

PAPER WINDERS - 15 TYPE
REQUIREMENTS AND ADJUSTMENTS

1. GENERAL

1.01 This section gives the requirements and adjustments for the maintenance of the 15-type paper winders. This section together with the section covering the general requirements and adjustments for teletypewriter apparatus provides complete information for the maintenance of these winders.

1.02 The paper winders are completely adjusted at the factory. The adjustment information that follows should be used by the installer for checking purposes, however, and will be required in connection with subsequent maintenance.

2. REQUIREMENTS AND ADJUSTMENTS

2.01 Spindle Shaft Endplay, Friction Clutch Torque, Paper Cylinder Adjustment, Latch Spring Tension and Slack Rod Lever Spring Tension.

(A) SPINDLE SHAFT END PLAY
 REQUIREMENT

WITH PLAY OF SHAFT TAKEN UP AWAY FROM MOTOR. THERE SHALL BE APPROX. 1/32" CLEARANCE BETWEEN SHOULDER ON SHAFT AND FRICTION DRIVE ASSEMBLY.

TO ADJUST

POSITION BEARING BRACKET BY MEANS OF ITS ELONGATED MOUNTING HOLES.

(C) FRICTION CLUTCH TORQUE
 TO CHECK

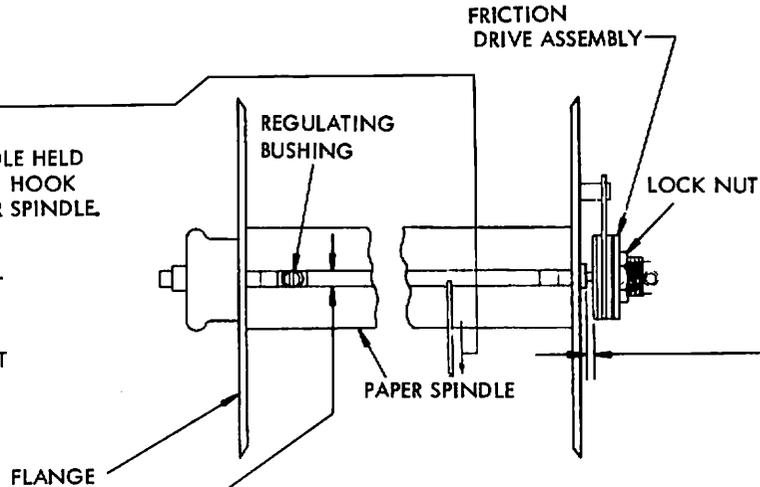
RUN PAPER WINDER WITH SPINDLE HELD STATIONARY FOR 10 MINUTES. HOOK 8 OZ. SCALE IN SLOT OF PAPER SPINDLE.

REQUIREMENT

5 TO 7 OZS. TO HOLD PAPER SPINDLE STATIONARY AGAINST MOTOR ROTATION.

TO ADJUST

WITH LOCK NUT LOOSE ADJUST CAPSTAN NUT TO MEET REQUIREMENT.

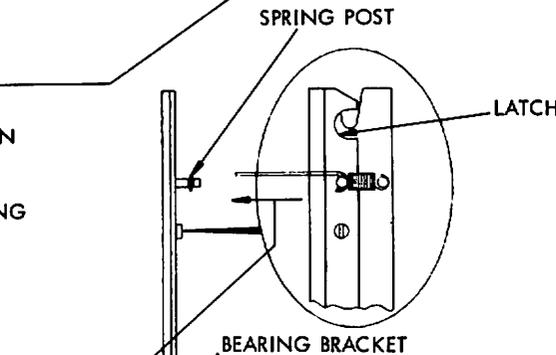


(E) PAPER CYLINDER ADJUSTMENT
 REQUIREMENT

SUFFICIENT TENSION TO RETAIN CYLINDER FLANGE

TO ADJUST

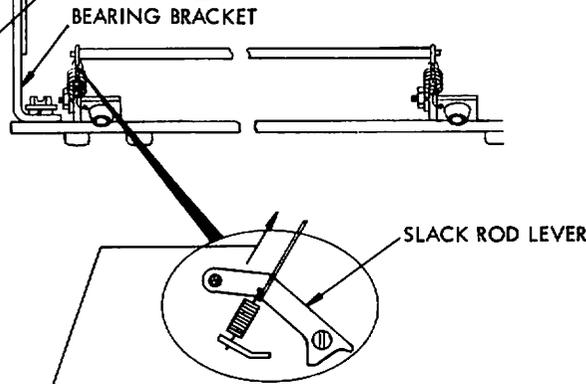
POSITION REGULATING BUSHING WITH SET SCREW LOOSE TO DESIRED TENSION.



(D) LATCH SPRING TENSION
 REQUIREMENT

WITH PAPER SPINDLE REMOVED, HOOK 32 OZ. SCALE OVER SPRING POST ON LATCH. PULL HORIZONTALLY AS INDICATED.

MIN. 22 OZ. --- MAX. 30 OZ. TO START LATCH MOVING.



(B) SLACK ROD LEVER SPRING TENSION
 REQUIREMENT

HOOK 32 OZ. SCALE UNDER SLACK ROD LEVER AT SPRING HOLE AND PULL IN LINE WITH SPRING

MIN. 19 OZS. --- MAX. 23 OZS.

TO START LEVER MOVING. CHECK BOTH SIDES