32 TAPE PUNCH

LUBRICATION

CONTENTS PAGE

1. GENERAL

1.01 This section provides lubrication requirements for 32 tape punch. It is reissued to include engineering changes. 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. Line drawings follow each photograph and are keyed to the photograph by paragraph numbers.

1.03 Thoroughly lubricate the tape punch, but avoid overlubrication that might permit the lubricant to drip or be thrown onto adjacent parts. Saturate felt washers and oilers with oil.

1.04 Lubricate punch before placing it in storage, or before placing it in service if it had been stored six months or longer. Thereafter, relubricate punch at the following intervals:

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
66	39 wks	26 wks	13 wks
75	39 wks	26 wks	13 wks
100	26 wks	13 wks	6 wks

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

Note 2: Units with serial nos. below 144,000, reduce lubricating intervals 33%. Units with serial nos. above 144,000, use above chart.

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

Symbol	Meaning
D	Keep dry -- no lubricant permitted.
O	Oil (KS7470).

1.06 References to left, right, front, or rear, etc, consider the tape punch to be viewed from a position where the tape guide assembly faces up and the backspace lever is to the viewer's left. Orientation references in the drive link mechanism area consider the drive link to be up and located to the viewer's left.

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

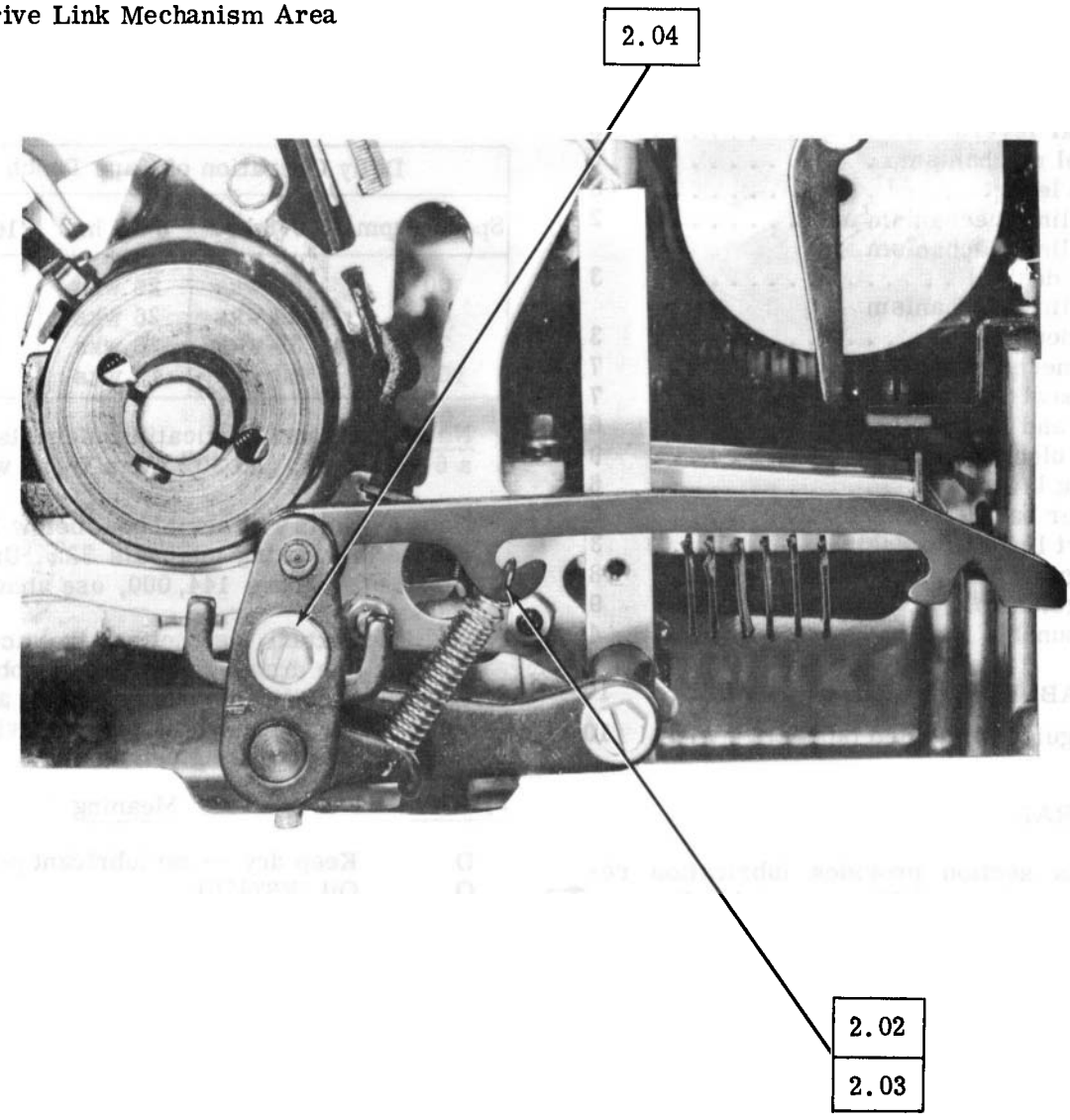
WISE CLEAN PARTS OR SUBASSEMBLIES. A SOFT CLOTH DAMPENED WITH SOAP OR MILD DETERGENT MAY BE USED. RINSE EACH CLEANED PART OF SUBASSEMBLY WITH A SOFT, DAMP CLOTH AND BUFF WITH A SOFT, DRY CLOTH.

1.07 Tools and materials needed for lubrication are listed in Section 570-005-800TC.

1.08 For disassembly and reassembly information refer to Section 574-175-702TC.

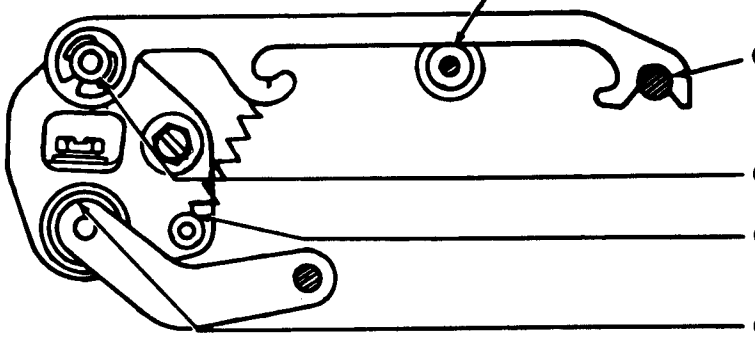
2. BASIC UNIT

2.01 Drive Link Mechanism Area



(Left Side View)

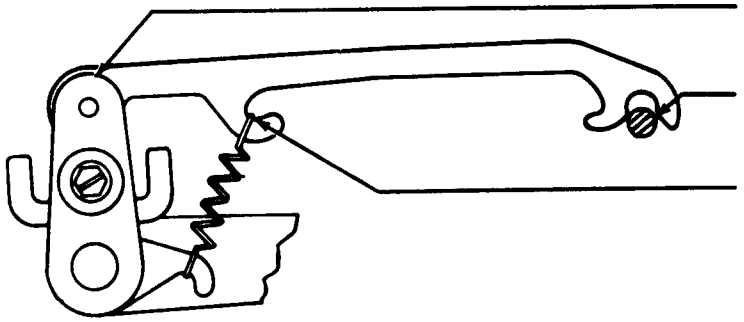
2.02 Drive Link Mechanism (Early Design)



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)

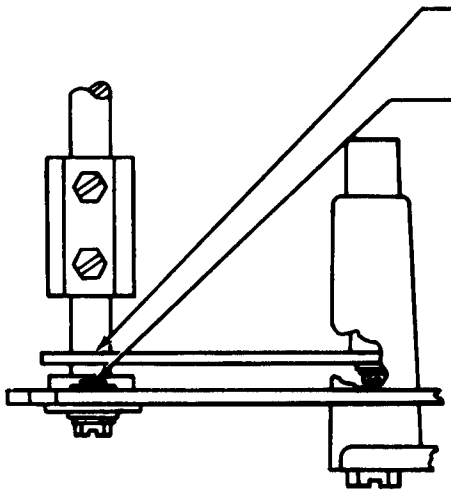
2.03 Drive Link Mechanism (Late Design)



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)

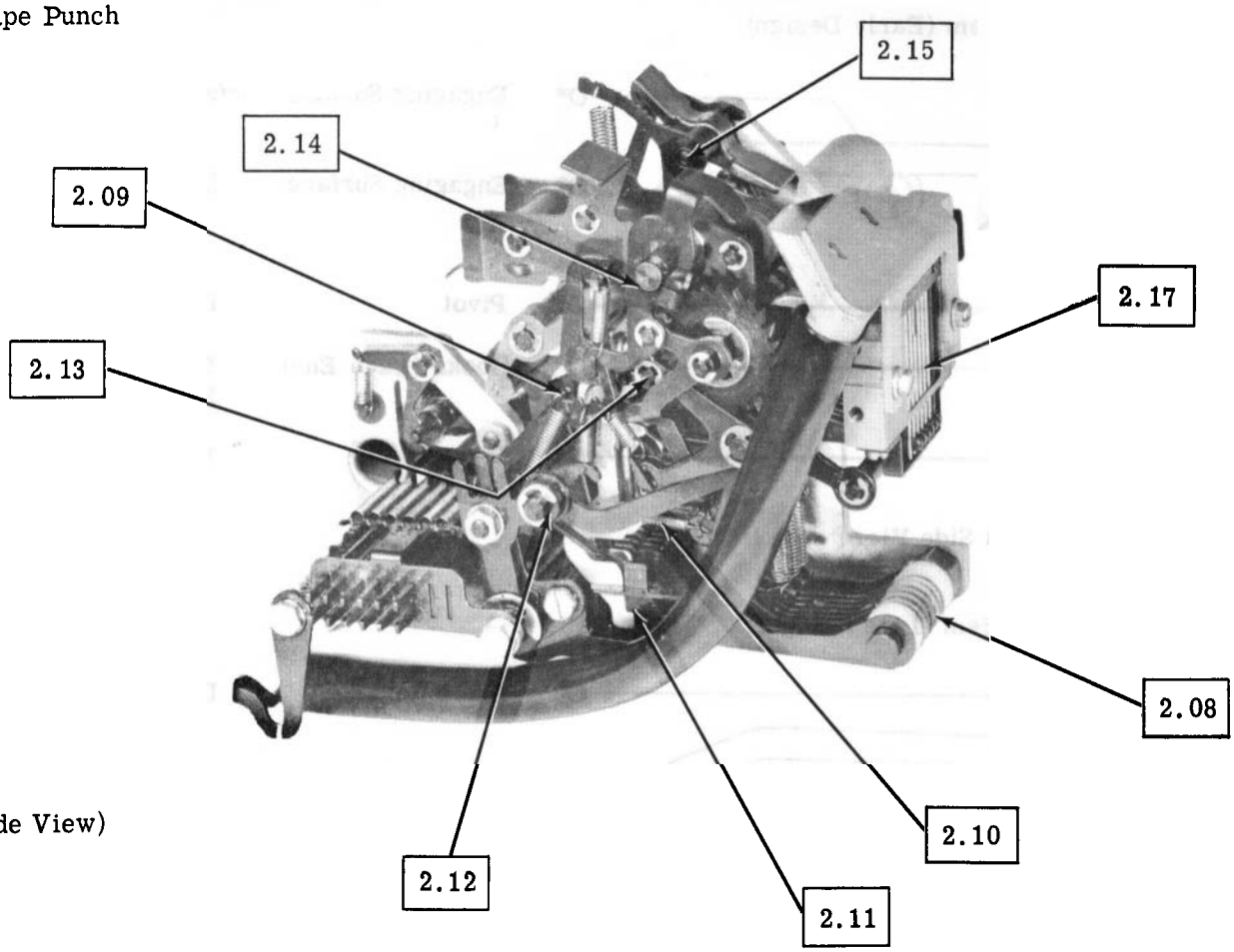


O*	Pivot	Support Link
O	Felt Washer	Plate with Shaft

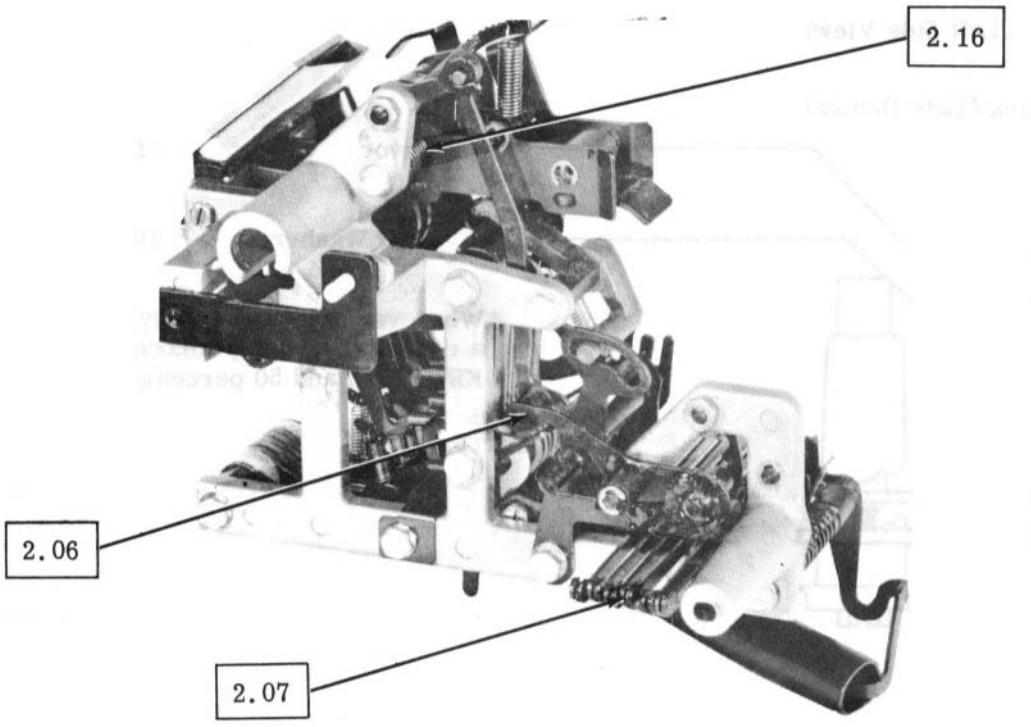
*Whenever unit is overhauled, apply a coat of thoroughly mixed 50 percent KS7470 oil and 50 percent KS7471 grease.

(Top View)

2.05 Tape Punch

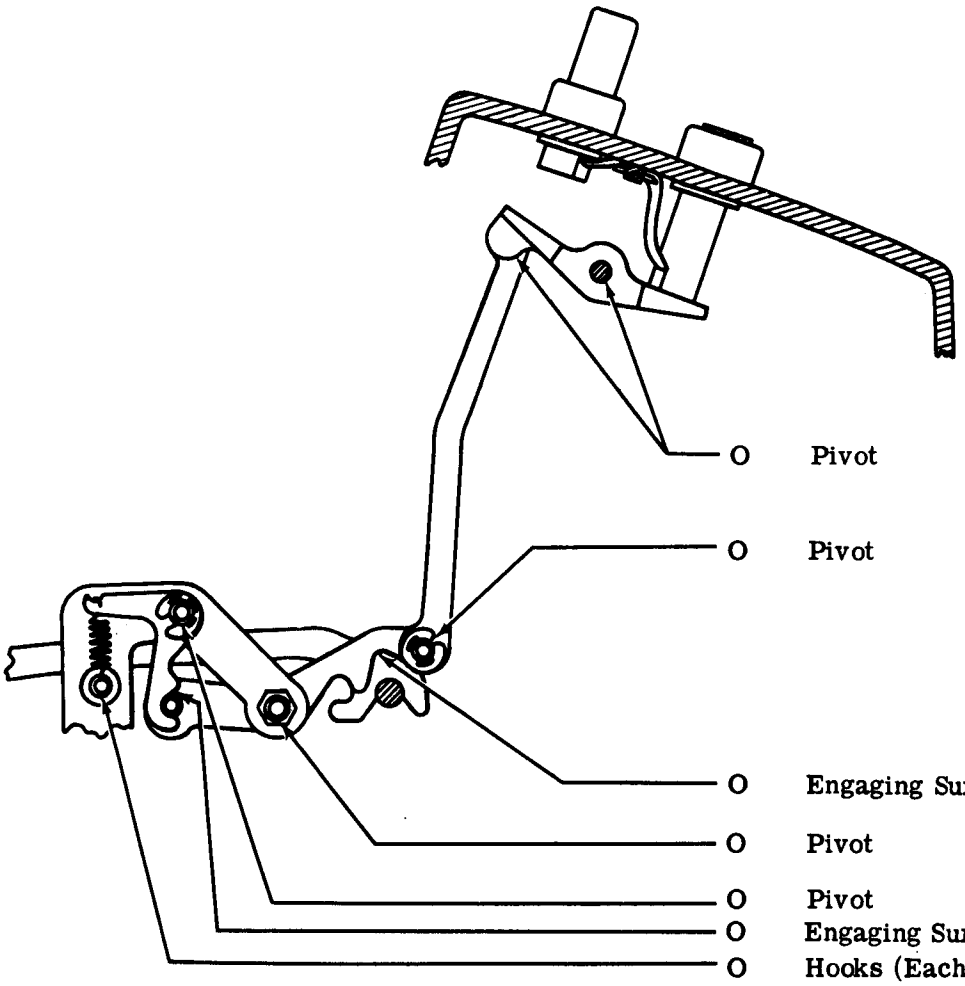


(Left Side View)



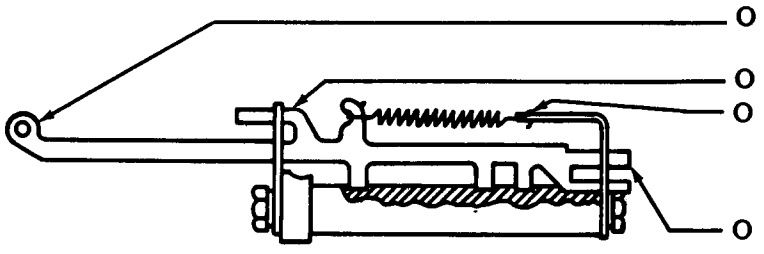
(Right Side View)

2.06 Control Mechanism



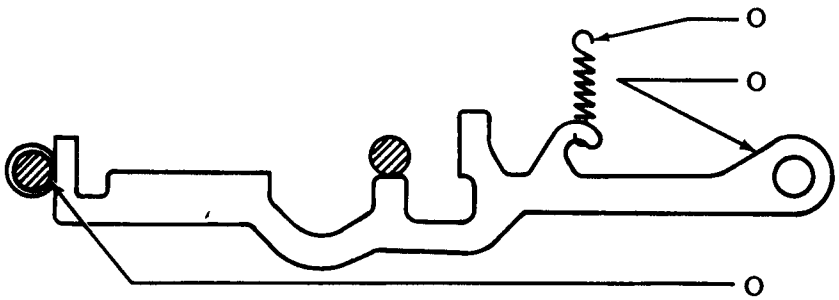
(Left Side View)

2.07 Codebar Levers



(Rear View)

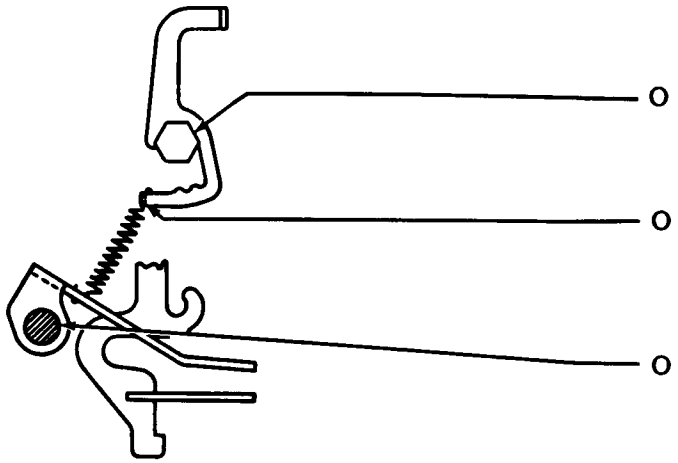
2.08 Sensing Levers



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

(Left Side View)

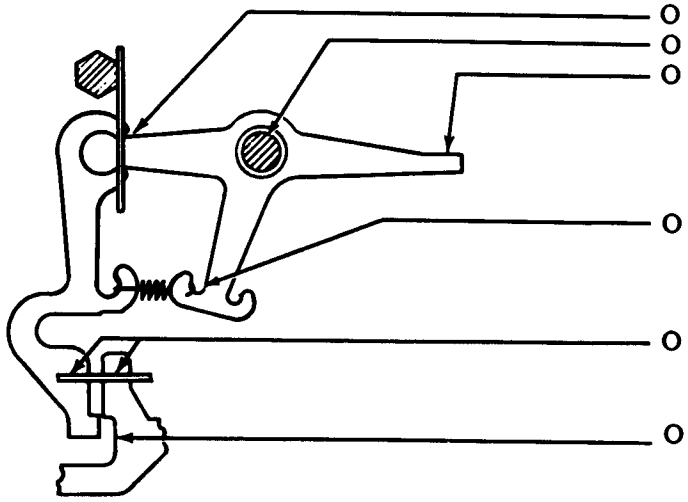
2.09 Stripper Bail



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

(Left Side View)

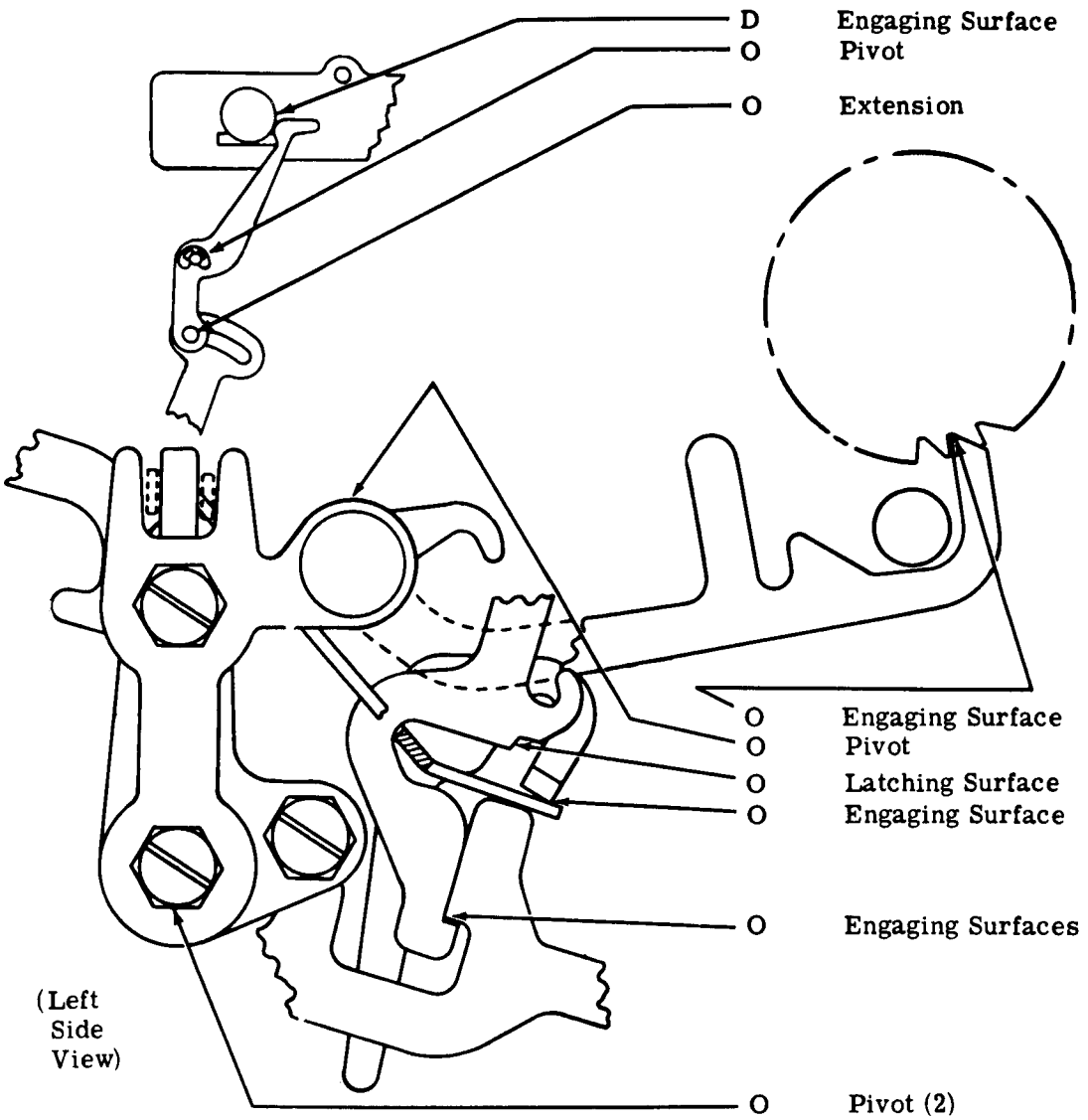
2.10 Pawls and Levers



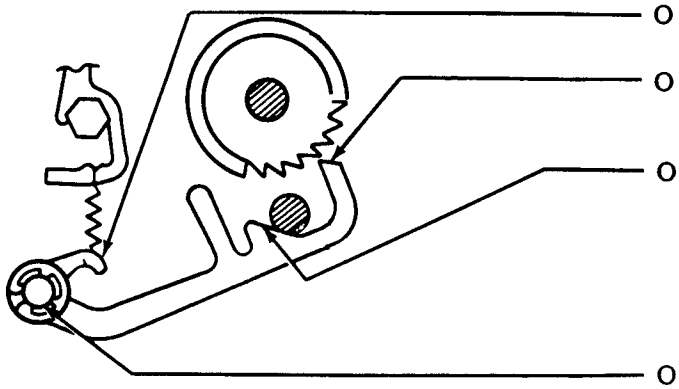
O	Sliding Surfaces	Pawls and Levers
O	Felt Washers	Lever Pivot
O	Engaging Surfaces	Levers
O	Hooks (Each End)	Pawl and Lever Springs
O	Sliding Surfaces	Pawls and Sensing Levers
O	Engaging Surfaces	Pawls and Sensing Lever

(Left Side View)

2.11 Feed Mechanism

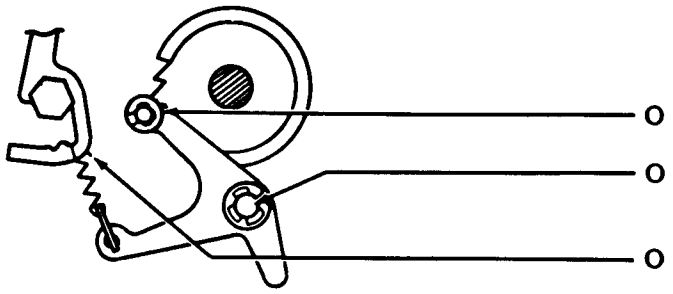


2.12 Feed Pawl



(Left Side View)

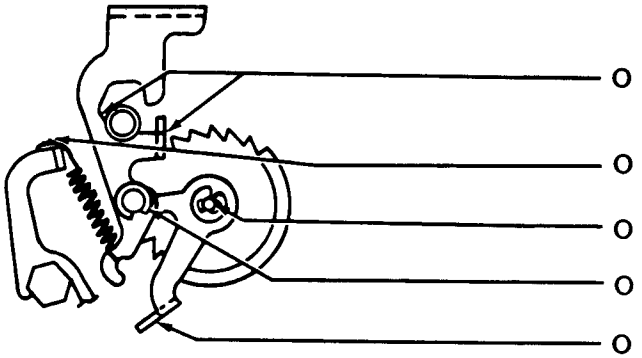
2.13 Detent Lever



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

(Left Side View)

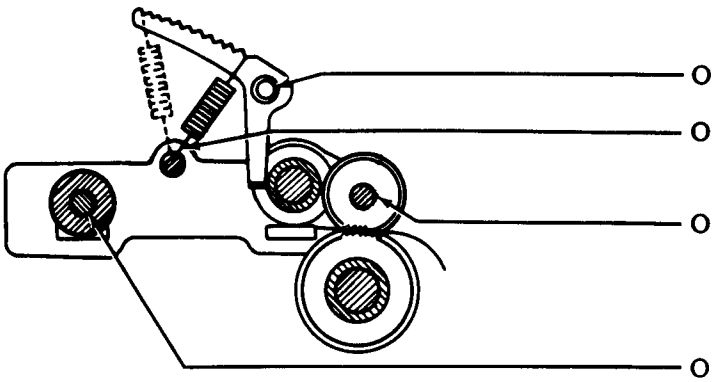
2.14 Backspace Lever



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)

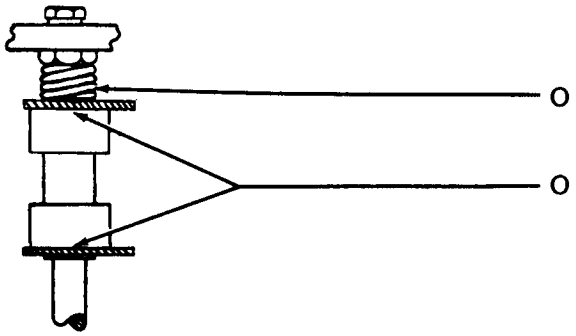
2.15 Tape Guide Assembly



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)

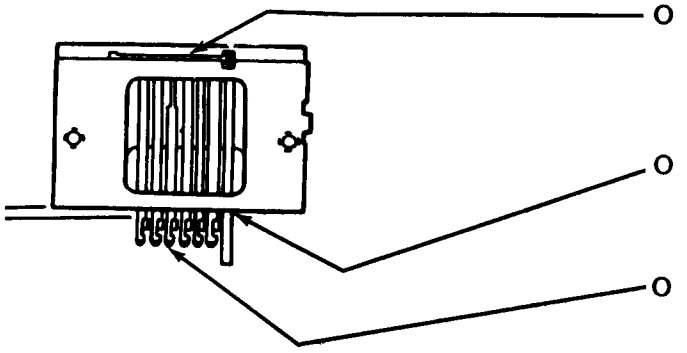
2.16 Tape Guide Roller



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

(Top View)

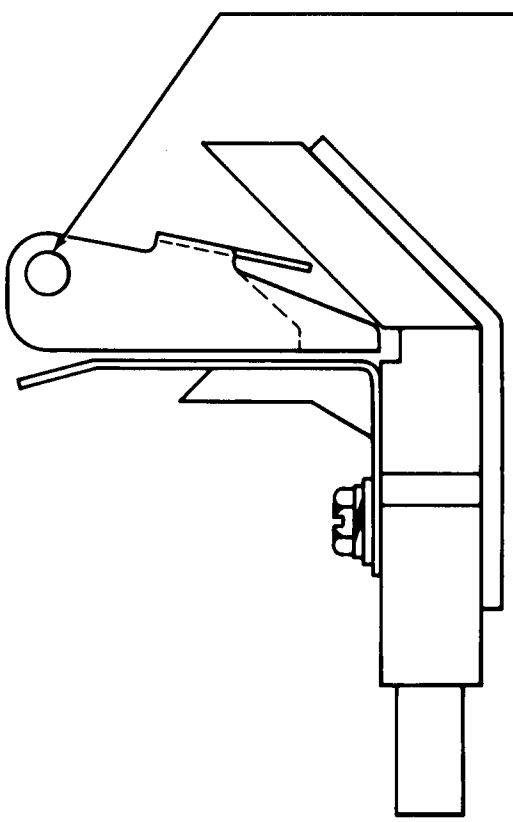
2.17 Punch Block Assembly



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

3. VARIABLE FEATURE

3.01 Tape Guide for Folded Tape



(Left Side View)