

28 AND 35 MULTIMAGNET NONTYPING REPERFORATOR BASE

ADJUSTMENTS

CONTENTS	PAGE
1. GENERAL . . . . .	1
2. ADJUSTMENTS . . . . .	2
Capacitor position . . . . .	2
Base and motor . . . . .	3
Tape-out mechanism . . . . .	4, 5
Tape winder . . . . .	6, 7

1. GENERAL

1.01 This section provides adjustment requirements for the multimagnet nontyping reperforator base and motor unit.

1.02 After an adjustment has been completed, be sure to tighten any nuts or screws that may have been loosened.

1.03 Tools required to perform the adjustments are listed in the appropriate section but are not supplied as part of the equipment.

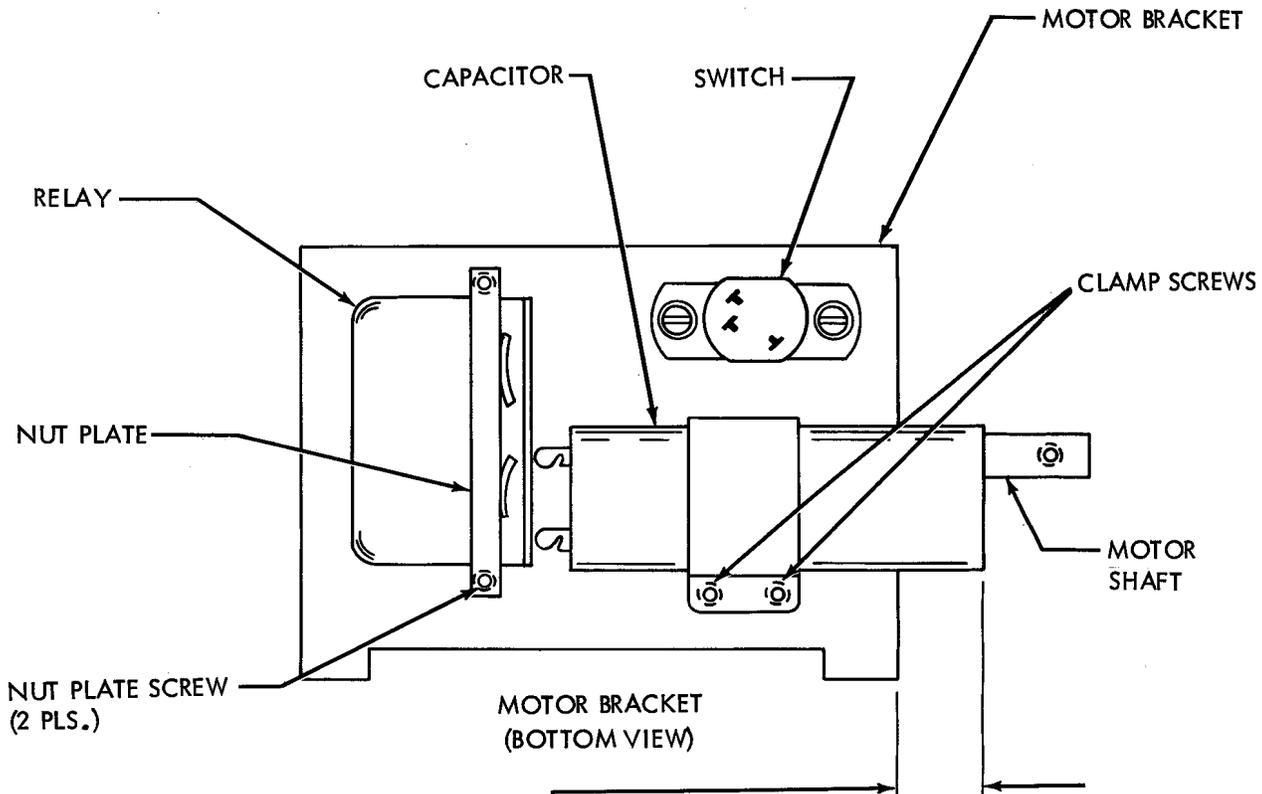
1.04 If parts or assemblies are removed to facilitate the making of an adjustment and subsequently replaced, recheck any adjustment that may have been affected by the removal of those parts or assemblies.

1.05 References made to left or right, front or rear, up or down, etc., apply to the base in its normal operating position as viewed from the operator's position in front of the base with the motor to the rear of the base and motor driven gear to the right.

1.06 Adjustment line drawings show the adjusting tolerances and position of parts. The drawings are arranged in the sequence that should be followed when making a complete re-adjustment. When a drawing shows inter-related parts, the sequence that should be followed in checking the requirements and making the adjustments is indicated by the letters (A), (B), etc.

2. ADJUSTMENTS

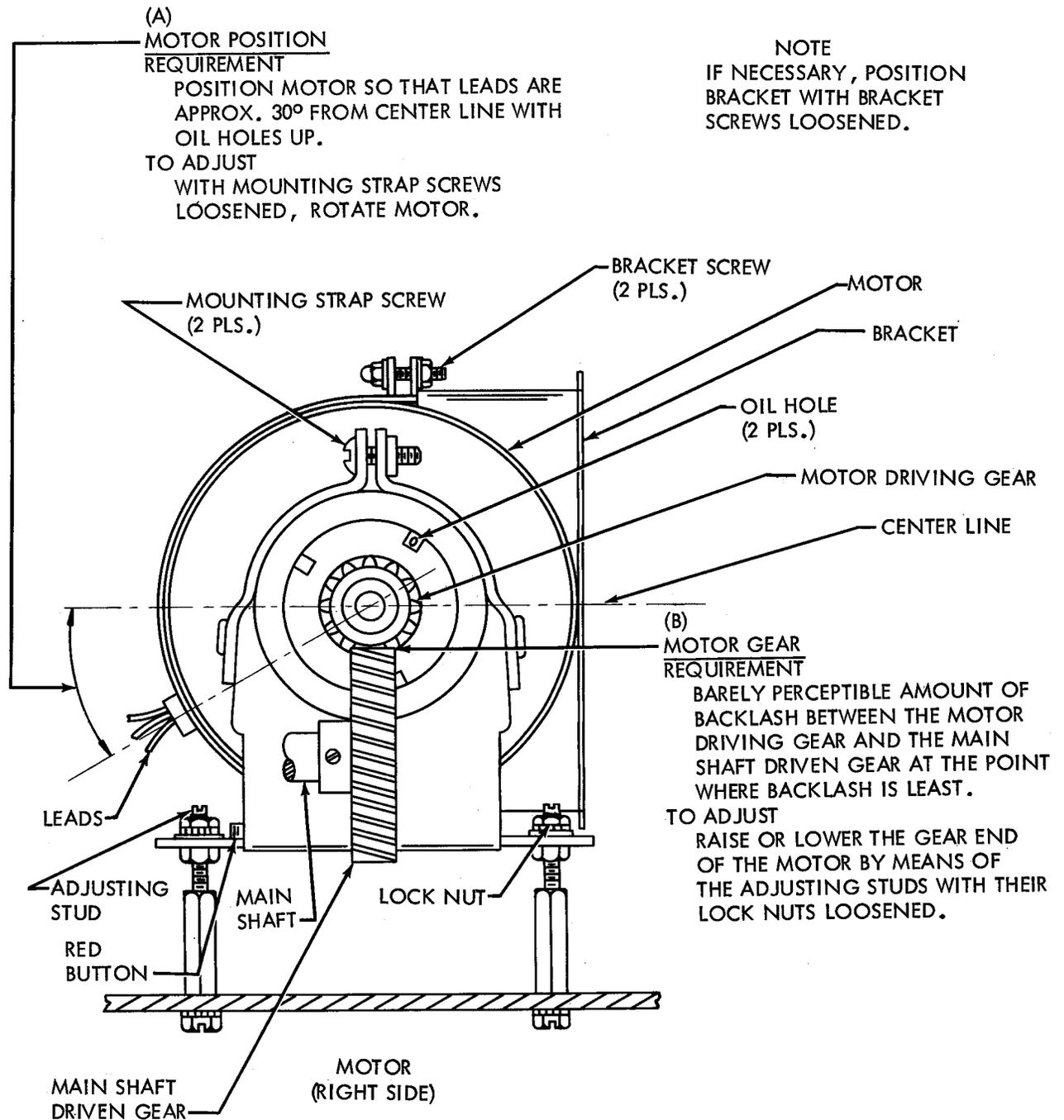
2.01 Capacitor Position



CAPACITOR POSITION  
REQUIREMENT

MAX. 1/2 INCH BETWEEN MOTOR  
BRACKET AND END OF CAPACITOR.  
TO ADJUST  
POSITION RELAY AND CAPACITOR  
WITH MOTOR REMOVED FROM  
MOTOR BRACKET AND NUT PLATE  
AND CLAMP SCREWS LOOSENED.

2.02 Base and Motor



2.03 Tape-out Mechanism

(A) TAPE-OUT LEVER

REQUIREMENT

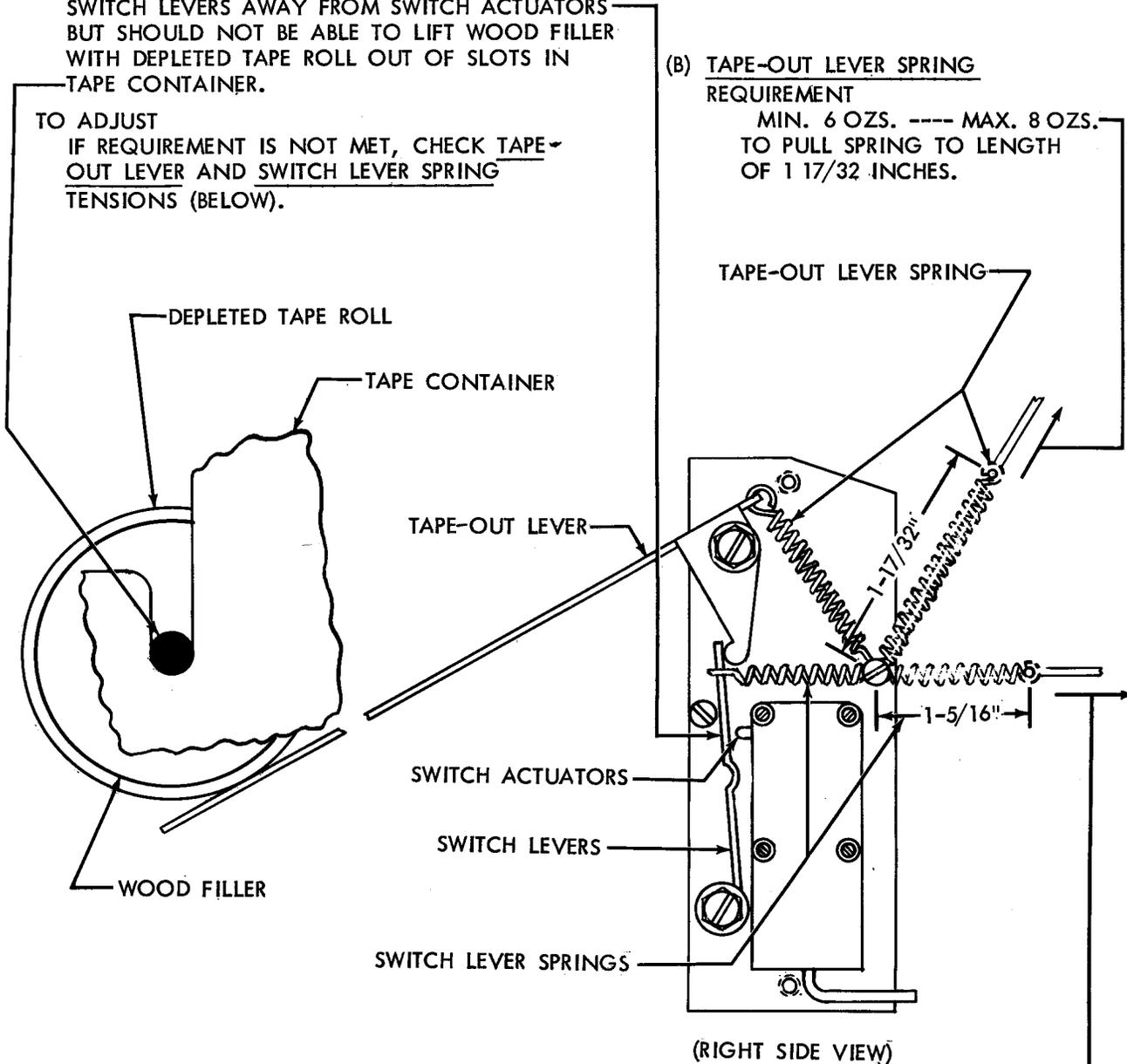
TAPE-OUT LEVER SHOULD BE ABLE TO PUSH BOTH SWITCH LEVERS AWAY FROM SWITCH ACTUATORS BUT SHOULD NOT BE ABLE TO LIFT WOOD FILLER WITH DEPLETED TAPE ROLL OUT OF SLOTS IN TAPE CONTAINER.

TO ADJUST IF REQUIREMENT IS NOT MET, CHECK TAPE-OUT LEVER AND SWITCH LEVER SPRING TENSIONS (BELOW).

(B) TAPE-OUT LEVER SPRING

REQUIREMENT

MIN. 6 OZS. ---- MAX. 8 OZS.  
TO PULL SPRING TO LENGTH OF  $1 \frac{17}{32}$  INCHES.



(C) SWITCH LEVER SPRINGS (2)

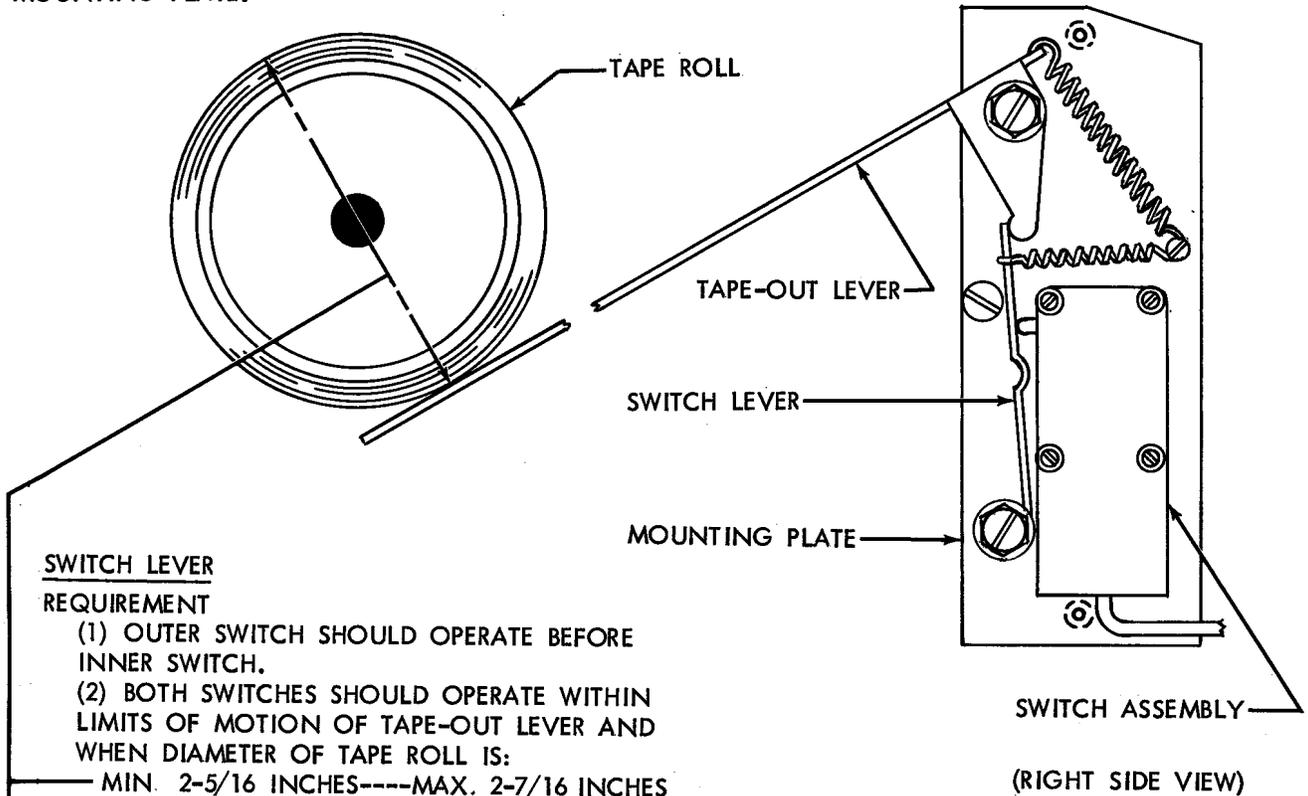
REQUIREMENT

MIN.  $1 \frac{3}{4}$  OZS. ---- MAX.  $2 \frac{1}{4}$  OZS.  
TO PULL SPRING TO LENGTH OF  $1 \frac{5}{16}$  INCHES.

2.04 Tape-out Mechanism (continued)

NOTE:

THE INNER ELEMENTS ARE THESE NEARER THE MOUNTING PLATE; THE OUTER ELEMENTS, THOSE FARTHER FROM THE MOUNTING PLATE.



SWITCH LEVER

REQUIREMENT

- (1) OUTER SWITCH SHOULD OPERATE BEFORE INNER SWITCH.
- (2) BOTH SWITCHES SHOULD OPERATE WITHIN LIMITS OF MOTION OF TAPE-OUT LEVER AND WHEN DIAMETER OF TAPE ROLL IS:
  - MIN. 2-5/16 INCHES --- MAX. 2-7/16 INCHES WHEN USING A 2-INCH DIAMETER CORE OR
  - MIN. 1-5/16 INCHES -- MAX. 1-7/16 INCHES WHEN USING A 1-INCH DIAMETER CORE.

TO ADJUST

BEND OUTER SWITCH LEVER TOWARD SWITCH ASSEMBLY.

NOTE:

ADJUSTMENT CAN BE FACILITATED BY REMOVING SWITCH MECHANISM FROM TAPE CONTAINER.

SWITCH MECHANISM MOUNTING PLATE

REQUIREMENT

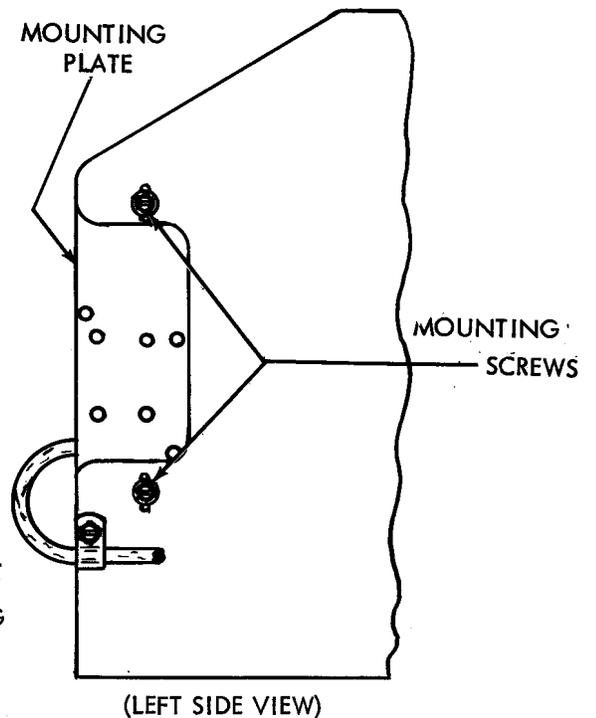
- OUTER SWITCH SHOULD JUST OPERATE WHEN DIAMETER OF TAPE ROLL IS REDUCED TO APPROXIMATELY 2-3/8 INCHES. WHEN USING A 2-INCH DIAMETER CORE OR APPROXIMATELY 1-3/8 INCHES WHEN USING A 1-INCH DIAMETER CORE.

TO ADJUST

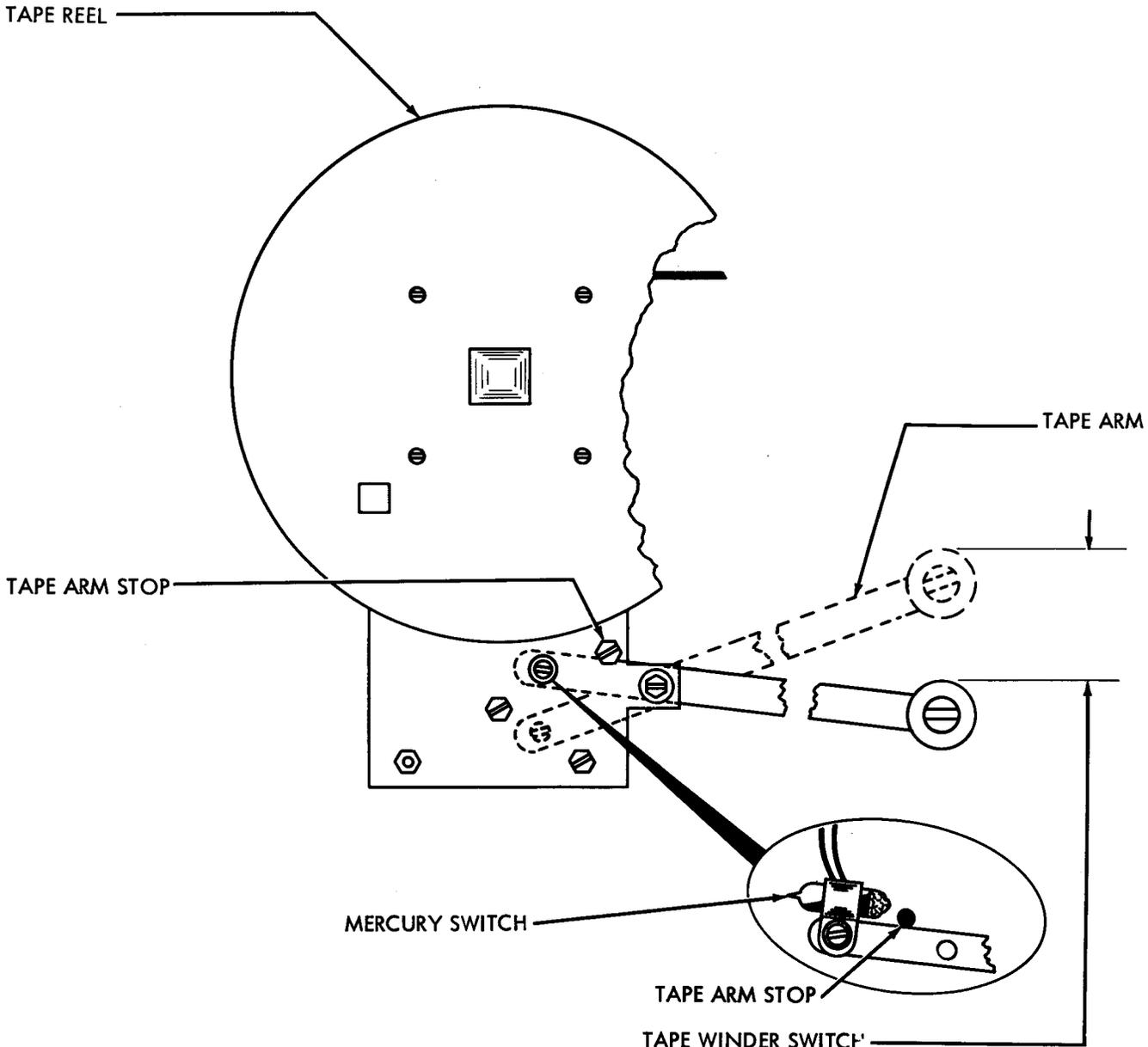
BEND OUTER SWITCH TOWARD SWITCH ASSEMBLY.

NOTE:

ADJUSTMENT CAN BE FACILITATED BY REMOVING SWITCH MECHANISM FROM TAPE CONTAINER.



2.05 Tape Winder



**TAPE WINDER SWITCH REQUIREMENT**

WITH UNIT RESTING IN A LEVEL POSITION, POWER ON AND TAPE WINDER MOTOR RUNNING THE MERCURY SWITCH SHOULD BREAK THE CIRCUIT TO THE MOTOR WHEN THE TAPE ARM IS  
MIN. 1 INCH  
MAX. 1-1/2 INCH  
FROM ITS BOTTOM POSITION

**TO ADJUST**

POSITION MERCURY SWITCH WITH ITS CLAMP SCREW LOOSENED. SCREW MAY BE REACHED WITH SCREWDRIVER THROUGH HOLE IN PLATE

2.06 Tape Winder (continued)

