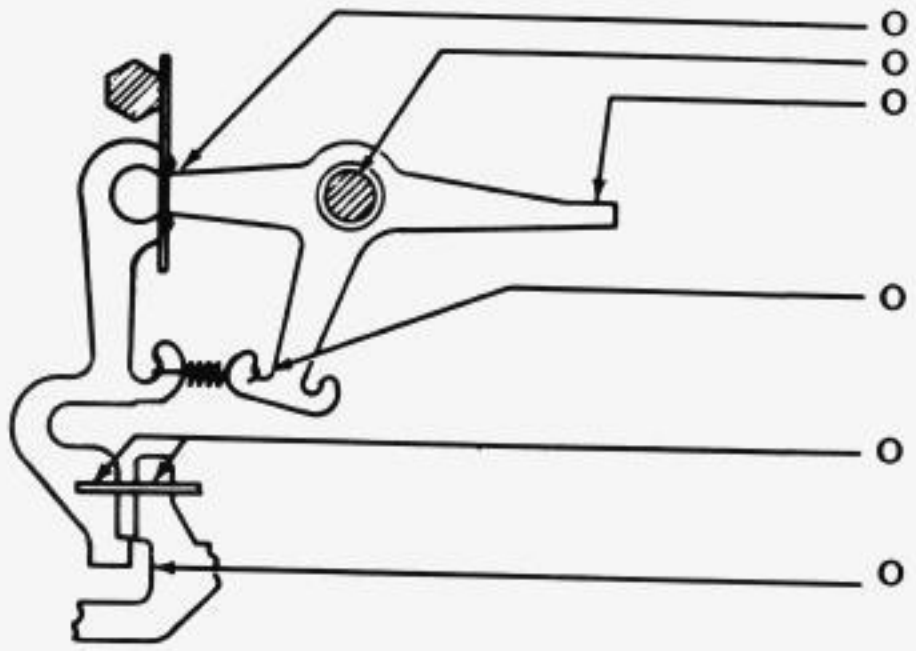
2.09 Stripper Bail



O	Pivot	Hook
O	Hooks (Each End)	Stripper Bail Spring
O	Pivot	Stripper Bail

(Left Side View)

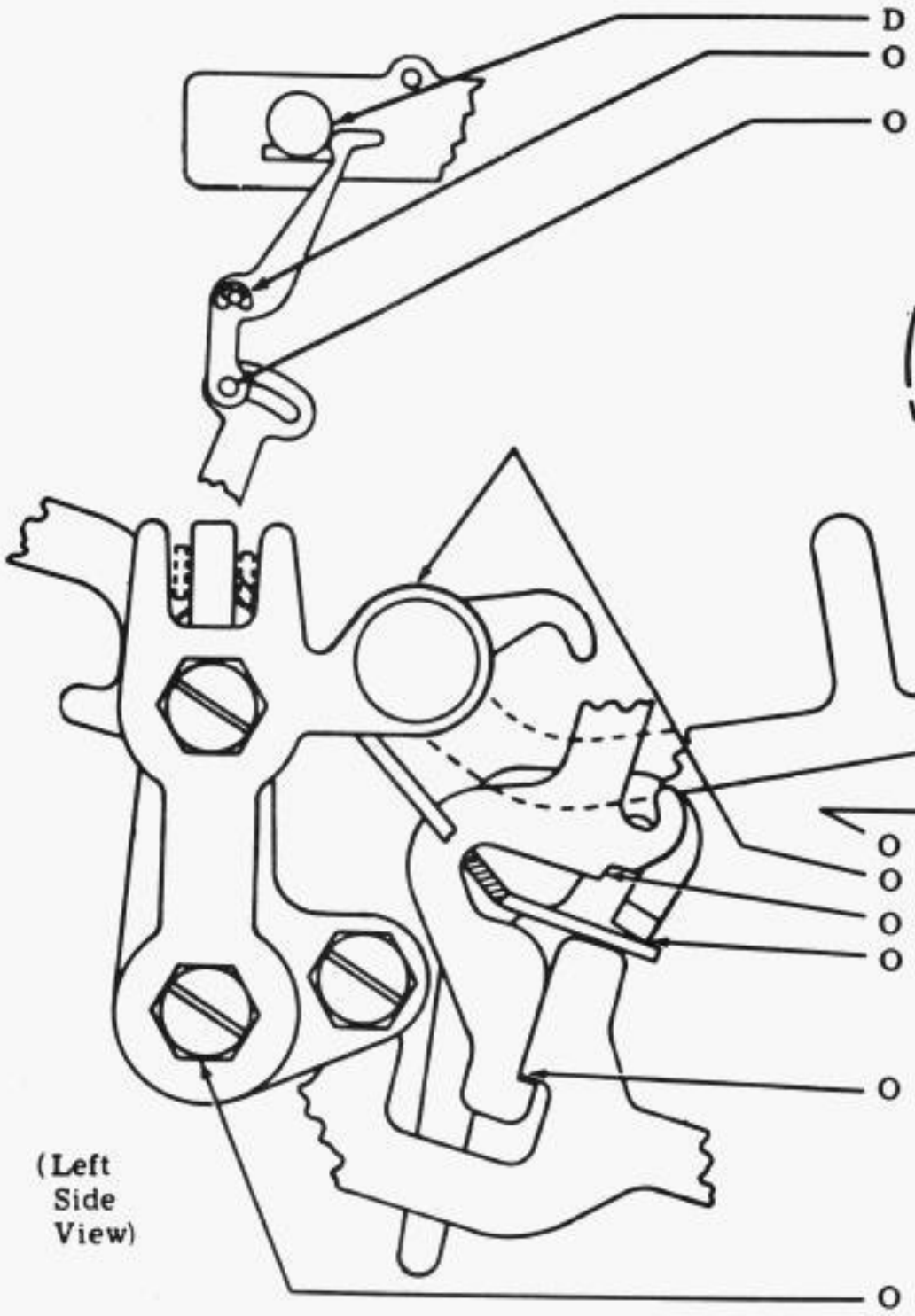
2.10 Pawls and Levers



O	Sliding Surfaces	Pawls and Levers
O	Felt Washers	Lever Pivot
O	Engaging Surfaces	Levers
O	Hooks (Each End)	Pawl and Lever Springs
O	Sliding Surfaces	Pawls and Sensing Levers
O	Engaging Surfaces	Pawls and Sensing Lever

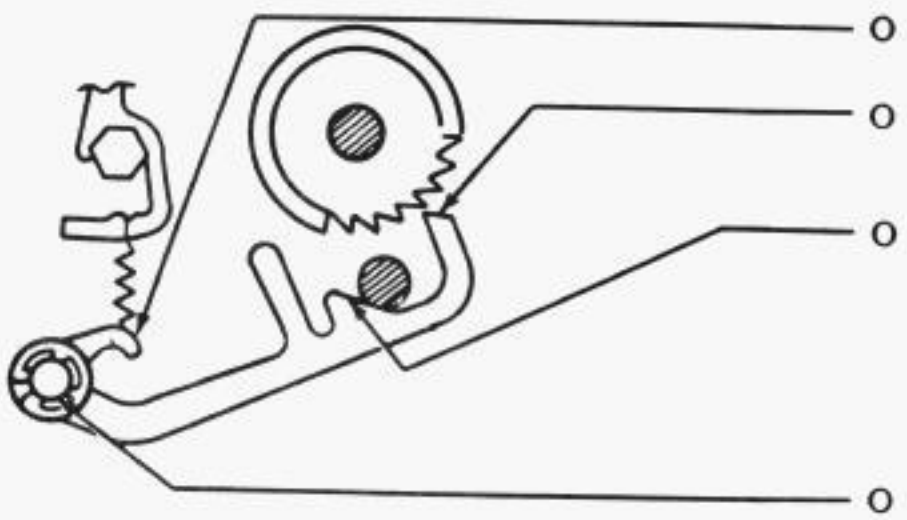
(Left Side View)

2.11 Feed Mechanism



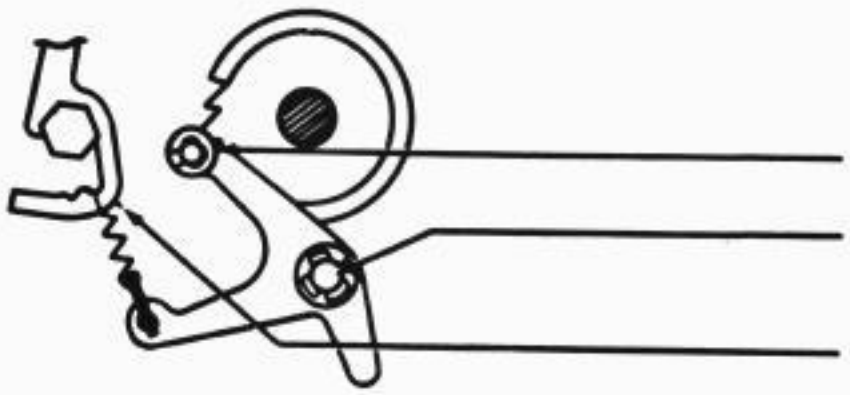
D	Engaging Surface	Nudger
O	Pivot	Post
O	Extension	Nudger
O	Engaging Surface	Feed Pawl
O	Pivot	Feed Pawl
O	Latching Surface	Pawls
O	Engaging Surface	Stripper Bail
O	Engaging Surfaces	Sensing Levers and Pawls
O	Pivot (2)	Pivot Post

2.12 Feed Pawl



O	Hooks (Each End)	Feed Pawl Spring
O	Engaging Surface	Feed Pawl
O	Sliding Surface	Feed Pawl
O	Pivot	Feed Pawl

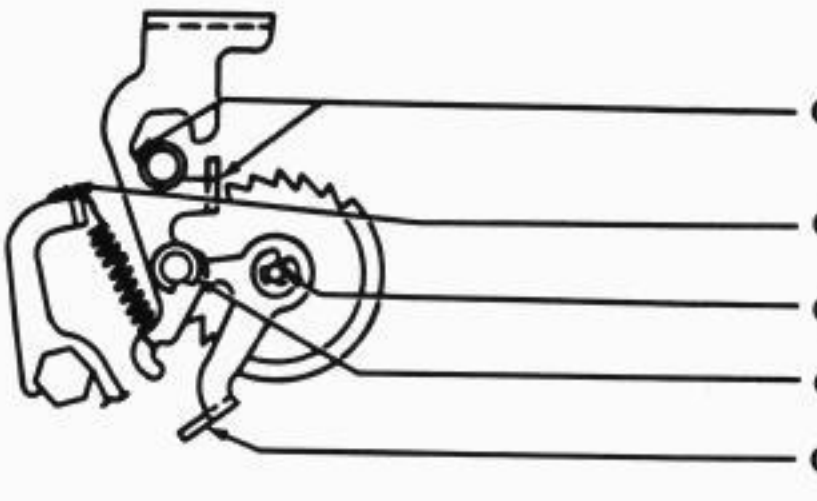
2.13 Detent Lever



O	Roller	Detent Lever
O	Pivot	Detent Lever Shaft
O	Hooks (Each End)	Detent Lever Spring

(Left Side View)

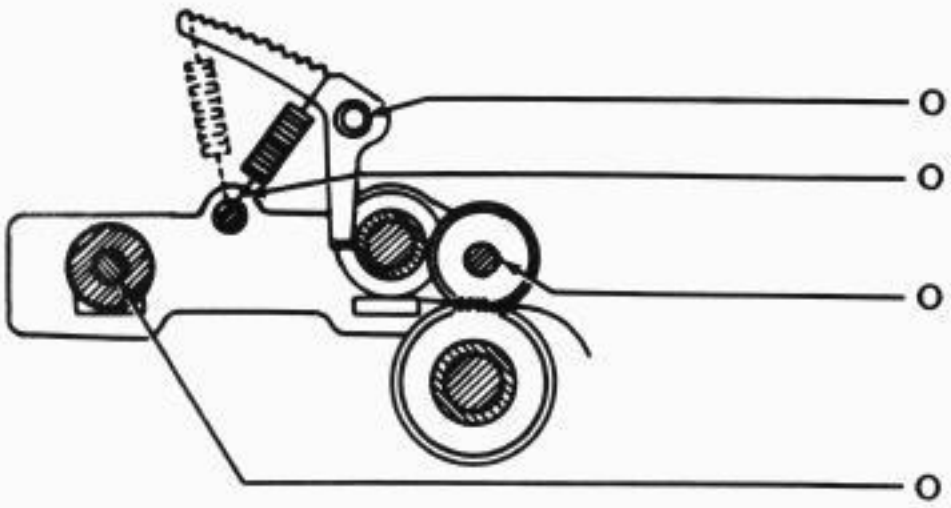
2.14 Backspace Lever



O	Sliding Surface	Backspace Lever
O	Hooks (Each End)	Backspace Lever Spring
O	Pivot	Lever
O	Pivot	Lever
O	Engaging Surface	Lever Extension

(Left Side View)

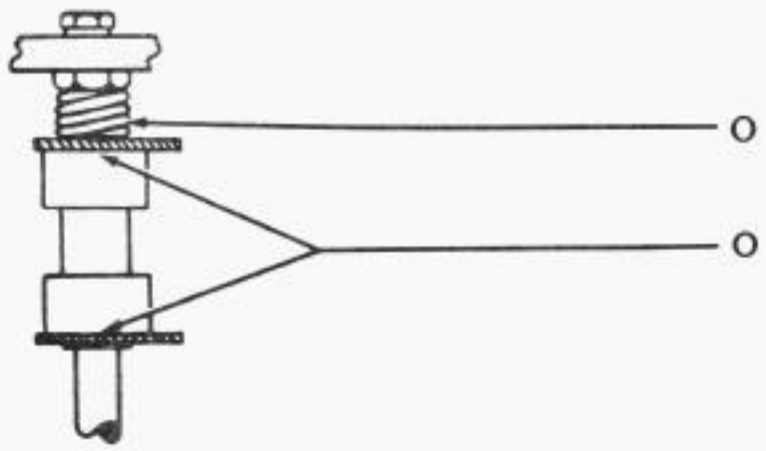
2.15 Tape Guide Assembly



O	Pivot	Arm w/Bushing
O	Hooks (Each End)	Tape Guide Roller Spring
O	Shaft (Both Ends)	Roller
O	Pivots (2)	Rear Roller

(Left Side View)

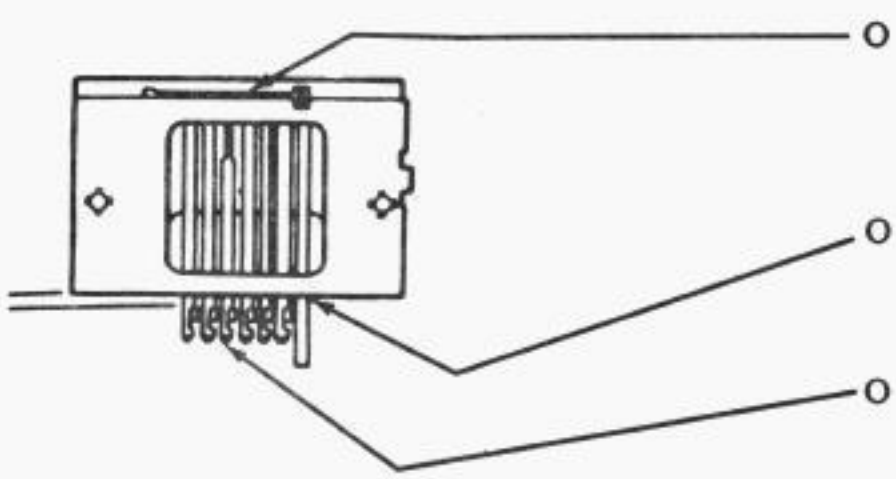
2.16 Tape Guide Roller



(Top View)

O	Compression Spring	Tape Guide Assembly
O	Shaft (Both Ends)	Tape Guide Assembly

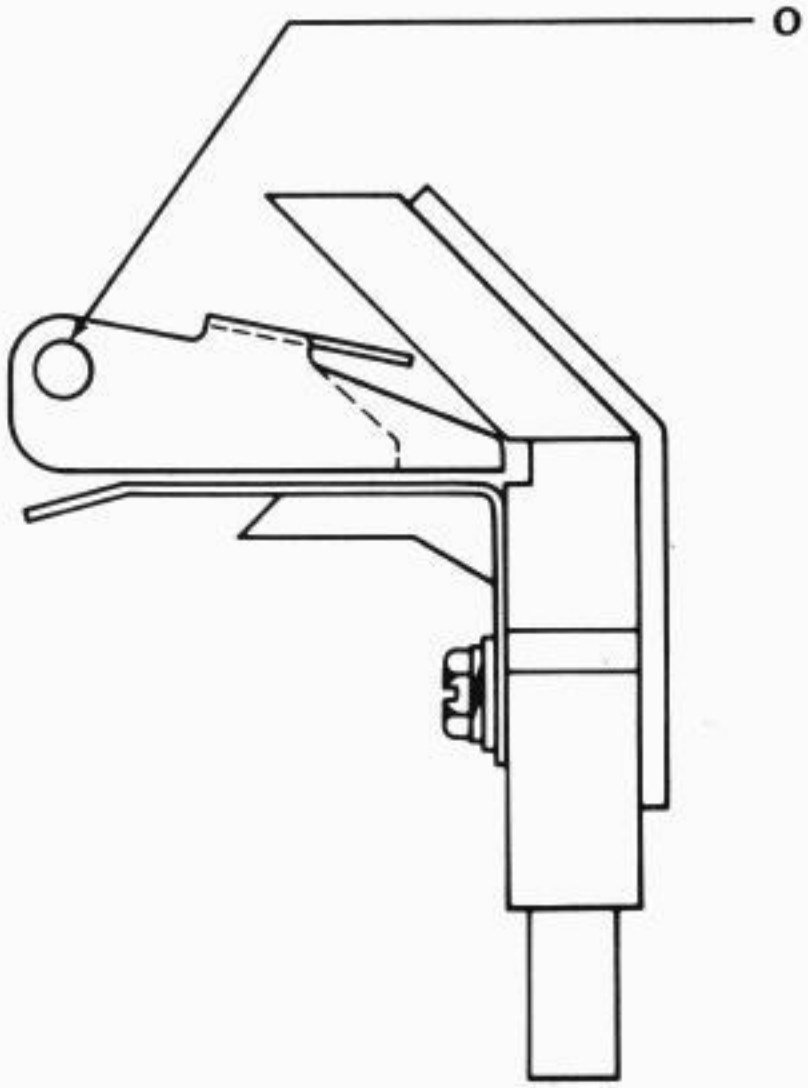
2.17 Punch Block Assembly



O	Sliding Surface (Upper Guide)	Punch Pins
O	Sliding Surface (Lower Guide)	Punch Pins
O	Sliding Surface	Punch Pins

→ 3. VARIATION TO BASIC UNIT

3.01 Tape Guide for Folded Tape



(Left Side View)