
Part Replacement Instruction

Product: CH 1

Part Replaced: Theta Motor

Required Tools:

#2 Phillips Screw Driver

#1 Phillips Screw Driver

3mm Allen Wrench

1/16 Allen Wrench

Procedure:

1. Turn the machine off and unplug the Power Cord from the wall socket.
2. Remove the two Retaining Screws holding the Oiling Access Cover to the right side of the Chenille Head, and remove the Cover.
3. Unplug the Theta Encoder Cable Connector (Figure 1-B) from the Theta Motor (Figure 1-A). Remember the orientation of the Connector wires so that you can reconnect them properly in a later step.

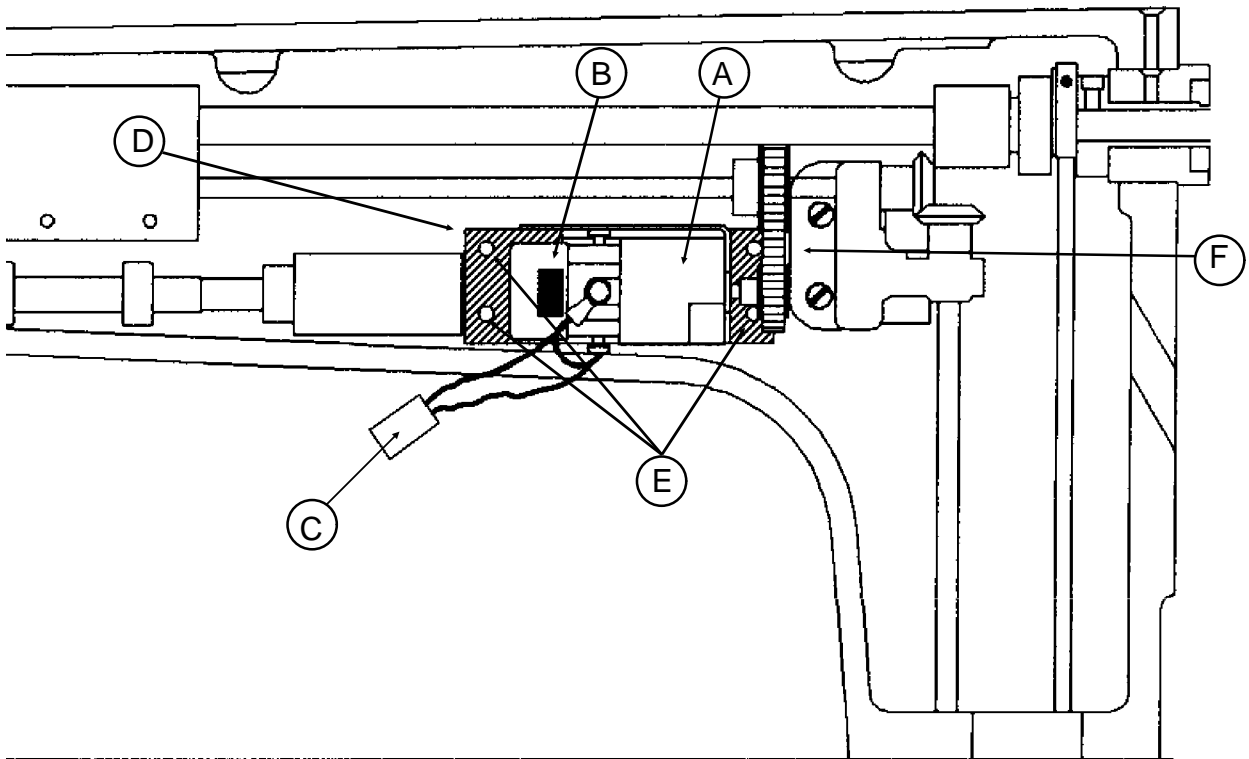


Figure 1

4. Unplug the Motor Drive Cable (Figure 1-C).
5. With a sharp object, draw an outline of the Theta Motor Mount (Figure 1-D) on the Head Case. This is to allow you to replace the Motor Mount in the exact same place in a later step, thus maintaining Belt tension.
6. Remove the three Mounting Screws (Figure 1-E) holding the Theta Motor Mount to the Case.
7. Lift the Motor slightly so that it is free of the Theta Drive Belt (Figure 1-F) and remove the Motor and Mount from the Head Case.
8. Position the new Motor and Mount into the Case, making sure that the Theta Motor Pulley engages the Theta Drive Belt.
9. Align the Motor Mount with the marks made in step 5, and secure it in place with the three Mounting Screws removed in step 6.
10. Install the Oiling Access Cover and secure with the two Retaining Screws removed in step 2.
11. Perform a test sew out.

END OF PROCEDURE