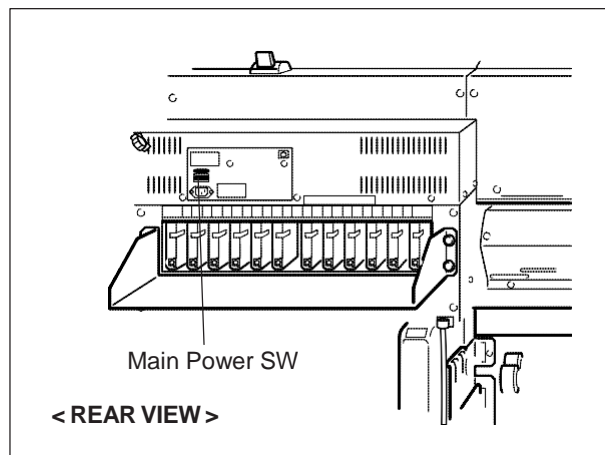


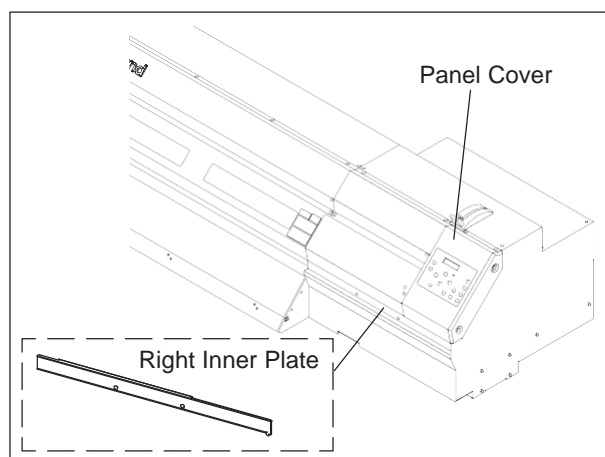


CARRIAGE MOTOR REPLACEMENT

- 1 Turn off the Sub Power SW, and then turn off the Main Power SW.



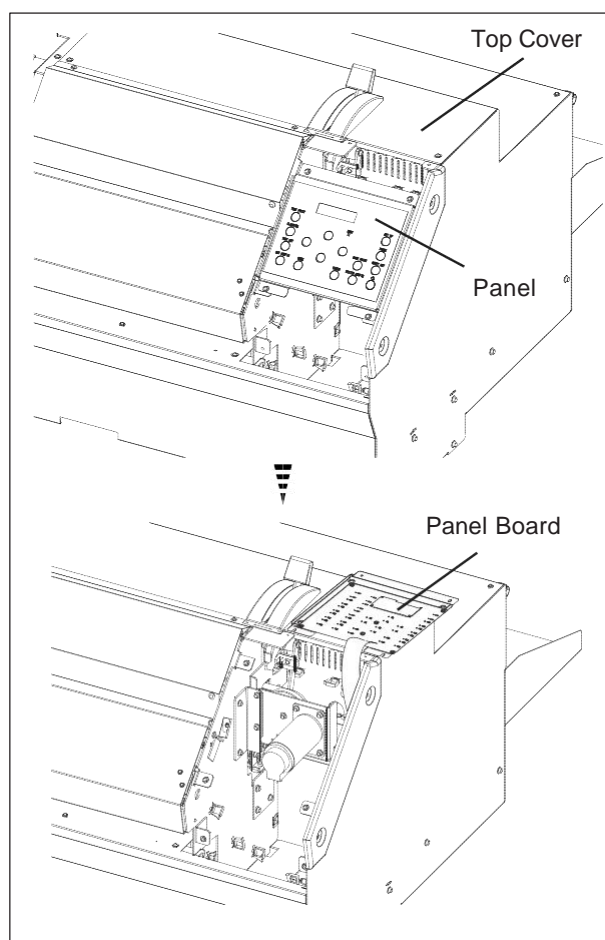
- 2 Remove the Right Inner Plate and Panel Cover.



- 3 Remove the Panel and put it on the Top Cover.

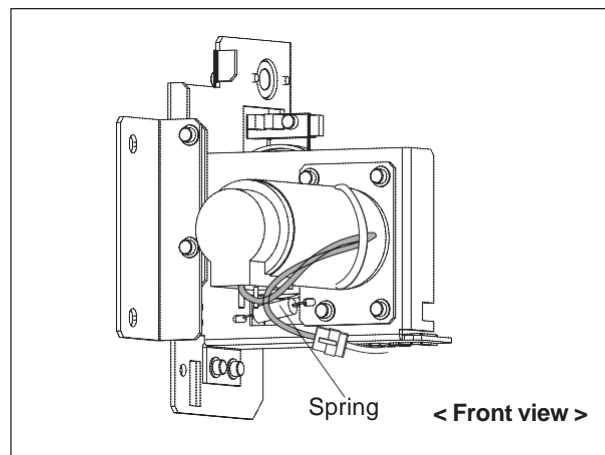


Flexible Cable is connected to the Panel Board. Do not disconnect the Flexible Cable.

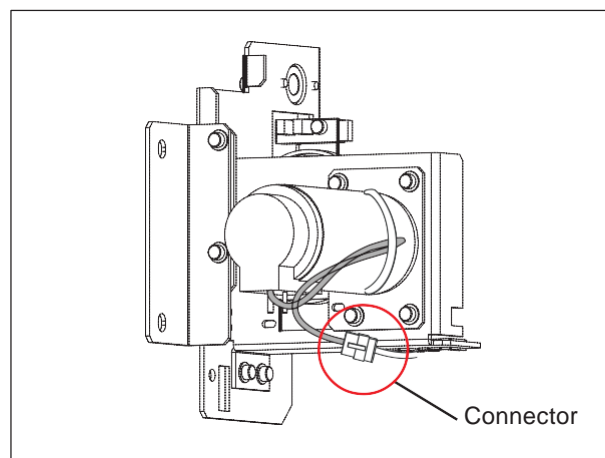




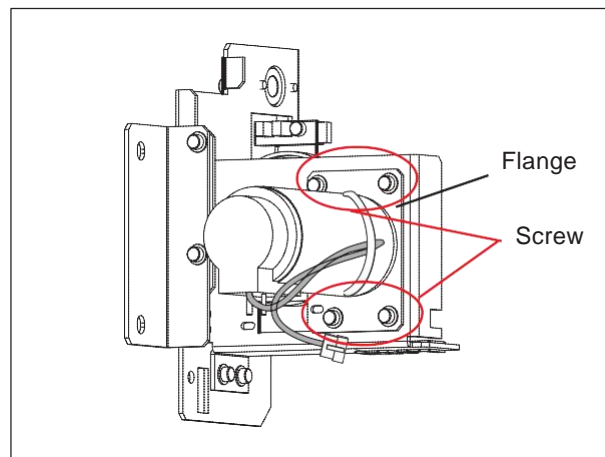
- 4** Remove the Spring.



- 5** Disconnect the connector of the motor cable.



- 6** Remove the 4 screws as shown in the figure to remove the Motor together with the Flange.

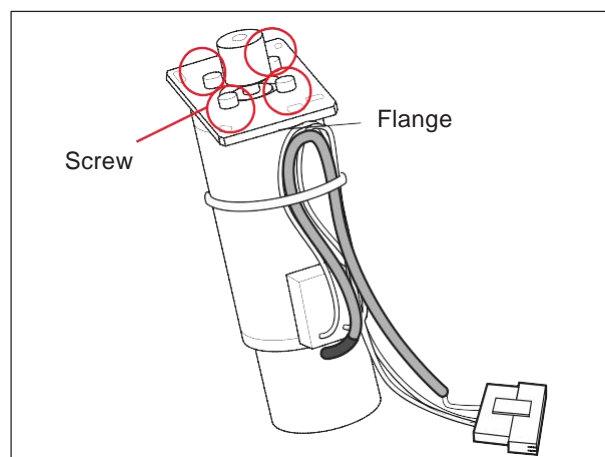


- 7** Remove the 4 screws to remove the Motor from the Flange.

Fix the Motor Cable of a new Motor using a cable tie without bending the cable root, and then fix the new Motor to the Flange.

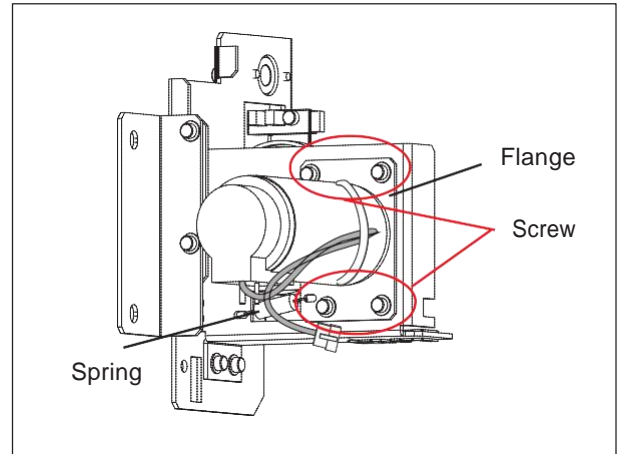


Be careful with the fixing direction of the Flange.



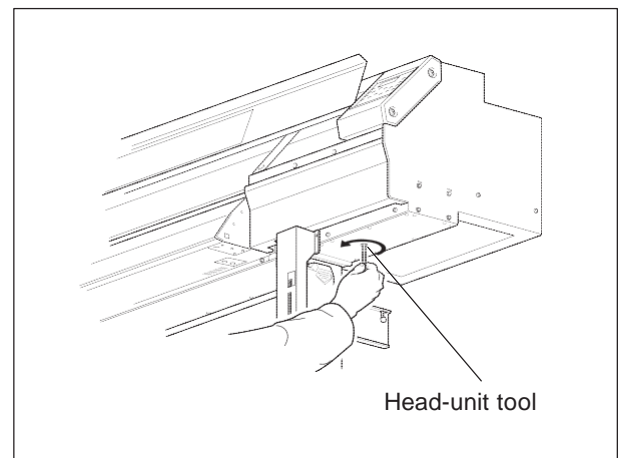


- 8** Fix the Flange temporarily.
And Fix the Spring.



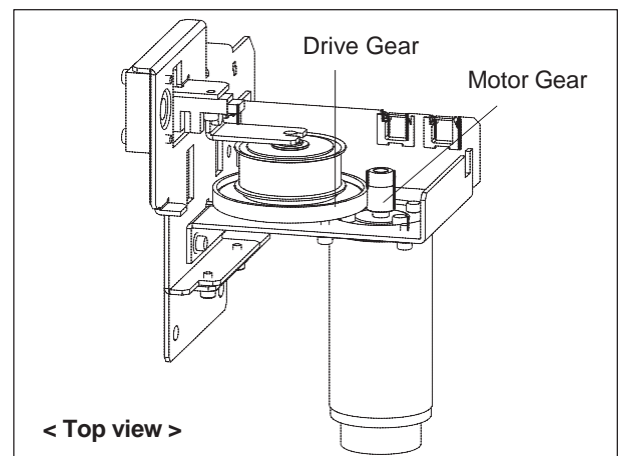
- 9** Check the gears mesh without backlash in the following procedures.

- 1) Insert the head-unit tool into the hole at the bottom of the machine and turn it gently. The Capping Unit moves down.

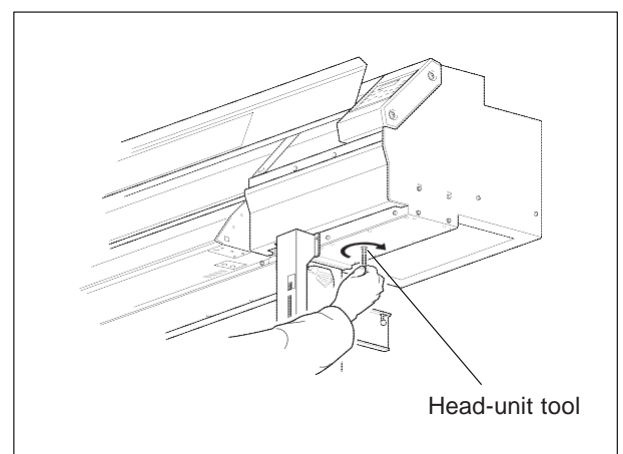


- 2) Turn the Drive Gear by hand and check there is no backlash all the way around.

If there is backlash, go back to the step 4 , and fix the motor again.

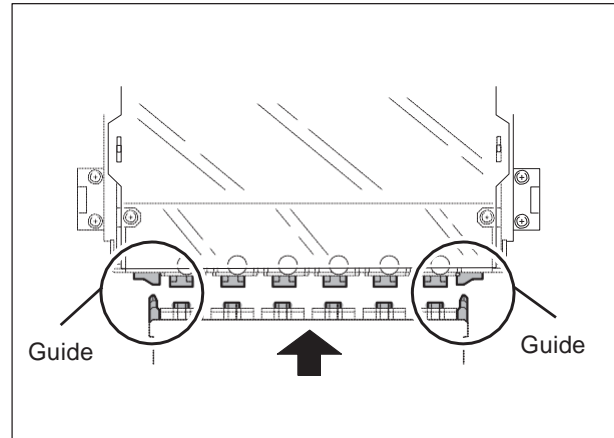


- 3) Inset the Head-unit tool into the hole at the bottom of the machine and turn it gently. The Capping Unit rises.





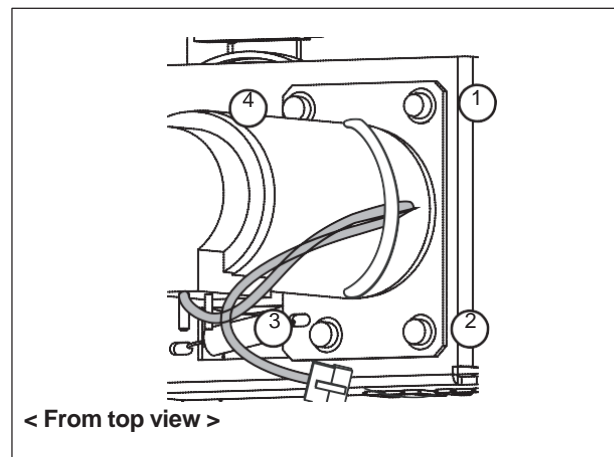
- 4) Make the guides at the edges of the Head Carriage line up with the guides at the edges of the Capping Unit. When the heads make contact with the Capping Unit, turn the tool one or two turns more.



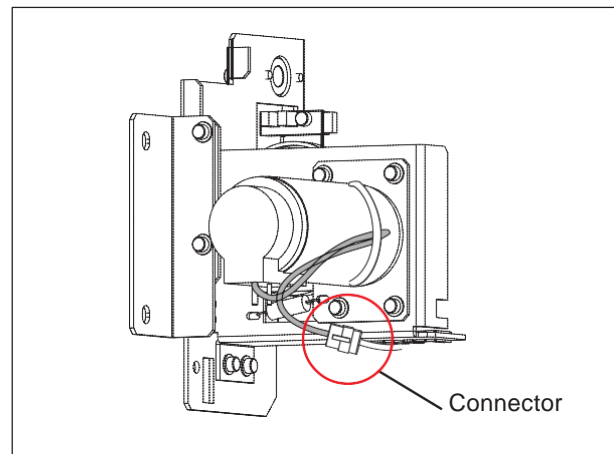
- 10** Then, tighten up the 4 screws to fix the Flange firmly in order as shown in the figure.



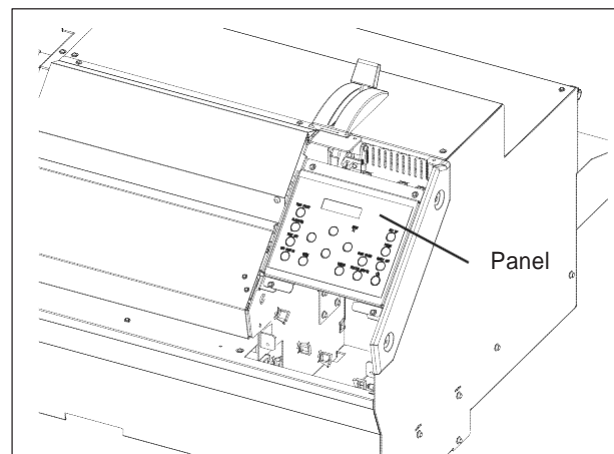
Apply a proper quantity of grease
(P/# 21675101 FLOIL GE-676 BLACK 10ML)
between gears.



- 11** Connect the connector of the motor cable.

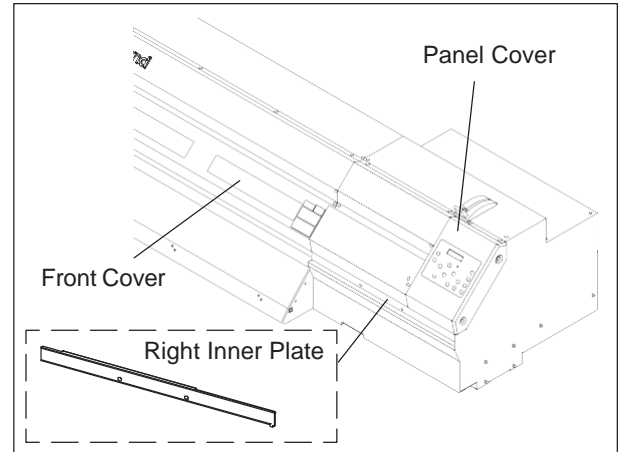


- 12** Fix the Panel.

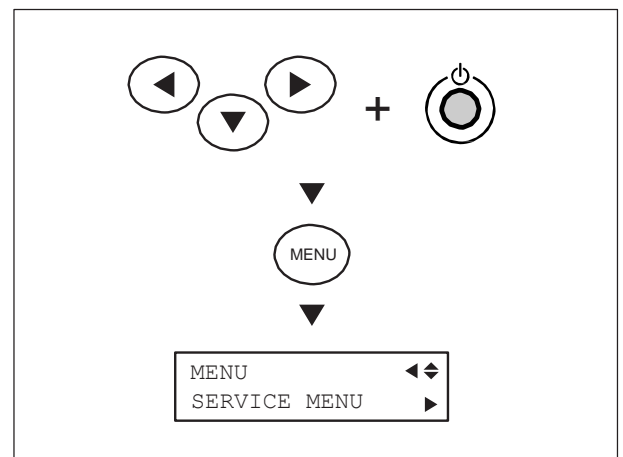




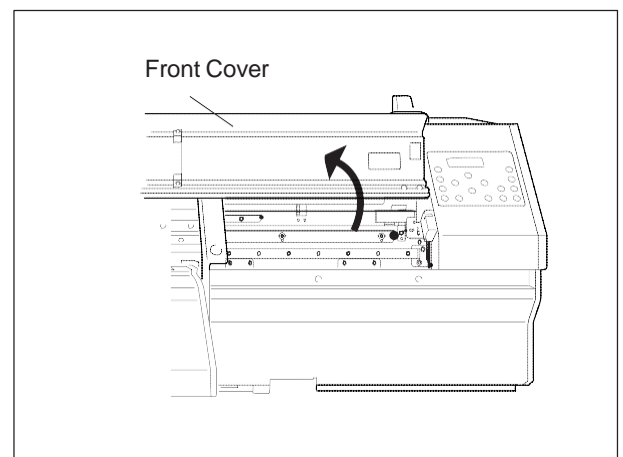
- 13** Fix the Panel Cover and Right Inner Plate.



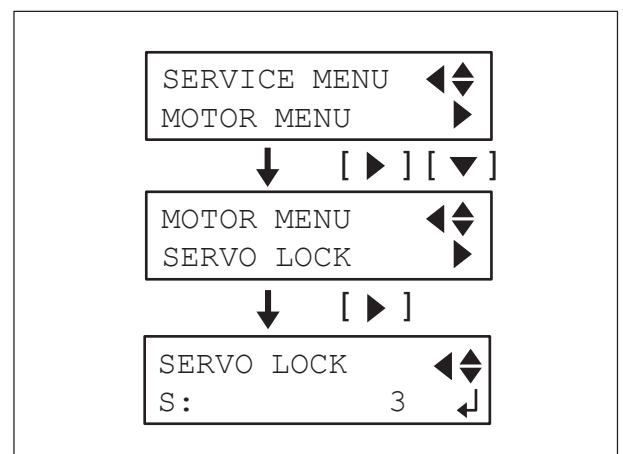
- 14** Perform the SERVO LOCK CHECK.
After turning on the Main Power SW, turn on the Sub Power SW while pressing the Left, Right and Down keys to enter the Service Mode.



- 15** Open the Front Cover.

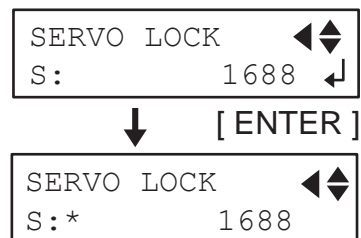


- 16** In [MOTOR MENU] > [SERVO LOCK] menu, select [S]. Move the Head Carriage left and right by hand and make sure the value on the LCD changes as the Head moves.





- 17** Press the [ENTER] key to excite the Motor.
Check the Head Carriage can not be moved easily by hand and the value on the LCD doesn't change.



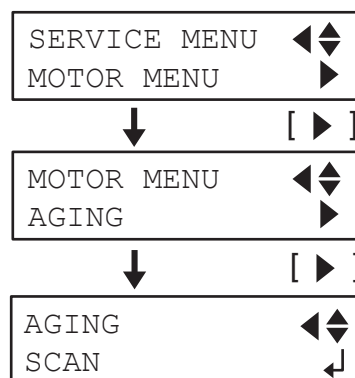
- 18** Perform the AGING for checking.
Go back to the [MOTOR MENU], and select [AGING] > [SCAN] and press the [ENTER] key. Confirm that the machine performs the AGING properly and press the [ENTER] key to finish AGING.



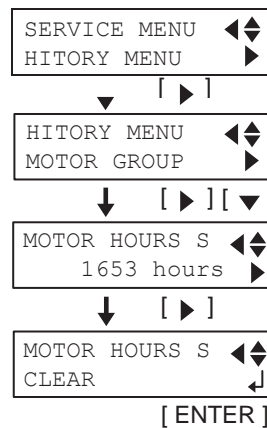
Do the AGING with the Head Height set at the HIGH position for its safety.



Do not load any media when performing [AGING].



- 19** Clear the motor working hours.
Go back to 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.





www.Sign-in-China.com
Online Shopping for AD & Signage Products