

11-12. Capstan Idler Position Adjustment

- In FWD mode -

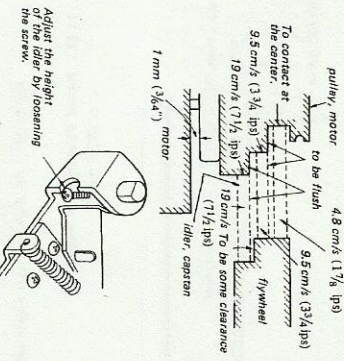


Fig. 11-18. Capstan idler position adjustment

After the adjustment, be sure that the capstan idler does not come in contact with the flywheel and the motor pulley in STOP mode with 60 Hz use and the clearance between the capstan idler and the motor pulley is more than 3 mm (1/8") in STOP mode with 50 Hz use.

11-13. Reel Table Height Adjustment

- In FWD, REW & FF modes -

- (1) Adjust the height of the reel table by loosening the screw so that the tape does not come in contact with the reel in FWD, REW & FF modes.
- (2) Perform the back-tension and torque adjustments.
- (3) After the adjustment, apply lock paint to the screw.

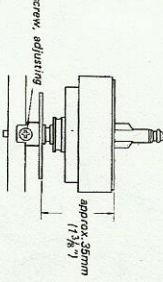


Fig. 11-19. Reel table height adjustment

11-14. Take-up Back-tension Adjustment

- In REW mode -

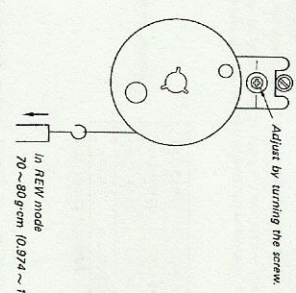


Fig. 11-20. Take-up back-tension adjustment

After the adjustment, perform the FWD torque adjustment and apply lock paint to the screw.

11-15. FWD Torque Adjustment

- In FWD mode -

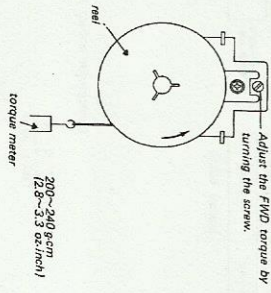


Fig. 11-21. FWD torque adjustment

After the adjustment, check the take-up back-tension torque and apply lock paint to the screw.

11-16. Scrape Filter Roller Check

- In FWD mode at 4.8 cm/s (1 7/8 ips) tape speed -

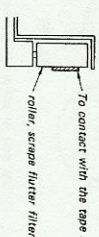


Fig. 11-22. Scrape filter filter roller check

11-17. Brake Adjustment

- In STOP mode -

| supply brake torque | direction A | 500~750 g/cm (6.96~10.4 oz-inch) | take-up brake torque | direction C | 400~650 g/cm (5.66~7.65 oz-inch) |
|---------------------|--------------------------------------|----------------------------------|--------------------------------------|-------------|----------------------------------|
| direction B | 1,000~1,800 g/cm (13.9~28.0 oz-inch) | direction D | 1,600~2,200 g/cm (22.2~30.6 oz-inch) | | |

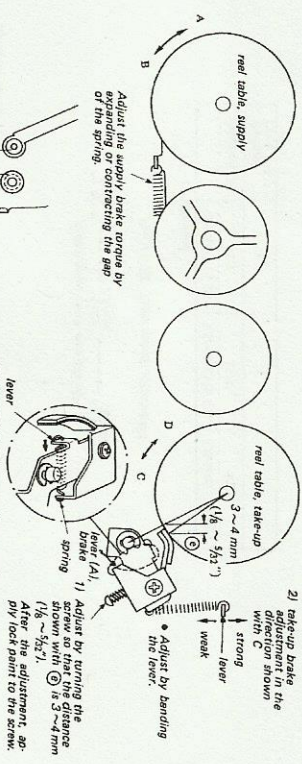


Fig. 11-23. Brake adjustment

11-18. Tape Slack Check

Place the machine in vertical position and thread the tape with 7" reel.

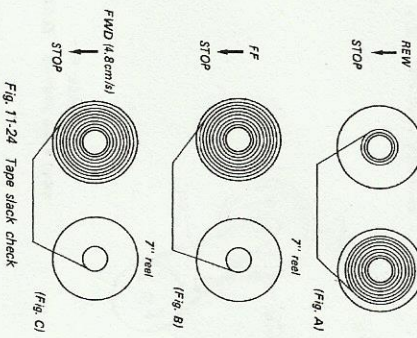


Fig. 11-24. Tape slack check

- (1) When changing the function selector knob slowly from REW to STOP at the end of the tape, be sure not to slack the tape (See Fig. A).
- (2) When changing the function selector knob from FF to STOP at the beginning of the tape, be sure not to slack the tape (See Fig. B).
- (3) When pulling the instant stop knob in FWD mode at the beginning of the tape, be sure not to slack the tape.
- (4) When changing the function selector knob from FWD to STOP at the beginning of the tape at the 4.8 cm/s (1 7/8 ips) tape speed, be sure not to slack the tape (See Fig. C).