

2-3. ASSEMBLY AND PHASE ADJUSTMENT PROCEDURES OF MECHANISM

1. ASSEMBLY AND PHASE ADJUSTMENT OF LOADING UNIT.

- (1) Install Loading Unit and tighten 5 screws.
- (2) Adjust mechanical phase so that phase marks (See-through holes) meet on both supply and take up sides as shown below.

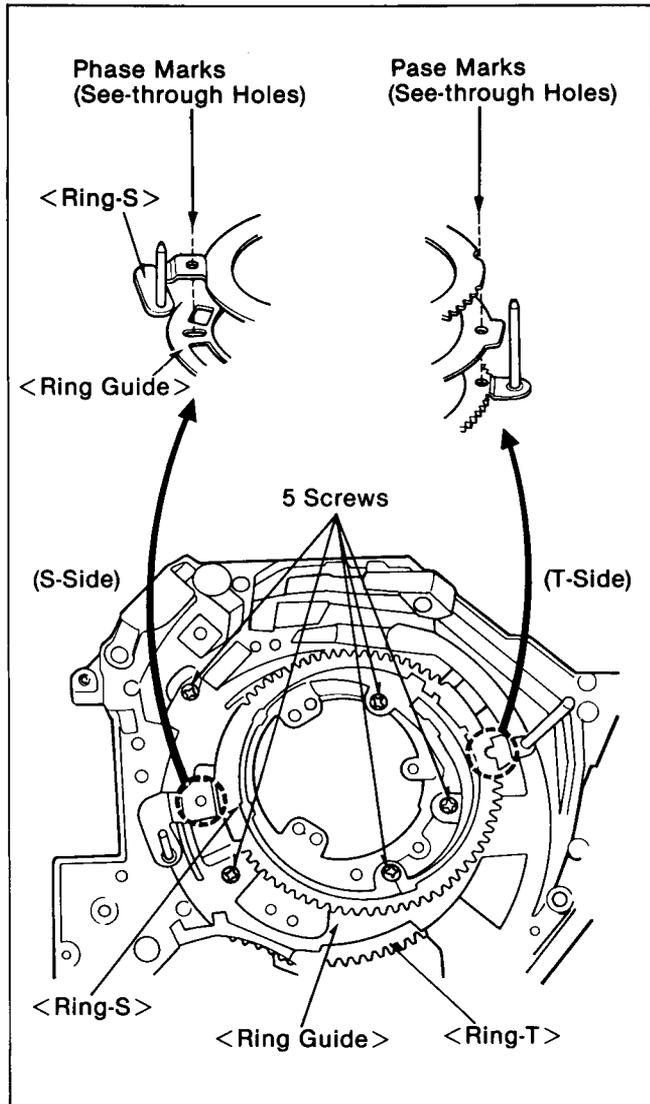


Fig. M15

2. ASSEMBLY AND PHASE ADJUSTMENT OF CAM GEAR.

- (1) Install Cam Gear as shown in Fig.M16. Put the washer.

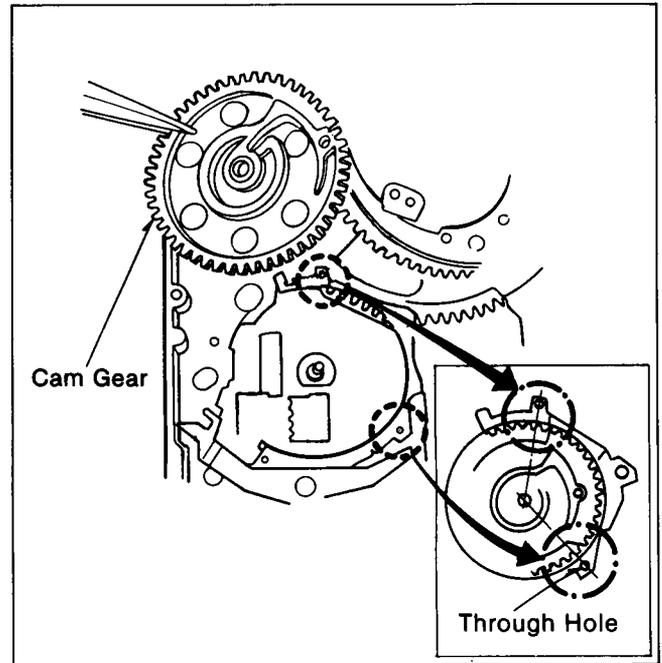


Fig. M16

3. ASSEMBLY OF PENDULUM ARM UNIT.

- (1) Install Swing Arm Unit and tighten 2 screws with the holder angle.
- (2) After that, Confirm that the phase mark on Loading Ring-T can be seen through the square cutout of Swing Arm Unit. Also, the phase mark of Swing Arm Unit (V-cutout) is meeting the phase mark on Loading Ring-S Unit on the bottom side. Those phase marks naturally come to the specific positions, if the previous phase adjustments have been done correctly.

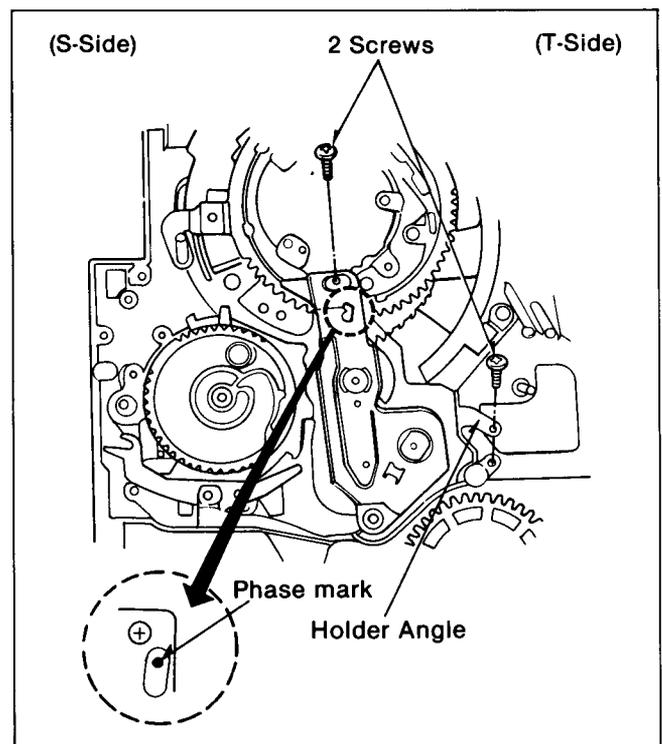


Fig. M17

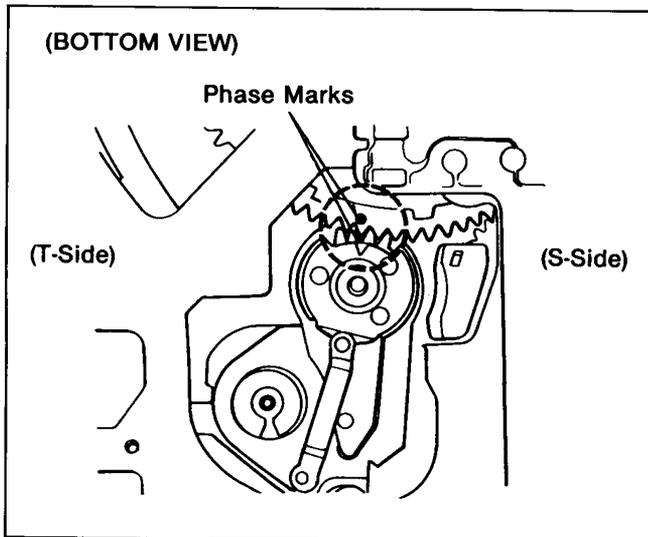


Fig. M18

**4. ASSEMBLY OF LOADING UNIT
PINCH DRIVE ARM UNIT AND
CONFIRMATION OF
MECHANICAL MOVEMENT**

(1) Install Loading Motor Unit and tighten one screw. (one more screw has to be tightened after installing Pinch Drive Arm Unit, which is explained after.)

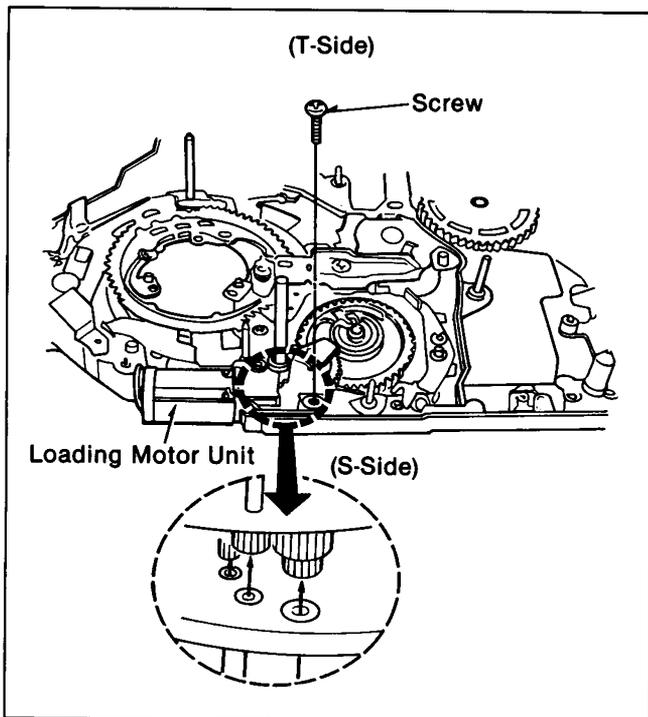


Fig. M19

(2) Install Pinch Drive Arm Unit and put washer (A).

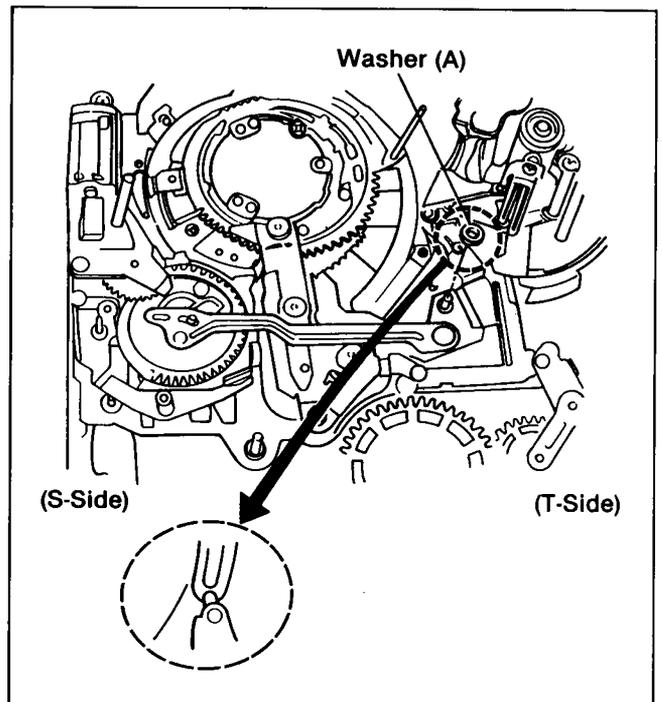


Fig. M20

(3) Move Pinch Roller to the unloading position by finger and put washer (B).

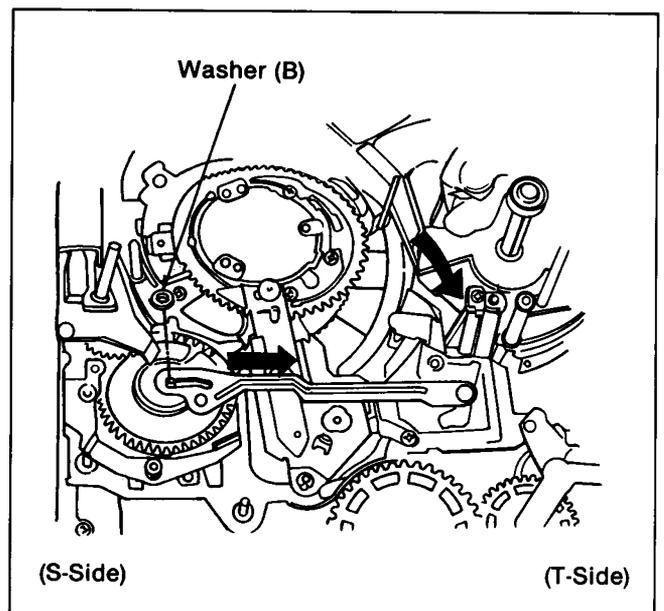


Fig. M21

(4) Slightly move Loading Ring-S in the unloading direction by applying 1.5VDC to Loading Motor and tighten a screw.

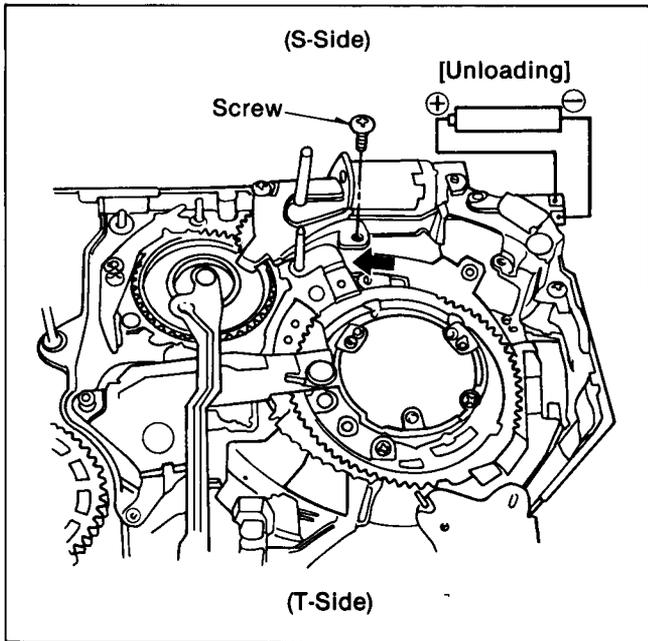


Fig. M22

- (5) Confirmation of Mechanical Movement and phase.
 In this condition, confirm that the mechanism smoothly moves in both loading and unloading directions by changing the polarity of the battery.
 After that, move the mechanism back to the phase adjustment position and confirm all phase marks come to each specific position.

5. ASSEMBLY OF S-RAIL UNIT AND T-RAIL UNIT

- (1) Install S-Rail Unit passing Link Post of Ring-S through the linking hole of the S-Rail Unit, and tighten 2 screws.

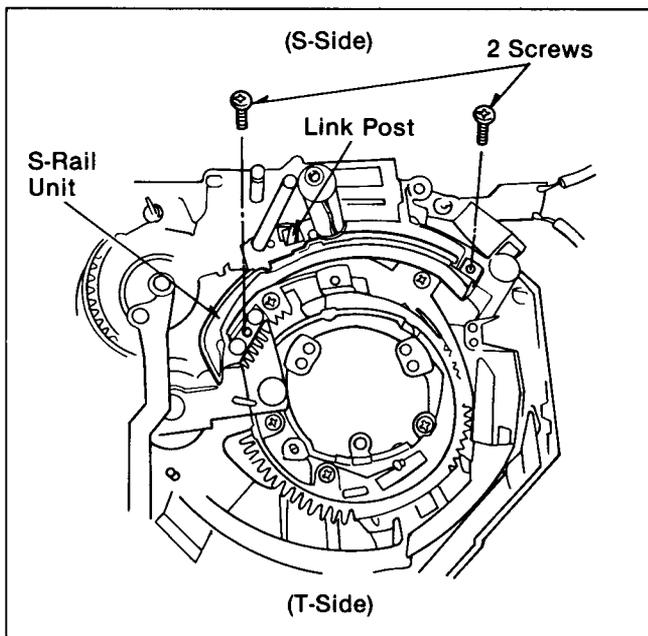


Fig. M23

- (2) In the same way, install T-Rail Unit and tighten 2 screws.
 (3) Solder the flexible connector of Sensor LED on the bottom side.

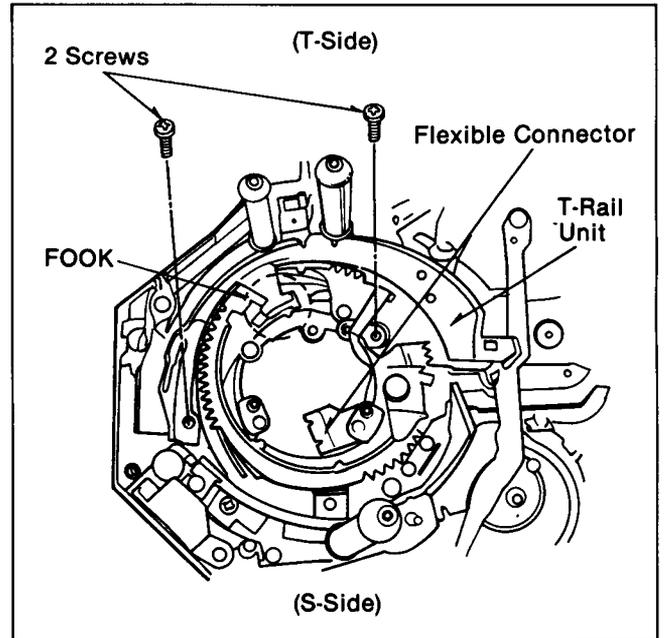


Fig. M24

6. ASSEMBLY OF EJECT LEVER UNIT

- (1) Install Eject Lever Unit and link the arm with Eject Lock Base.
 (2) Fix Eject Lock Base with 2 screws and Eject Lever Unit with 3 washers.

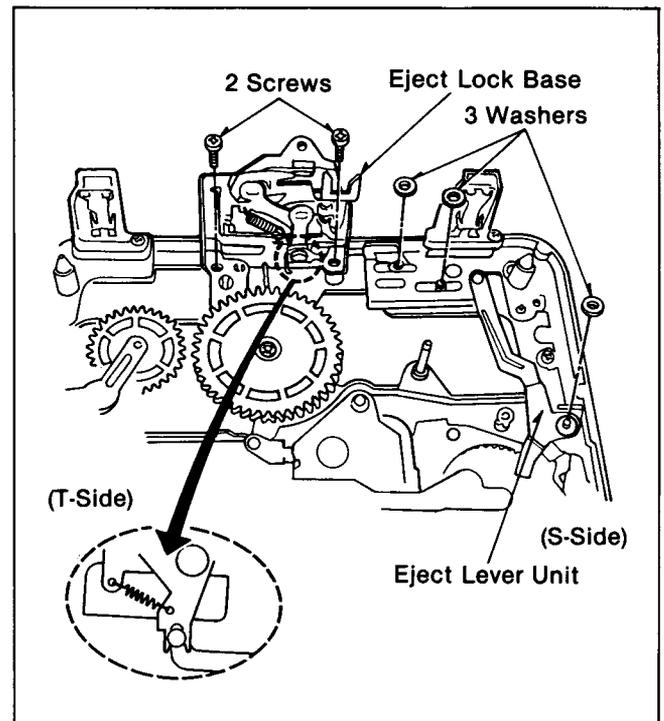


Fig. M25

7. ASSEMBLY OF TENSION REGULATOR UNIT.

- (1) Install Tension Regulator Unit so that the guide arm fits in outer inside of Cam Gear.
- (2) Put the washer and hook Tension Spring to the original position.

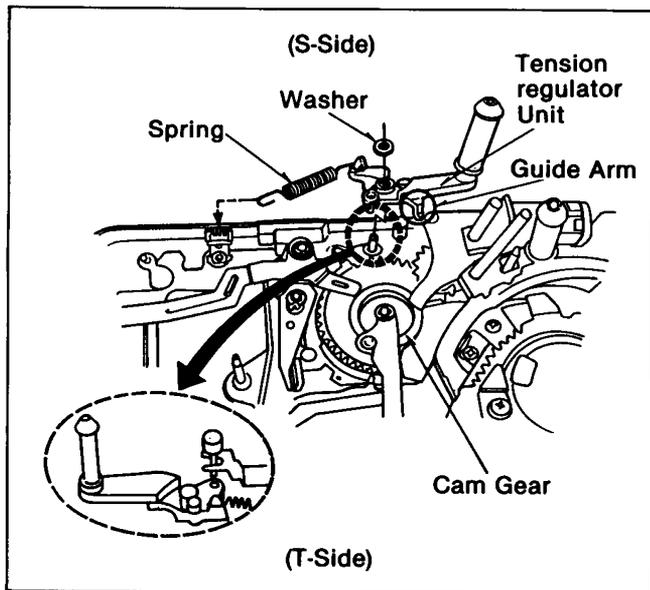


Fig. M26

9. ASSEMBLY OF DD CYLINDER UNIT

- (1) Install DD Cylinder unit so that the fixing pins fit into the fixing holes, and tighten 3 screws from the bottom side.

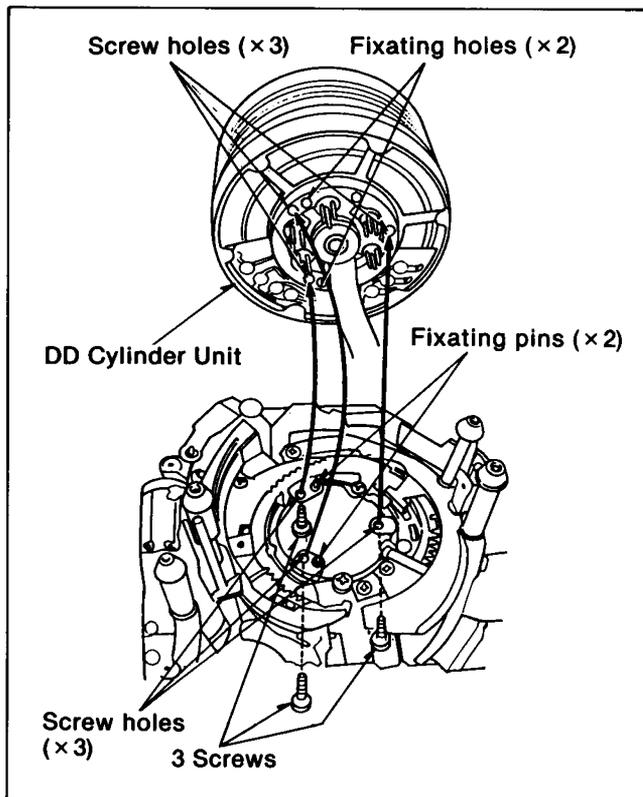


Fig. M28

8. ASSEMBLY OF SUPPLY REEL TABLE

- (1) Install Supply Reel Table and put a washer.

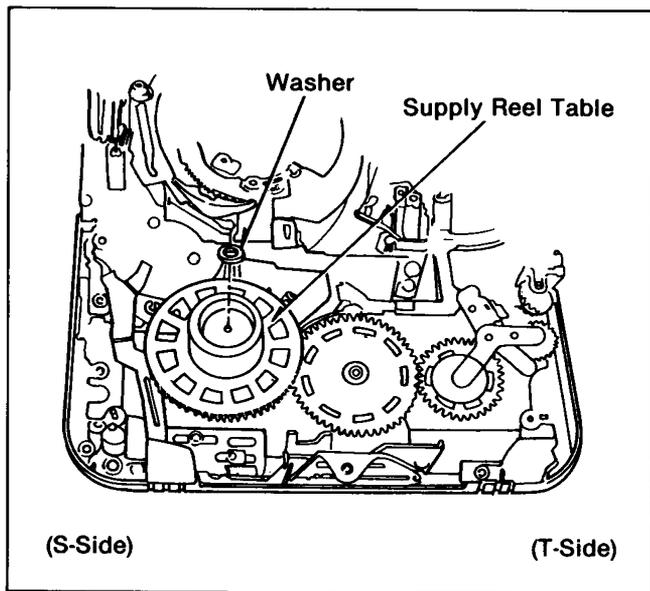


Fig. M27

10. ASSEMBLY OF RT CONNECTOR

- (1) Hold RT Connector aiming the phase mark of RT Connector (while indication) to the phase mark on the chassis.
- (2) Carefully Install the RT Connector passing lead pins of DD Cylinder Unit through each corresponding hole of the RT Connector.

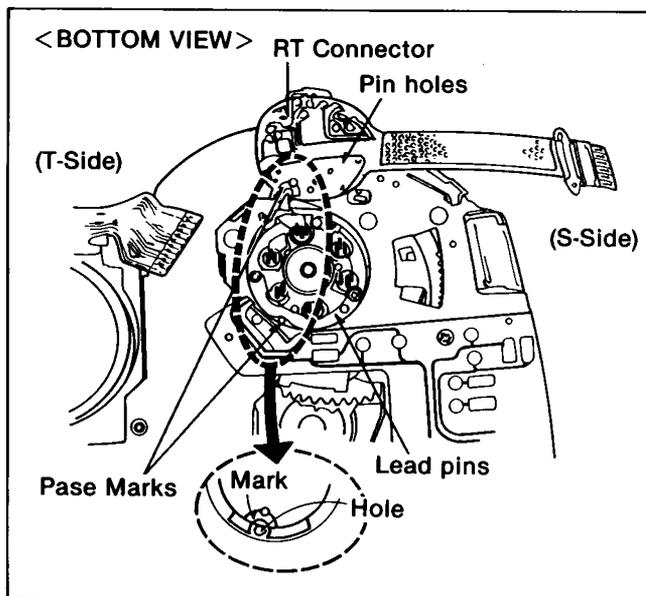


Fig. M29