

38 READER

LUBRICATION

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1. GENERAL

1.01 This section provides lubrication procedures for the Model 38 Reader. It is reissued to change the lubrication interval in 1.04. To remove the reader as a unit from the teletypewriter, refer to Section 574-400-702TC.

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

1.03 Lubricate the reader thoroughly. Apply oil 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.

1.04 Lubricate the reader before placing it in service, and just before placing it in storage. After about 100 to 200 operating hours, relubricate reader. Thereafter, lubricate every 750 operating hours or six months, whichever occurs first.

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

<u>SYMBOL</u>	<u>MEANING</u>
D	Dry — no lubricant permitted
G	Grease — apply KS7471 grease as instructed
L	Lubriplate — apply 108805 Lubriplate as instructed
O	Oil — apply KS7470 oil as instructed

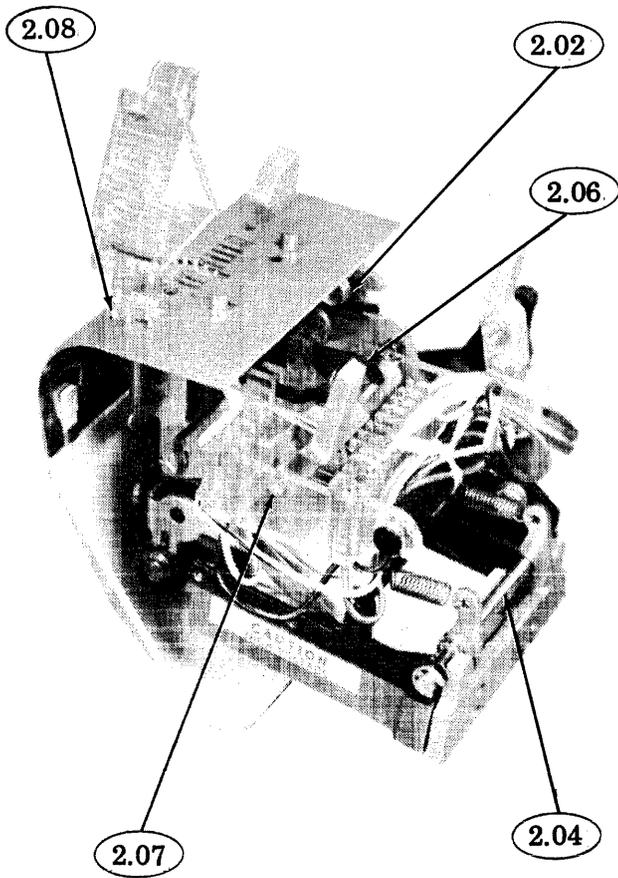
NOTE: Quantity of lubricant is normally given in the text associated with the mechanism.

1.06 References to front, rear, left, right, etc, are made viewing the reader from its normal operating position.

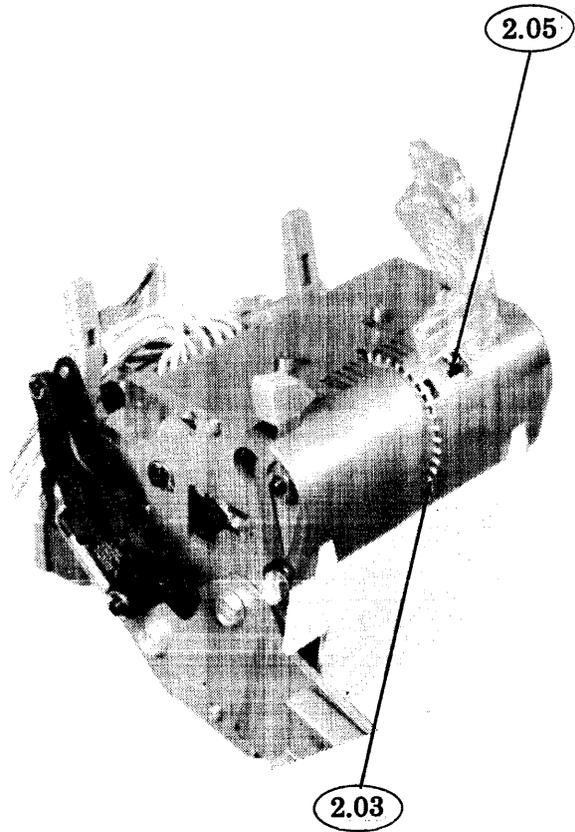
CAUTION: DISCONNECT POWER BEFORE APPLYING ANY LUBRICANT. DO NOT USE SOLVENTS TO CLEAN PLASTIC PARTS OR PROTECTIVE FINISHES. USE A SOFT DRY CLOTH. IF NECESSARY, USE A SOFT DAMP CLOTH WITH MILD DETERGENT, THEN RINSE AND BUFF WITH A SOFT DRY CLOTH.

2. BASIC UNIT

2.01 Tape Reader

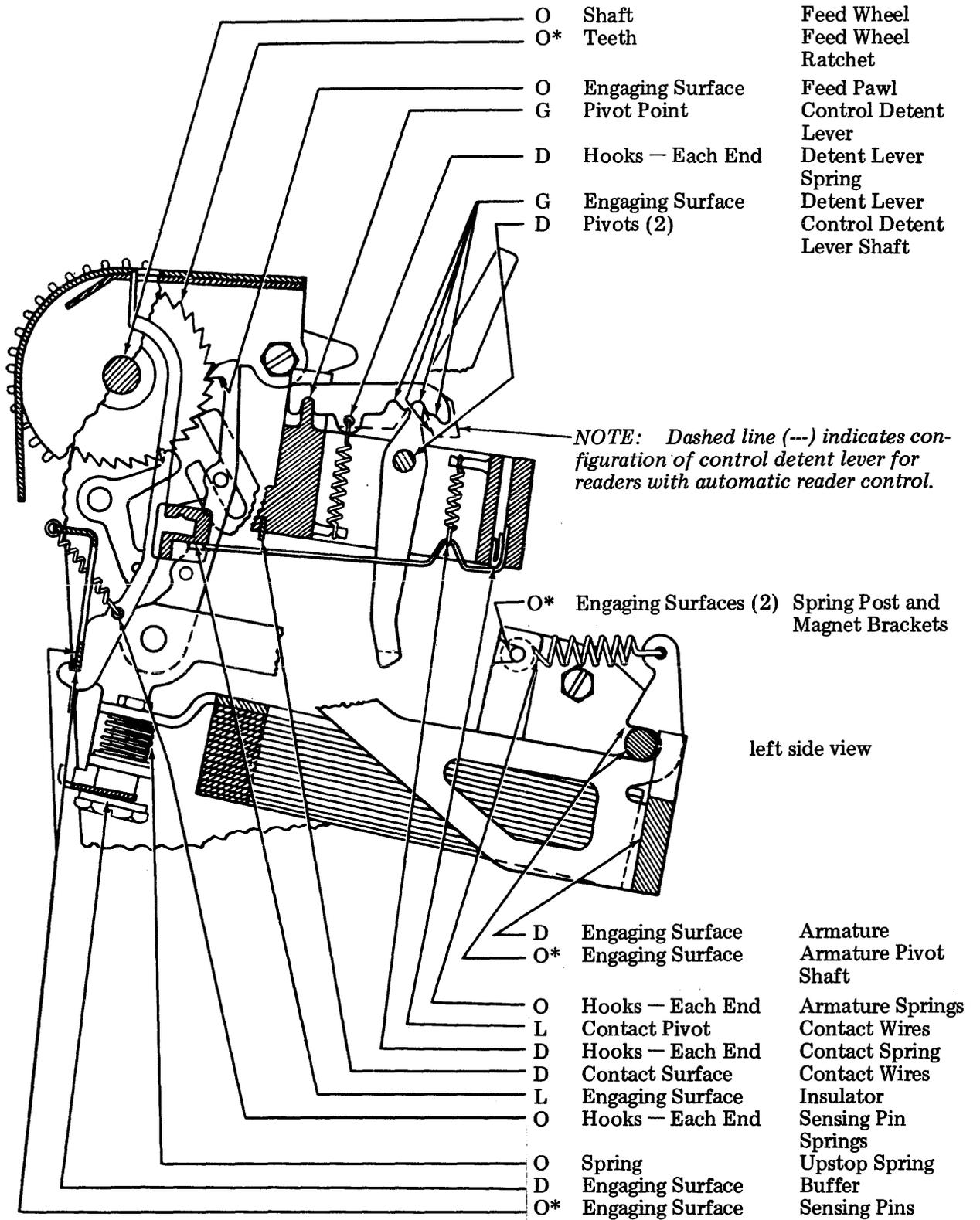


left front view



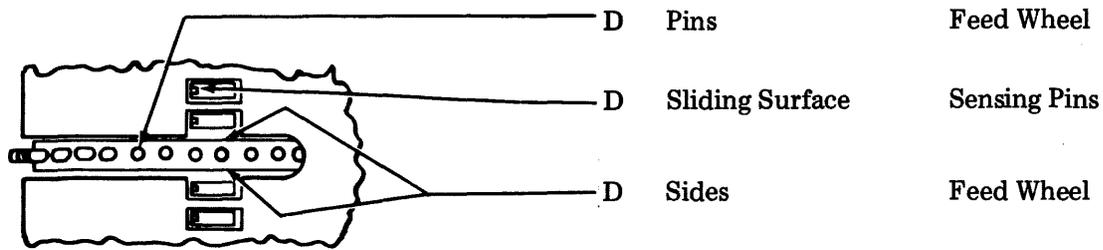
right rear view

2.02 Tape Reader Mechanism



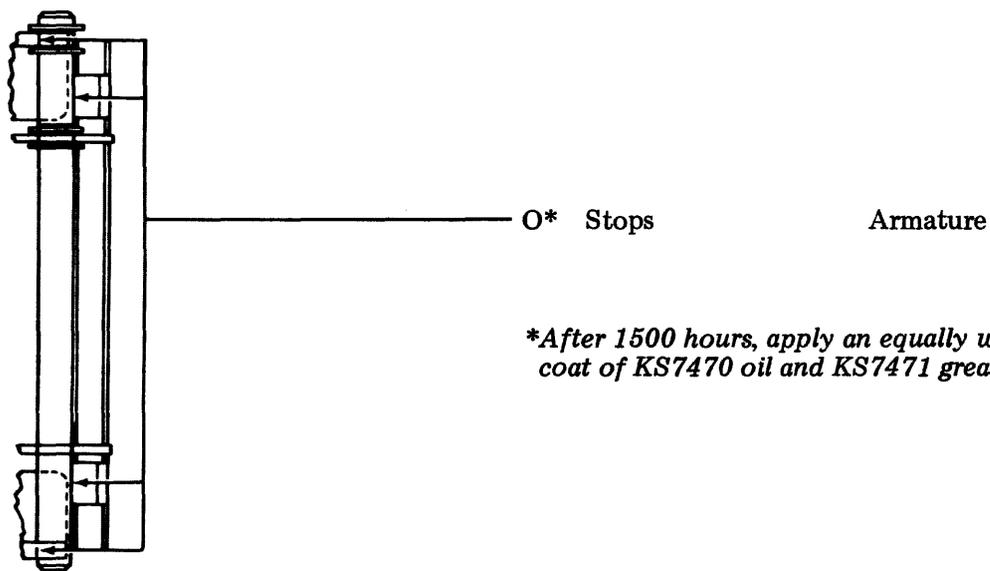
**After 1500 hours, apply an equally well-mixed coat of KS7470 oil and KS7471 grease.*

2.03 Feed Wheel



top view

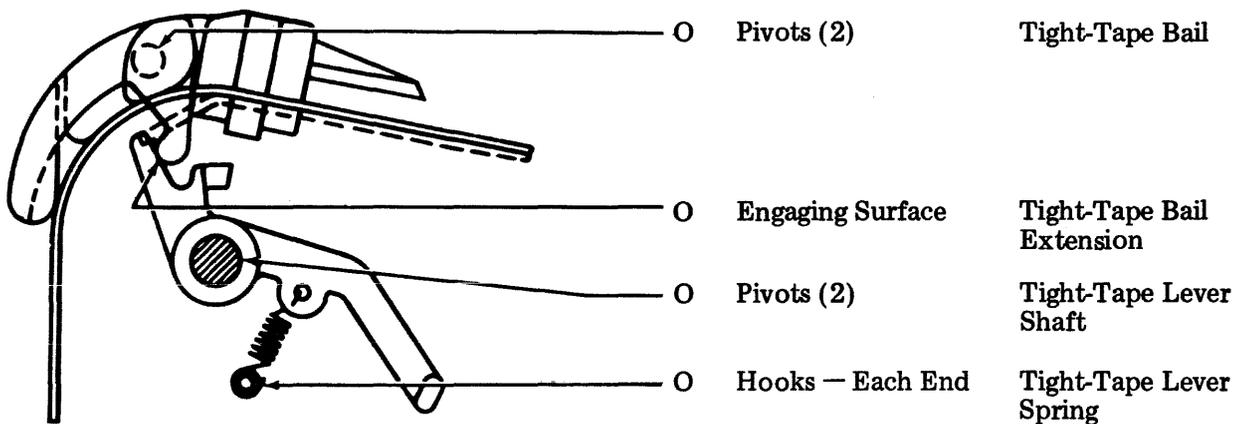
2.04 Armature Shaft



**After 1500 hours, apply an equally well-mixed coat of KS7470 oil and KS7471 grease.*

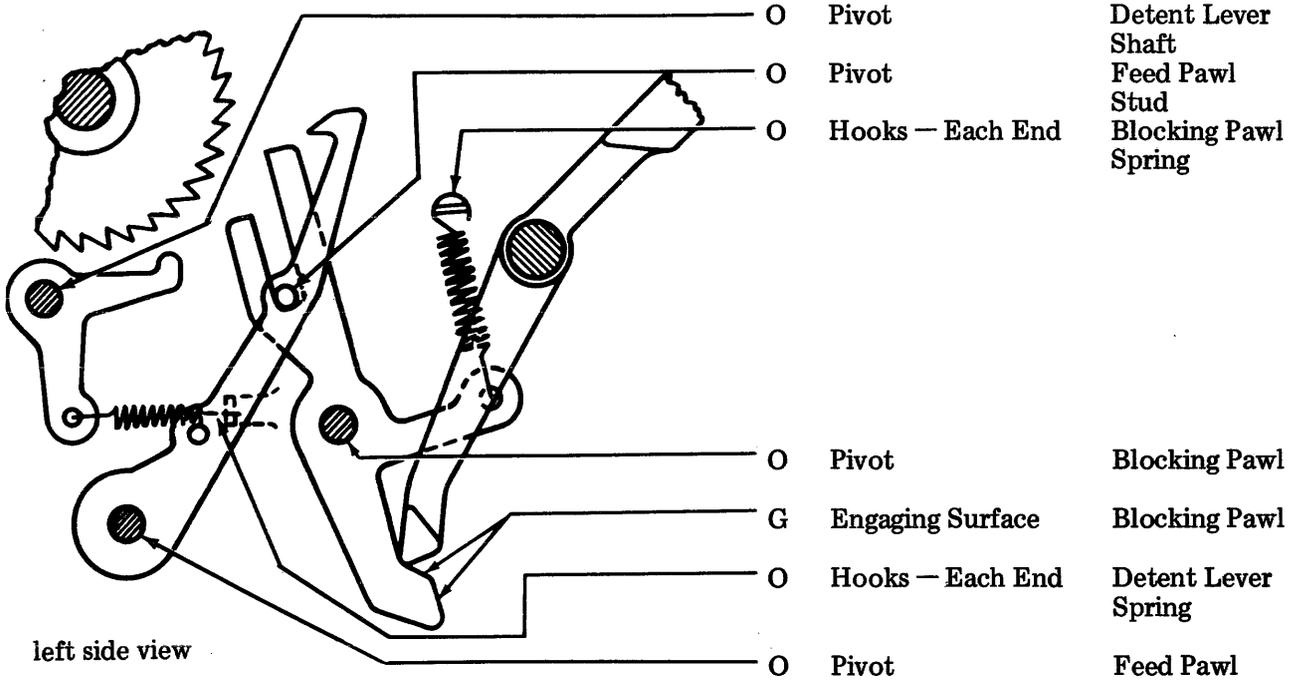
top view

2.05 Tight-Tape Mechanism

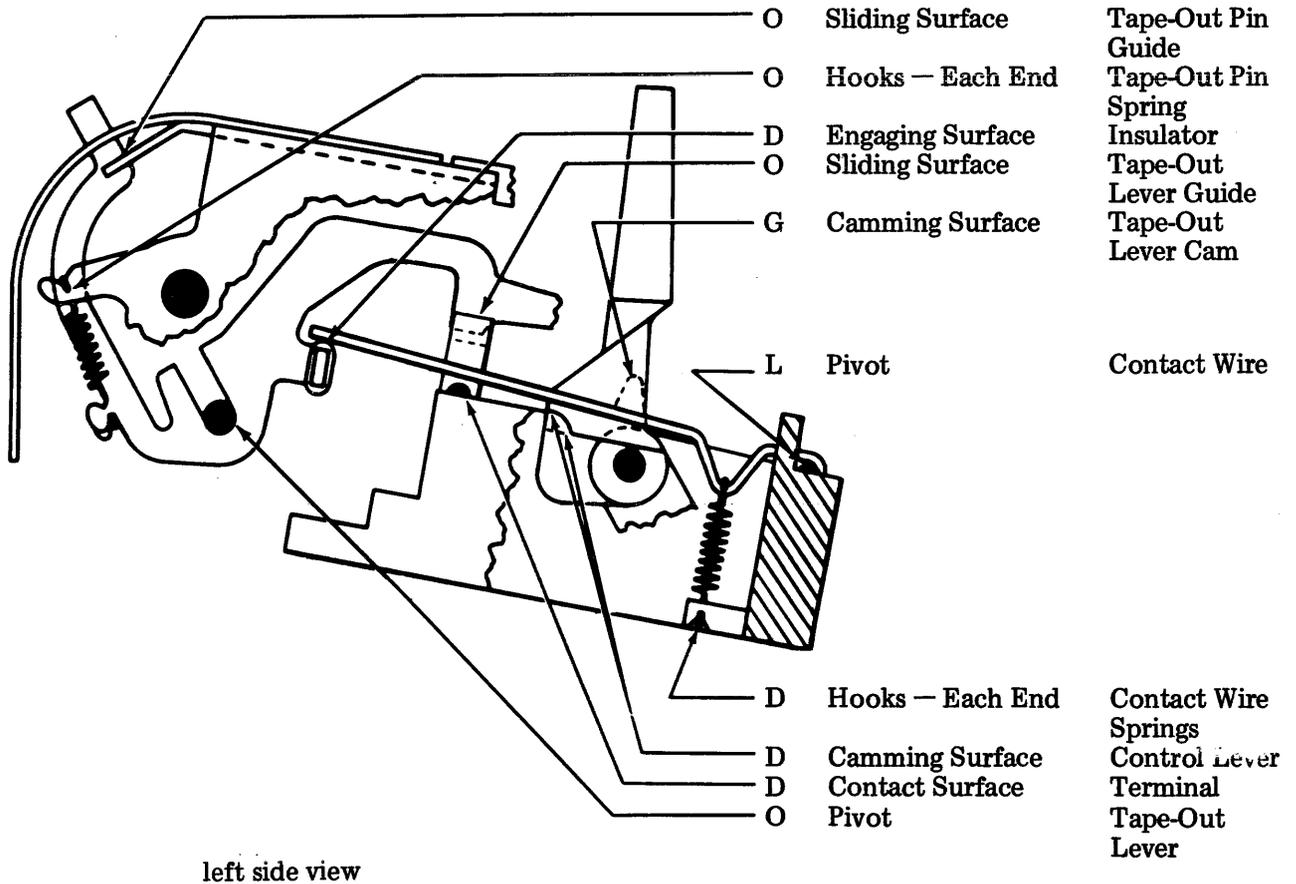


left side view

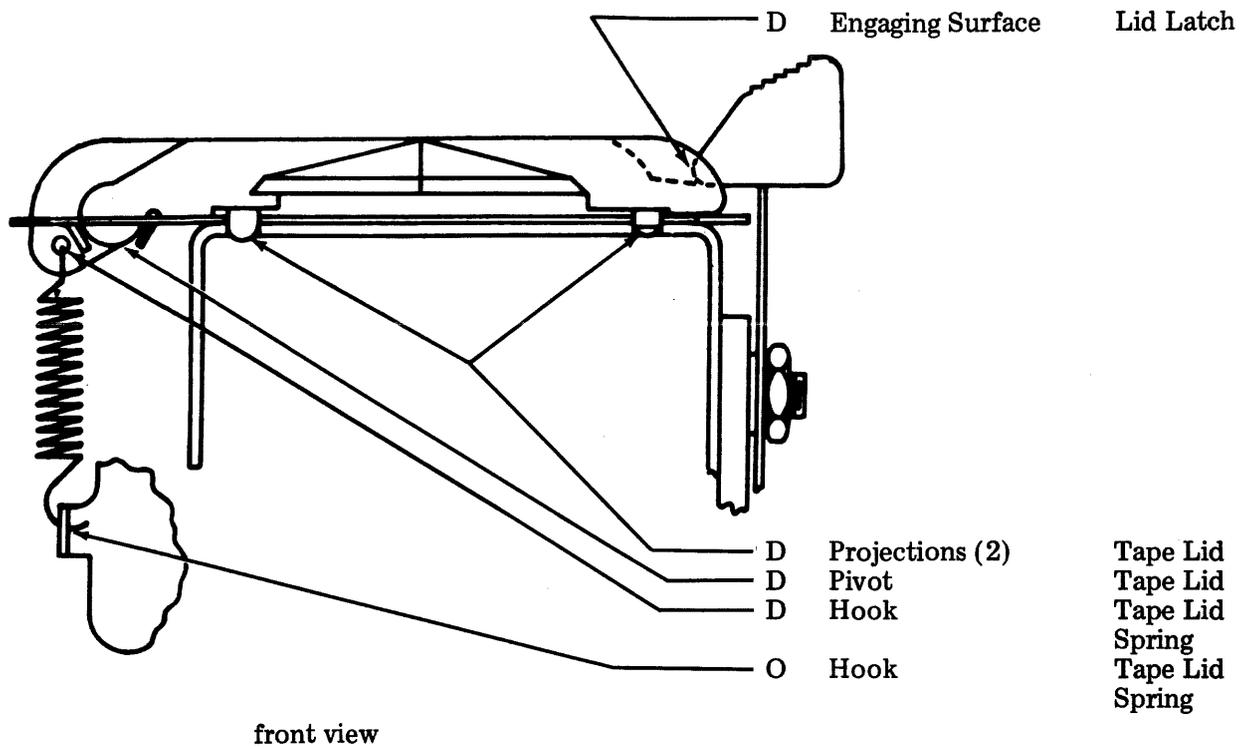
2.06 Feed Pawl Mechanism



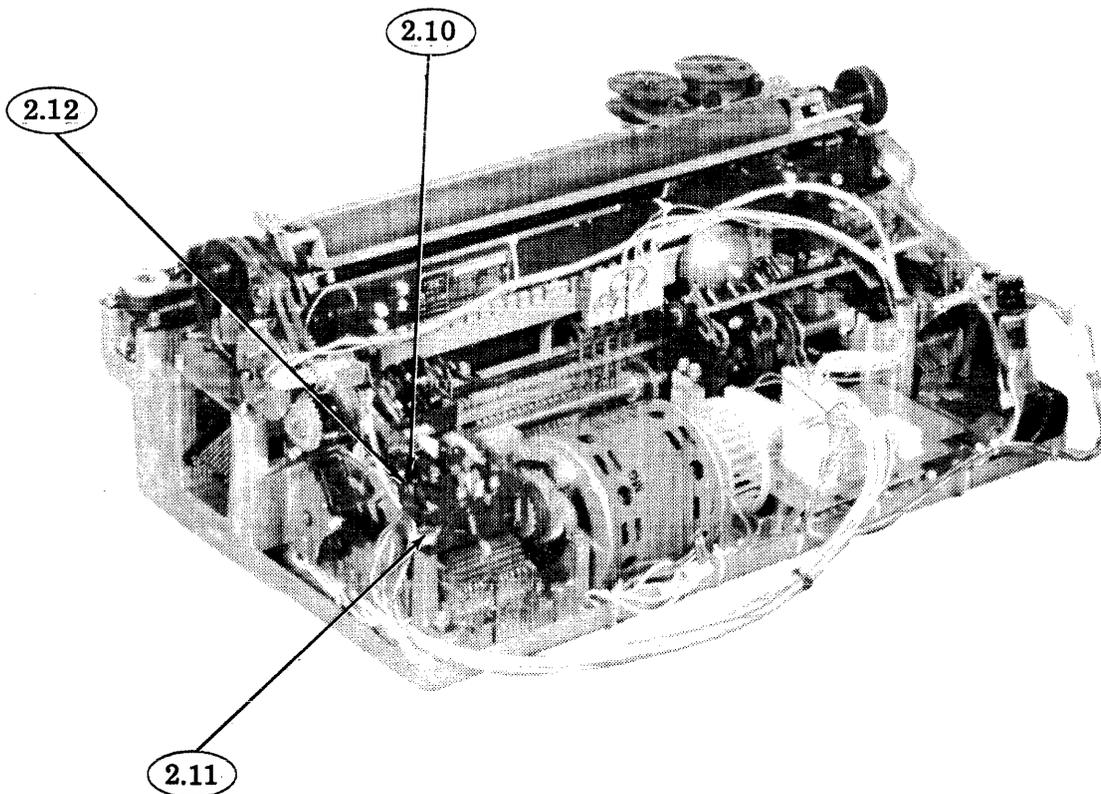
2.07 Control Mechanism



2.08 Tape Lid Mechanism

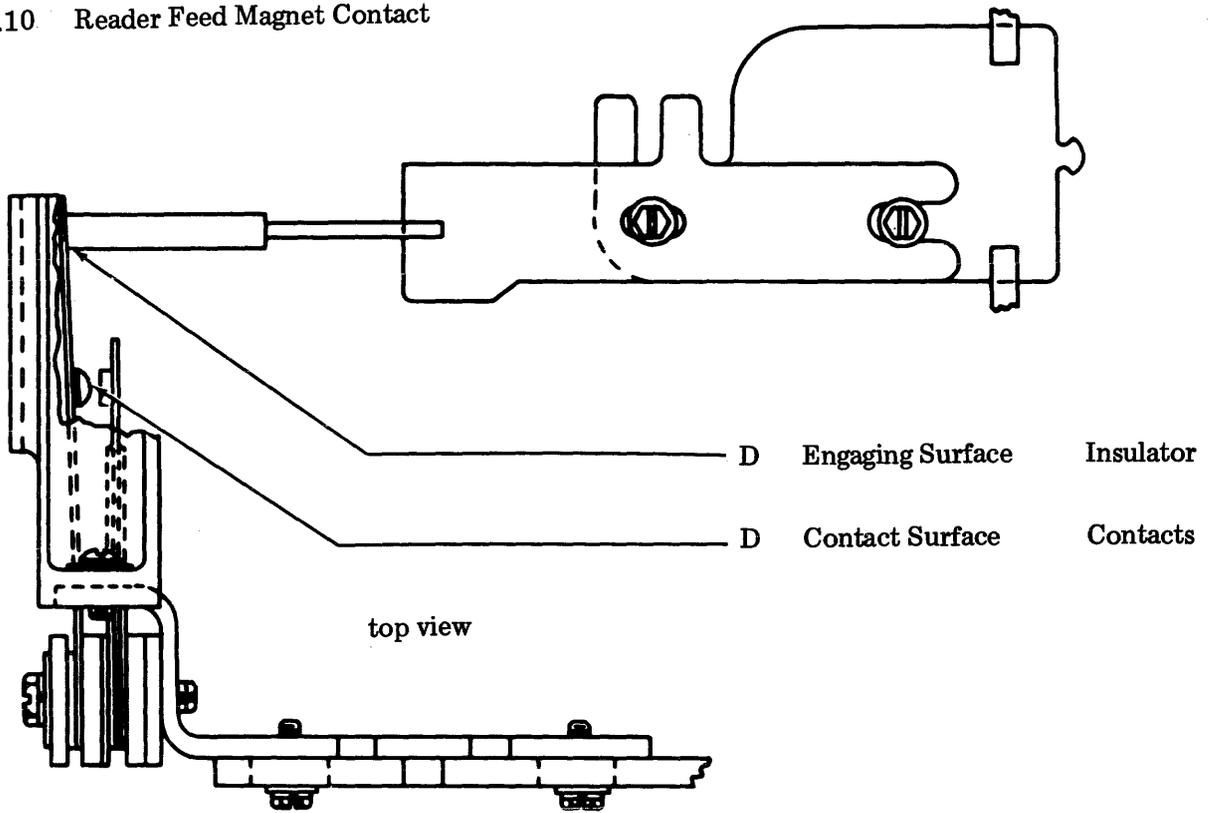


2.09 Clutch Trip Area

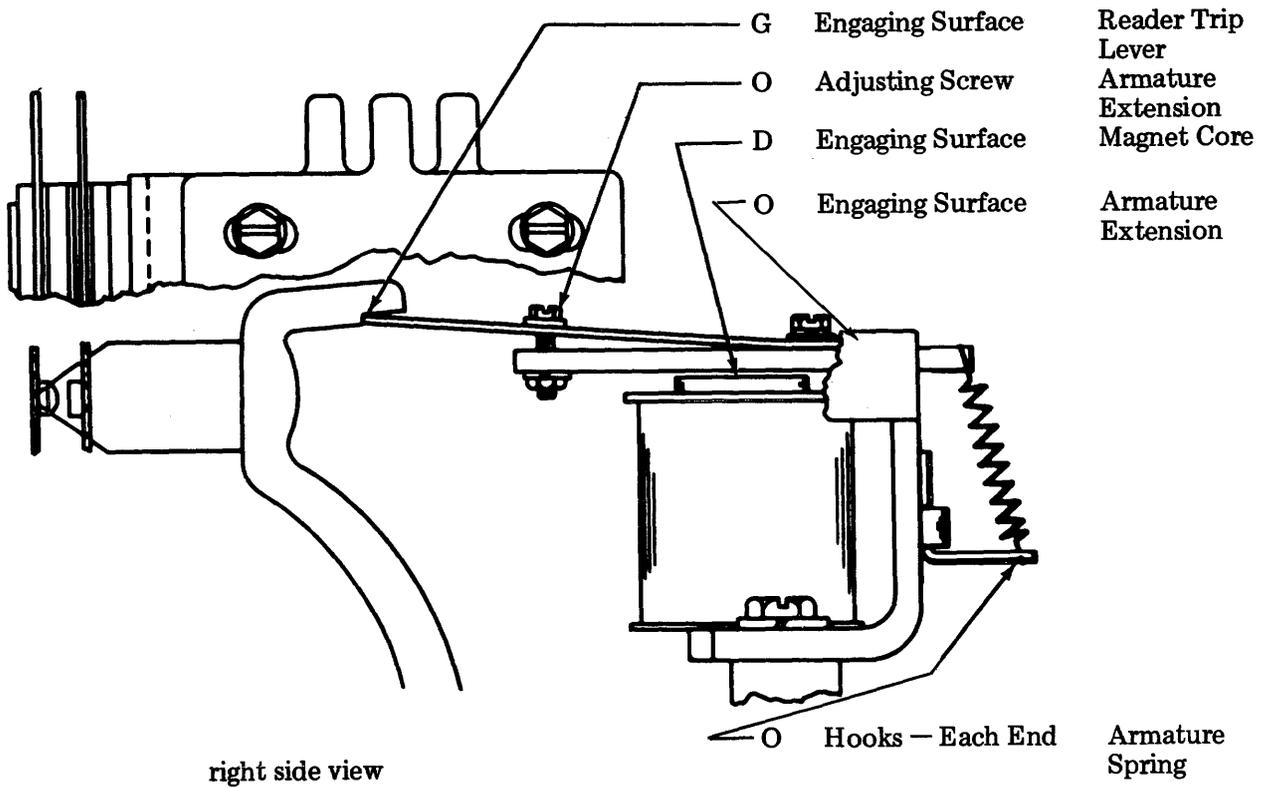


right rear view

2.10 Reader Feed Magnet Contact

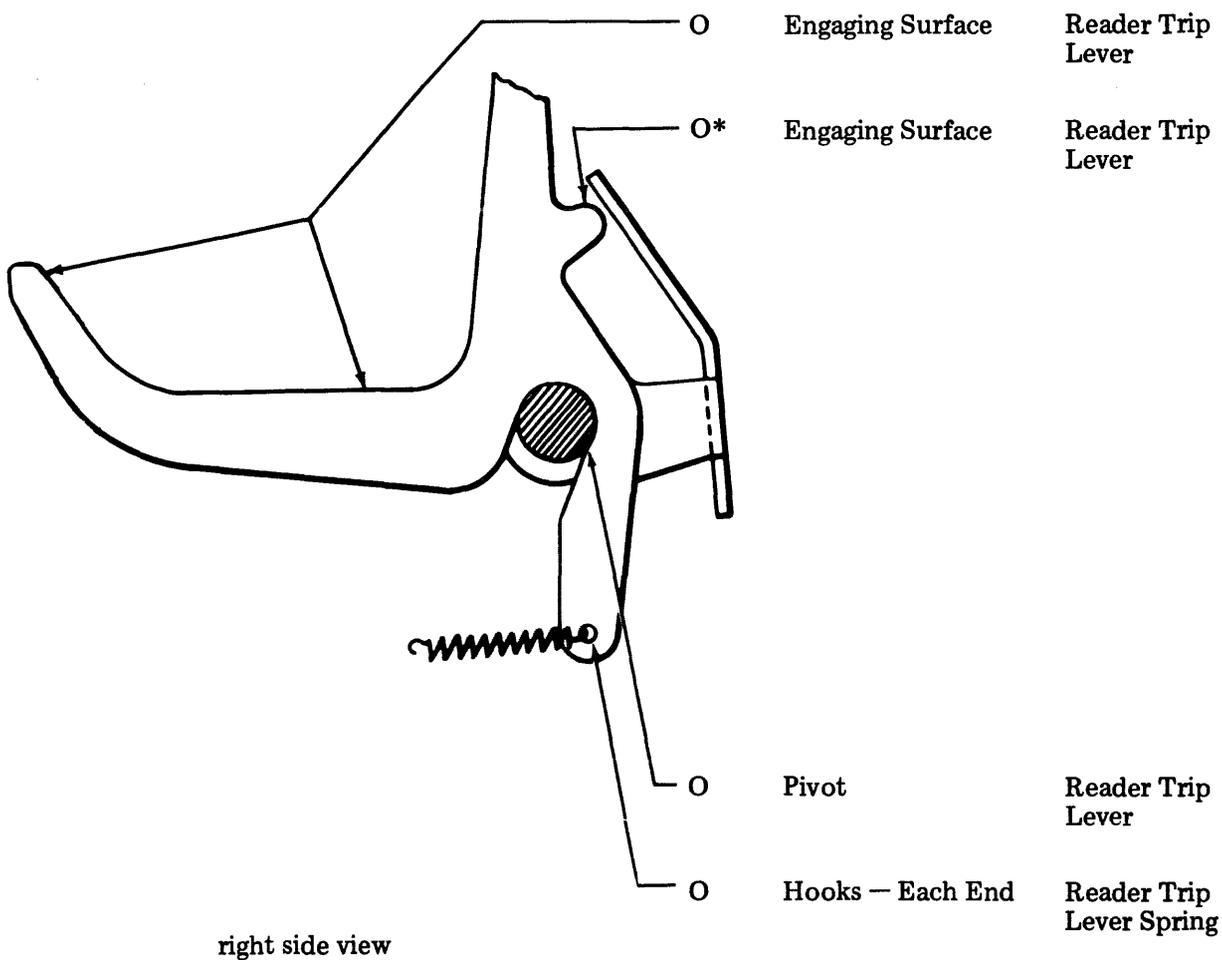


2.11 Distributor Clutch Trip Magnet



2.12 Reader Trip Lever

(Remove answer-back drum.)



(Replace answer-back drum.)

**After 1500 hours, apply an equally well-mixed coat of KS7470 oil and KS7471 grease.*

2.13 Single Step Mechanism

