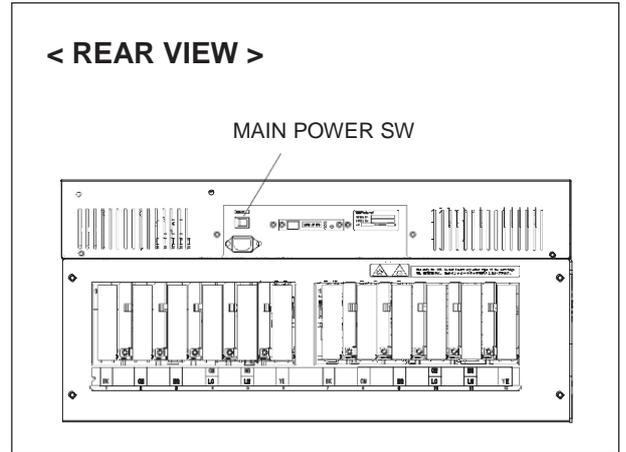
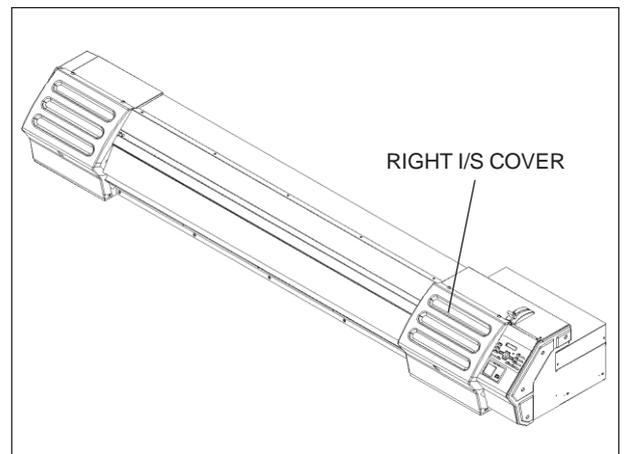


### 3-4 CARRIAGE MOTOR REPLACEMENT

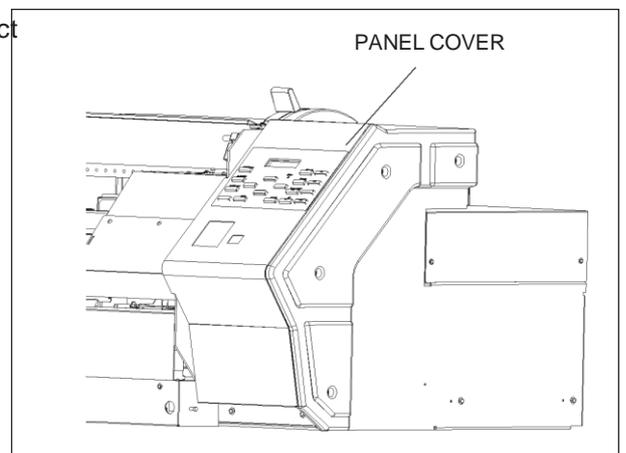
- 1 Turn off the MAIN POWER SW.



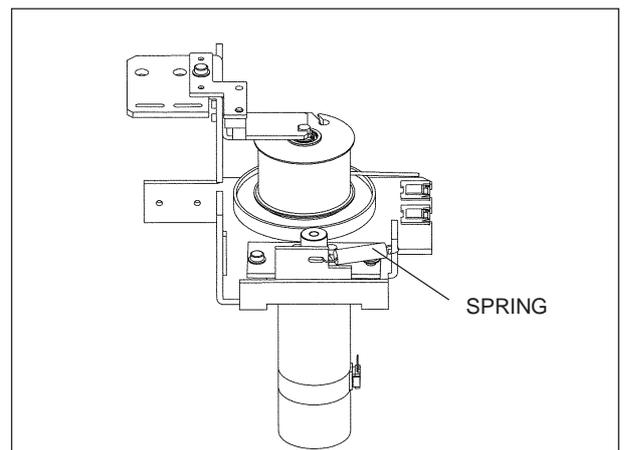
- 2 Remove the RIGHT I/S COVER.



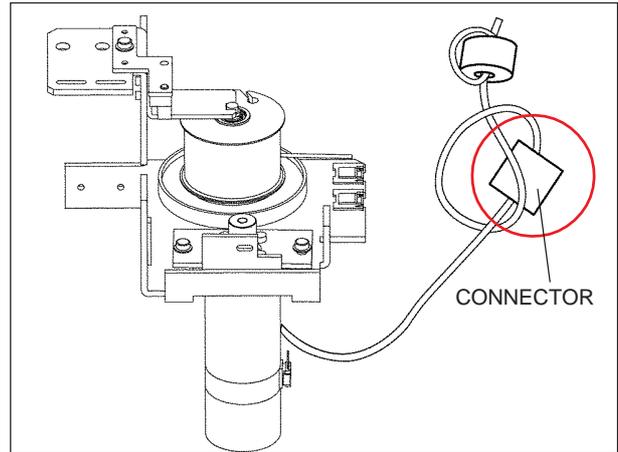
- 3 Remove the PANEL COVER. Be sure to disconnect the flexible cable connected to the PANEL BOARD.



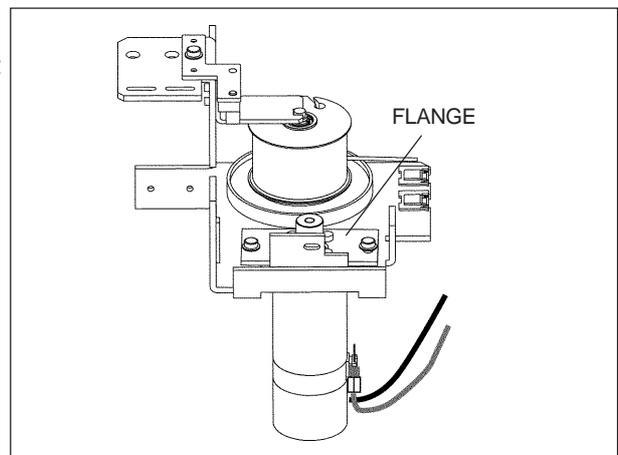
- 4 Remove the SPRING.



**5** Disconnect the connector of the encoder cable.



**6** Remove the screws fixing the FLANGE and remove the MOTOR together with the FLANGE. Disconnect the 2 cables from the MOTOR then.



**7** Remove the MOTOR from the FLANGE.  
Fix the new MOTOR to the FLANGE.



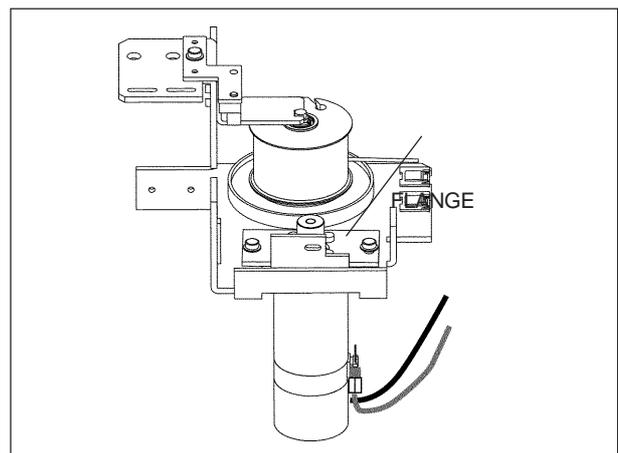
Be careful with the fixing direction of the FLANGE.



**8** Connect the 2 cables to the MOTOR and fix the FLANGE with the 2 screws temporarily.



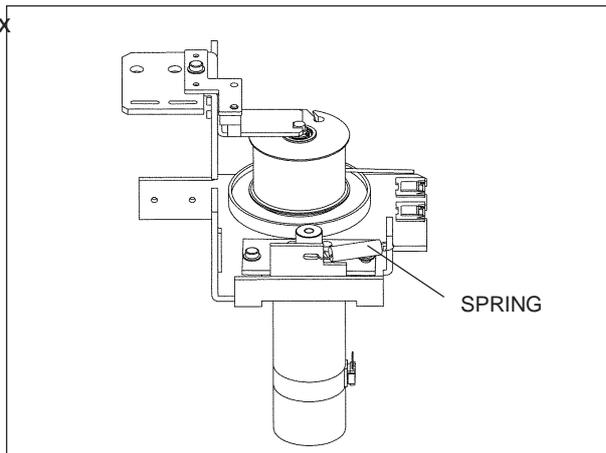
Be careful not to connect the cable to the wrong connector. The red cable should be connected to the red connector.



- 9** Fix the SPRING. Then, tighten up the 2 screws to fix the FLANGE with checking the gears mesh without backlash.



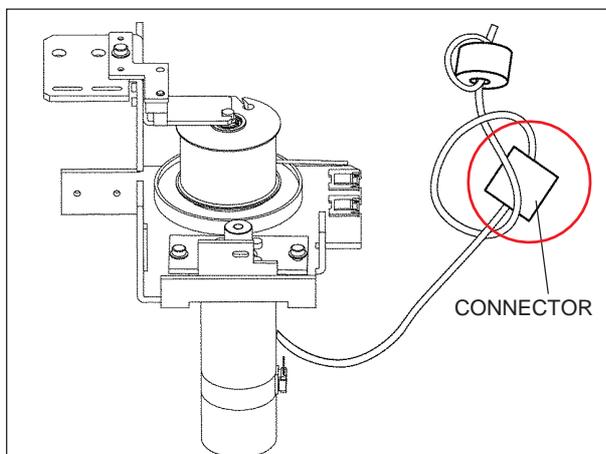
Apply a proper quantity of grease (P/# 21675101 FLOIL GE-676 BLACK) between gears.



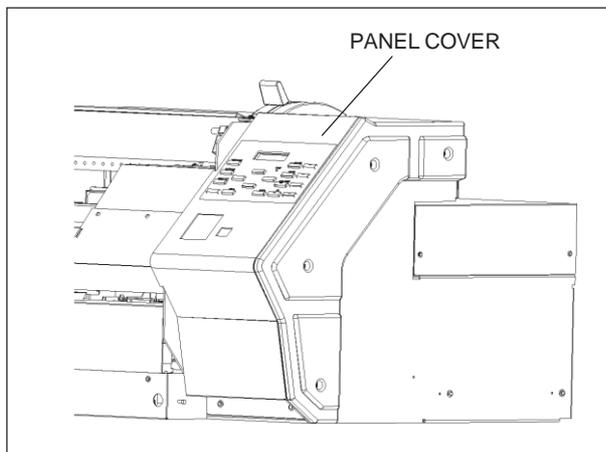
- 10** Connect the connector of the encoder cable.



Tie the cables as shown in the figure to prevent the connector from being disconnected.



- 11** Connect the PANEL CABLE to the PANEL BOARD, and fix the PANEL COVER.



- 12** Perform the SERVO LOCK CHECK. After turning on the main power, turn on the sub power while pressing the Left, Right and Down keys to enter the SERVICE MODE.

[◀], [▼], [▶] + POWER ON

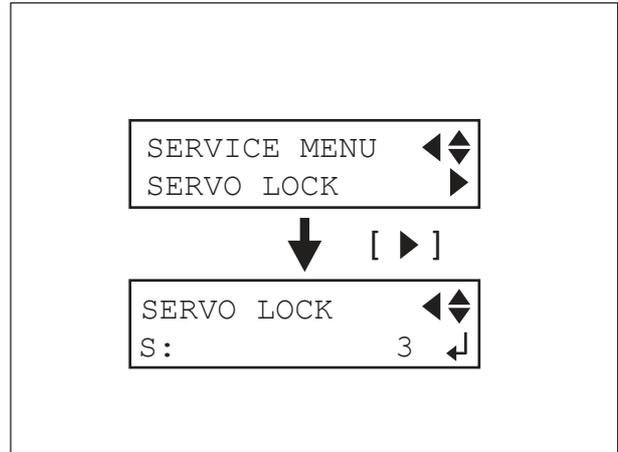


[MENU] key

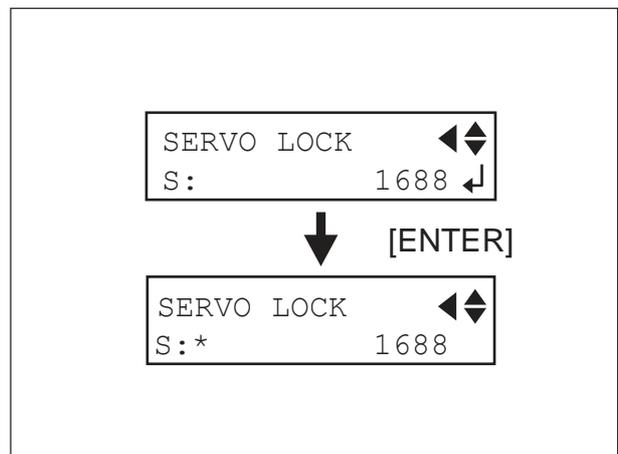


MENU  
SERVICE MENU

- 13** In [SERVO LOCK] menu, select [S].  
Move the head carriage left and right by hand and make sure the value on the LCD changes depending on the head position.



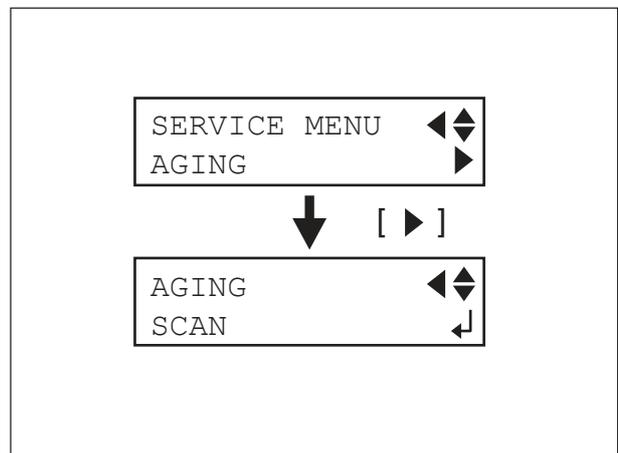
- 14** Press the [ENTER] key to excite the MOTOR.  
Make sure the MOTOR is locked and the value on the LCD doesn't change.



- 15** Check the AGING.  
Go back to the SERVICE MENU, and select [AGING] > [SCAN] and press the [ENTER] key. Make sure the machine do the AGING and finish it.



Do the AGING with the head set at the HIGH position for its safety.



- 16** Clear the motor working hours.  
Go back the SERVICE MENU, and select [HISTORY MENU] > [MOTOR GROUP] > [MOTOR HOURS S] > [CLEAR] and press the [ENTER] key. The motor working hours will be reset to 0.

