

35 TRANSMITTER-DISTRIBUTOR UNIT (MULTICONTACT)

LUBRICATION

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line drawings and descriptive text. The symbols in the text indicate the following directions:

- O1 Apply one drop of oil.
- O2 Apply two drops of oil, etc.
- G Apply thin coat of grease.
- SAT Saturate with oil (felt washers, etc).

1.03 Use KS7470 oil at all locations where the use of oil is indicated. Use KS7471 grease on all surfaces where grease is indicated.

1.04 The unit should be thoroughly lubricated, but overlubrication which might allow oil to drip or grease to be thrown on other parts, should be avoided. Exercise special care to prevent lubricant from getting between armature and pole faces. Keep all electrical contacts free from oil or grease.

1.05 The following general instructions supplement the specific lubricating points illustrated in this section.

- (1) Apply one drop of oil to all spring hooks.
- (2) Apply a light film of oil to all cam surfaces.
- (3) Apply a coat of grease to all gears.
- (4) Saturate all felt washers, oilers, etc.
- (5) Apply oil to all pivot points.
- (6) Apply oil to all sliding surfaces.

1.06 The transmitter-distributor unit should be lubricated before being placed in service or prior to storage. After a few weeks of service, relubricate to make certain that all specified points have received lubricant. Thereafter, the following schedule should be adhered to:

<u>OPERATING SPEED</u>	<u>LUBRICATION INTERVAL</u>
60 wpm	3000 hours or 1 year *
75 wpm	2400 hours or 9 months *
100 wpm	1500 hours or 6 months *

\* Whichever occurs first.

1. GENERAL

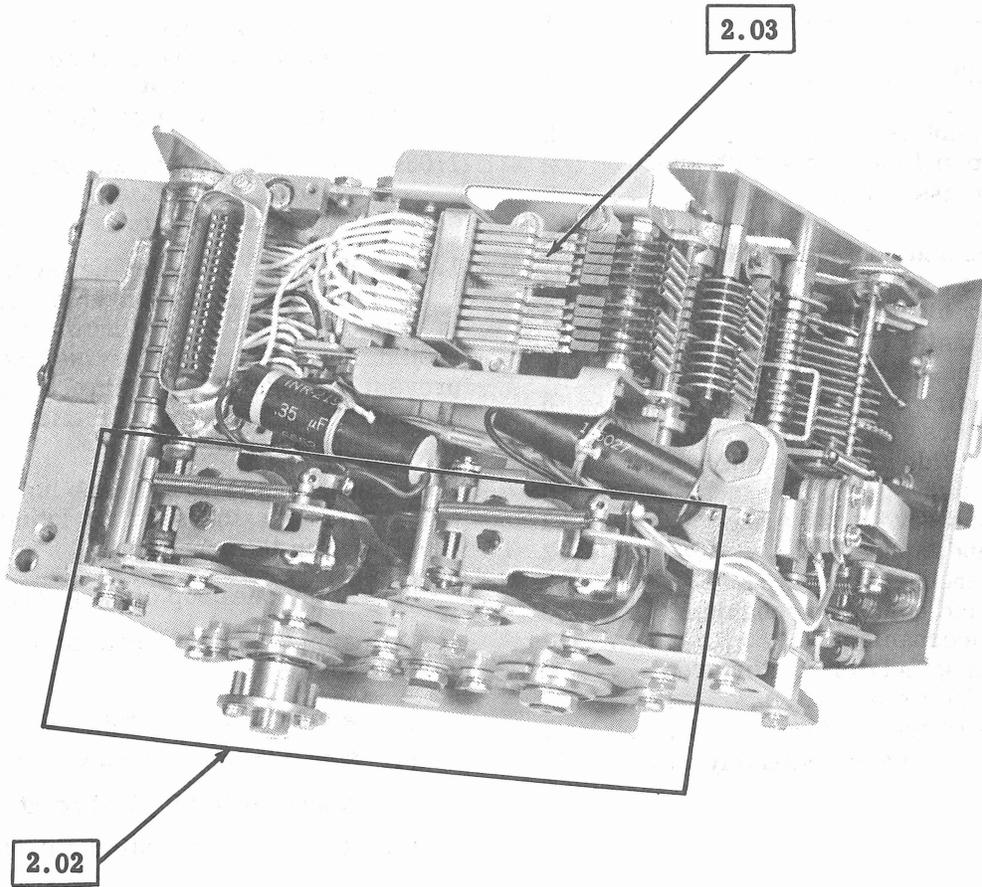
1.01 This section is reissued to include additional lubrication procedures for the 35 transmitter-distributor (multicontact). Since this is an extensive revision, marginal arrows ordinarily used to indicate changes have been omitted.

**CAUTION: THE UNIT IS SHIPPED WITH OIL RESERVOIR EMPTY. REMOVE COVER PLATE FOR ACCESS AND FILL OIL RESERVOIR AS INDICATED IN 2.08.**

1.02 In this section, the general areas of the unit are shown by photographs. The specific points of lubrication are indicated by

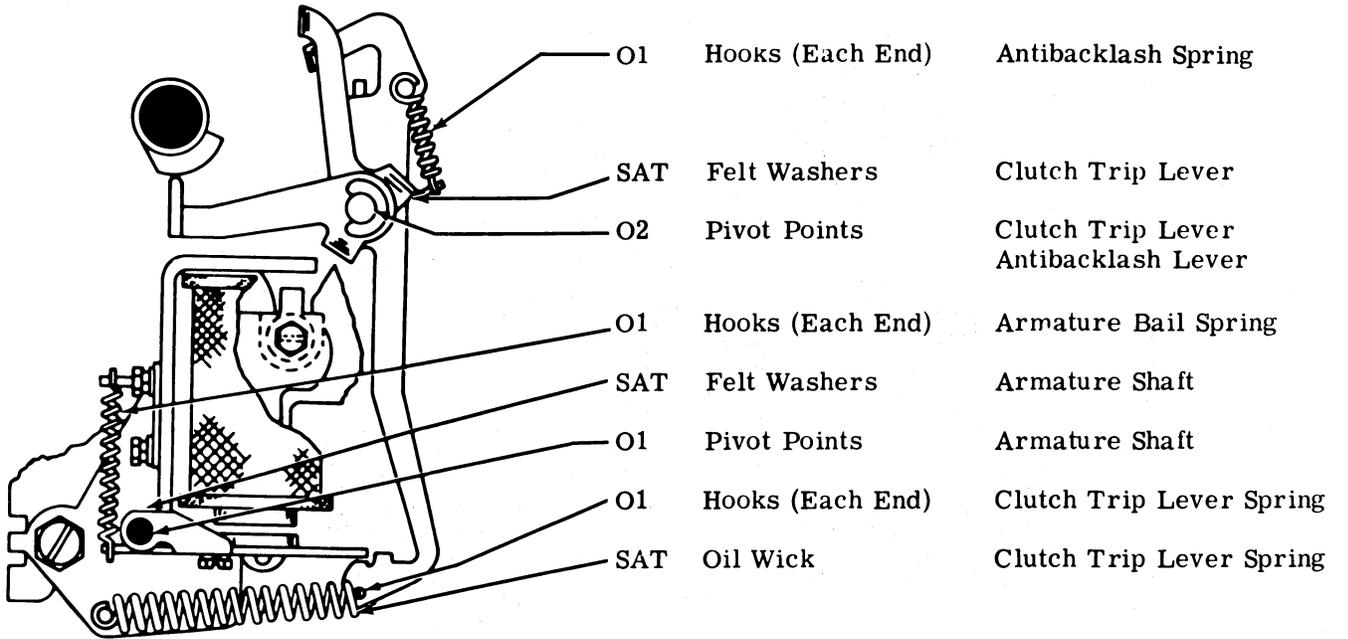
2. BASIC UNIT

2.01 Clutch Trip and Storage Switch Area



(Bottom View)

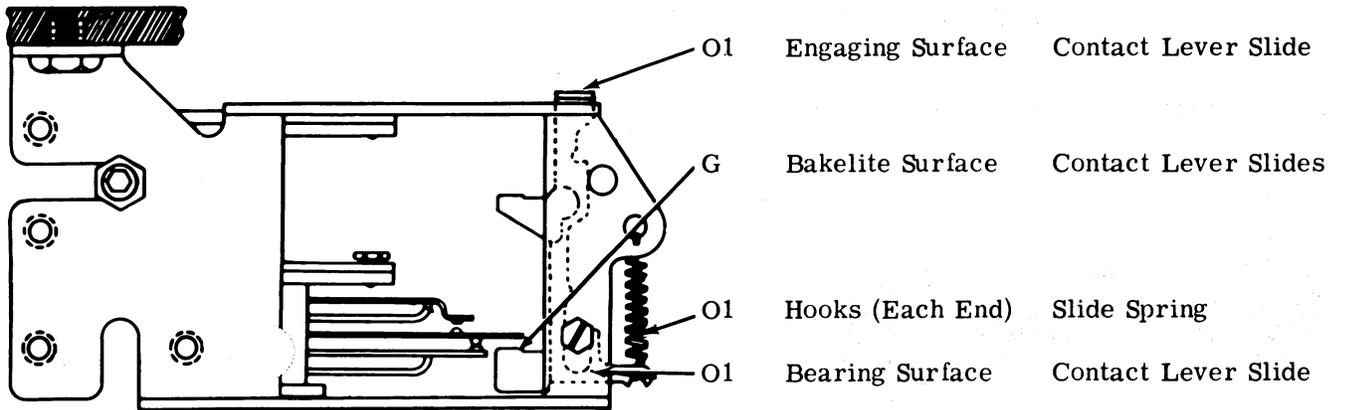
2.02 Clutch Trip Assemblies



(Front View)

- |     |                  |   |
|-----|------------------|---|
| O1  | Hooks (Each End) | Antibacklash Spring                     |
| SAT | Felt Washers     | Clutch Trip Lever                       |
| O2  | Pivot Points     | Clutch Trip Lever<br>Antibacklash Lever |
| O1  | Hooks (Each End) | Armature Bail Spring                    |
| SAT | Felt Washers     | Armature Shaft                          |
| O1  | Pivot Points     | Armature Shaft                          |
| O1  | Hooks (Each End) | Clutch Trip Lever Spring                |
| SAT | Oil Wick         | Clutch Trip Lever Spring                |

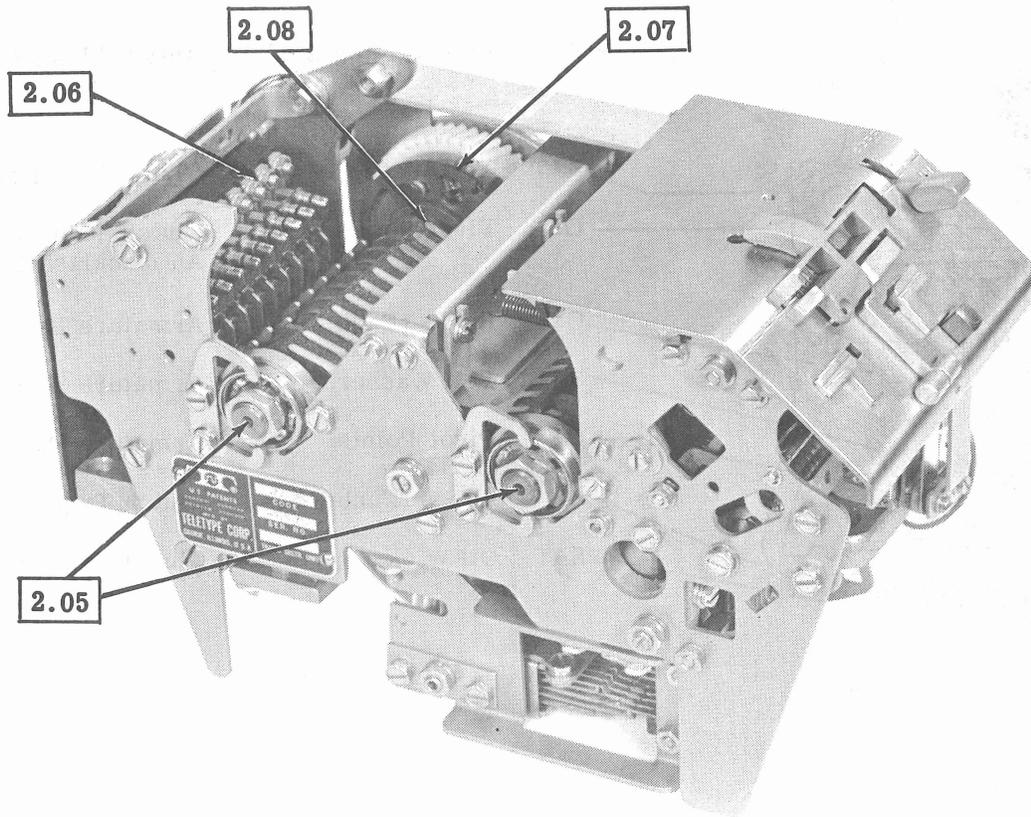
2.03 Storing Switch



(Front View)

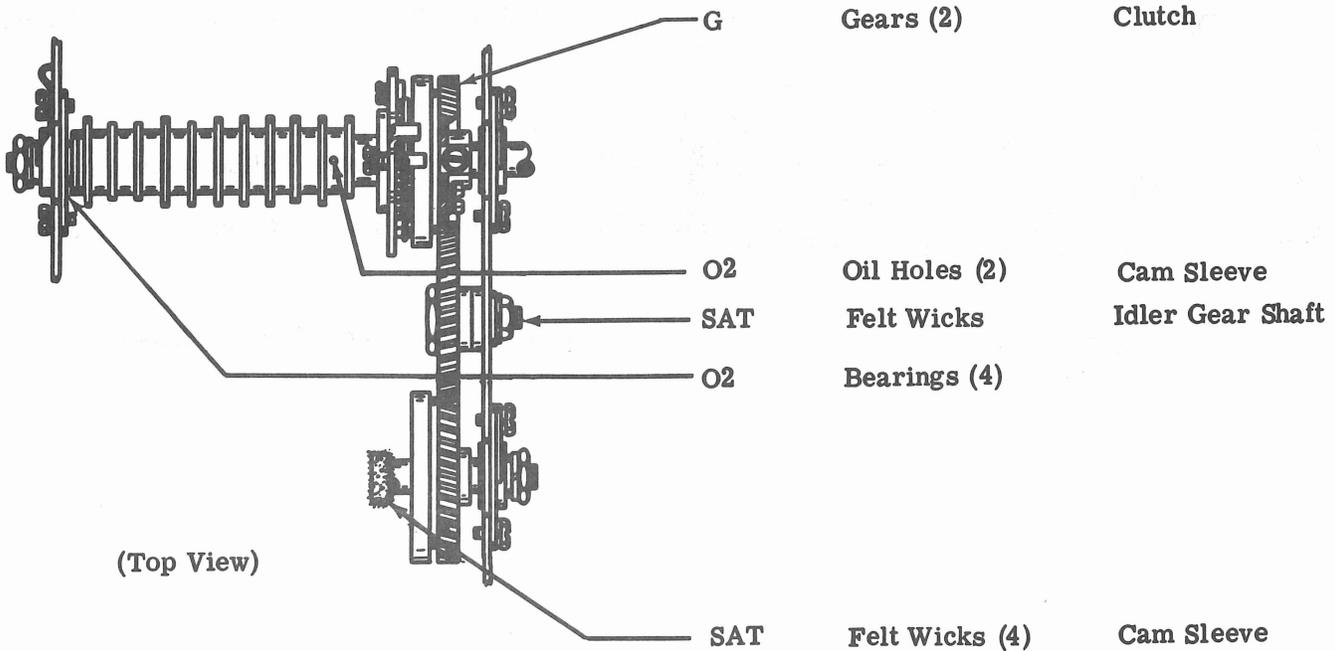
Note: Keep contacts free of grease.

2.04 Tape Sensing and Distributor Area



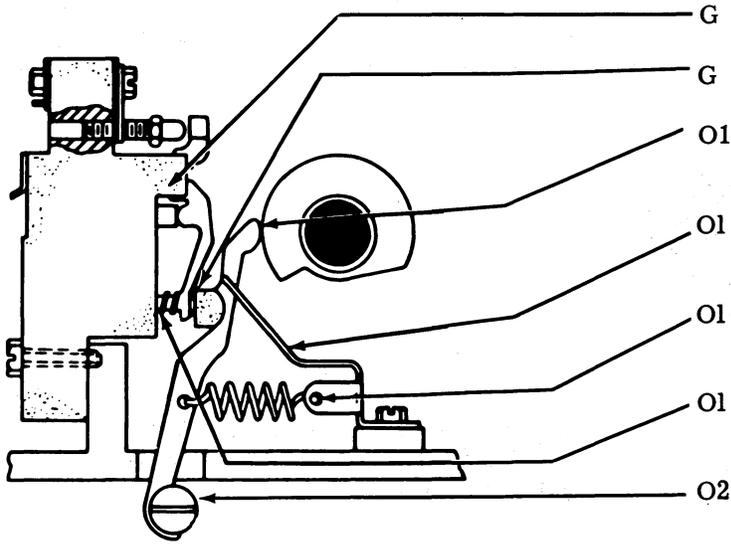
(Front Right Side View)

2.05 Distributor and Sensing Shaft Assemblies



(Top View)

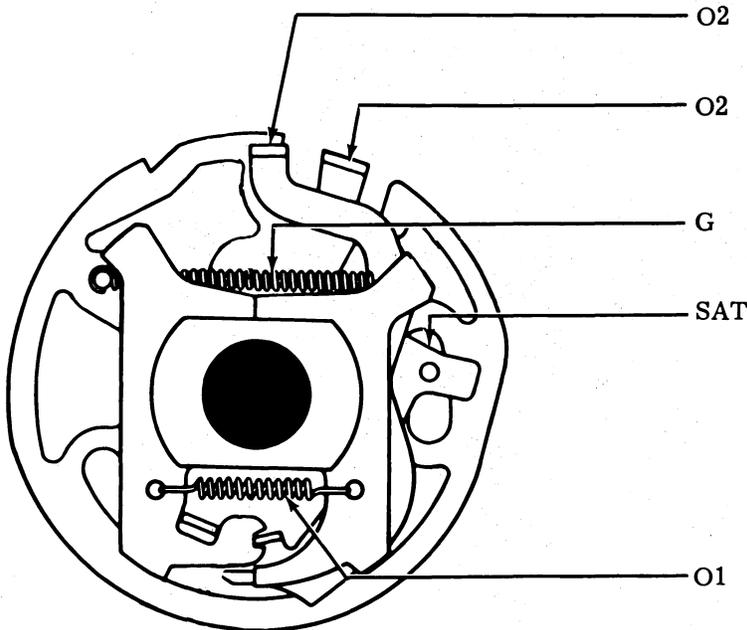
2.06 Distributor Block Assembly



- |                  |                            |
|------------------|----------------------------|
| Pivot Points     | Contact Levers             |
| Contact Points   | Contact Levers             |
| Camming Surface  | Cam Follower Lever         |
| Guide Slots      | Cam Follower Lever         |
| Hooks (Each End) | Cam Follower Lever Springs |
| Loops            | Compression Spring         |
| Pivot Point      | Cam Follower Lever         |

(Front View)

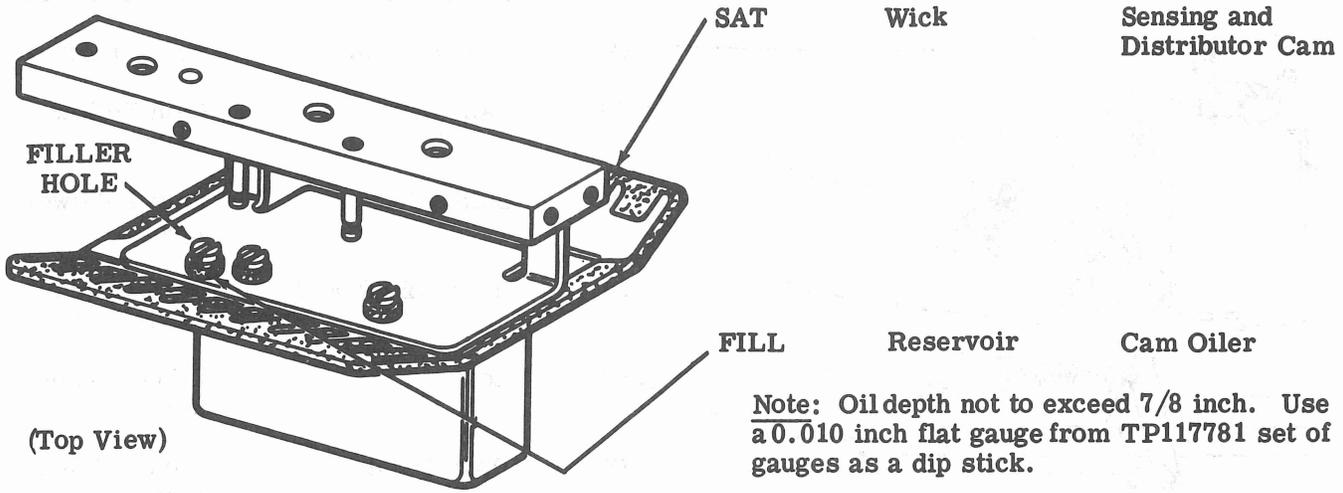
2.07 Clutch Assemblies



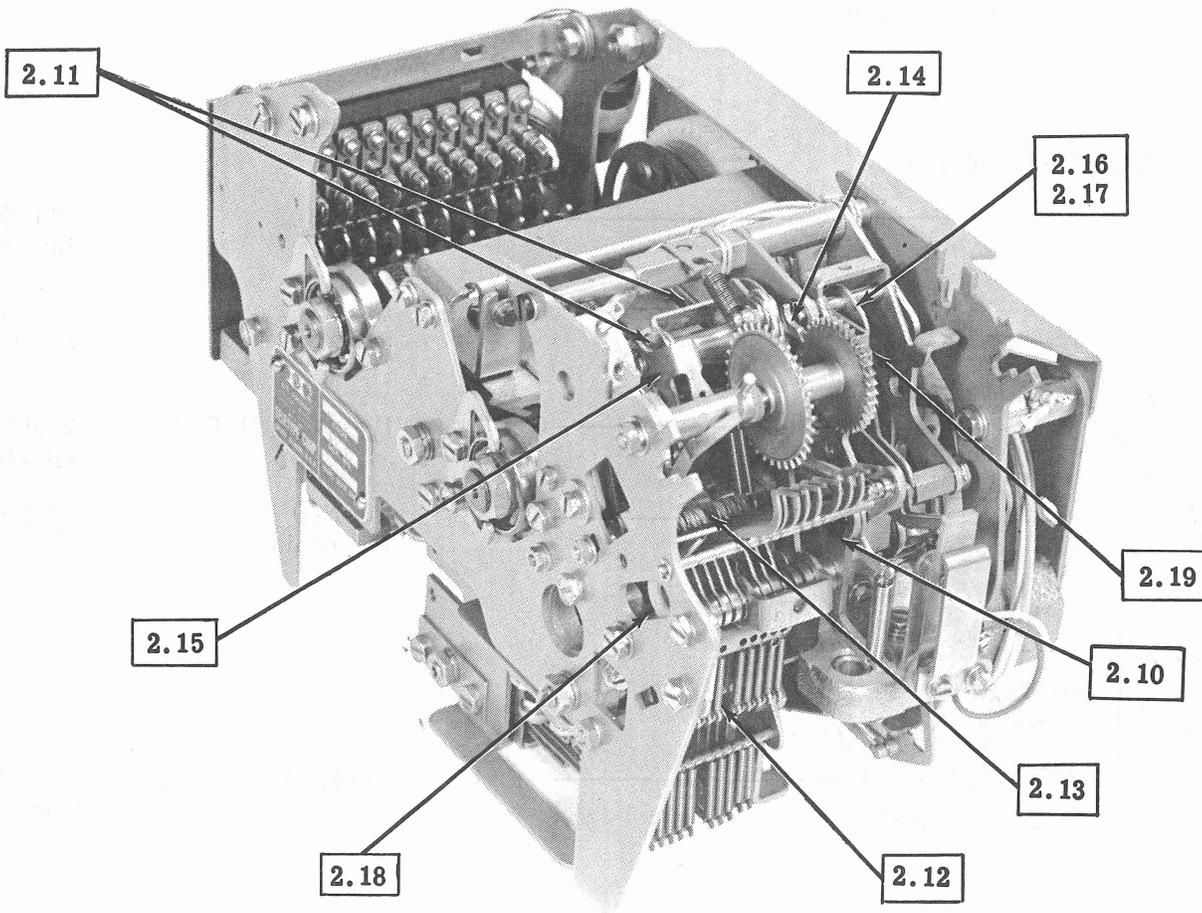
- |                    |                    |
|--------------------|--------------------|
| Engaging Surface   | Clutch Shoe Lever  |
| Engaging Surface   | Clutch Stop Lever  |
| Hooks (Each End)   | Clutch Shoe Spring |
| Internal Mechanism | Clutches           |
| Hooks (Each End)   | Clutch Shoe Spring |

(Rear View)

2.08 Oil Reservoir

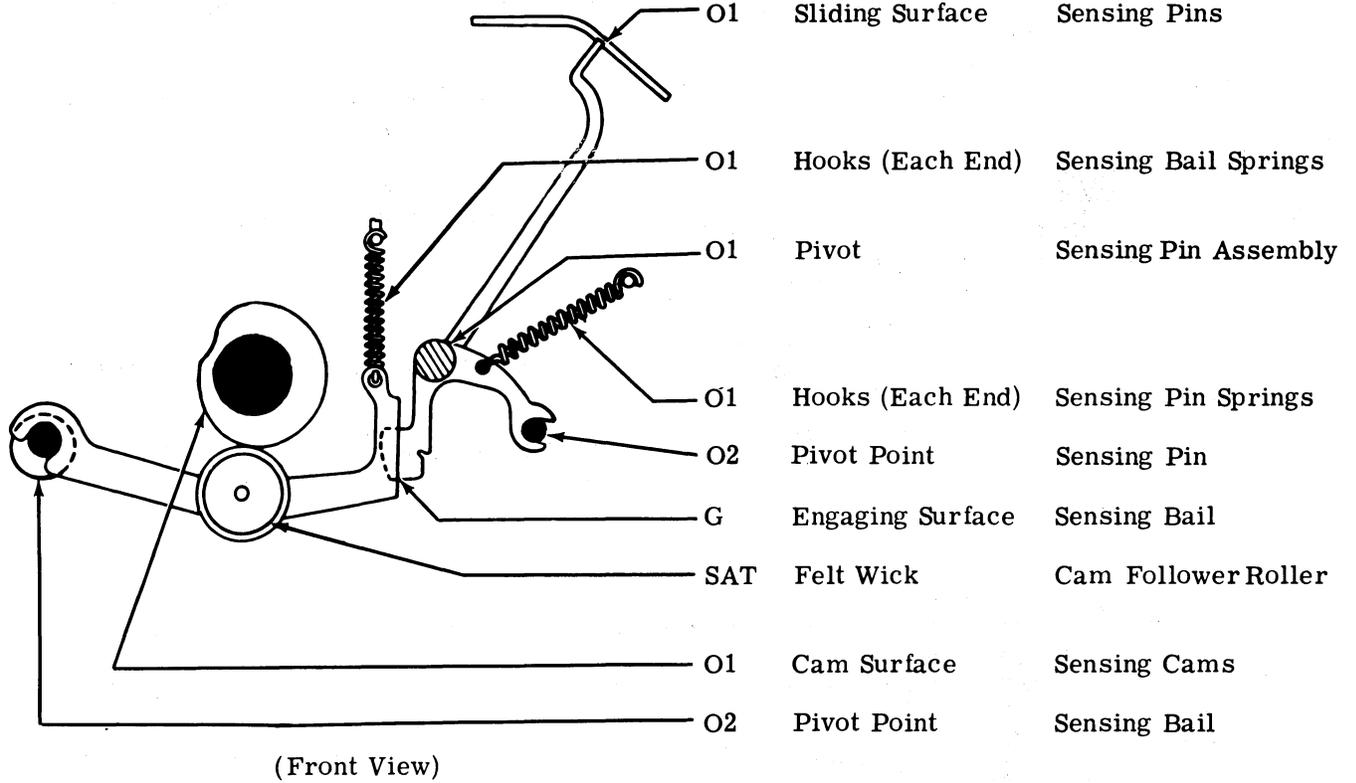


2.09 Tape Sensing Area

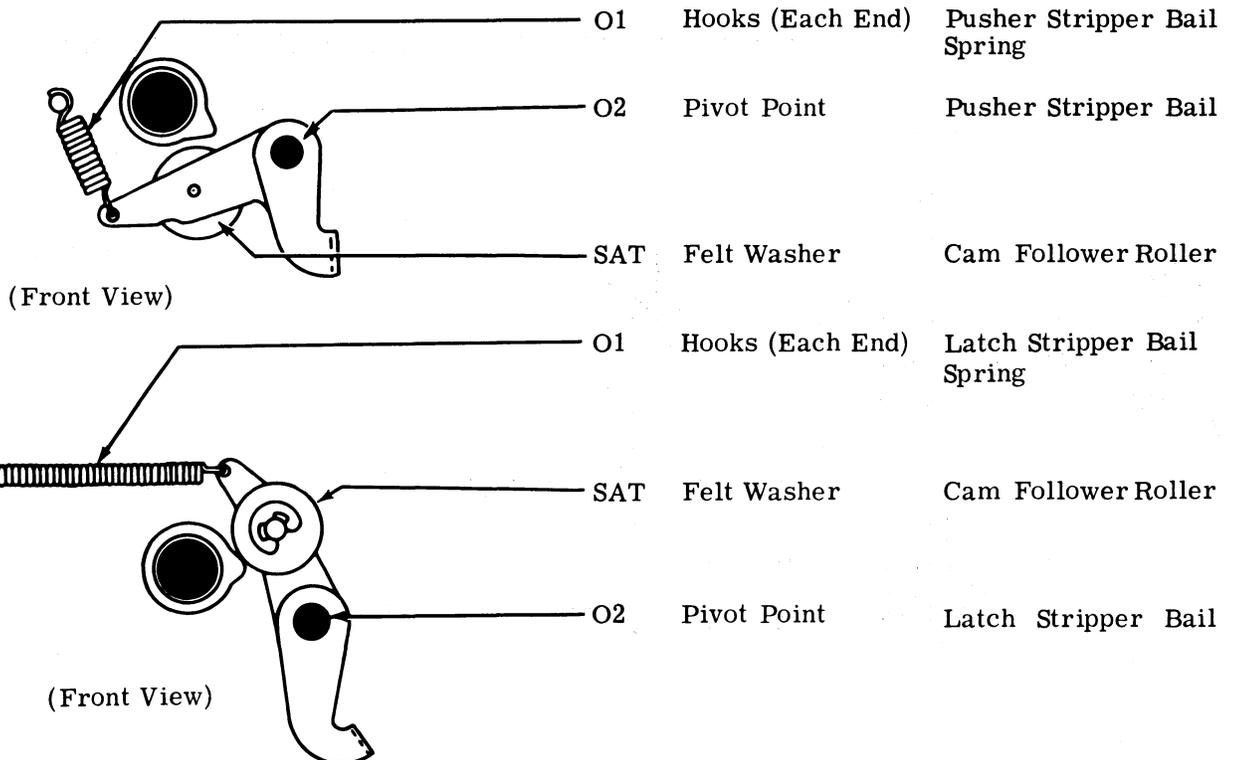


(Front Right Side View)

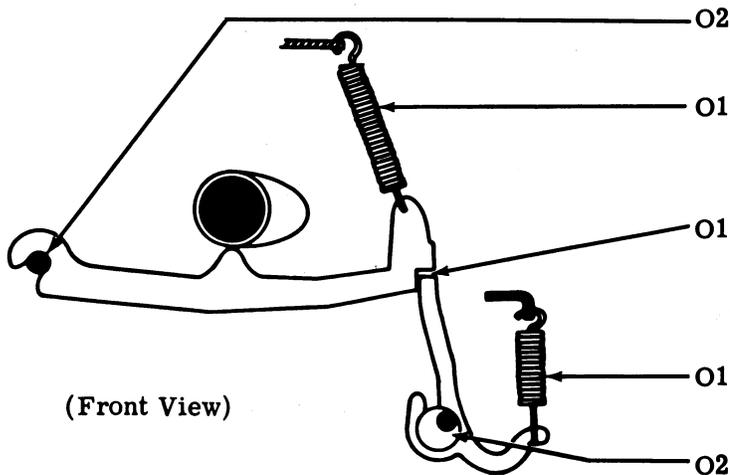
2.10 Tape Sensing Mechanism



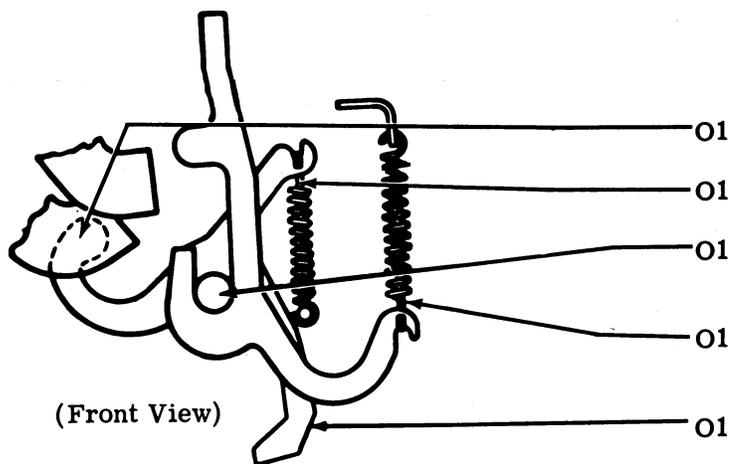
2.11 Latch and Pusher Stripper Bail



2.12 Pusher Levers

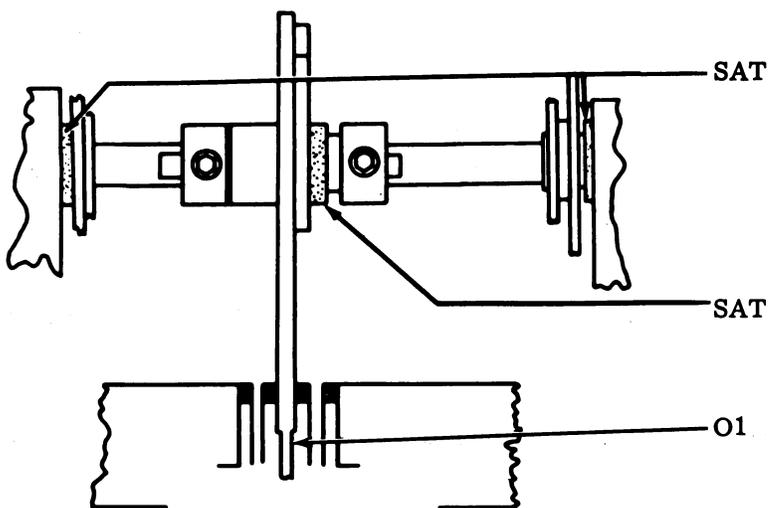


- O2 Pivot Points Auxiliary Levers
- O1 Hooks (Each End) Auxiliary Lever Spring
- O1 Sliding Surfaces Pusher Levers
- O1 Hooks (Each End) Pusher Lever Springs
- O2 Pivot Points Pusher Levers



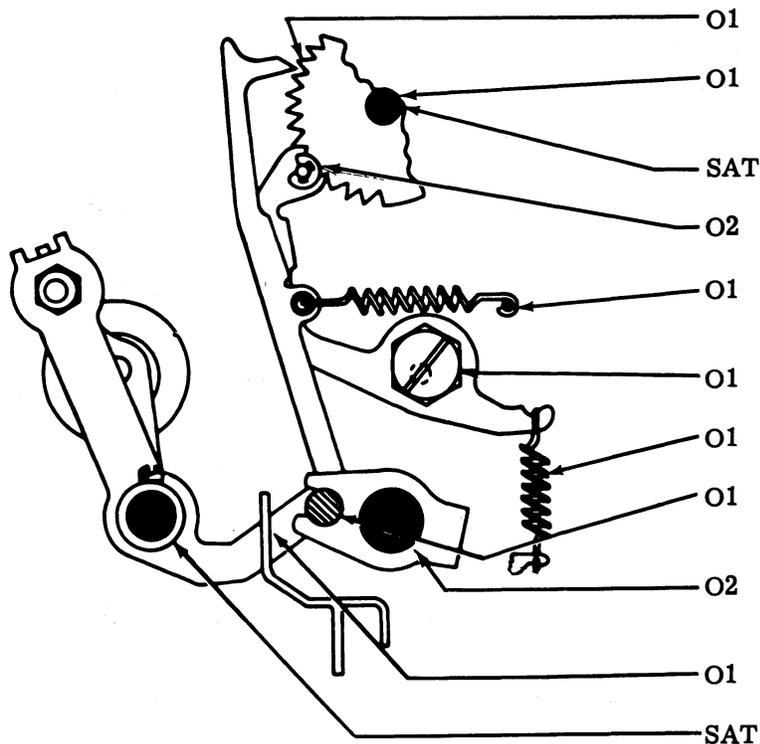
- O1 Sliding Surface Latchlevers
- O1 Hooks (Each End) Latchlever Spring
- O1 Bearing Surface Latch and Pusher Lever
- O1 Hooks (Each End) Pusher Lever Spring
- O1 Engaging Surface Latchlever

2.13 Feed Mechanism



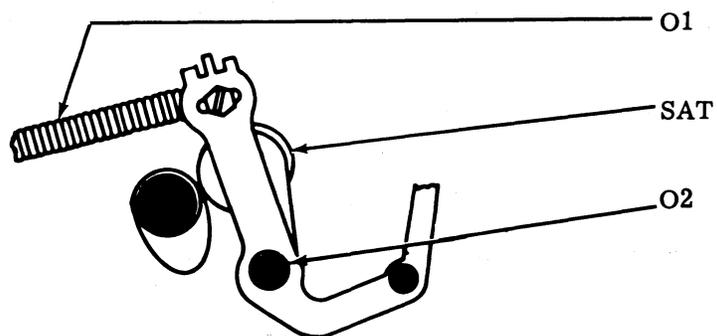
- SAT Felt Washers Pivot Shaft
- SAT Felt Washer Feed Lever
- O1 Sliding Surface Feed Lever

2.14 Feed Mechanism (continued)



(Front View)

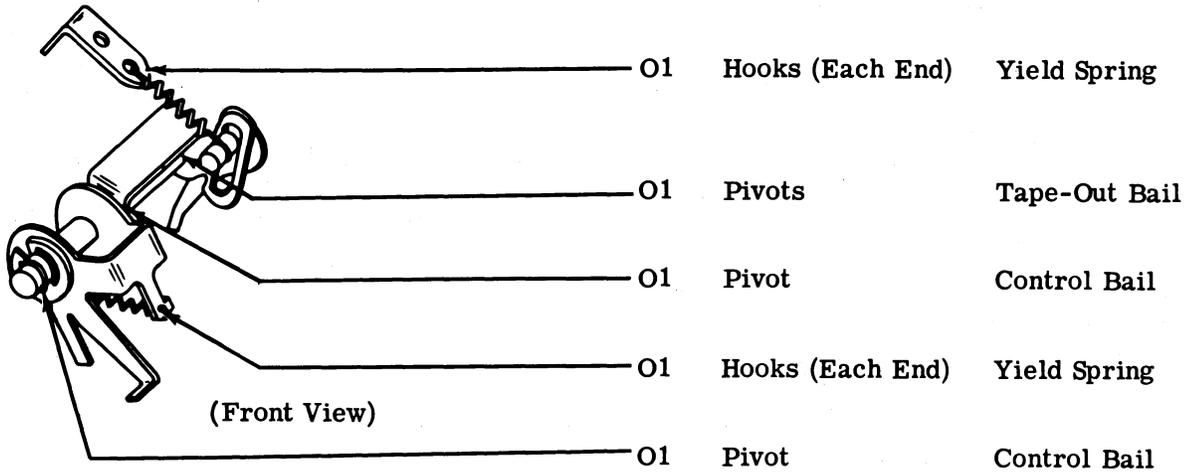
- |     |                  |                      |
|-----|------------------|----------------------|
| O1  | Ratchet Teeth    | Feed Wheel           |
| O1  | Shaft            | Feed Wheel Ratchet   |
| SAT | Felt Wicks       | Feed Wheel           |
| O2  | Detent Roller    | Feed Wheel           |
| O1  | Hooks (Each End) | Feed Pawl Spring     |
| O1  | Pivot Point      | Detent Lever         |
| O1  | Hooks (Each End) | Spring               |
| O1  | Engaging Surface | Feed Lever Extension |
| O2  | Pivot Points     | Feed Lever Bail      |
| O1  | Guide Slot       | Feed Lever           |
| SAT | Felt Washer      | Feed Lever Shaft     |



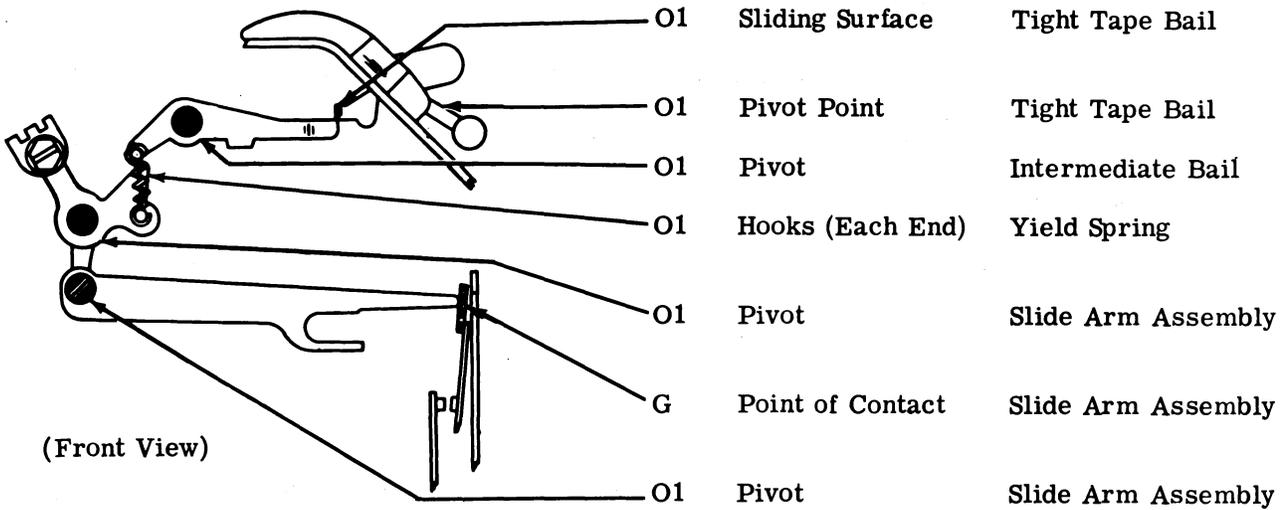
(Front View)

- |     |                  |                     |
|-----|------------------|---------------------|
| O1  | Hooks (Each End) | Feed Lever Spring   |
| SAT | Felt Washer      | Cam Follower Roller |
| O2  | Pivot Point      | Feed Lever          |

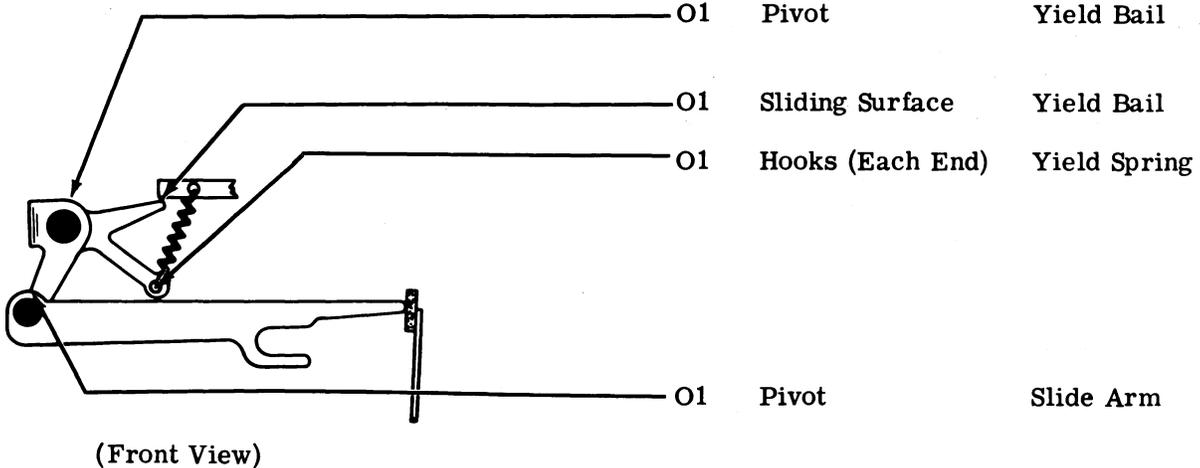
2.15 Tape-Out and Control Mechanism



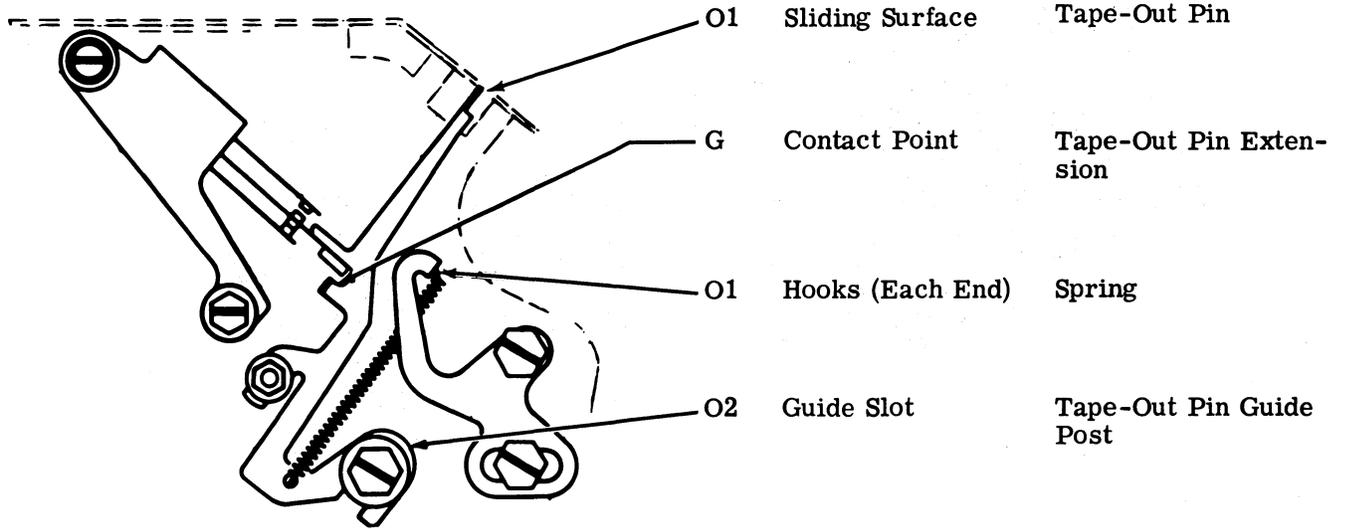
2.16 Tight Tape Slide Arm Assembly



2.17 Start-Stop Slide Arm Assembly

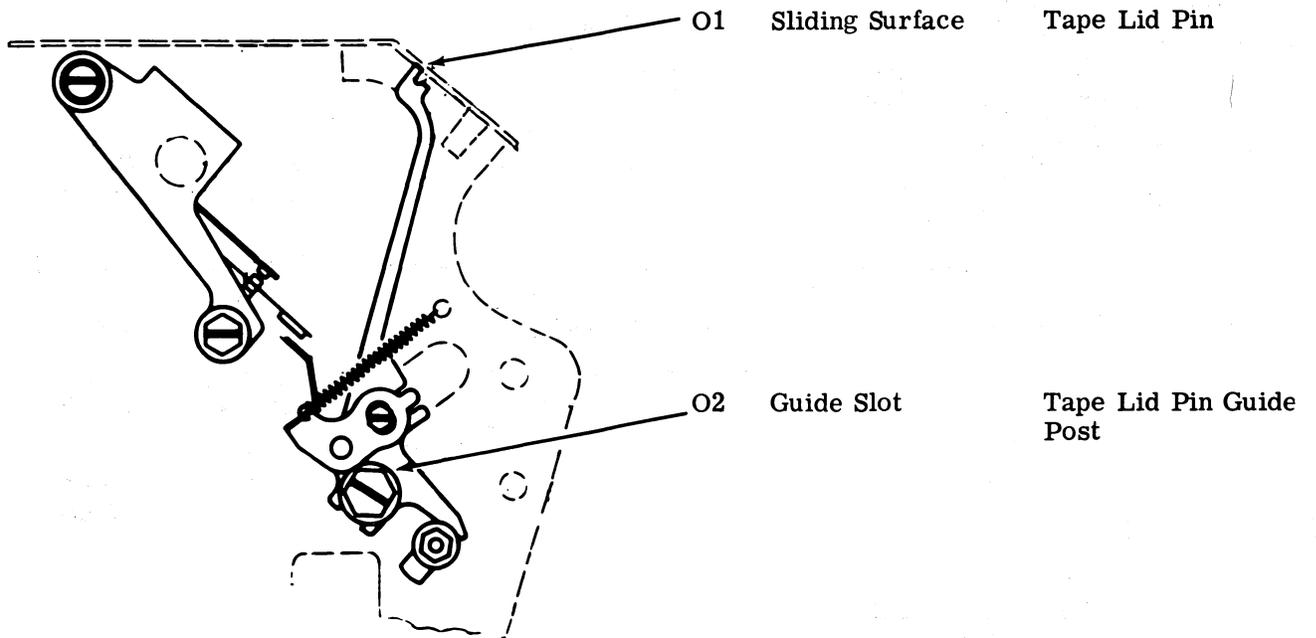


2.18 Tape-Out Mechanism



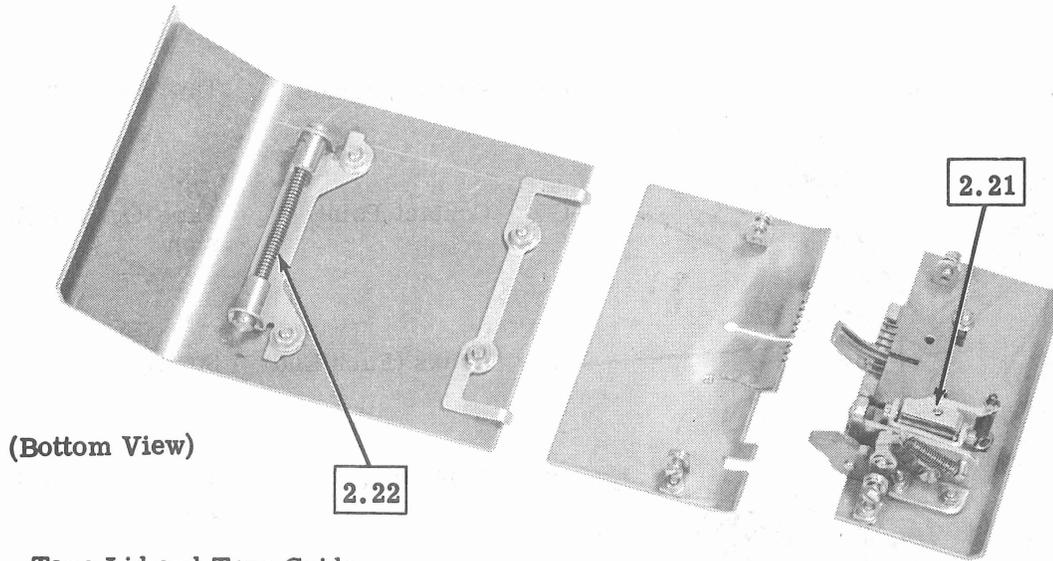
(Front View)

2.19 Tape Lid Mechanism

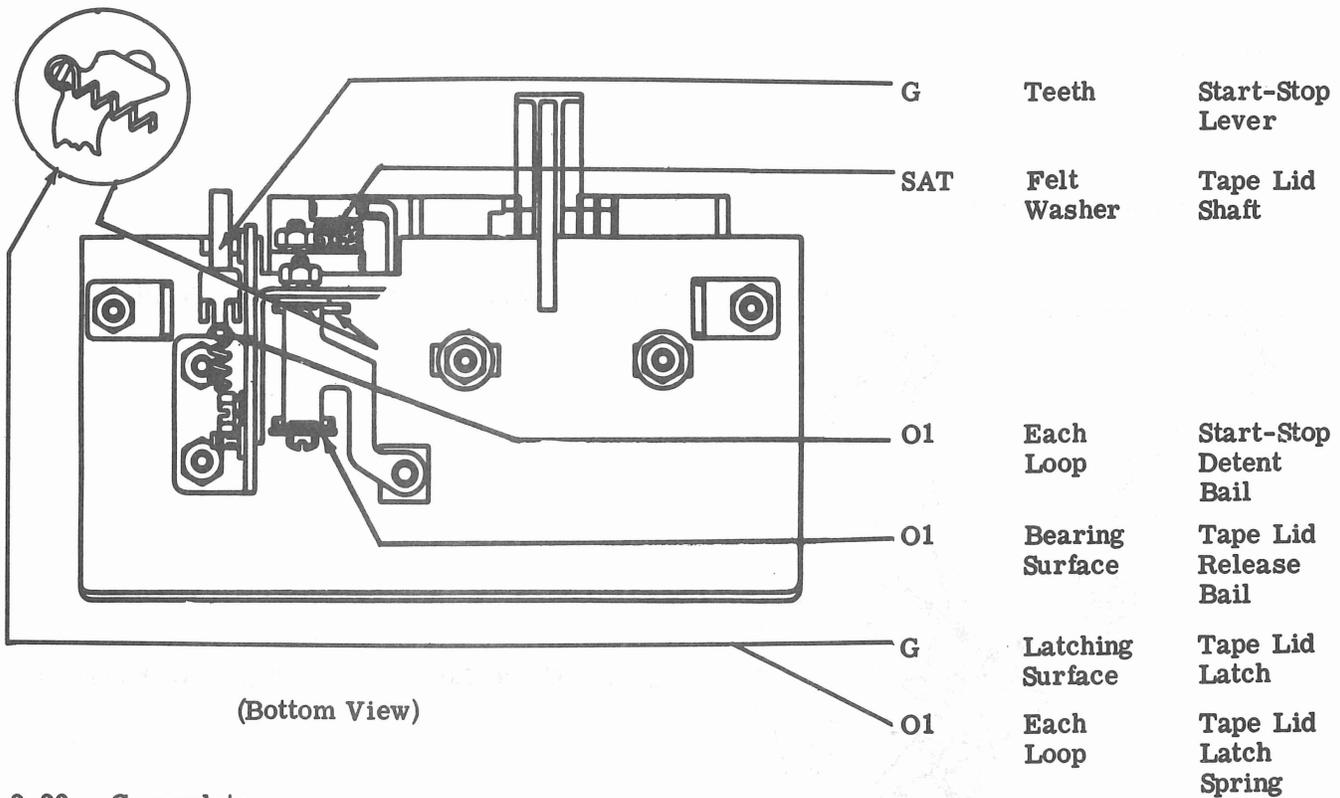


(Front View)

2.20 Tape Lid and Coverplate Area



2.21 Tape Lid and Tape Guide



2.22 Coverplate

