

Fig. 11-8 Pinch roller stroke adjustment

(7) Loosen the pinch roller height adjusting screw shown in Fig. 12.1 and adjust by moving the shaft upwards or downwards to obtain the values specified in Fig. 11.9.

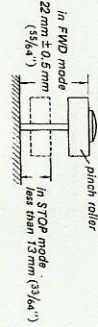


Fig. 11-9 Pinch roller height adjustment

* Dummy Capstan

As the pinch roller stroke adjustment and the pinch roller pressure check require the dummy capstan, make it as follows:

Prepare a flywheel Assy (for TC-366) and remove the capstan shaft (dummy capstan) from the flywheel Assy by putting the head of the capstan shaft with the hammer, taking care not to bend the shaft. Flywheel Assy Part No.: X-34720-03

11-5. Pinch Roller Pressure Check

- In STOP mode -

(1) Put the dummy capstan * into the capstan bearing and be sure that the clearance between the pinch levers (A) and (B) is approx. 0.5mm ($1/4$ inch).

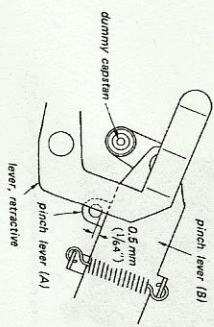


Fig. 11-10 Pinch roller pressure check

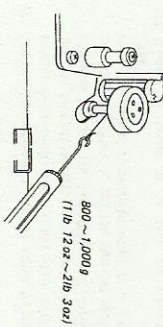


Fig. 11-11 Pinch roller pressure check

Be sure that the tension gauge indicates 800~1,000g (1lb 12oz~2lb 3oz) when the pinch roller is detached from the capstan in FWD mode.

11-6. Tape Shifter Position Adjustment

- In STOP mode -

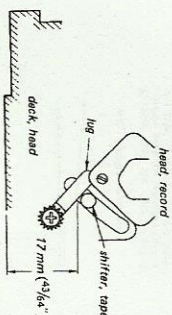


Fig. 11-12 Tape shifter position adjustment

11-7. Speed Selector Cam Position Adjustment

- In FWD mode -

Adjust the screw to locate the idler arm (c) pin at the center position between the two stopper slots shown, at 19 cm/s tape speed.

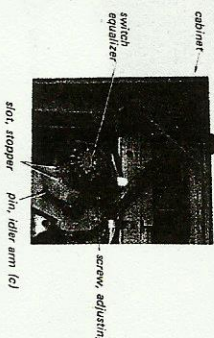


Fig. 11-13 Speed selector cam position adjustment

11-8. Instant Stop Adjustment

- In STOP mode -

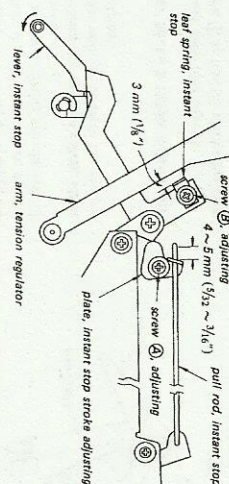


Fig. 11-14 Instant stop adjustment

- (1) Be sure that the tension regulator adjustment has been made.
- (2) Adjust the screw (a) so that the distance between the top of the instant stop pull rod and the instant stop stroke adjusting plate is 4~5mm ($1/2 \sim 3/16$ inch) in STOP mode.
- (3) Be sure that the clearance between the pinch roller and the capstan is more than 1mm ($3/64$ inch) when pulling the instant stop lever in FWD mode, and the instant stop knob is not locked when pulling it in STOP mode.
- (4) Adjust the screw (b) so that the clearance between the tension regulator arm and the instant stop leaf spring is 3mm ($1/8$ inch) in STOP mode.
- (5) After the adjustment, apply lock paint to the screws.

11-9. Bias Switch Position Adjustment

(1) Loosen the two screws and adjust by positioning the switch.

(2) Be sure that the switch is in ON position in FWD mode, and when the function selector knob is changed slowly from FWD to STOP, the record knob is released after the switch is in OFF.

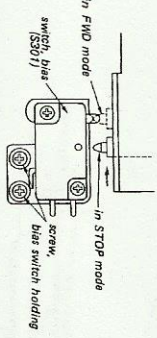


Fig. 11-15 Bias switch position adjustment

11-10. Bias Timing Switch Position Adjustment

- In FWD mode -

Loosen the two screws and adjust by positioning the switch.

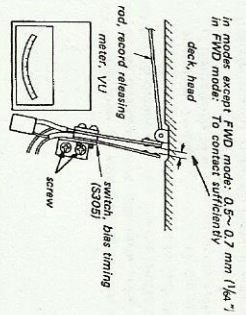


Fig. 11-16 Bias timing switch position adjustment

11-11. Idler Arm (c) Stroke Check

- In FWD mode at 4.8 cm/s (1 1/2 ips) tape speed -

with 50 Hz use: more than 0.6 mm ($1/4$ inch)
with 60 Hz use: same clearance

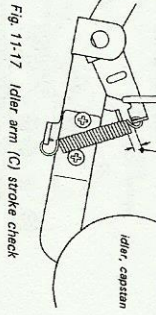


Fig. 11-17 Idler arm (c) stroke check