

TP2000 DETENT MOTOR ASSEMBLY REPLACEMENT INSTRUCTIONS

Tools Required:

- No.1 and No.2 Phillips screwdrivers
- Wrist strap (or similar device) for ESD grounding

To Replace the Detent Motor Assembly:

1. Verify that all replacement parts and tools are present.
2. Turn off the power switch, unplug the AC power cord, and disconnect all communication and interface cables.
3. **IMPORTANT: Properly ground yourself using an ESD wrist strap (or similar device) to prevent static discharge damage to the electronics.**
4. Remove two #8-32 Phillips screws from the Enclosure Door (located on backside of printer) and carefully open the door until it stops at a horizontal position then disconnect J5 connector from the Main Controller Assembly.
5. Remove two #8-32 Phillips screws from the Top Cover, located in front on bottom side, then lift and lock the Cover in place by pushing down the Locking Hinge Bracket, located on the left and inside of Base Assembly.
6. Remove two #4-40 Phillips screws and the Detent Motor Assembly from the left Endplate Assembly. **IMPORTANT: Notice the routing of the Detent Motor cable prior to motor removal.**
7. Assemble the new Detent Motor Assembly to the Left Endplate Assembly with the two #4-40 Phillips screws from step 6, reroute and connect the motor cable to J5 on the Main Controller Assembly.
8. Close and secure the Enclosure Door with the two #8-32 Phillips screws from step 4.
9. Unlock (pull up on Locking Hinge Bracket) and close the Top Cover then secure with the two #8-32 Phillips screws from step 5.
10. Reconnect all communication and interface cables, plug in the AC power cord and turn on the power switch.
11. Verify proper functionality by printing a self-test (*refer to the Operations and/or Maintenance Manuals if you need additional information*).

