

37 TAPE CABINET

LUBRICATION

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Note: Lubricate the reperforator (punch) motor in accordance with 570-220-701. The transmitter (reader) motor requires no lubrication except when disassembled. Then, the bearings should be repacked with TP195298 grease or equivalent.

1.06 The following symbol is used in the lubrication instructions to indicate the type and amount of lubricant:

O1 - Apply on drop of KS7470 oil

G - Apply KS7471 grease

1. GENERAL

1.01 This section provides lubrication procedures for the 37 tape cabinet (Figure 1).

1.02 General areas of the cabinet which require lubrication are shown by photographs. Specific points to receive lubrication are indicated by line drawings and descriptive text. The line drawings and descriptive text follow each photograph and are keyed to the photograph by paragraph numbers.

1.03 References made to left or right and front or rear apply to the cabinet in its normal operating position as viewed by the operator facing the cabinet (Figure 1).

1.04 Lubricate the cabinet before placing it into service and just prior to putting it into storage.

1.05 After approximately 200 hours or four weeks of operation (whichever comes first), relubricate the cabinet to make certain no points have been missed. Thereafter, lubricate the cabinet according to the following schedule:

- 100 wpm 2000 hours or 9 months *
- 150 wpm 1500 hours or 6 months *

* Whichever occurs first.

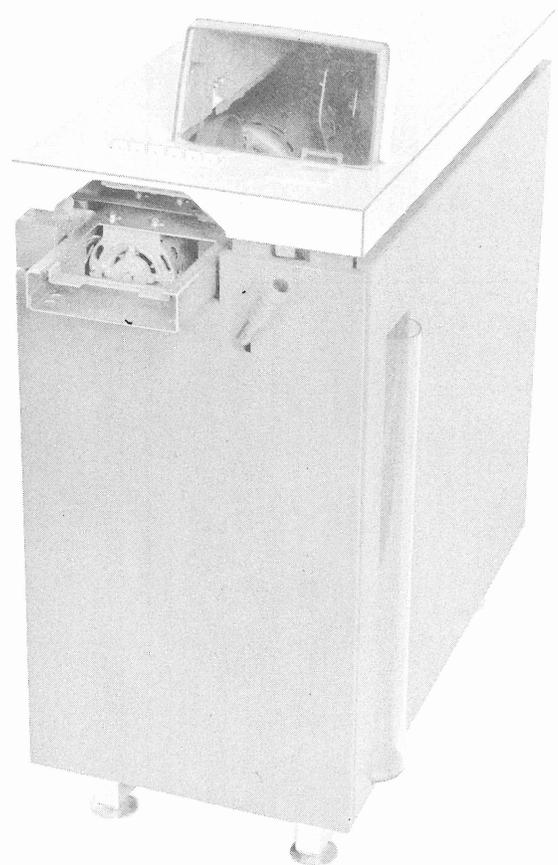


Figure 1 - Tape Cabinet

SECTION 574-327-701

Note: Ordering information for lubricants and a complete list of tools and materials available to maintain this equipment is given in Section 570-005-800.

1.07 Oil should be applied by means of an oiler. Overlubrication which would allow oil to drip on other parts should be avoided. Capillary action and vaporization tend to keep a film of oil on the parts. This prevents rust and provides sufficient lubrication to many points.

CAUTION: SPECIAL CARE SHOULD BE TAKEN TO PREVENT ANY LUBRICANT FROM GETTING BETWEEN ELECTRICAL CONTACTS.

Note: Protective pad TP124828 is available to protect furniture and floor coverings from oil, grease, and dirt while lubricating the cabinet.

1.08 Instructions for removing any components which are mounted within the cabinet can be found in Section 574-302-702.

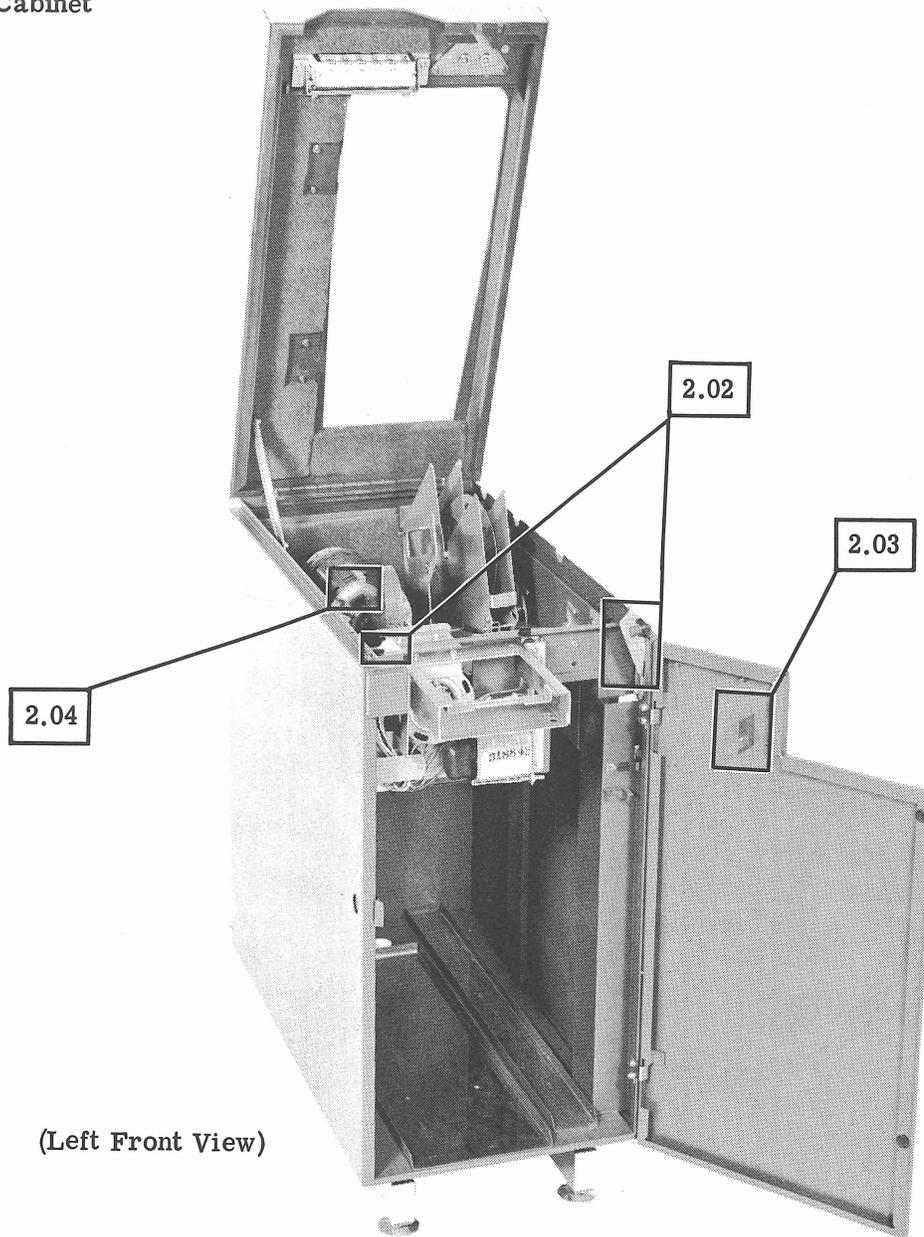
1.09 Clean the cabinet before and after it is lubricated. Remove excess oil and/or grease which may have run onto surfaces which do not require lubrication. Remove the excess lubricant with care so that old lubricant or dirt does not get between bearing surfaces.

1.10 When cleaning plastic parts such as the plastic window of the reperforator cover, use soap or detergent and water. Do not use solvents containing alcohol or chlorinated ingredients.

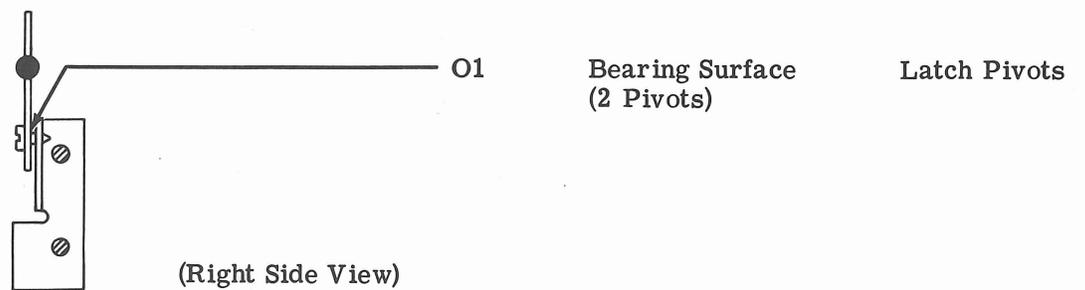
CAUTION: WHEN THE CABINET IS FUNCTIONALLY UTILIZED WITH PUNCH AND READER, REMOVE POWER FROM EQUIPMENT BEFORE APPLYING ANY LUBRICANT.

2. BASIC UNIT

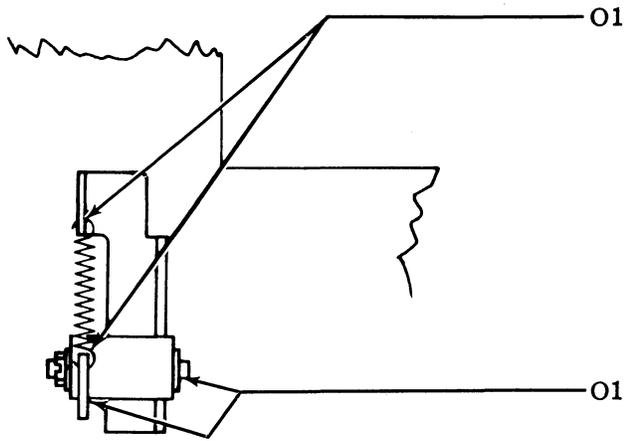
2.01 Cabinet



2.02 Top Latches (Left and Right Sides)



2.03 Tight Tape Assembly

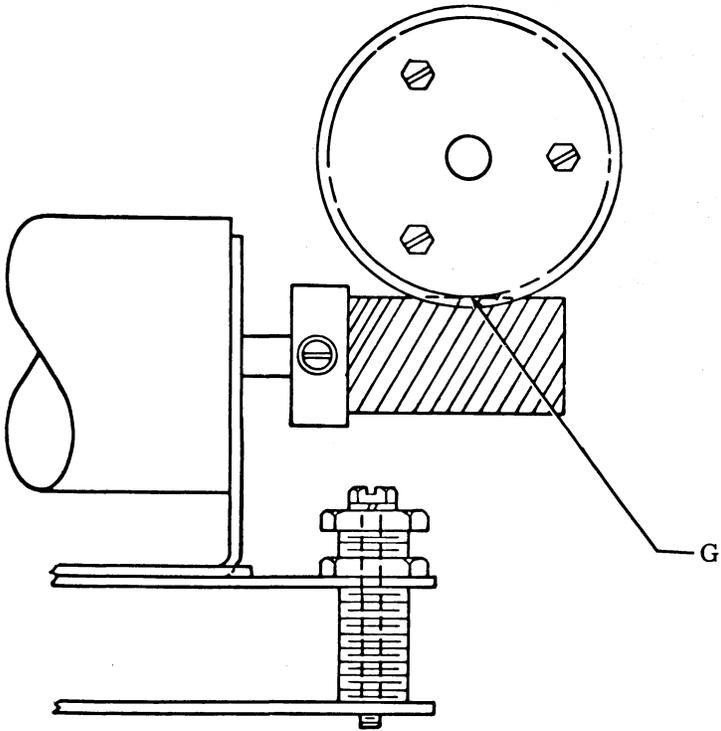


Hooks - Each End Spring

Bearing Surfaces Tight Tape Bail Pivot

(Rear View)

2.04 Reperforator Gear Mechanism



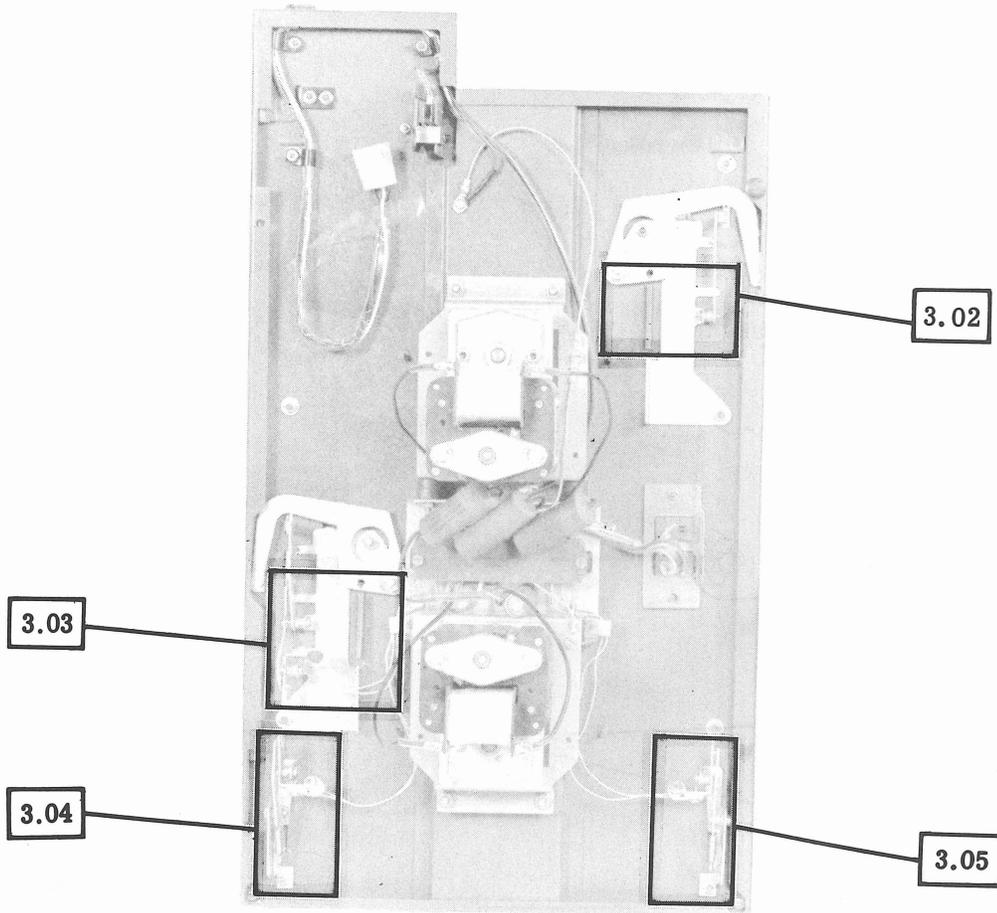
Teeth, Thick Coat

Reperforator Gear

(Left Side View)

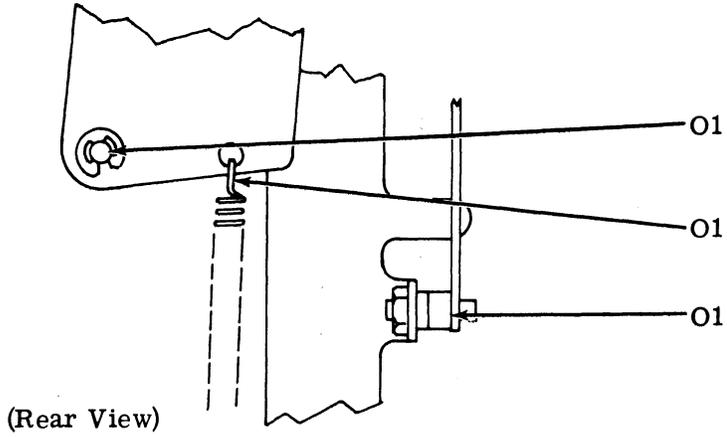
3. TAPE HANDLING DOORS

3.01 Tape Handling Door



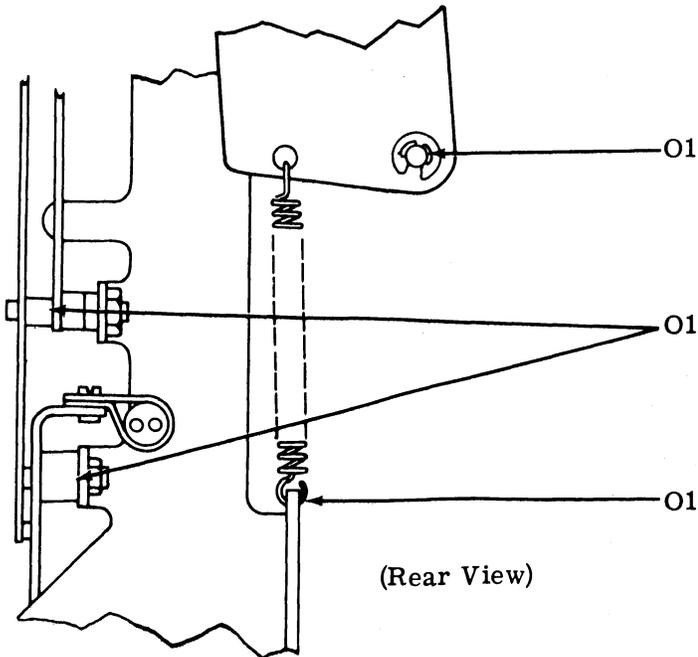
(Rear View)

3.02 Tape Sensor Latch Assembly



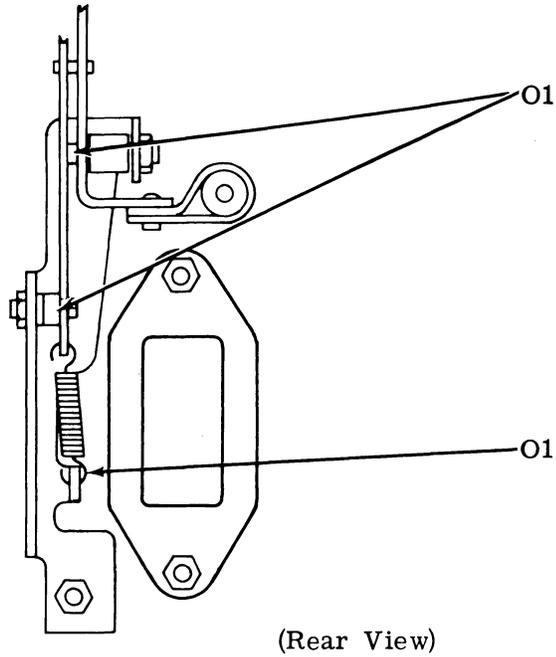
- | | |
|------------------|------------------------|
| Bearing Surface | Latch Bracket
Pivot |
| Hooks - Each End | Spring |
| Bearing Surface | Latch Arm
Pivot |

3.03 Upper Mercury Switch Assembly



- | | |
|-------------------------------|---------------------------------------|
| Bearing Surface | Tape Sensor
Latch Bracket
Pivot |
| Bearing Surface
(2 Pivots) | Actuator Pivot |
| Hooks - Each End | Spring |

3.04 Lower Left Mercury Switch Assembly



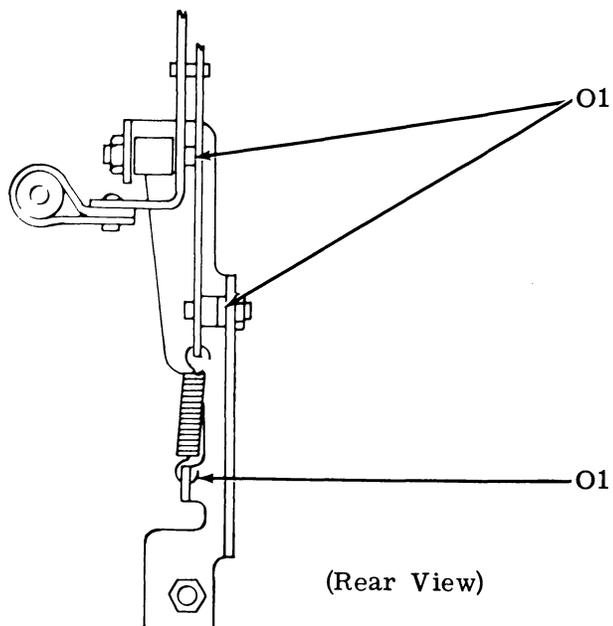
Bearing Surface
(2 Pivots)

Actuator Pivots

Hooks - Each End

Spring

3.05 Lower Right Mercury Switch Assembly



Bearing Surface
(2 Pivots)

Actuator Pivots

Hooks - Each End

Spring