

JOURNEY MAIN MOTOR REPLACEMENT INSTRUCTIONS

Tools Required:

- No. 1 and No. 2 Phillips screwdrivers
- 5/32" Allen Wrench
- Wrist strap (or similar device) for ESD grounding

Main Motor Replacement:

1. Verify that all replacement parts and tools are present.
2. Turn off power switch, unplug the AC power cord, and disconnect all communication and interface cables.
3. Unlock and remove the Bin 1 Access Cover by rotating the cover to the 11 O'clock position and lifting it up and off. Remove eight #8-32 Phillips screws and the Service Cover from the mechanical frame.
4. **IMPORTANT: Properly ground yourself using an ESD wrist strap (or similar device) to prevent static discharge damage to the electronics.**
5. Disconnect all connections from main controller board assembly (Figure 1).
6. Loosen the (4) main controller board Mounting Screws and remove the main controller board assembly.
7. Use a Phillips screwdriver to loosen (**but do not remove**) (2) #8-32 Belt Tensioner Screws. Move tension assembly to far right position, and re-tighten both screws (Figure 2).
8. Remove the main motor cable from the wire restraints (Note: Removing the U-shaped solenoid bracket will make it easier to route the wires). Note the cable routing from the motor to the main controller board.
9. Remove the belt from the motor pulley. Remove (3) Motor Screws (Figure 3) and main motor.
10. Mount replacement main motor (wires exiting toward the front of printer) with (3) Motor Screws.
11. Route wires through grommet (not shown) near output bin and behind U-shaped solenoid bracket through to main controller board area. Restrain wires using existing wire clips.

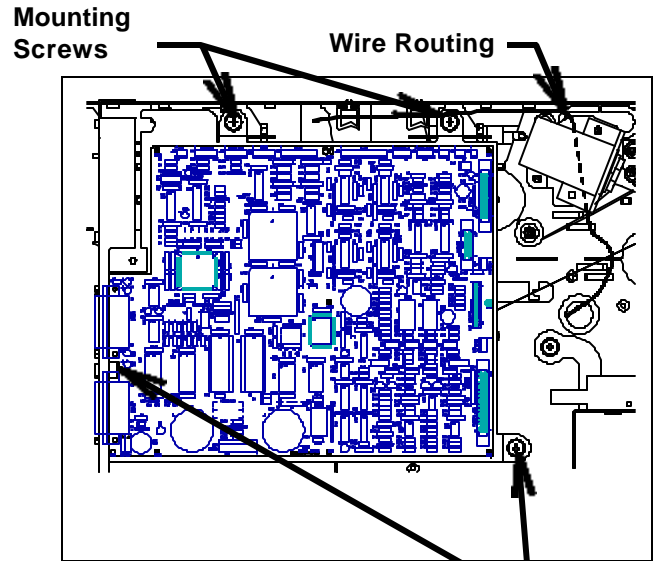


Figure 1 Mounting Screws

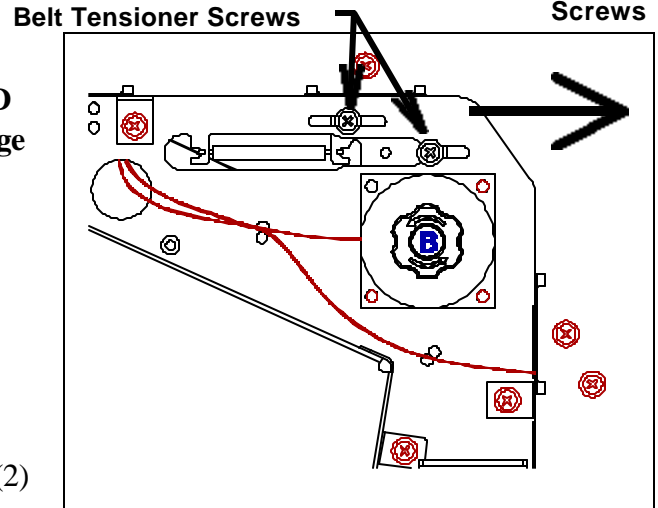


Figure 2

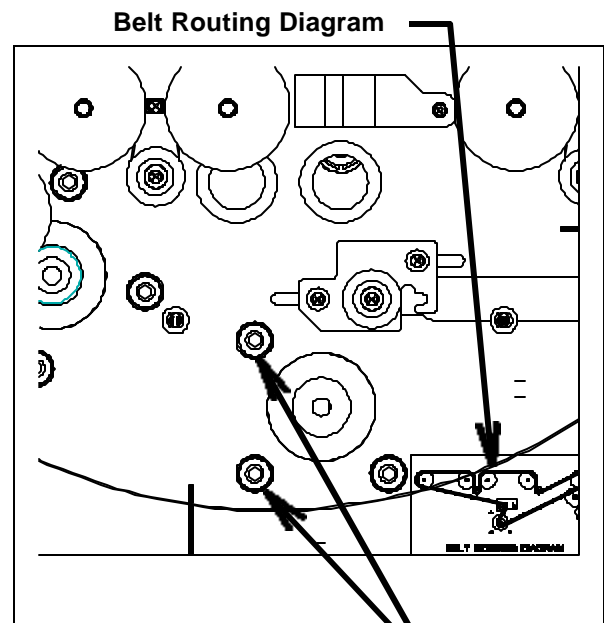


Figure 3

12. Reroute belt on motor pulley (see Belt Routing Diagram label).
13. Replace main controller board and plug in all connections to corresponding board locations (see tags for board locations). Restrain wires using existing wire clips.
14. Loosen Belt Tensioner Screws (**do not remove**) and let belt self-tension. Turn main motor knob “B” to distribute tension more evenly. Tighten (2) Belt Tensioner Screws. **Note: Do not over tighten the belt. Allow the tension spring to automatically set the belt tension and just tighten the screws. Verify belt is between all pulley flanges and there is no binding between belt and cables.**
15. Replace any other components that were removed. Replace both covers and close and the lock Bin 1 Access cover.
16. Reconnect all communication and interface cables, plug in the AC power cord and turn on the power switch.
17. Verify proper functionality by printing a test coupon (*refer to the Operations and/or Maintenance Manuals if you need additional information*).

