
Part Replacement Instruction

Product: CH 1

Part Replaced: Actuator

Required Tools:

1.5mm Allen Wrench
2.5mm Allen Wrench
3mm Allen Wrench
7/64" Allen Wrench
Adjustable Wrench
Loctite 222 (Red)

Procedure:

1. Turn the peripheral off and unplug the Power Cord from the wall socket.
2. Remove the four Retaining Screws (Figure 1-A) holding the Front Cover (Figure 1-B) on the peripheral, and remove the Front Cover.

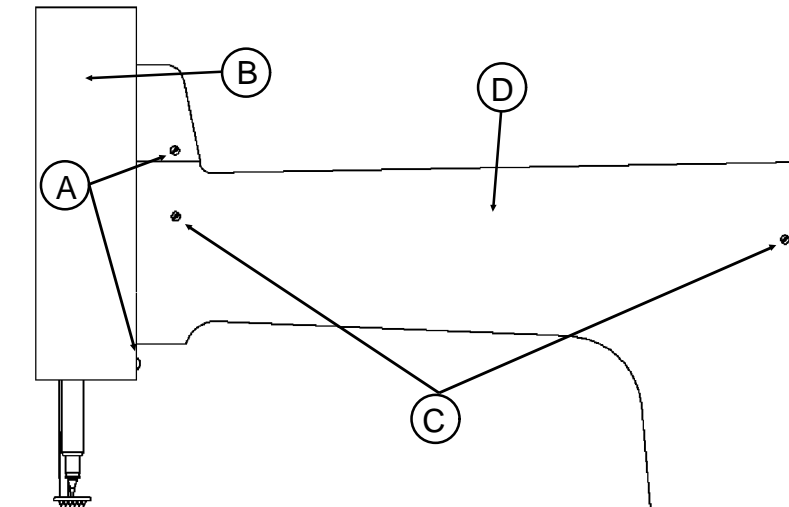


Figure 1

- A. Remove the Needle Bar Holder and Needle Bar from the peripheral.
- B. Lift up on the Front Cover until it will clear the top of the Needle case when rotated forward.
- C. Rotate the top of the Cover forward until the Cover is parallel to the ground.
- D. Rotate the top of the Cover to the right and pull it away from the peripheral.

3. Remove the two Retaining Screws (Figure 1-C) holding the Side Cover (Figure 1-D) on the peripheral, and remove the Side Cover.
4. Locate the Actuator Harness (Figure 2-E) inside the head and unplug it.

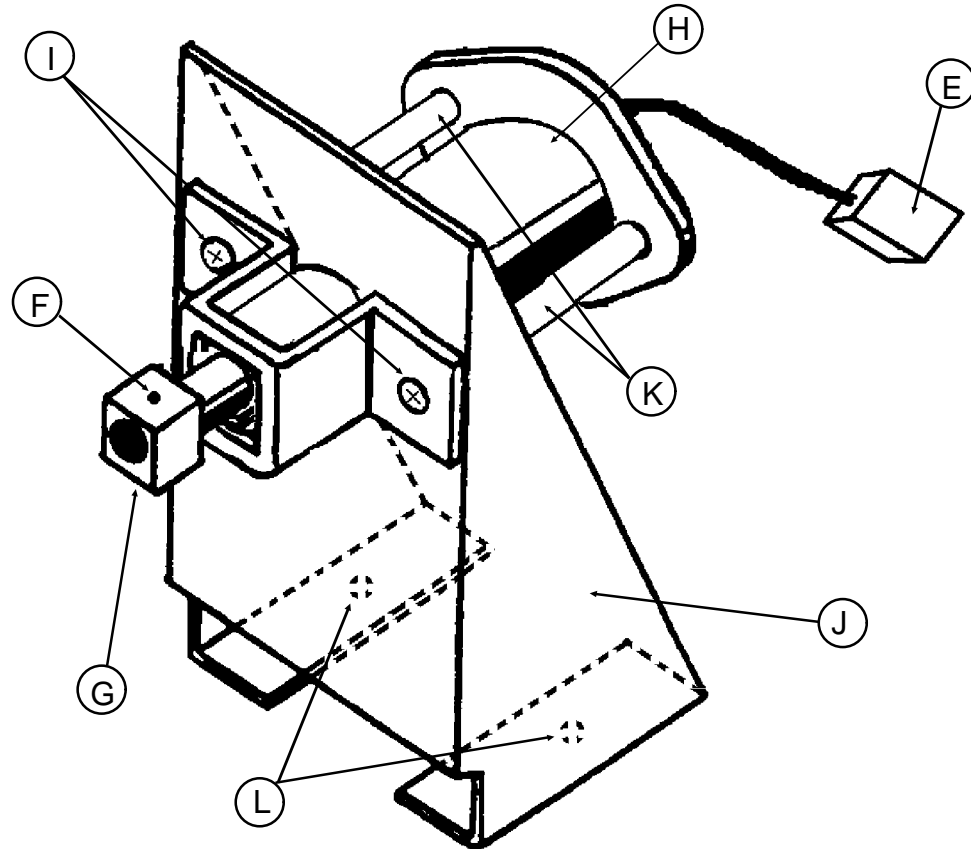


Figure 2

NOTE: If you are replacing the entire Actuator Assembly, including the Bracket, go on to step 11.

5. Loosen the Set Screw (Figure 2-F) holding the Actuator Block (Figure 2-G) on the Actuator (Figure 2-H), and remove the Actuator Block.

NOTE: Take care not to drop the small parts removed in the next step into the interior of the peripheral.

6. Remove the Retaining Screws and Nuts (Figure 2-I) holding the Actuator to the Actuator Bracket (Figure 2-J). Be sure to hold on to the Actuator Standoffs (Figure 2-K) when removing the Retaining Screws.
7. Remove the Actuator from the Actuator Bracket.
8. Install the new Actuator into the Actuator Bracket and secure it using the Retaining Screws, Nuts, and Standoffs removed in step 6.

9. Install the Actuator Block (removed in step 5) on the Actuator.
10. Place a small drop of Loctite on the Actuator Block Set Screw and secure the Actuator Block to the Actuator.

NOTE: If you are replacing only the Actuator, go on to step 15.

11. With a sharp object, scribe marks on the top of the head to show the position of the Actuator Bracket (Figure 2-J). This will allow you to position the new Bracket correctly.

NOTE: Take care not to drop the small parts removed in the next step into the interior of the peripheral.

12. Remove the Retaining Screws (Figure 2-L) holding the Actuator Bracket to the top of the head.
12. Remove the Actuator Assembly from the peripheral.
14. Position the new Actuator Assembly on the head and secure it with the Retaining Screws removed in step 11.
15. Plug in the Actuator Harness.
16. Replace the Side Cover and secure it with the Retaining Screws removed in step 3.
17. Replace the Front Cover and secure it with the Retaining Screws removed in step 2.
18. Plug the Power Cord into the wall socket and turn the peripheral on.
19. Perform a test sew out.

END OF PROCEDURE