

5-3-2. Loading Motor (Refer to Fig. 5-3-2.)

1. Removal

LOADING MOTOR can be replaced after LOADING MOTOR BLOCK unit has been removed by referring to 5-3-1. The 1990 version of the mechanism allows LOADING MOTOR itself to be replaced without removing CASSETTE HOLDER BLOCK and LOADING MOTOR BLOCK. The following describes this procedure.

- 1) Use MODE SELECTOR (VHJ-0050) to set the mechanism to the initial mode.
- 2) Remove the connector for DEW SENSOR connected to the MC-3 board ①.
- 3) Remove three screws ② and remove HOLDER BRACKET ④ with FRONT WORM ASS'Y ③ still attached.
- 4) Remove DAMPER ⑥ attached to the pulley of LOADING MOTOR ⑤.
- 5) Remove FRONT HELICAL GEAR ⑦ and WASHER ⑧.
- 6) Remove soldered LEAD WIRE from the terminal of LOADING MOTOR ⑤.
- 7) Remove LOADING BELT ⑨.
- 8) Remove LOADING MOTOR ⑤ by lifting up from the back terminal side.

2. Remounting

Before attaching LOADING MOTOR ⑤ to MOTOR BRACKET ASS'Y ⑩, confirm DAMPER ⑪ and DAMPER ⑫ shown in Fig. 5-3-5. are in the proper position on MOTOR BRACKET ASS'Y ⑩.

- 1) LOADING MOTOR ⑤ puts REAR SIDE BOSS ⑬ in the slit ⑭ of MOTOR HOLDER ⑩.
Further, mount the tap hole ⑮ at two points of the front pulley side so that it is secured to the PROTUBERANCE ⑯ of the MOTOR HOLDER at two points.
- 2) Solder the lead wire from the MC-3 board to LOADING MOTOR ⑤ terminal. (Solder the red lead wire to the positive terminal side.)
- 3) Hang LOADING BELT ⑨ on the pulley.
- 4) After hanging BELT ⑨ on the pulley, confirm that the mechanism unit is in the initial mode. The initial mode is indicated by Fig. A of Fig. 5-3-2., and is the position in which INITIAL POSITIONING ALIGNMENT HOLES of MAIN CAM ⑰ and MODE CAM ⑱ are lined up with THROUGH HOLE ⑲ of MOTOR HOLDER. If the initial mode is not selected, adjust with MODE SELECTOR (VHJ-0050).
- 5) As shown in Fig. B, confirm the positions of the △ POSITIONING ALIGNMENT MARK on FRONT LOAD GEAR ⑲ and INITIAL MARK ⑳ position of MOTOR HOLDER and the position relationship of CASSETTE HOLDER RACK ㉑.
- 6) Apply a light coat of grease to the entire sides of AXLE ㉒ and FRONT HELICAL GEAR ⑦.
- 7) Attach FRONT HELICAL GEAR ⑦ and WASHER ⑧ to AXLE ㉒. As shown in Fig. C, FRONT HELICAL GEAR ⑦ is attached so that the indent on the side is inside PIN ㉓ of FRONT LEVER ASS'Y.
- 8) Attach DAMPER ⑥ to LOADING MOTOR ⑤ pulley.
- 9) HOLDER BRACKET ④ is attached by engaging FRONT WORM ASS'Y ③ with LOADING MOTOR ⑤ pulley, and held in place with three screws ②.
- 10) Attach the connector of DEW SENSOR ㉔ to the MC-3 board ① and return the mechanism to the eject completion using MODE SELECTOR.

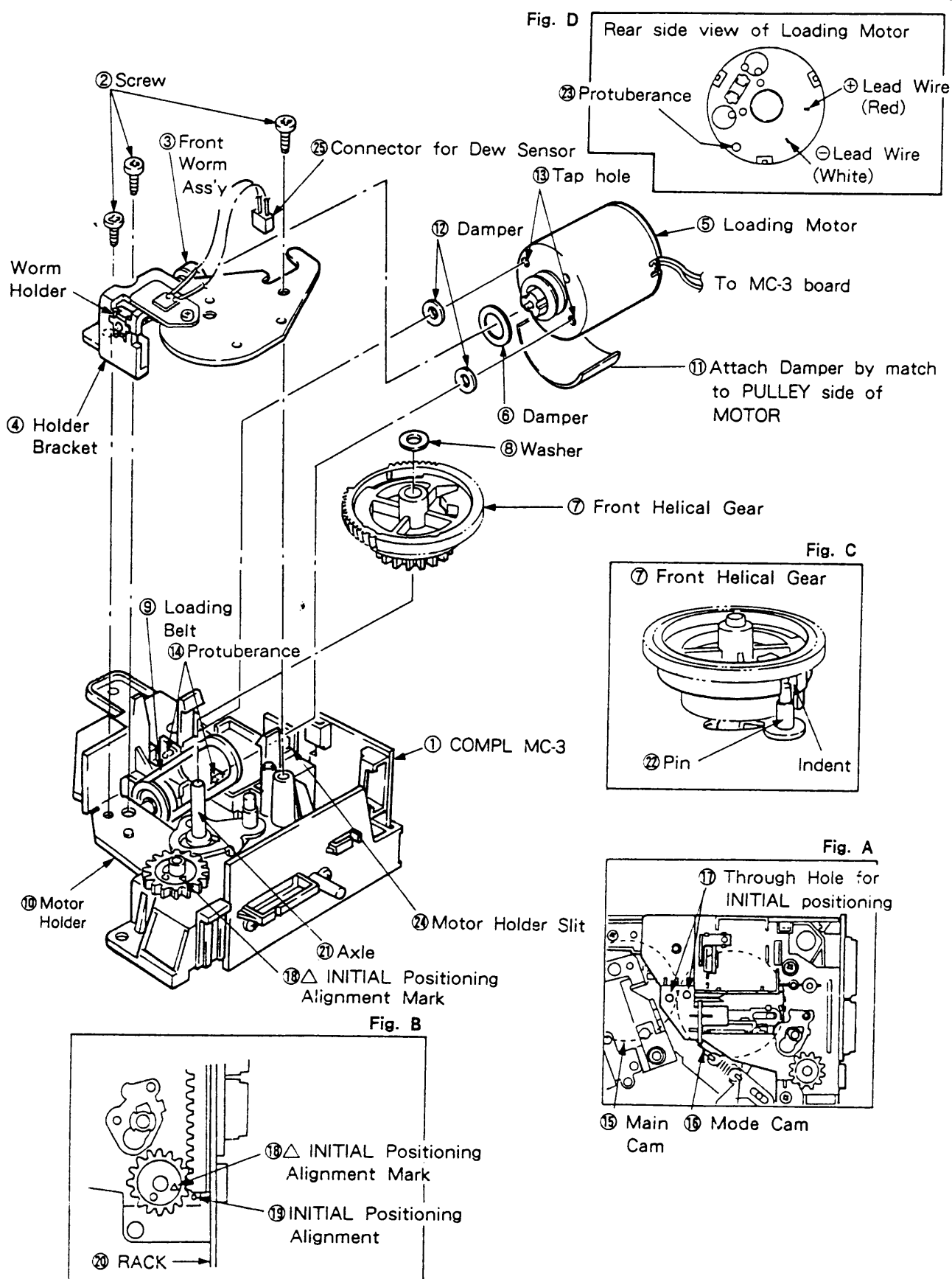


Fig. 5-3-2. Loading Motor