

Fig. 2-14-1

FDD036

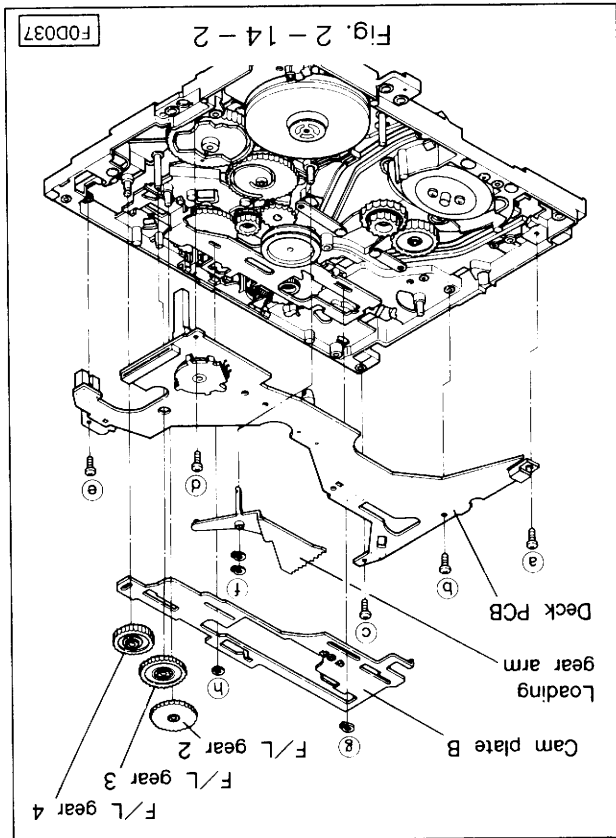


Fig. 2-14-2

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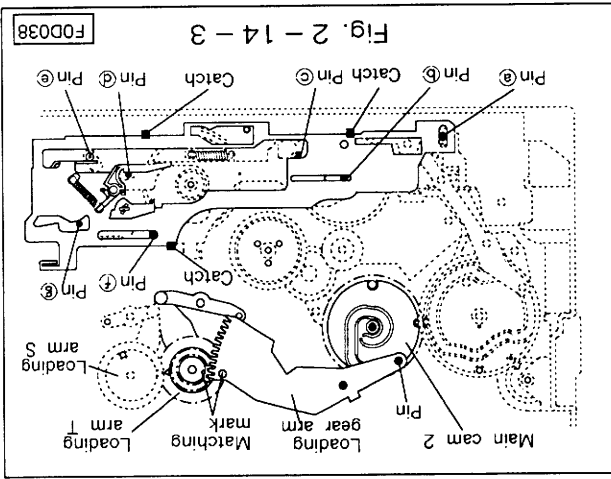


Fig. 2-14-3

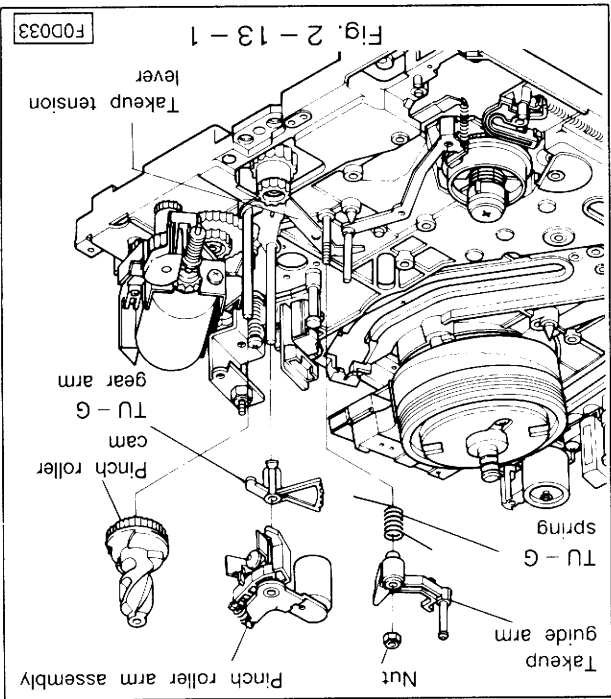
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- 2-14 Deck PCB (Printed Circuit Board)**
2-14-1 Removal (Refer to Fig. 2-14-1, 2-14-2.)
 A. Detach the capstan brake spring from the capstan brake and the loading gear arm.
 B. Remove the reel belt from the bottom of the deck. (Refer to Fig. 2-5.)
 C. Detach two grip rings (f) shown in Fig. 2-14-2 and remove the loading gear arm.
 D. Unsolder the terminals of the FE head.
 E. Unfasten the catches and remove the F/L gear 2, 3 and 4. (Refer to Fig. 2-14-2.)
 F. Remove grip ring (g) and cut washer (h), and unfasten three catches shown in Fig. 2-14-2 to remove the cam plate B. (Refer to Fig. 2-14-2.)
 G. Unscrew five fastening screws (a) to (e) and remove the deck PCB. (Refer to Fig. 2-14-2.)

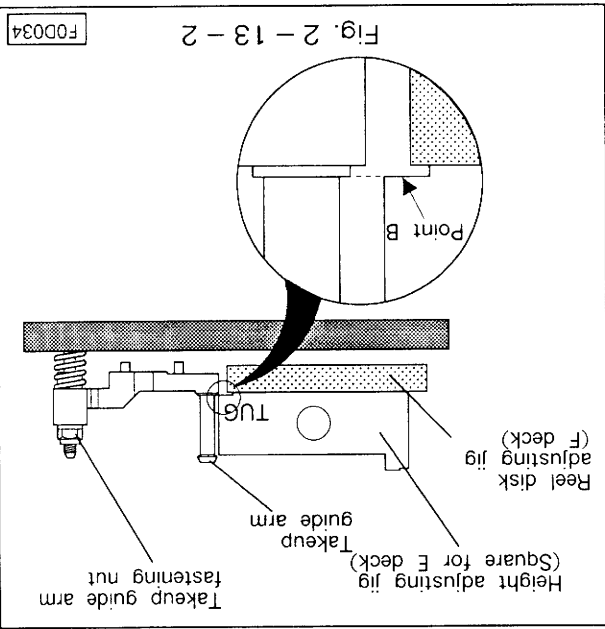
- A. Make certain that the mode switch is set to the eject position. (Refer to section 2-9.) Fasten the deck PCB with five screws and solder the FE head terminals. (Refer to Fig. 2-14-1.)
Note:
 The safety lever is normally held leftward with a spring. Pull the safety lever forwards and install the deck PCB.
 B. Install the cam plate B by paying attention to the pin (a) to (e) positions shown in Fig. 2-14-3, and assemble the plate with three catches, grip ring (g) and cut washer (h).
 C. Line the matching mark on the loading gear arm T and that on the loading gear arm as shown in Fig. 2-14-3, and assemble the loading gear arm so that the pin of the loading gear arm enters the groove of the main cam 2. Secure the loading gear arm with two grip rings (f).
 D. Assemble the F/L gear 2, 3, and 4 to the shafts.
 E. Install the reel belt. (Refer to Fig. 2-5.)
 F. Fasten the capstan brake spring to the capstan brake and the loading gear arm from the top side of the deck. (Refer to Fig. 2-14-1.)

2-13 Take Up Guide Arm
2-13-1 Removal (Refer to Fig. 2-13-1.)
 A. Set the VCR in the eject mode.
 B. Remove the pinch roller assembly.
 (Refer to Para. 2-8 "Pinch Roller.")
 C. Raise and separate the pinch roller cam and the TU-G gear arm from the shaft at the same time.
 D. Remove the takeup guide arm fastening nut. Raise and separate the takeup guide arm from the shaft with care not to lose the TU-G spring.

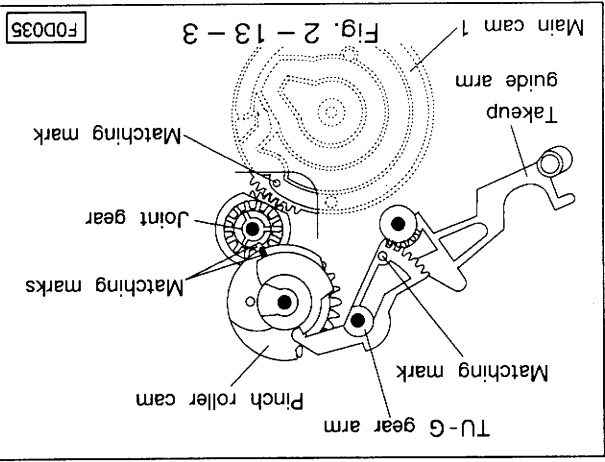
2-13-2 Installation (Refer to Fig. 2-13-1~2-13-3.)
 A. Install the TU-G spring and the takeup guide arm so that one end of the TU-G spring is fastened to the takeup guide arm and the other end is fastened to the hook of the main plate. Secure them with the fastening nut temporarily.
 B. Place the reel disk adjusting jig (for the F deck) in the reference position on the main plate (Refer to Fig. 2-10-6). Tighten the takeup guide arm fastening nut so that the lower flange of the takeup guide arm is level with point B of the height adjusting jig (for the E deck). (Refer to Fig. 2-13-2.)
 C. Turn the takeup tension lever fully clockwise as shown in Fig. 2-13-1.
 D. Line the matching mark on the gear arm and beginning of gear section on the takeup guide arm, and line the matching mark on the pinch roller cam and center of gear on the joint gear as shown in Fig. 2-13-3, and install the pinch roller cam and the TU-G gear to the shaft at the same time.
 E. Assemble the pinch roller assembly to the shaft on the main plate.
 F. Secure the pinch roller assembly with the pinch roller cap and the grip ring.



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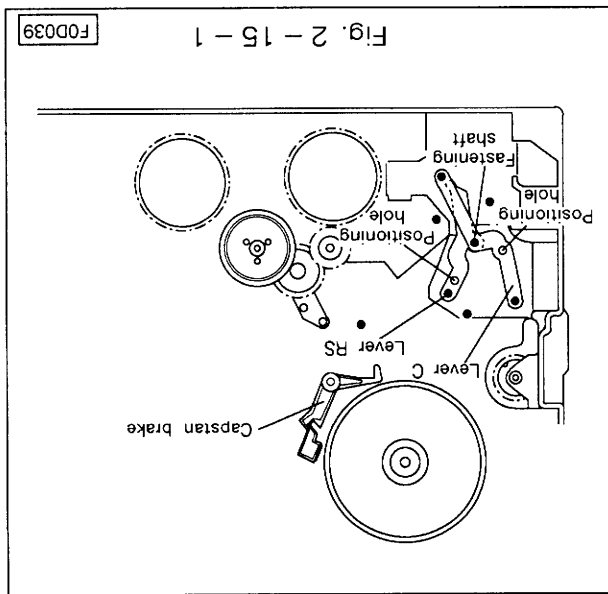
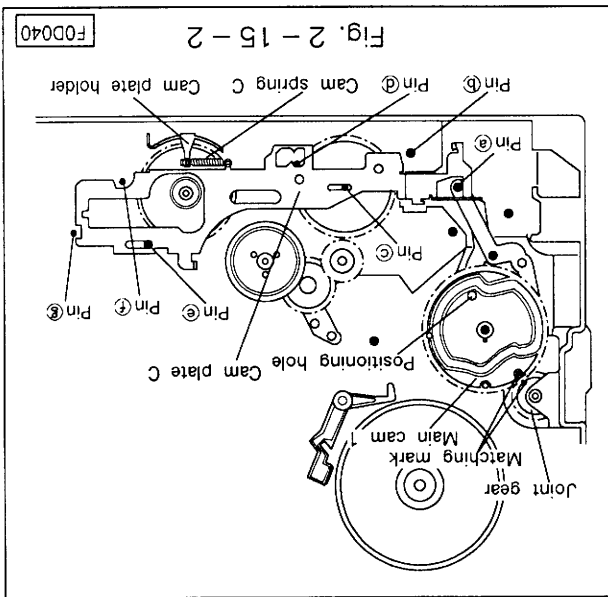
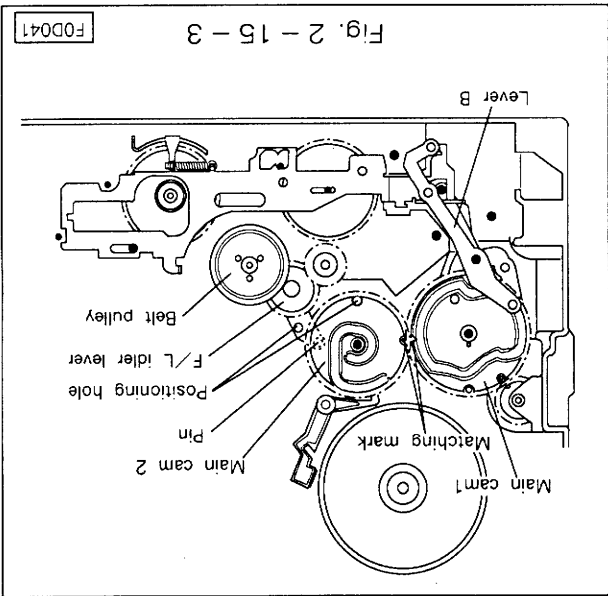
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2-15 Positioning and Installation Sequence of Parts Around Main Cam 1 (Bottom Side of Deck) (Refer to Fig. 2-15-1~2-15-6.)

- Note:**
Set the VCR to the eject mode to install the main cam 1 and its peripheral parts.
- Line the positioning hole in the lever RS and that of the main plate, and assemble the lever RS to the shaft.
 - Line the positioning hole in the lever C with that of the main plate, and assemble the lever C to the shaft.
 - With care not to move the lever RS and lever C, assemble the main cam 1 to the shaft by lining the matching mark of the joint gear with the positioning hole of main plate. Secure the main cam 1 with the grip ring. (Refer to Fig. 2-15-2.)

- Note:**
The pins of the lever RS and the lever C enter the groove of the main cam 1 when the levers are lined with the positioning holes.
- Make certain that the pins of the levers enter the groove of the main cam 1.
- Assemble the thrust washer to the pin ③ shown in Fig. 2-15-2, and install the cam plate C so that the corresponding positions of the plate shall match the pins ① to ③.
 - Fasten the cam spring C to the cam plate C and the cam plate holder. (Refer to Fig. 2-15-2.)

- Assemble the lever B to the shaft so that the pin of the lever shown in Fig. 2-15-3 shall enter the groove of the main cam 1. Secure the lever with a grip ring.
- Line the positioning hole of the F/L idler lever with that of the main plate. (Refer to Fig. 2-15-3.)

- Note:**
The pin of the F/L idler lever enters the positioning hole of the main cam 2 when the lever is lined.
- Make certain that the pin of the lever enters the groove of the main cam 2.
- Line the matching mark of the main cam 2 with that of the main cam 1, and also the positioning hole of the main cam 2, and assemble the main cam 2 to the shaft. (Refer to Fig. 2-15-3.)

Make certain that the pin of the F/L idler lever correctly enters in the groove of the main cam 2.

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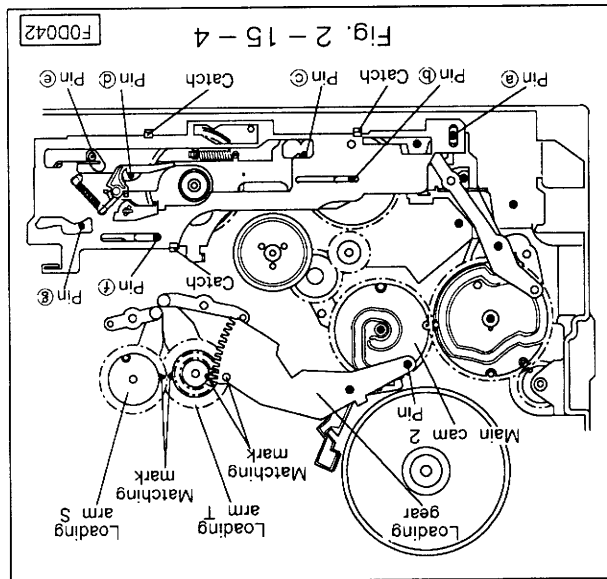
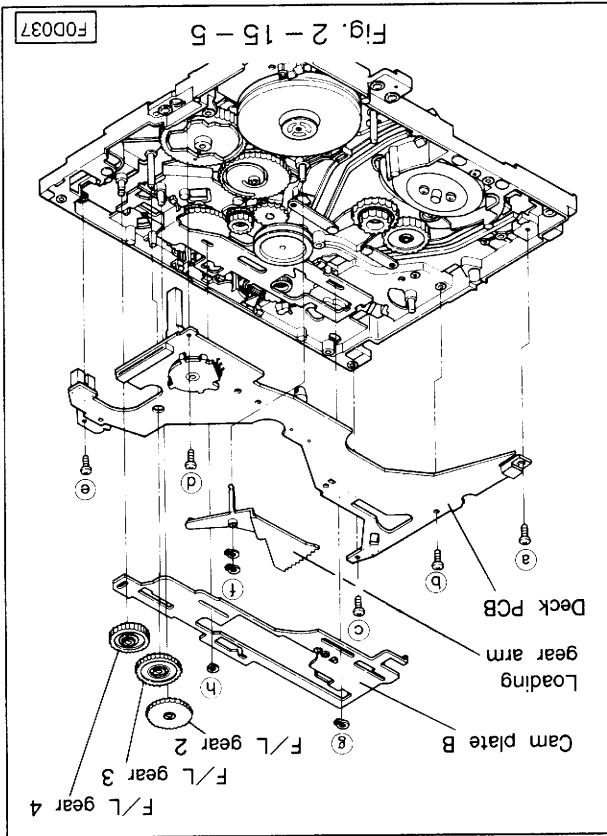
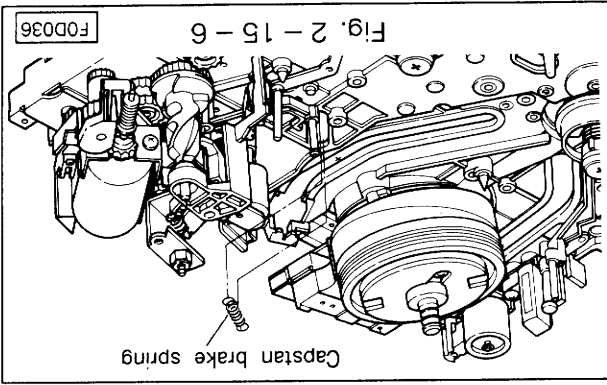


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I. Make certain that the mode switch is in the eject position. Fasten the deck PCB assembly with five screws and solder the FE head terminals. (Refer to Fig. 2-14-2 and 2-14-1.)

Note:
The safety lever is normally held in the leftward position by the spring. Pull the lever forwards and install the deck PCB assembly. J. Install the cam plate B so that the plate shall match the pins ⑧ to ⑩ as shown in Fig. 2-15-4, especially the pin ⑧, and secure the plate with three clamps, cut washer (pin ①) and grip ring (pin ④).
K. Line the matching mark of the loading arm T with that of the loading gear arm as shown in Fig. 2-15-4, and assemble the loading gear arm to the shaft so that the pin of the loading gear arm shall enter the groove of the main cam 2. Secure the arm with two grip rings ④. (Refer to Fig. 2-15-5.) L. Assemble the F/L gear 2, 3, and 4 to the shafts as shown in Fig. 2-15-5.
M. Install the reel belt. (Refer to Fig. 2-5.) N. Fasten the tension regulation spring T and the spring RS to the tension regulation arm T and the lever RS from the top side of the deck. (Refer to Fig. 2-11-1.)
O. Fasten the capstan brake spring to the capstan brake and the loading gear arm from the top side of the deck. (Refer to Fig. 2-15-6.)

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