

33 TAPE READER

LUBRICATION

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to make sure no areas have been missed. Thereafter, lubricate the tape reader at regular intervals as indicated below:

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

*Station Set operating hours.
**Whichever comes first.

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:

<u>Symbol</u>	<u>Meaning</u>
D	Keep dry --- no lubricant permitted.
G	Apply thin coat of KS7471 grease.
L	Apply thin coat of Lubriplate 105 (2 oz tube TP108805).
O	Oil (KS7470 oil).

1.06 References to left, right, front, or rear, etc, consider the tape reader to be viewed from a position where the feed wheel faces up and the lid latch is to the viewer's right. Orientation references in the clutch trip area consider the armature extension to be facing up with the contact bracket pry points 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

1. GENERAL

1.01 This section contains lubrication requirements for the tape reader. It is reissued to provide exclusive and updated 33 tape reader information. Since this is a general revision, marginal arrows used to indicate changes have been omitted.

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 and textual instructions follow each photograph and are keyed to the photograph by paragraph numbers.

1.03 Thoroughly lubricate the tape reader, but avoid over lubrication that might permit the lubricant to drip or be thrown onto adjacent parts. Saturate all felt washers.

1.04 Lubricate the tape reader before placing it into service or prior to storage. After a short period of service, relubricate it

OR OTHERWISE CLEAN PARTS OR SUBASSEMBLIES. A SOFT CLOTH DAMPENED WITH SOAP OR MILD DETERGENT MAY BE USED. RINSE WITH A SOFT, DAMPCLOTH AND BUFF WITH A SOFT, DRY CLOTH.

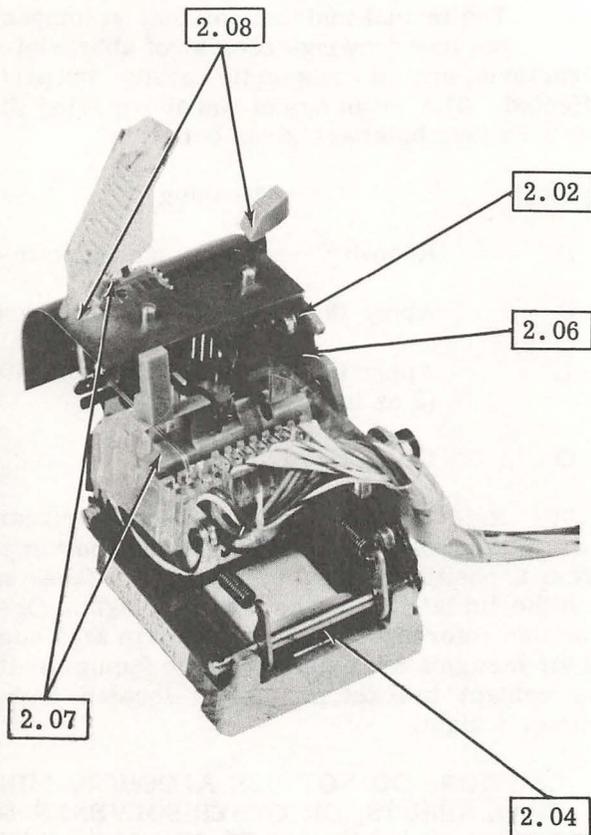
1.08 For disassembly and reassembly information, refer to Section 574-124-702.

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

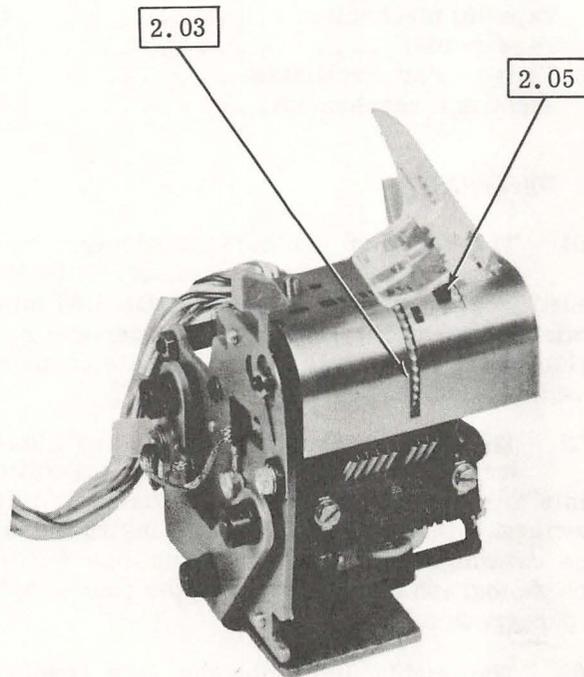
CAUTION: REMOVE ALL ELECTRICAL POWER FROM UNIT BEFORE LUBRICATING OR DISASSEMBLING COMPONENTS.

2. BASIC UNIT

2.01 Tape Reader

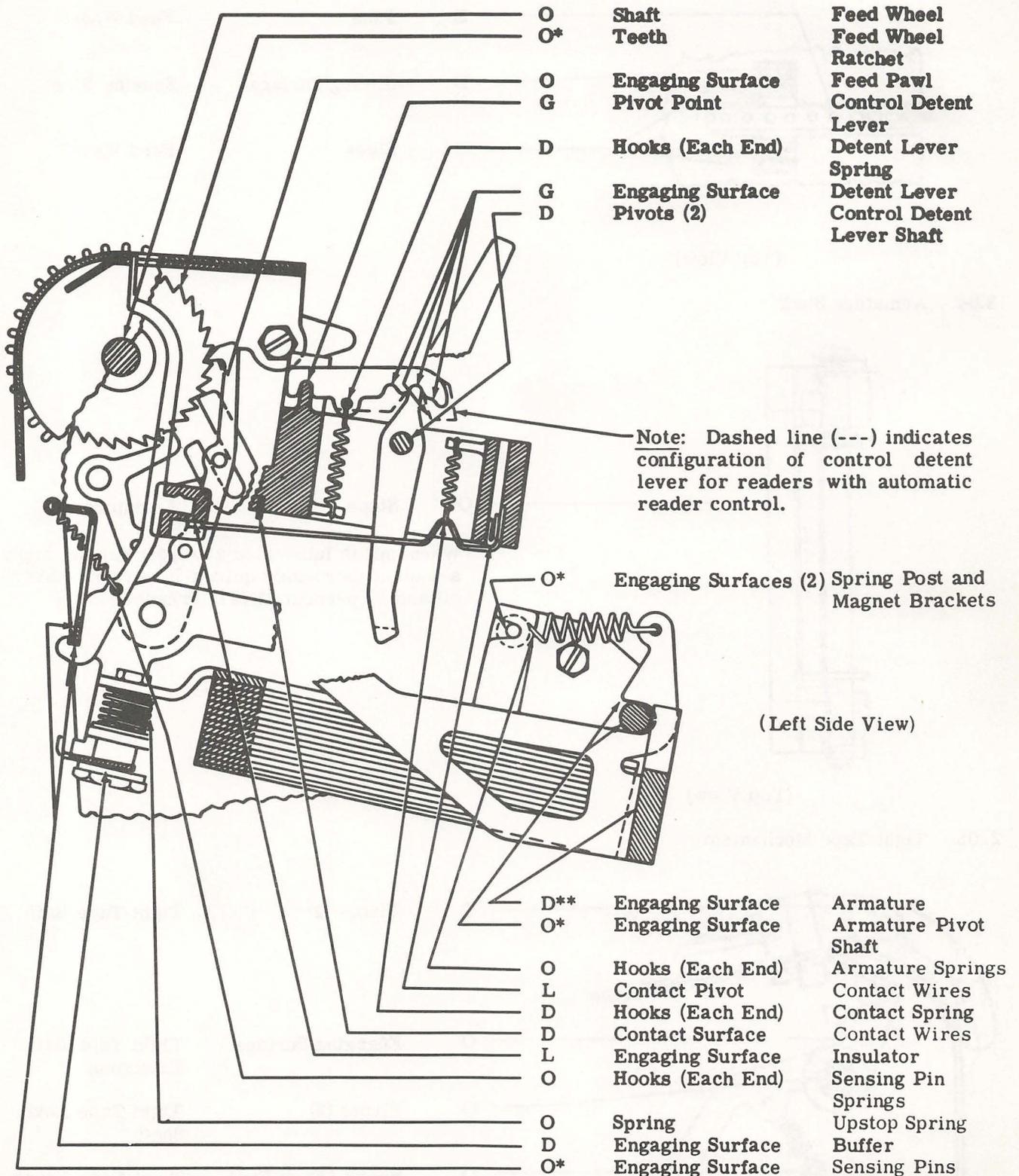


(Left Front View)



(Right Rear View)

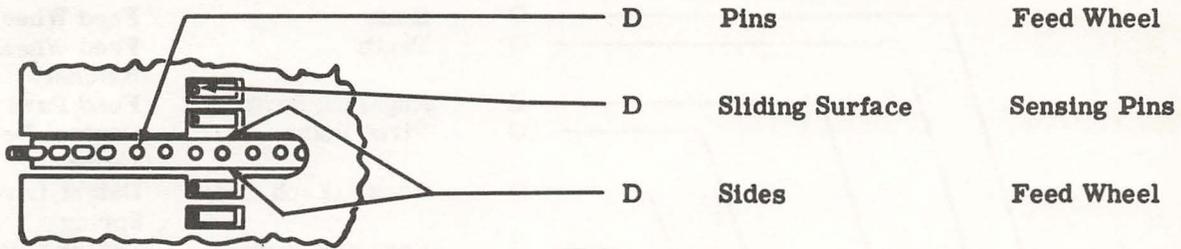
2.02 Tape Reader Mechanism



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

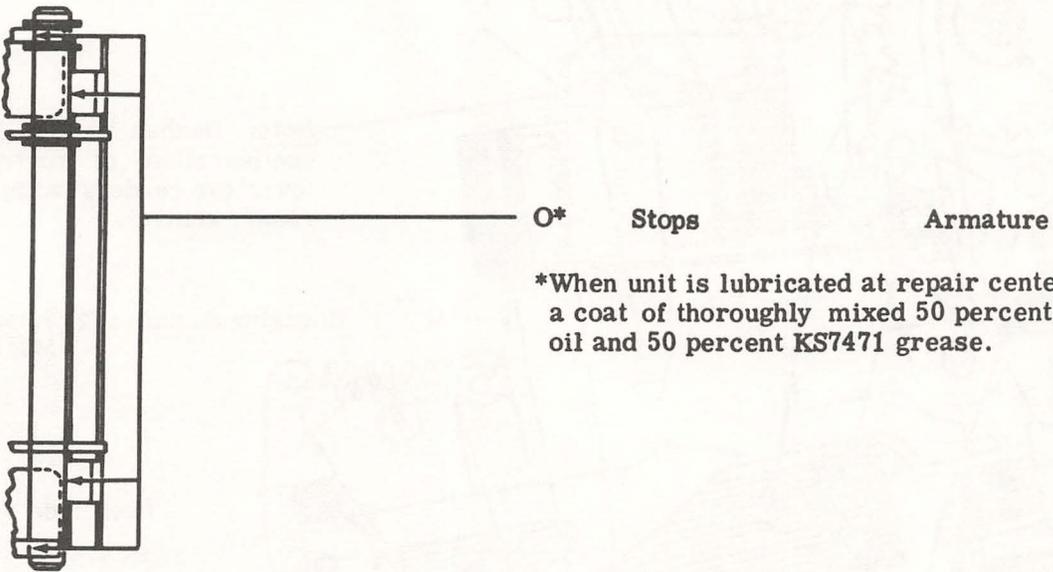
**Some oil leakage on this surface is permissible.

2.03 Feed Wheel



(Top View)

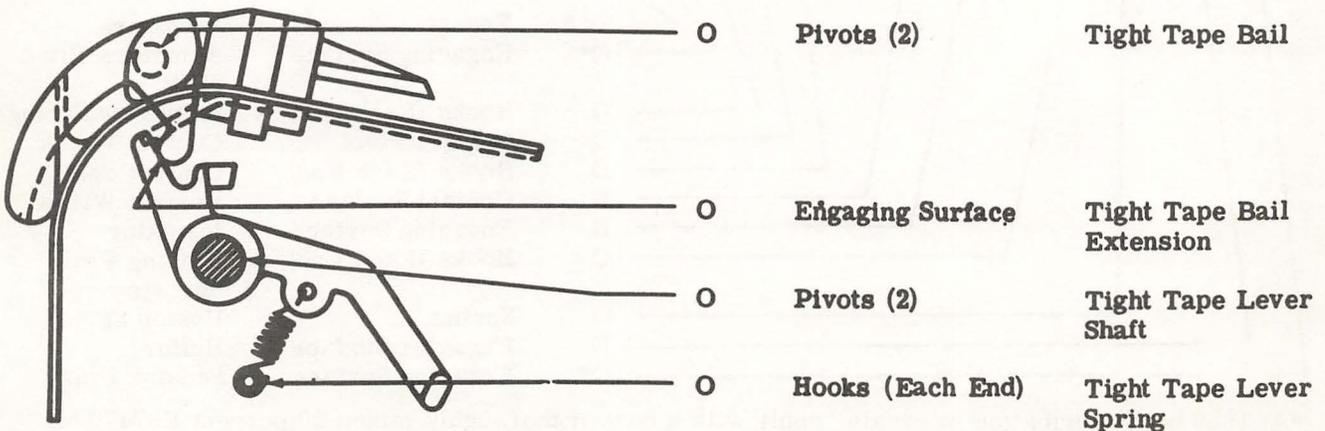
2.04 Armature Shaft



*When unit is lubricated at repair center, apply a coat of thoroughly mixed 50 percent KS7470 oil and 50 percent KS7471 grease.

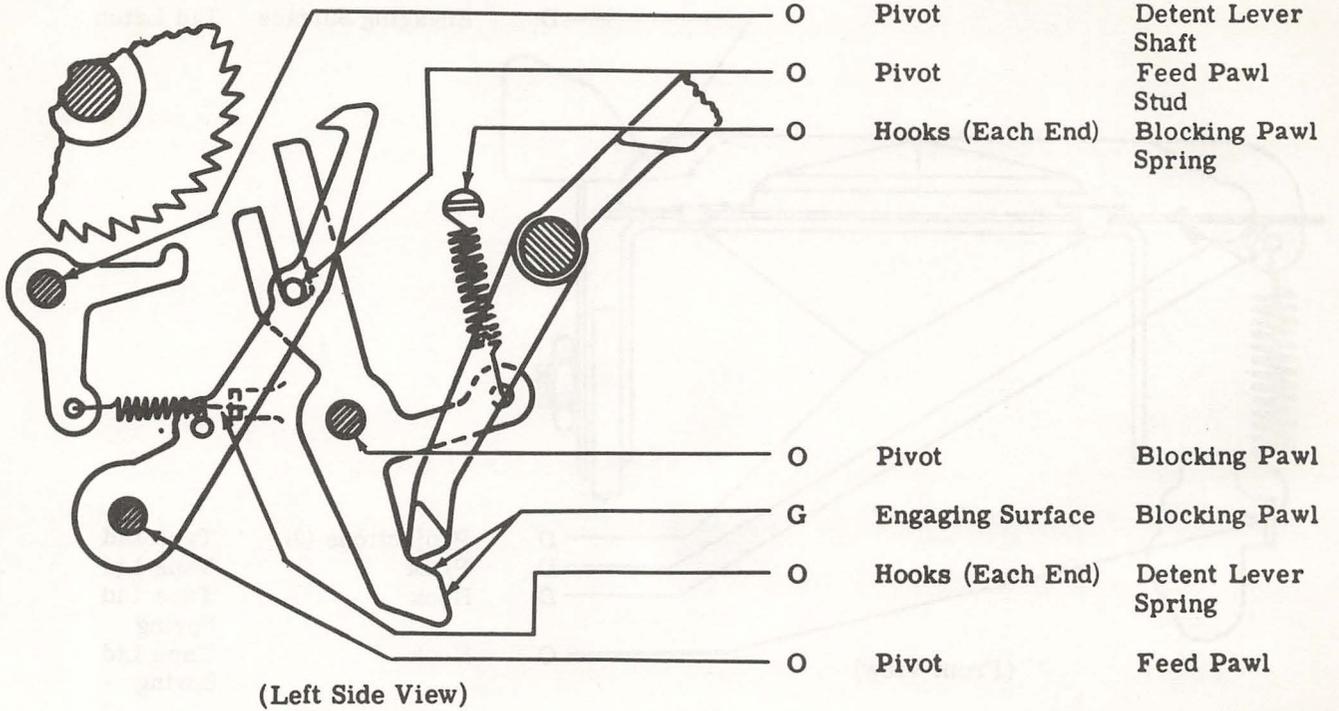
(Top View)

2.05 Tight Tape Mechanism

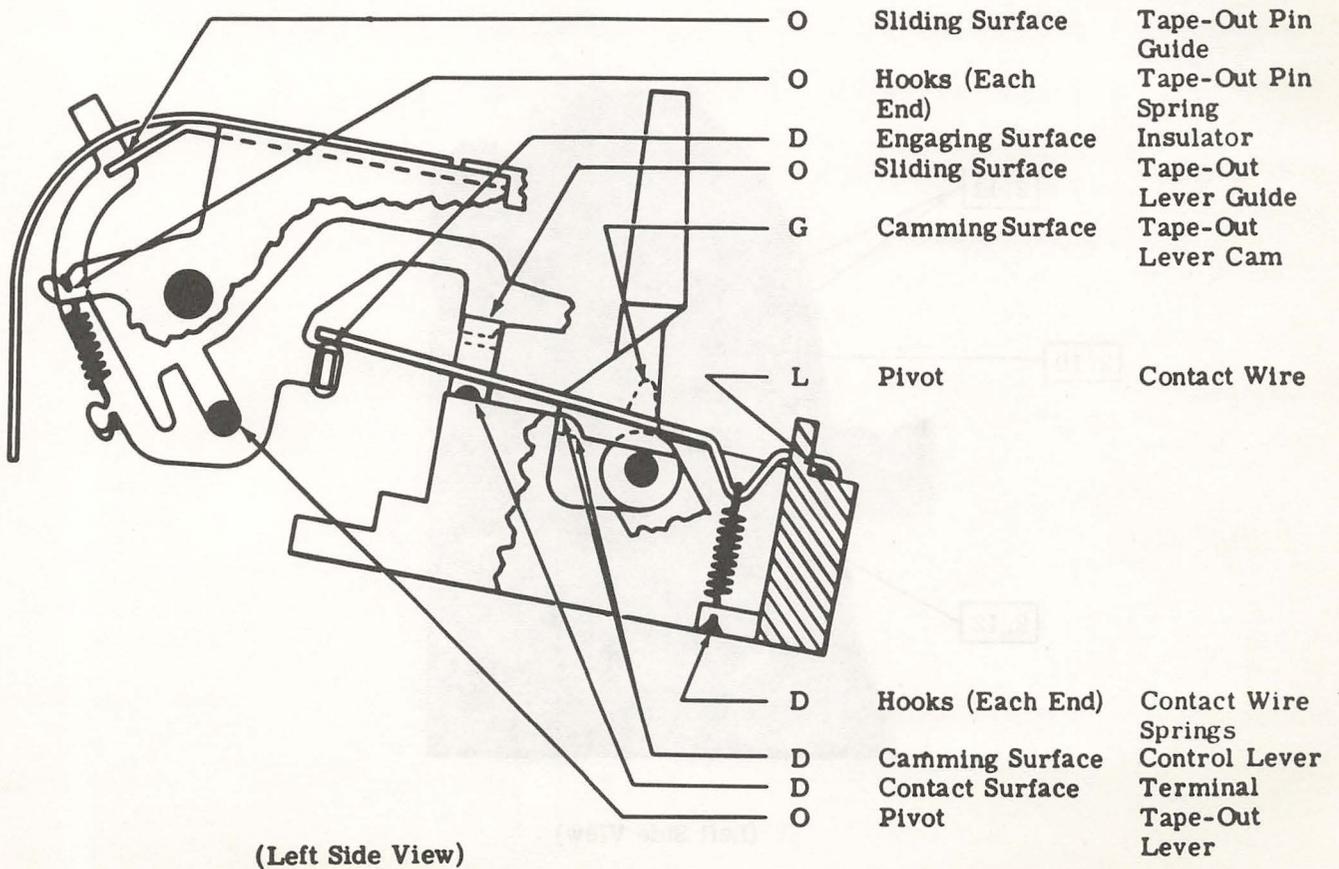


(Left Side View)

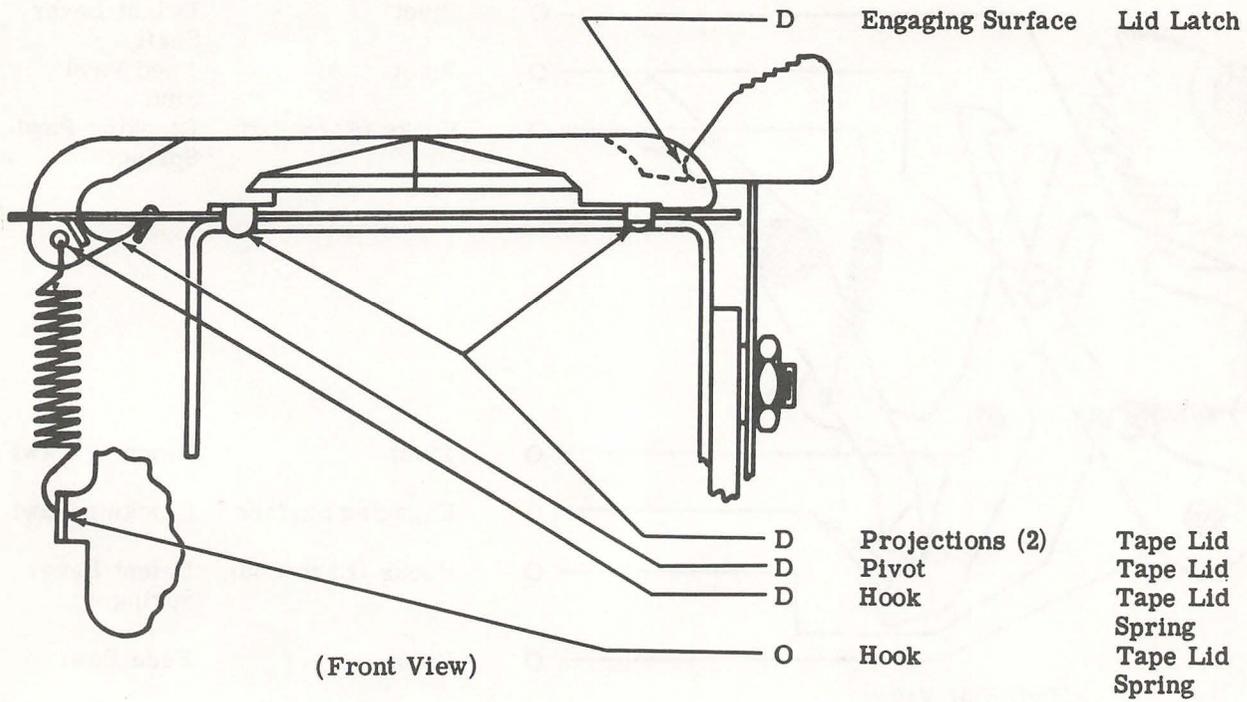
2.06 Feed Pawl Mechanism



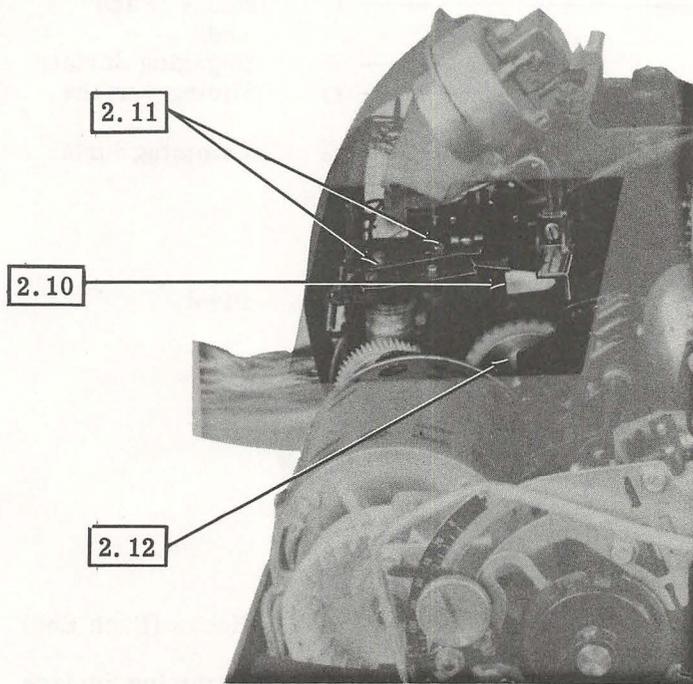
2.07 Control Mechanism



2.08 Tape Lid Mechanism

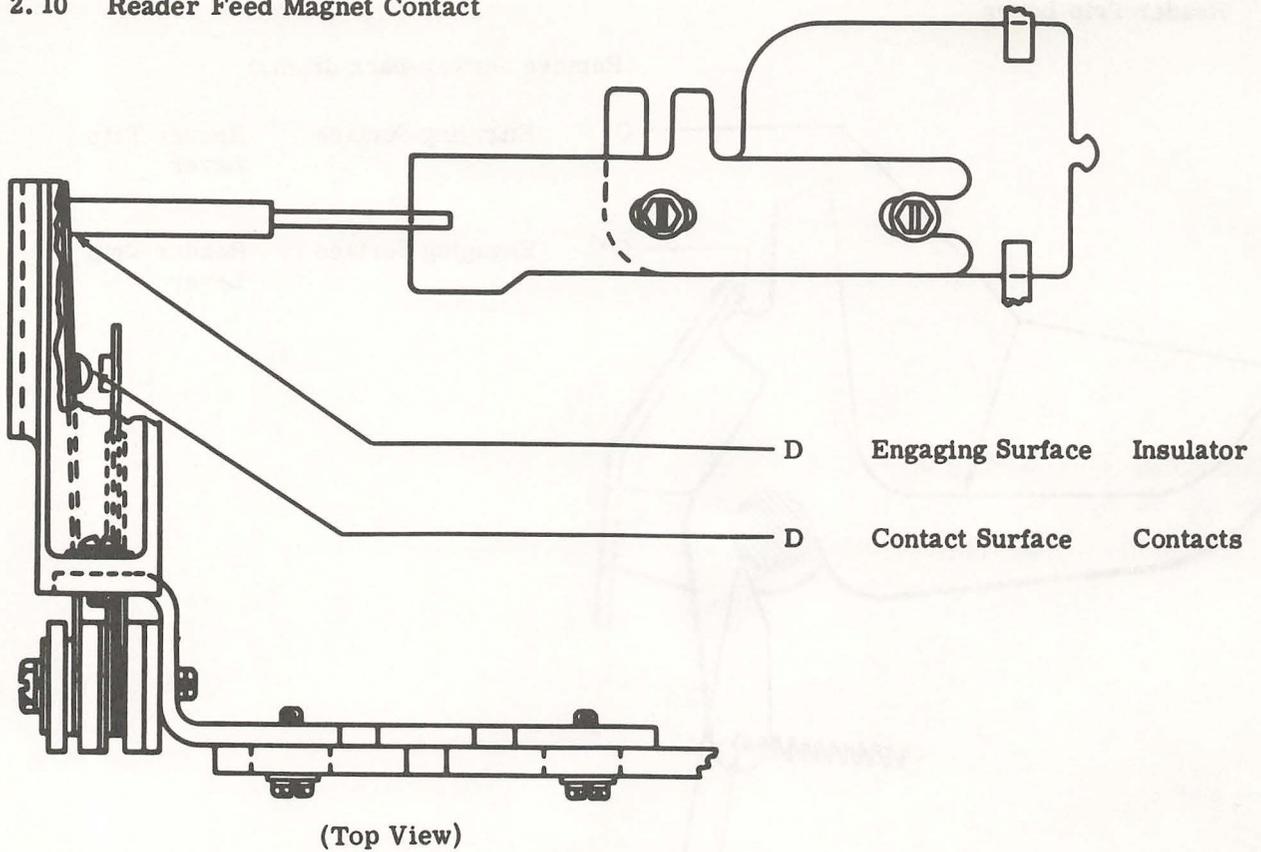


2.09 Clutch Trip Area

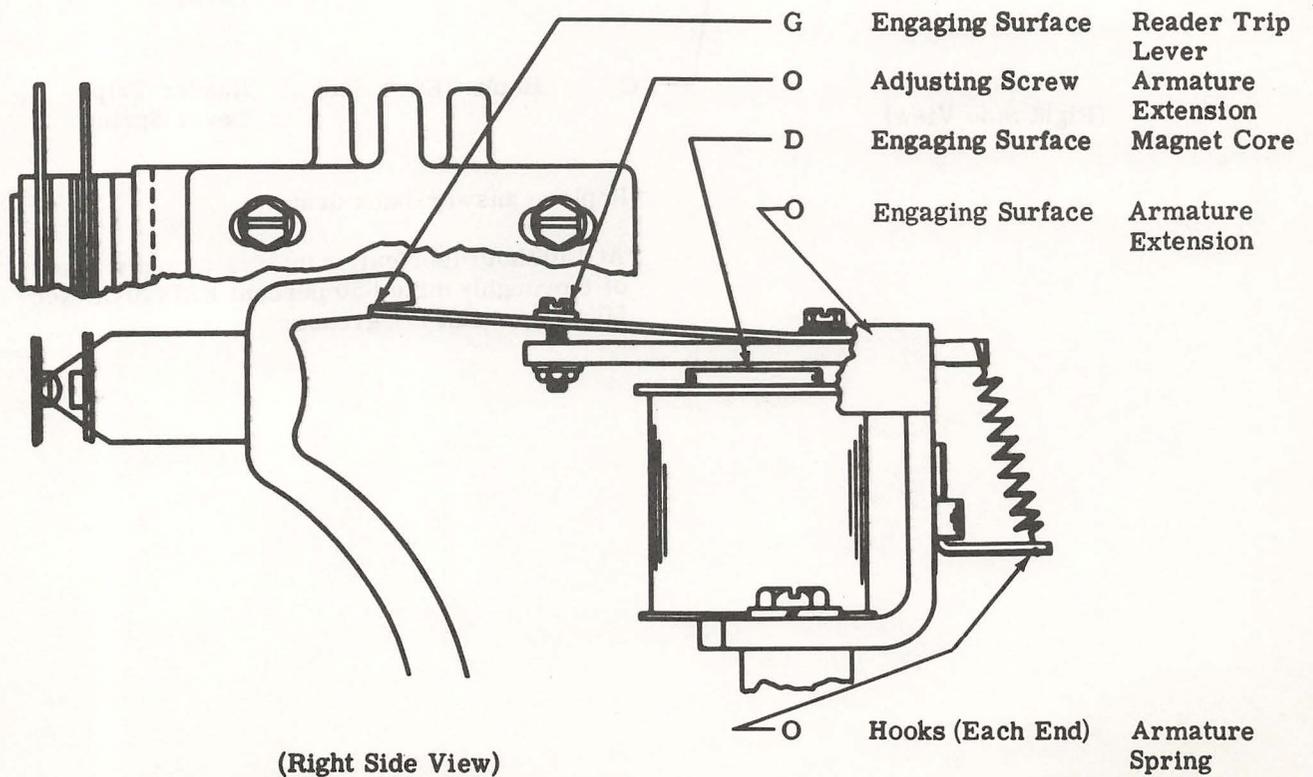


(Left Side View)

2. 10 Reader Feed Magnet Contact

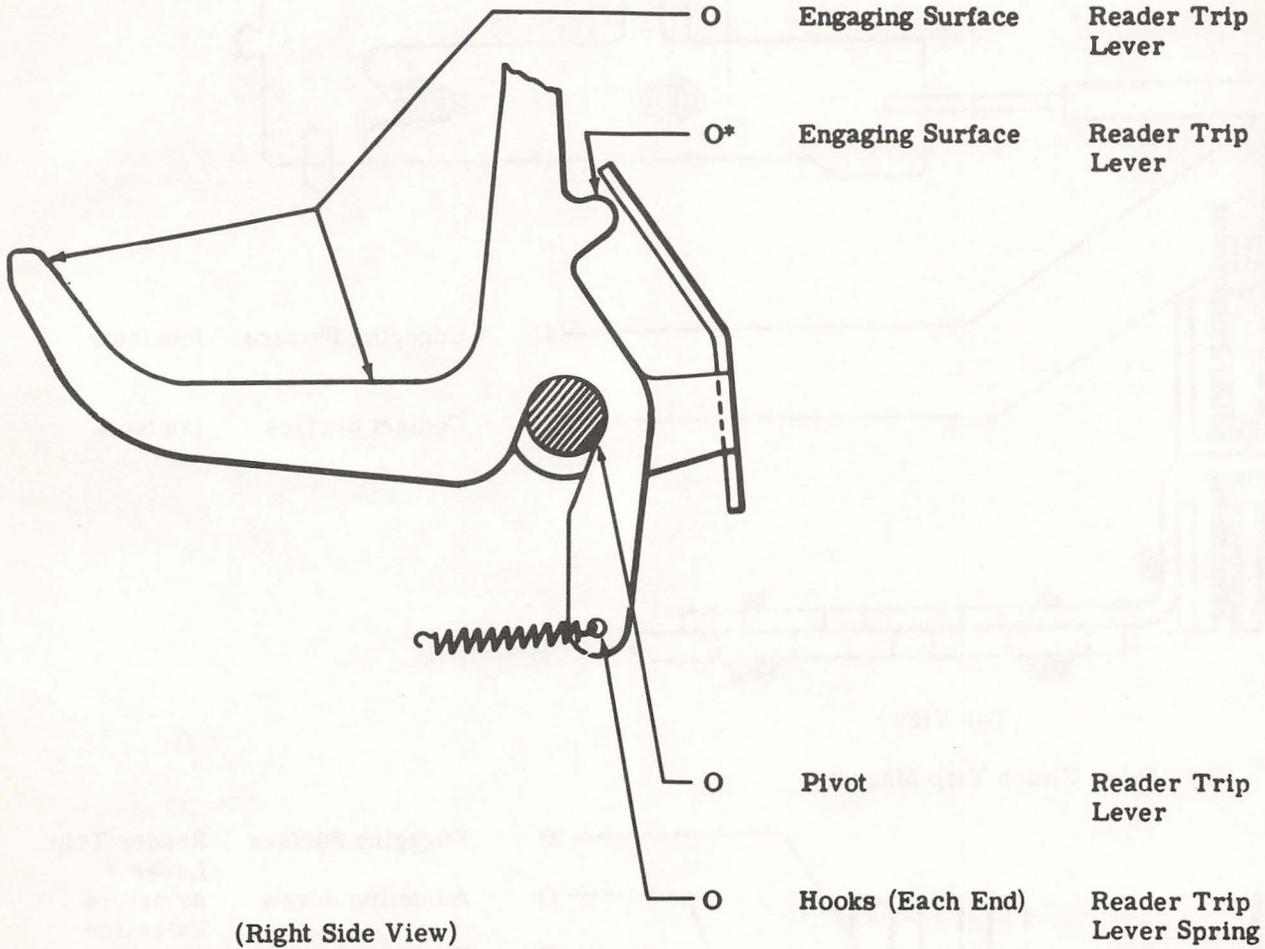


2. 11 Distributor Clutch Trip Magnet



2.12 Reader Trip Lever

(Remove answer-back drum.)



(Replace answer-back drum.)

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