

4-3-1. Rotary encoder position adjustment

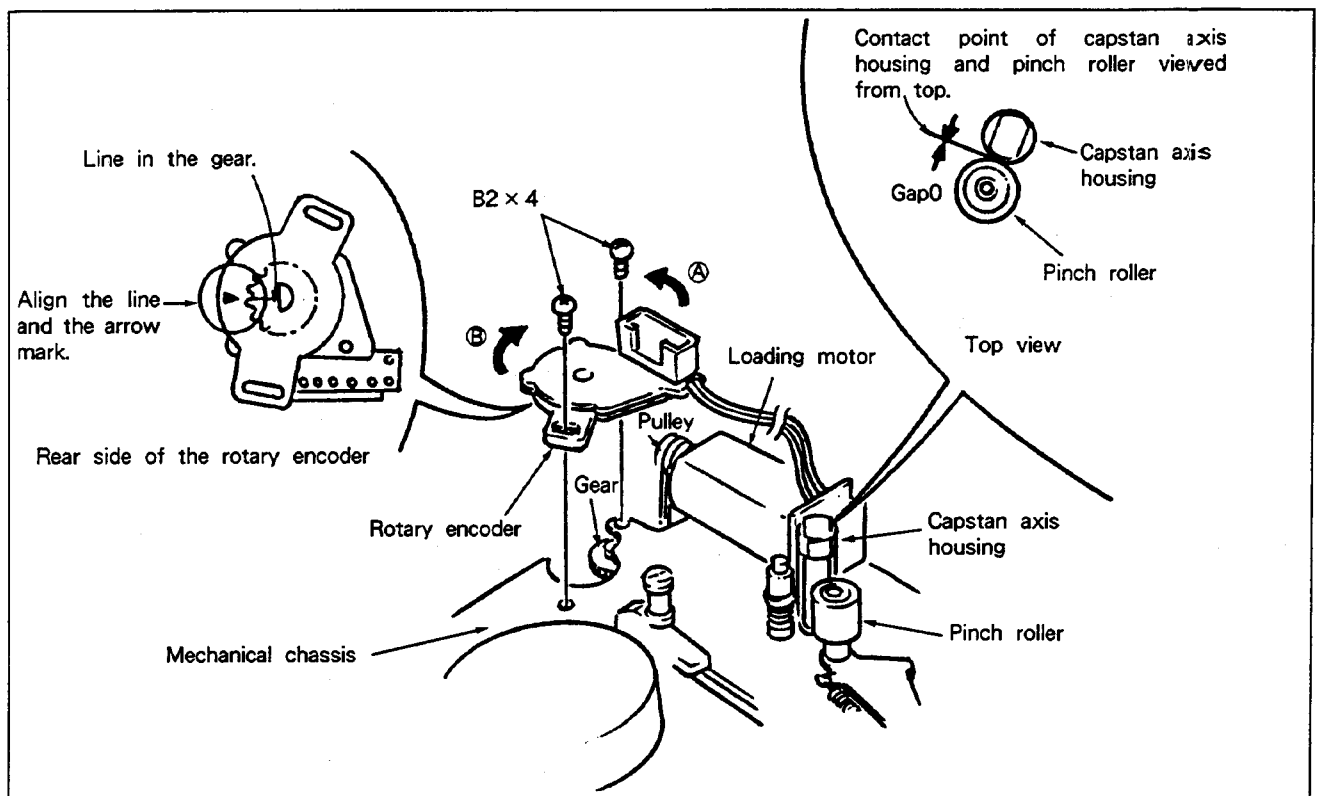
Adjust the rotary encoder position when you replace the rotary encoder.

Procedure

- (1) Switch off the POWER of the unit.
- (2) Remove the rotary encoder.
(Remove the rotary encoder mounting screws before disconnecting its connector.)
- (3) Turn the loading motor pulley and move the pinch roller so that the roller comes in contact with the capstan axis housing as shown in the figure below.
- (4) Align the arrow mark and the line in the gear of the rotary encoder (rear side) as shown in the figure below.
- (5) Use two screws (+ B2x4) to mount the rotary encoder lightly on the mechanical chassis so that the gear of the rotary encoder properly engages the gear of the mechanical chassis. (Lightly tighten the screws at the center of the long holes of rotary encoder.)
- (6) Switch on the POWER. Hold down cassette sensor switch and press PLAY to set the playback mode temporarily. Then, press STOP to set the mechanical deck to STOP mode. During the STOP mode, check the following items ((1),(2), and (3)). Adjust the rotary encoder mounting position as shown in the figure below to comply with the specifications. Make adjustments while POWER is switched off and check the position when POWER is on.

Specifications :

- ① The tension regulator release pin shall be set at the OFF position of the tension regulator.
- ② The gap between the capstan axis and the pinch roller shall be 1.5mm to 2.5mm.
- ③ The F guide must be in contact with the groove of the square hole of the mechanical chassis.



Adjustment location :

Move the mounting position of the rotary encoder.

Adjustment direction	Distance to pinch roller
Direction A	Closer
Direction B	Wider

(7) Set the mechanical deck (guide) to FWD mode. Make sure the rotary encoder position complies with the following specifications in this condition.

Specifications :

- ① Tension regulator release pin shall be at the ON position of the tension regulator.
- ② The pinch roller shall be in contact with the capstan axis.

(8) Set the mechanical deck (guide) to STOP mode again. In this condition, make sure the rotary encoder position complies with the specifications indicated in step (6).

(9) This time, firmly tighten two screws (+ B2x4) which mount the rotary encoder on the mechanical chassis.

If the rotary encoder position does not comply with the specifications of steps (6) and (7), retry the procedure from step (1).

