

### 35 REPERFORATOR BASES

#### ADJUSTMENTS

CONTENTS	PAGE
1. GENERAL .....	1
2. RECEIVING-ONLY REPERFORATOR BASE .....	2
Gear mesh .....	3
Motor adjusting stud .....	3
Tape container .....	2
Tape-out lever .....	4
Tape-out lever spring .....	4
Tight-tape arm .....	3
Timing belt .....	2
Switch mechanism mounting plate ..	5
Switch levers .....	5
Switch lever springs .....	4
Wire tape guide .....	3
3. AUXILIARY REPERFORATOR BASE .....	6
Gear bracket .....	6
Low tape switches .....	7
Motor mounting .....	6
Reperforator timing belt .....	6
4. MULTIPLE REPERFORATOR BASE .....	8
Tape-out lever spring .....	9
Tape-out switch assembly .....	9
Timing belt .....	8

#### 1. GENERAL

1.01 This section provides adjustment information for the 35 receiving-only reperforator base, the 35 multiple reperforator base, and the 35 auxiliary reperforator base.

1.02 The adjustments in this section are arranged in a sequence that should be followed if a complete readjustment is undertaken. A complete adjusting procedure should be read before attempting to make the adjustment. After an adjustment is completed, be sure to tighten any nuts or screws that may have been loosened, unless otherwise instructed.

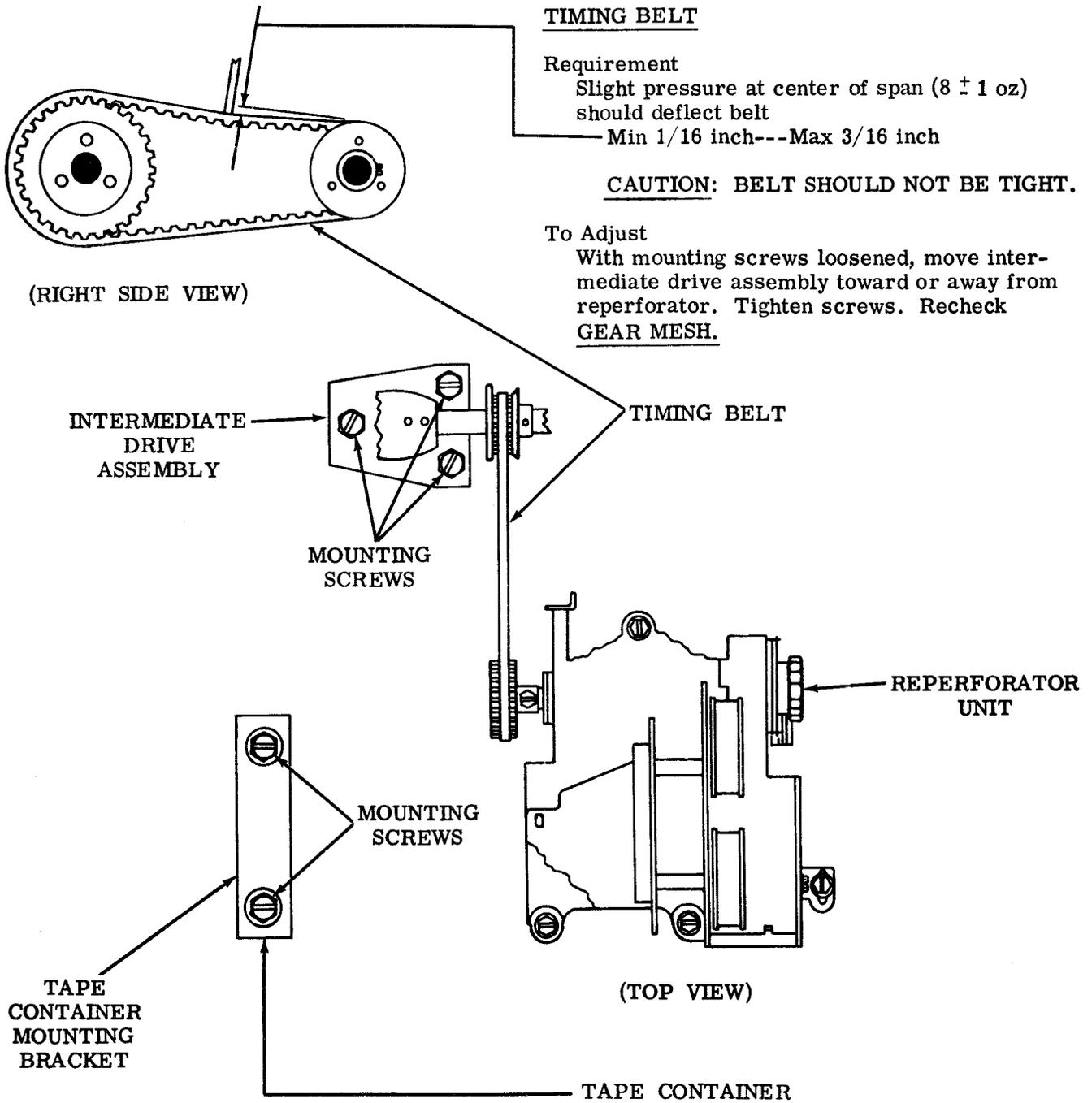
1.03 The adjusting illustrations indicate tolerances, positions of moving parts, spring tensions and the angle at which scales should be applied. The tools required to make adjustments and check spring tensions are not supplied with the equipment, but are listed in another section. Springs which do not meet the requirements, and for which there are no adjusting procedures, should be discarded and replaced by new springs.

1.04 Where adjustment instructions call for removal of components, assemblies, subassemblies or parts, all adjustments which the removal of the parts might facilitate should be made before the parts are replaced or as the equipment is reassembled. When a part mounted on shims is removed, the number of shims and their location should be noted so that the identical pile-up can be made when the part is replaced.

1.05 References made to left or right, up or down, front or rear apply to the unit in its normal operating position as viewed from the operator's position in front of the unit.

2. RECEIVING-ONLY REPERFORATOR BASE

2.01 Tape Container and Timing Belt



TIMING BELT

Requirement

Slight pressure at center of span ( $8 \pm 1$  oz) should deflect belt

Min 1/16 inch---Max 3/16 inch

CAUTION: BELT SHOULD NOT BE TIGHT.

To Adjust

With mounting screws loosened, move intermediate drive assembly toward or away from reperfurator. Tighten screws. Recheck GEAR MESH.

INTERMEDIATE  
DRIVE  
ASSEMBLY

MOUNTING  
SCREWS

TIMING BELT

REPERFORATOR  
UNIT

MOUNTING  
SCREWS

TAPE  
CONTAINER  
MOUNTING  
BRACKET

(TOP VIEW)

TAPE CONTAINER

Requirement

Possible to insert full roll of tape into tape container through access door in dome.

To Adjust

Position tape container with two mounting screws loosened.

2.02 Intermediate Gears and Tight Tape Arm

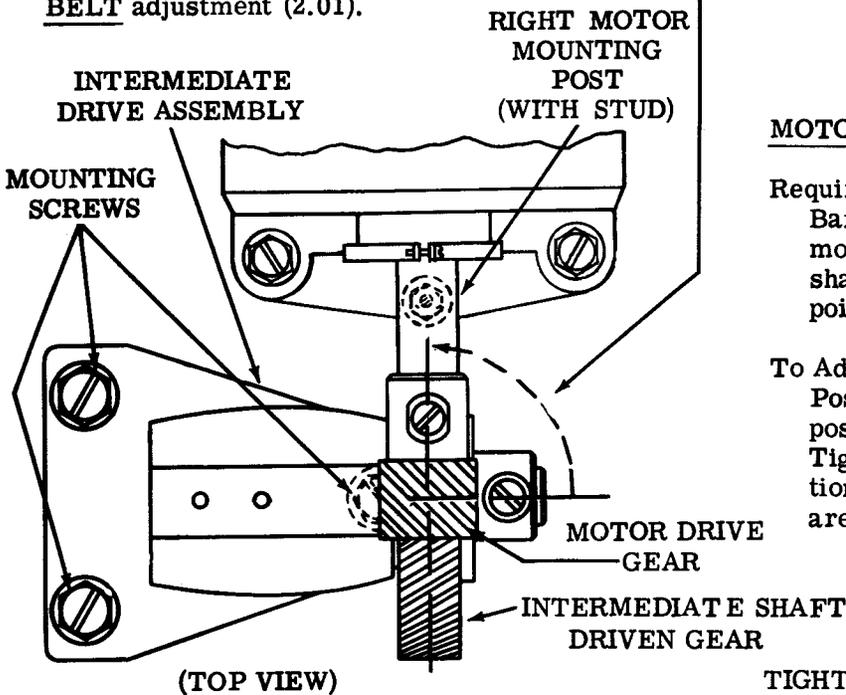
GEAR MESH

Requirement

Motor drive gear and intermediate shaft driven gear should mesh at right angles.

To Adjust

Position drive assembly with mounting screws loosened. Recheck TIMING BELT adjustment (2.01).



WIRE TAPE GUIDE

Requirement

Tape should pass freely through wire guide and be aligned with perforator guide assembly.

To Adjust

Bend or position wire guide.

MOTOR ADJUSTING STUD

Requirement

Barely perceptible backlash between motor drive gear and intermediate shaft driven gear with gears at closest point.

To Adjust

Position stud in right motor mounting post up or down to meet requirement. Tighten nut while holding stud in position. Check that motor mounting screws are tight. Recheck GEAR MESH.

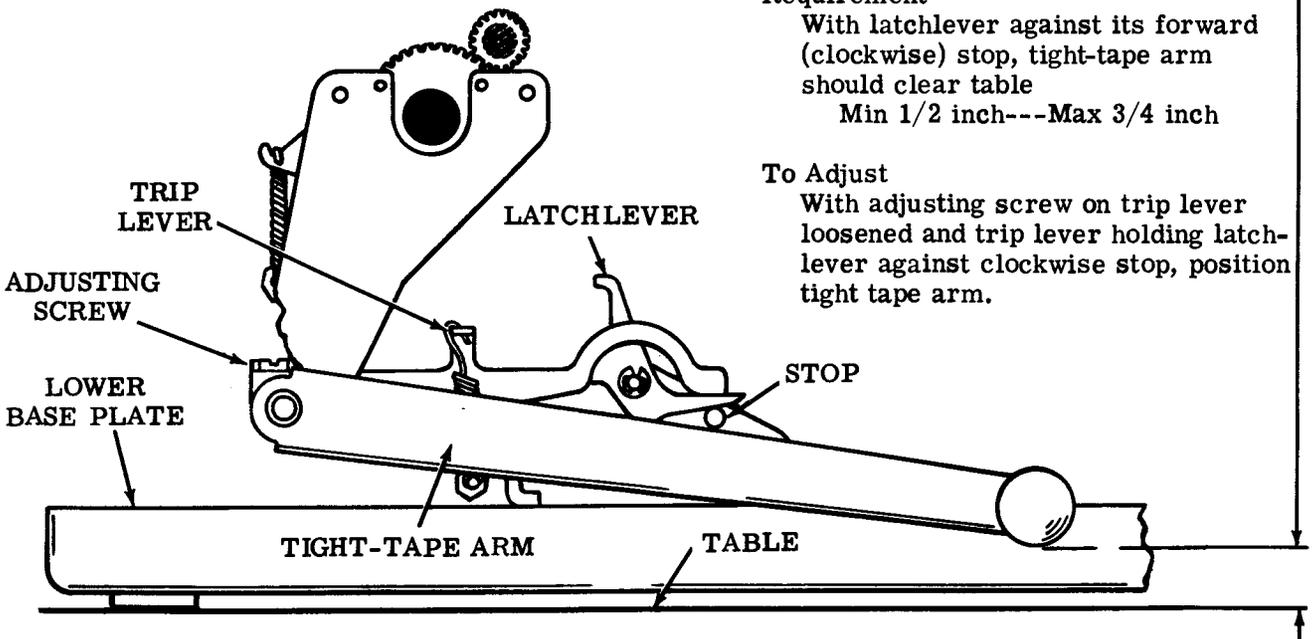
TIGHT-TAPE ARM

Requirement

With latchlever against its forward (clockwise) stop, tight-tape arm should clear table  
Min 1/2 inch---Max 3/4 inch

To Adjust

With adjusting screw on trip lever loosened and trip lever holding latchlever against clockwise stop, position tight tape arm.



2.03 Low Tape Mechanism

TAPE-OUT LEVER

**Requirement**

Tape-out lever should be able to push both switch levers away from switch actuators but should not be able to lift wood filler with depleted tape roll out of slots in tape container.

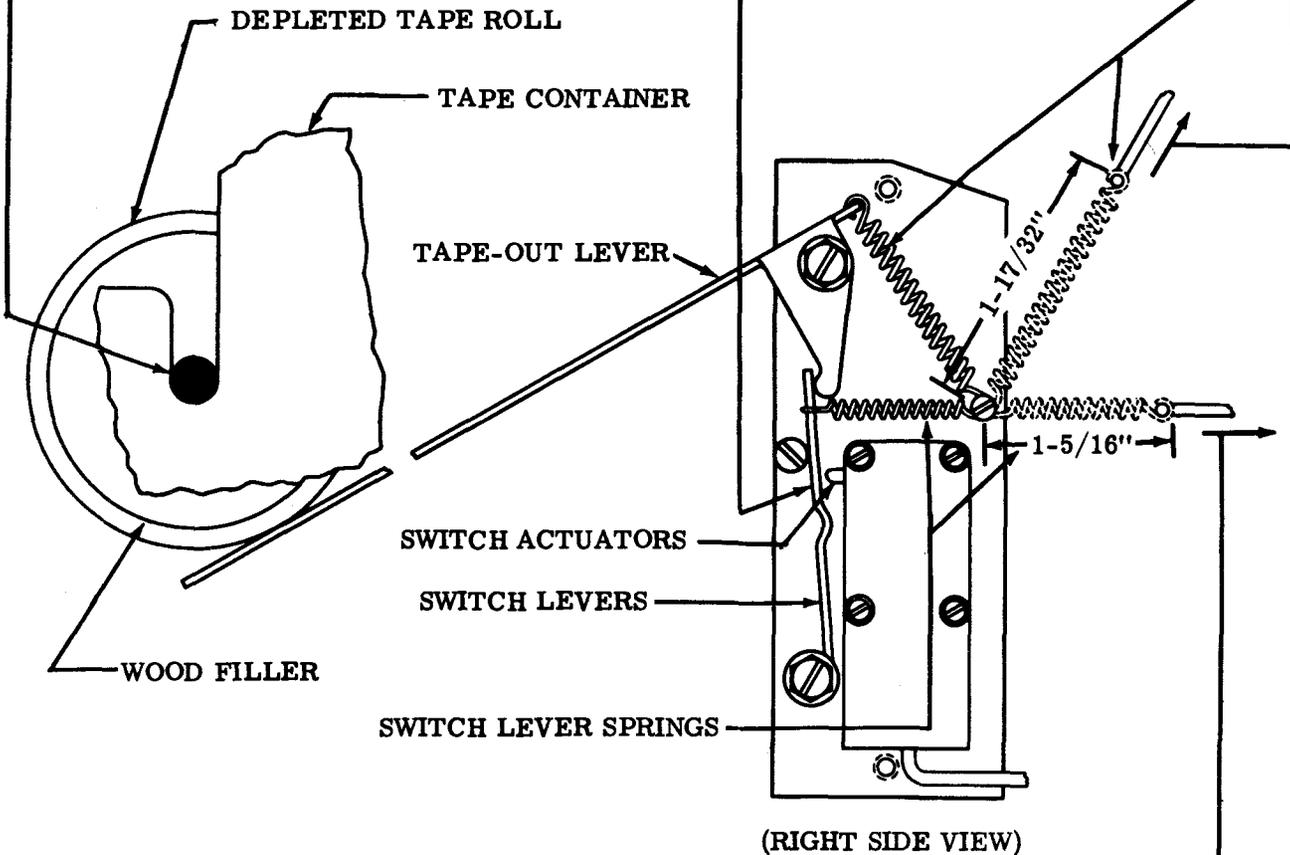
**To Adjust**

If requirement is not met, check TAPE-OUT LEVER and SWITCH LEVER SPRING tensions (below).

TAPE-OUT LEVER SPRING

**Requirement**

Min 6 oz---Max 8 oz  
To pull spring to length of 1-17/32 inches.



SWITCH LEVER SPRINGS (2)

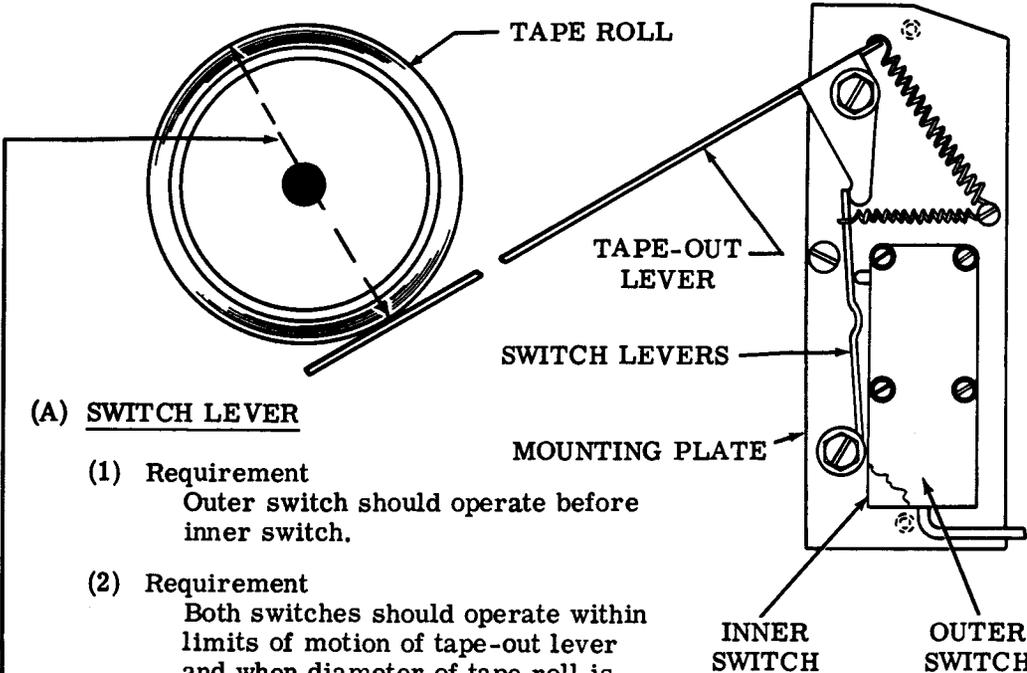
**Requirement**

Min 1-3/4 oz---Max 2-1/4 oz  
To pull spring to length of 1-5/16 inches.

2.04 Low Tape Mechanism - Continued

**Note:** The inner switch is nearest the mounting plate; the outer switch is farthest from the mounting plate.

(RIGHT SIDE VIEW)



(A) SWITCH LEVER

- (1) Requirement  
Outer switch should operate before inner switch.
- (2) Requirement  
Both switches should operate within limits of motion of tape-out lever and when diameter of tape roll is reduced to first, 2-7/16 inches, then to 2-5/16 inches (when using a 2-inch diameter core).

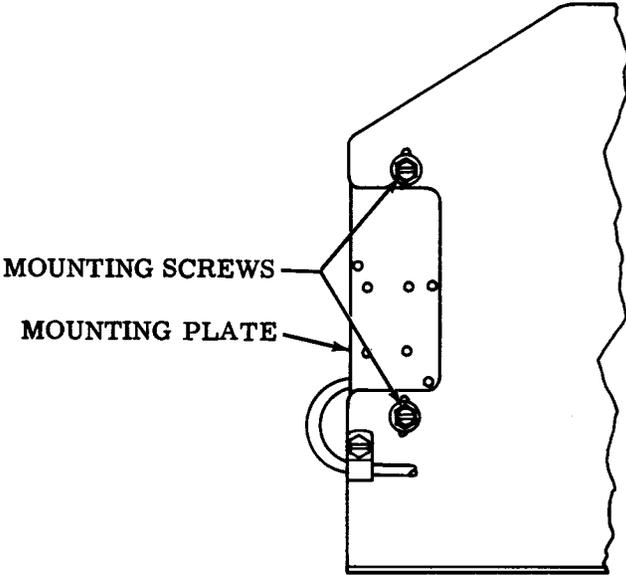
To Adjust  
Bend outer switch lever toward switch assembly.

Note: Adjustment can be facilitated by removing switch mechanism from tape container.

(B) SWITCH MECHANISM MOUNTING PLATE

- Requirement  
Outer switch should just operate when diameter of tape roll is reduced to 2-3/8 inches when using a 2-inch diameter core.

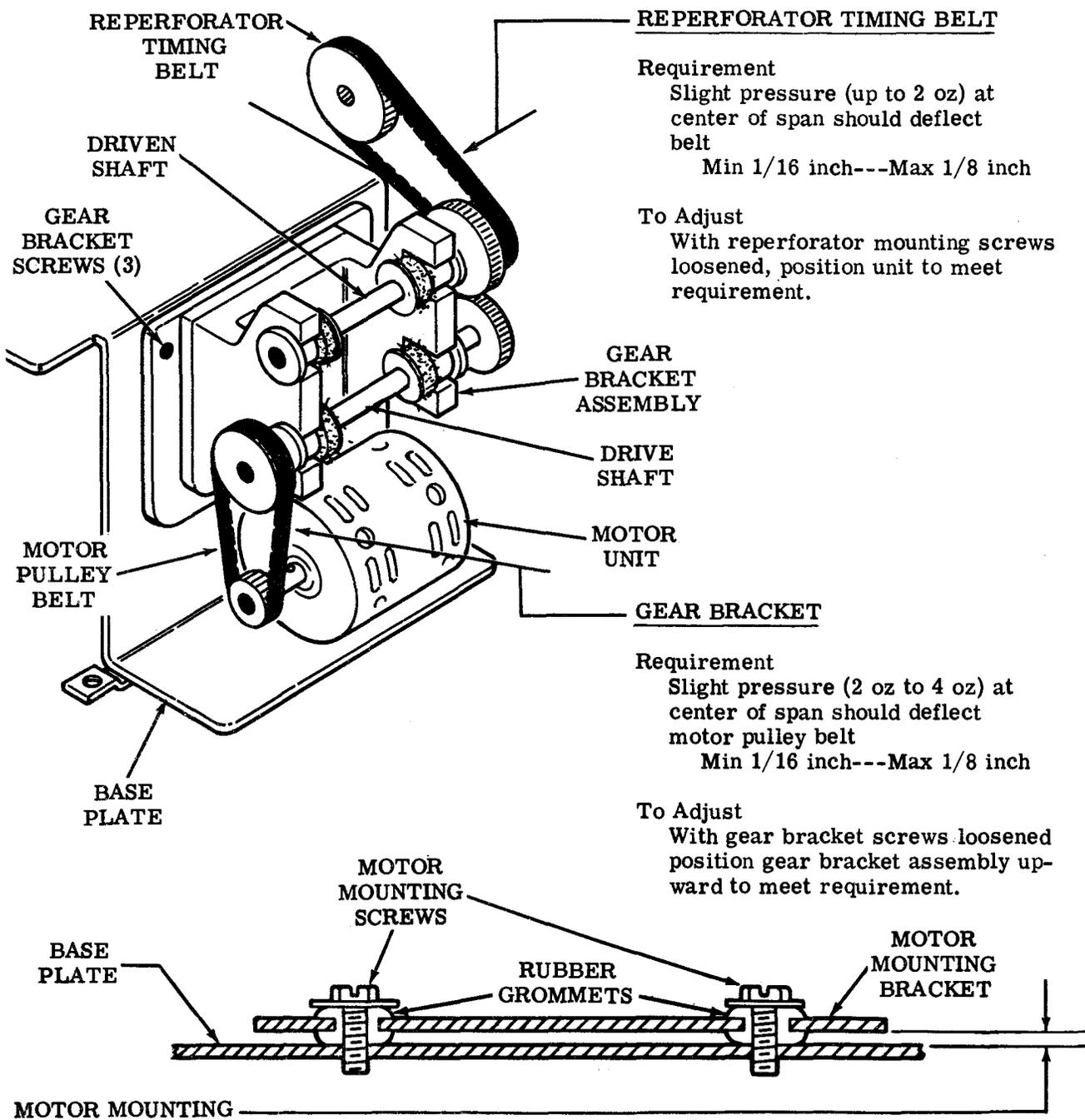
To Adjust  
Position mounting plate with mounting screws loosened.



(LEFT SIDE VIEW)

3. AUXILIARY REPERFORATOR BASE

3.01 Gear Bracket Assembly and Motor Mounting



**REPERFORATOR TIMING BELT**  
 Requirement  
 Slight pressure (up to 2 oz) at center of span should deflect belt  
 Min 1/16 inch---Max 1/8 inch

To Adjust  
 With reperforator mounting screws loosened, position unit to meet requirement.

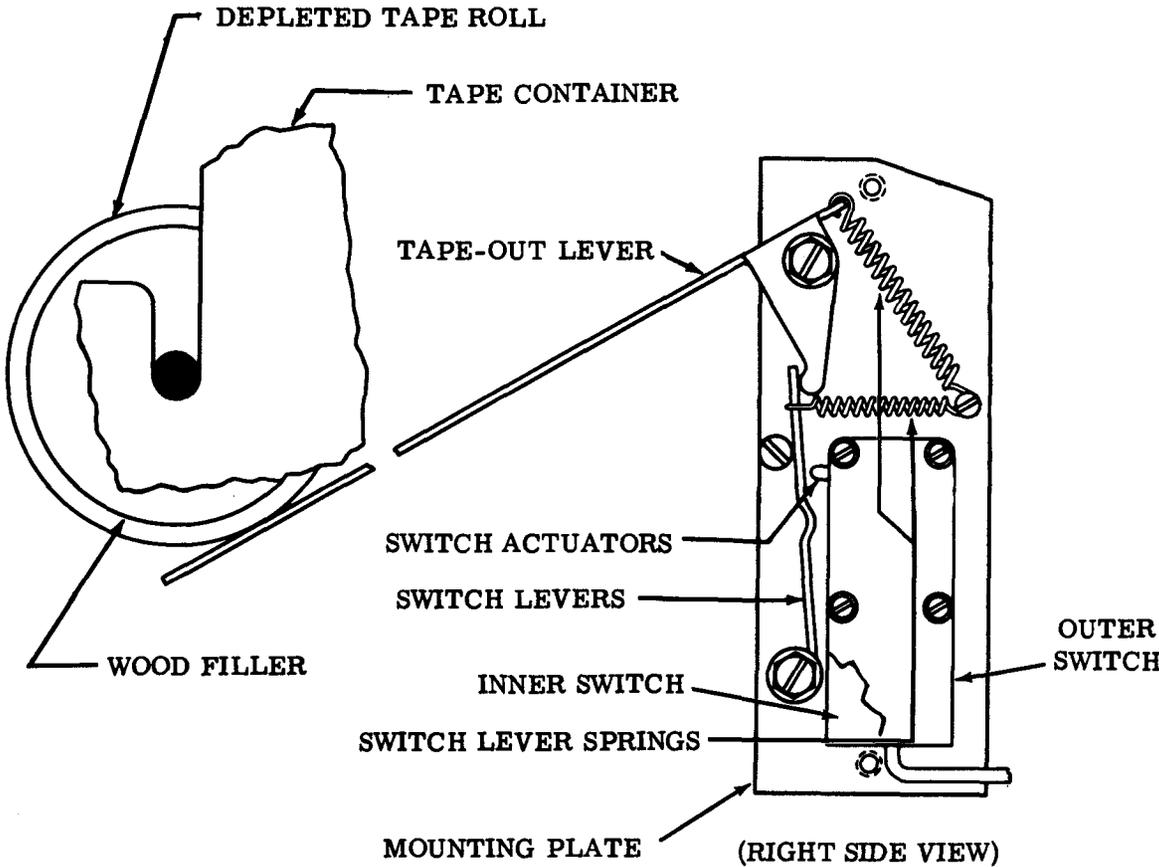
**GEAR BRACKET**  
 Requirement  
 Slight pressure (2 oz to 4 oz) at center of span should deflect motor pulley belt  
 Min 1/16 inch---Max 1/8 inch

To Adjust  
 With gear bracket screws loosened position gear bracket assembly upward to meet requirement.

**MOTOR MOUNTING**  
 Requirement  
 Motor mounting bracket should be spaced  
 Min 0.030 inch---Max 0.060 inch from base plate.

To Adjust  
 Tighten or loosen motor mounting screws to meet requirement.

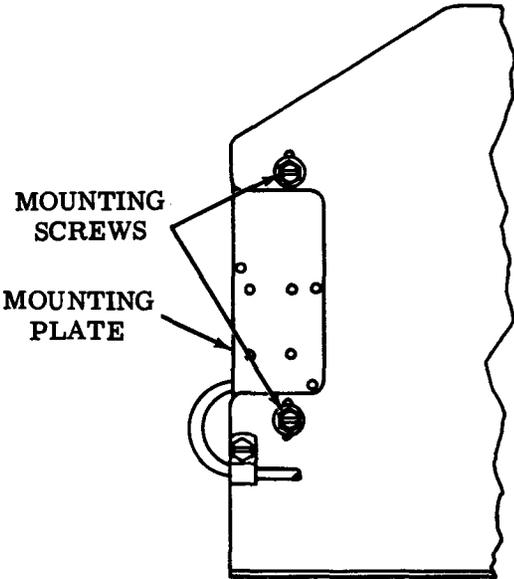
3.02 Low Tape Mechanism



LOW TAPE SWITCHES

- (1) Requirement  
Outer switch must operate first.
- (2) Requirement  
Inner switch should just close when tape is depleted to a diameter of between 2-5/16 inches and 2-7/16 inches.

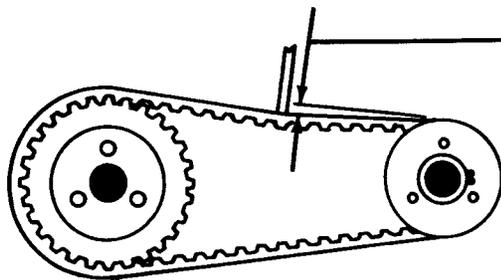
To Adjust  
Bend switch actuator to meet requirement (1). Position mounting plate with mounting screws loosened to meet requirement (2).



4. MULTIPLE REPERFORATOR BASE

4.01 Timing Belt

Note: This adjustment should be made for each typing reperforator unit.



(RIGHT SIDE VIEW)

TIMING BELT

Requirement

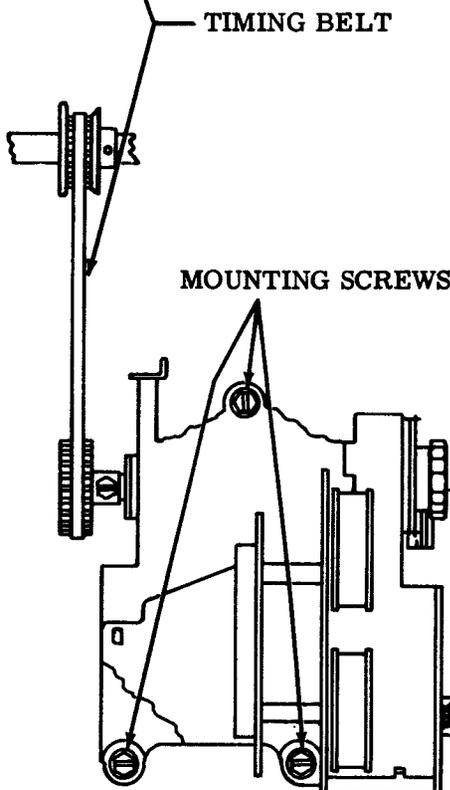
Slight pressure at center of span ( $8 \pm 1$  oz) should deflect belt

Min  $3/32$  inch---Max  $5/32$  inch

CAUTION: BELT SHOULD NOT BE TIGHT.

To Adjust

With two anchor bracket screws and three mounting screws loosened, position typing reperforator unit. Tighten three mounting screws. Press anchor bracket against base plate and tighten screw holding bracket to reperforator. Tighten screw holding bracket to base.

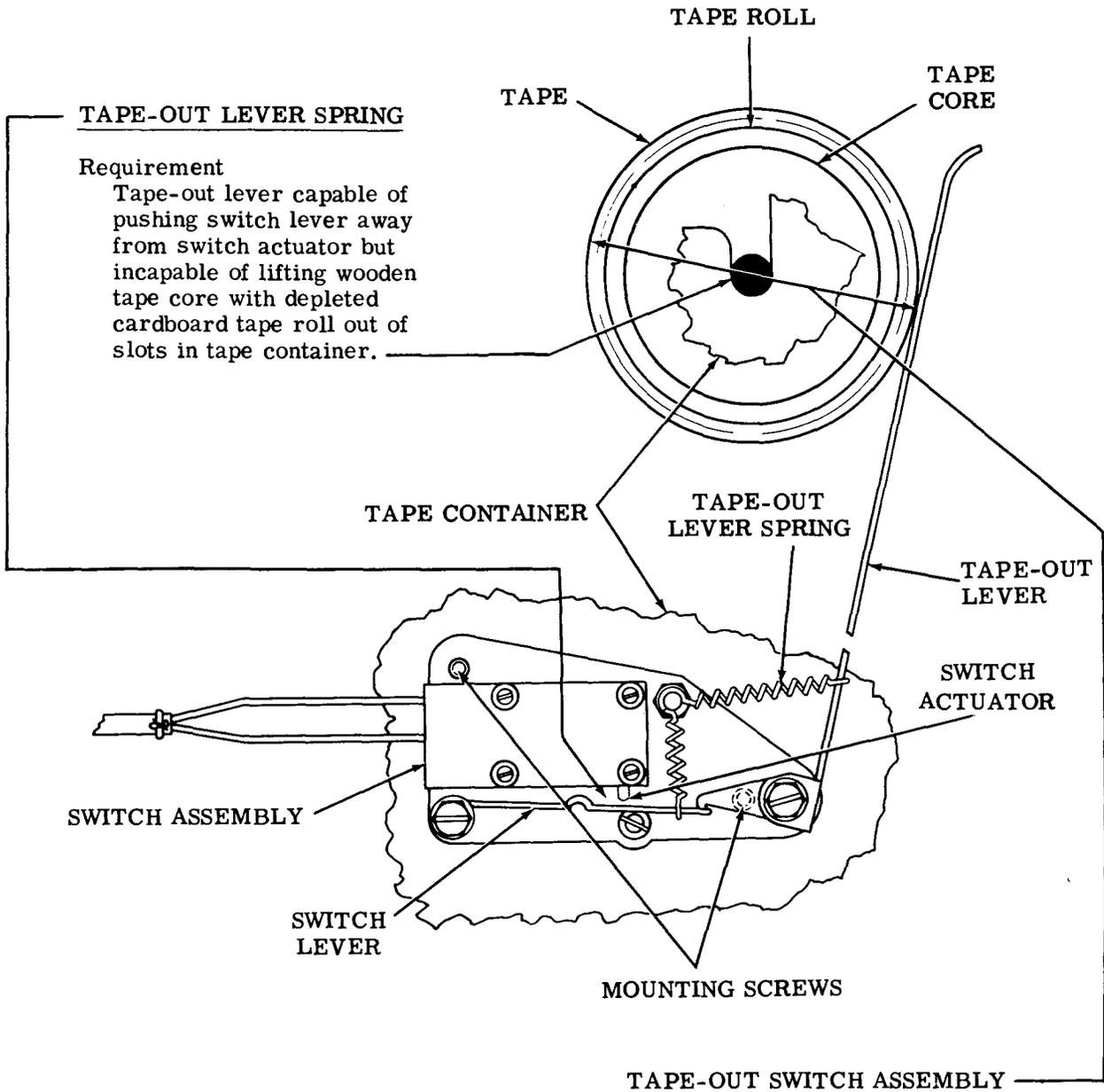


(TOP VIEW)

TYPING REPERFORATOR UNIT

ANCHOR BRACKET SCREWS

4.02 Low Tape Mechanism



**Requirement**  
Switch should operate when diameter of tape roll is  
Min 2-3/8 inch---Max 2-5/8 inch.  
(Check with test lamp.)

**To Adjust**  
With two mounting screws loosened, position switch assembly on tape container.