
Part Replacement Instruction

Product: EMC 1M, EMC 1MTL, EMC 6M, EMC 6ML, EMC 6MTL, EMC 6/4M,
& EMC 6/4MT

Part Replaced: Jump Stitch Solenoid

Required Tools:

6" Adjustable wrench
2.5mm Allen Wrench
3mm Allen Wrench
Small Side or Diagonal Cutters

Procedure:

NOTE: The figures used to illustrate this procedure are of the EMC 1 series machines. Although the EMC 1, EMC 6, and EMC 6/4 series peripherals are different, the procedure for changing the Jump Stitch Solenoid is the same in each machine, except as noted.

1. Turn the peripheral off and unplug the Power Cord from the wall socket.
2. Remove the Thread Spool Saddle (Figure 1).

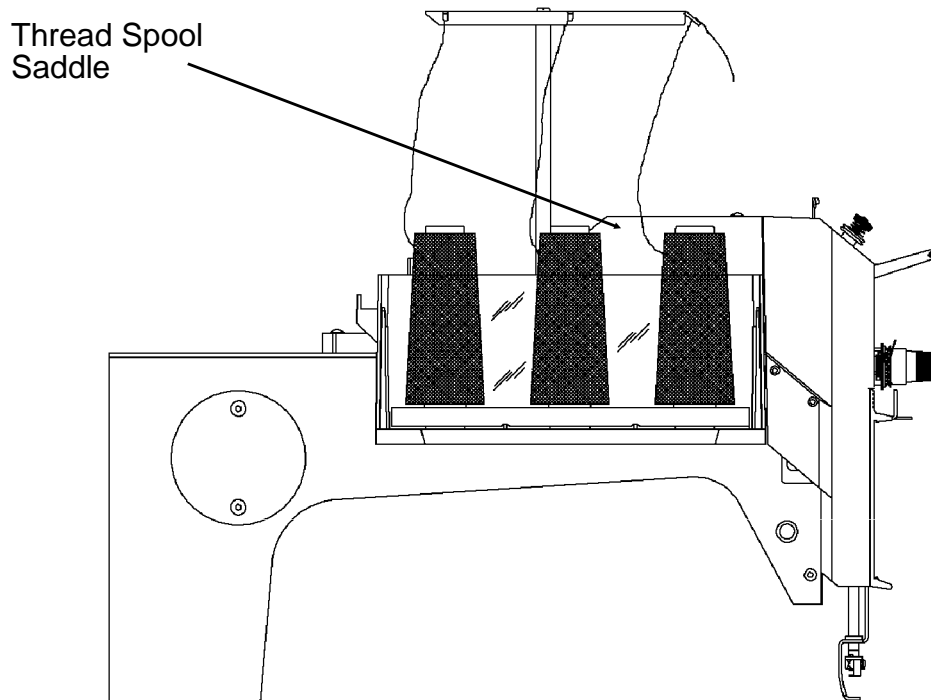


Figure 1

3. Unplug the two-wire Solenoid Cable.

- A. For the EMC 1, unplug the Cable from the wire bundle on top of the head.
- B. For the EMC 6 and EMC 6/4, unplug the Cable from the Color Change Board on top of the head and cut the white plastic tie-wrap holding the Cable in place.

4. Remove the obstacle blocking access to the Jump Stitch Solenoid Bracket.

- A. For the EMC 1, remove the two Retaining Screws holding the Jump Stitch Solenoid Cover on the head and remove the Cover (See Figure 2).
- B. For the EMC 6 and EMC 6/4, remove the Retaining Screw holding the Solenoid Lock-Out Lever to the rear of the Facia, and remove the Lever (See Figure 3).

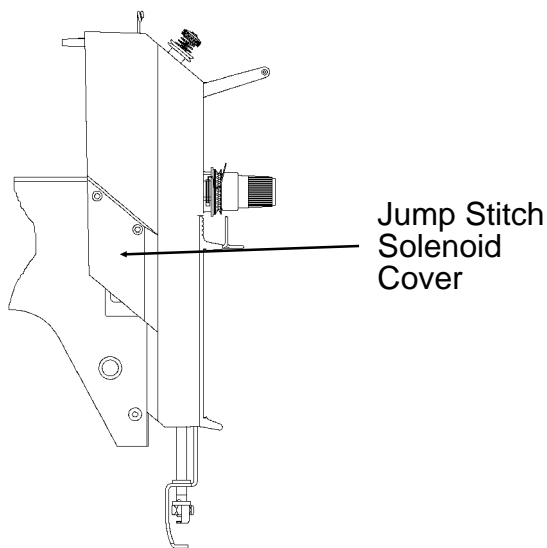


Figure 2

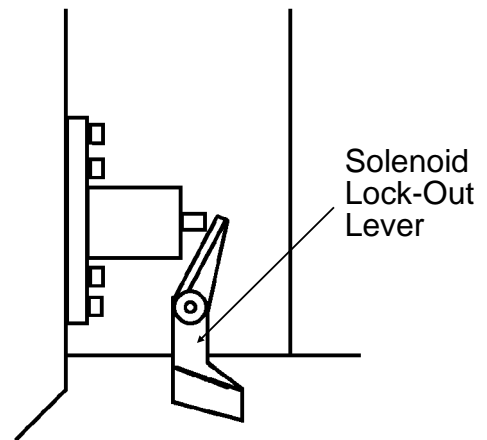


Figure 3

5. Remove the two Retaining Screws (Figure 4-A) holding the Jump Stitch Solenoid Bracket (Figure 4-B) in the head, and pull the Bracket away from the head.

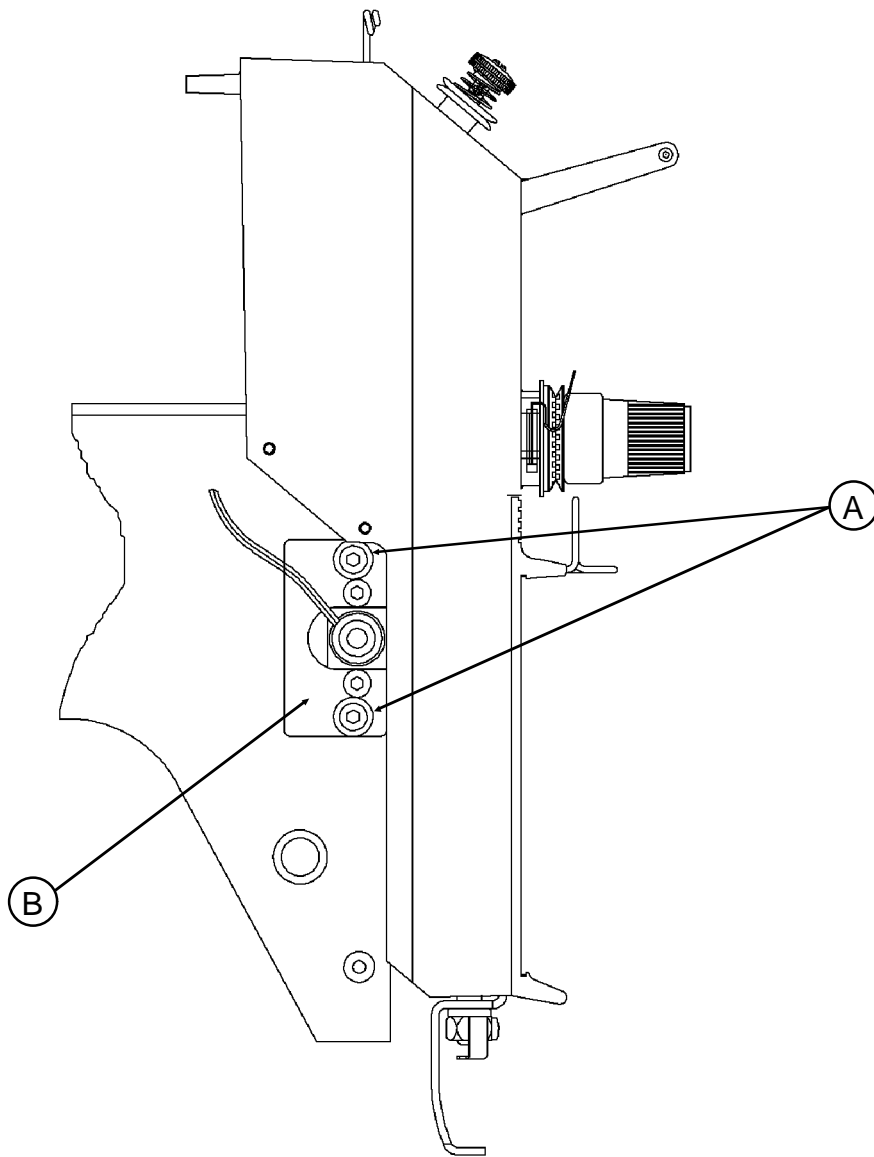


Figure 4

NOTE: Before proceeding, note the position of the Solenoid Cable in the Bracket, how the Bracket is put together, and of how many of the Solenoid screw threads protrude past the end of the Bracket, so that you can rebuild the assembly correctly in later steps.

6. Remove the Lock Nut (Figure 5-C) holding the Solenoid (Figure 5-D) in the Bracket Assembly.

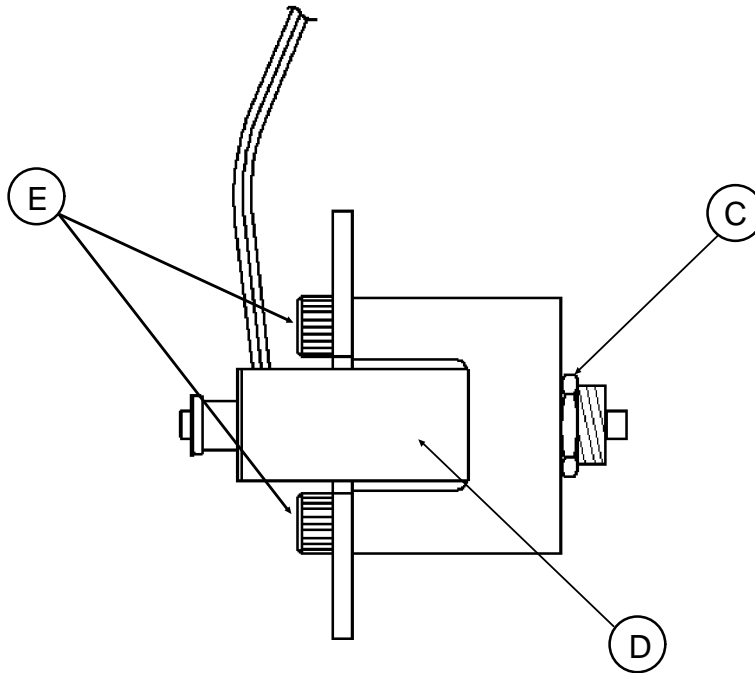


Figure 5

7. Remove the two Retaining Screws (Figure 5-E) holding the Bracket Assembly together, and separate the two pieces of the Assembly.
8. Unscrew the Solenoid from the Bracket and discard the old Solenoid.
9. Screw the new Solenoid into the Bracket so that the same number of threads protrude out of the end of the Bracket, as did with the old Solenoid.
10. Reassemble the Bracket using the two Retaining Screws removed in step 7, taking care not to bind or pinch the Cable in the process.
11. Secure the Solenoid in the Bracket with the Lock Nut removed in step 6.
12. Reinstall the Jump Stitch Solenoid Bracket in the head.
13. Make sure that the front edge of the Bracket is flush with the front of the head, and secure the Bracket in place using the two Retaining Screws removed in step 5.

14. Plug the Solenoid Cable into its receptacle.
15. Reinstall the Solenoid Cover, or Lock-Out Lever, removed in step 4.
16. Reinstall the Thread Spool Saddle.
17. Plug the Power Cord into the wall socket and turn the peripheral on.
18. Perform a test sew out.

END OF PROCEDURE