

JOURNEY EXIT SENSOR REPLACEMENT INSTRUCTIONS

Tools Required:

- No.1 Phillips screwdriver
- No.2 Long shaft Phillips screwdriver
- Wrist strap (or similar device) for ESD grounding

Exit Sensor Replacement:

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. 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. Unplug Exit Sensor's J22 connector from the Main Controller Board. (Figure 1)
6. Open the Zone 2 Access Door (Figure 2), remove the two Top Guide Screws (Figures 1 and 3) to the internal curved guide and loosen the two Bottom Guide Screws (**do not remove**). **Rotate the paper path knob 'B' CW to rotate the roller (or press down on rotate the internal curved guide outward.**
7. Remove #4-40 Sensor Screw from the internal curved guide (Figure 3). **IMPORTANT: Note the cable routing from the sensor to the PCB assembly and the position of the sensor before removing.**
8. Remove the old sensor from the wire restraints and pass through grommet (Note: Removing the U-shaped solenoid bracket will make it easier to route the wires).
9. Properly route the new sensor wires through the wire restraints and connect the connector to the Main Controller Board.
10. Install the new sensor using the previous #4-40 screw. **IMPORTANT: Slide the sensor all the way down until it bottoms out on the mounting screw. Make sure that the sensor is completely vertical and pointing downward.**

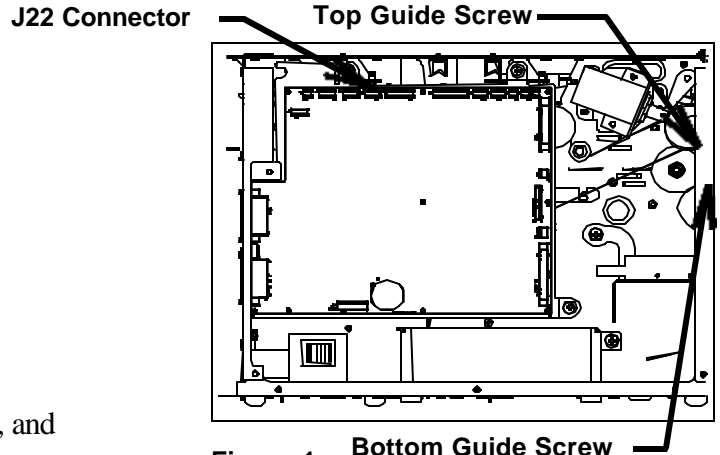


Figure 1

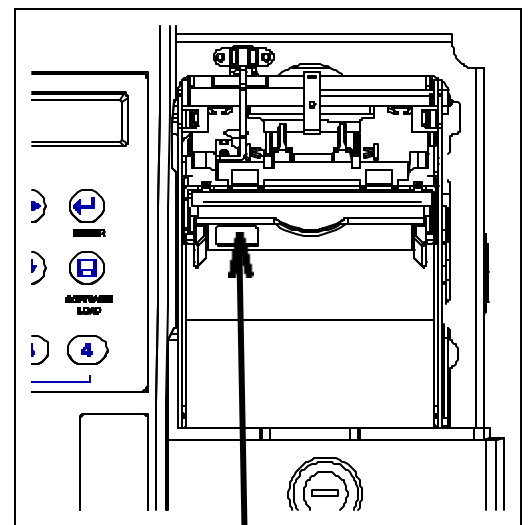


Figure 2

Zone 2 Access Door
the exit roller) and
Top Guide Screw

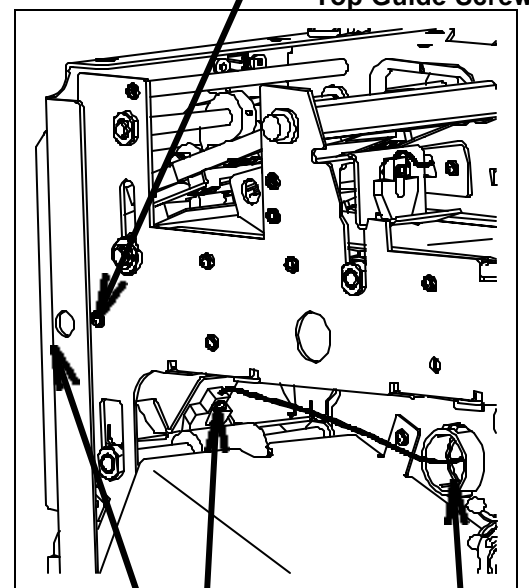


Figure 3

Bottom
Guide
Screw

Sensor Screw

Grommet

11. **Rotate the paper path knob 'B' CCW to rotate the roller (or press down on the exit roller) and rotate the internal curved guide back into place and secure four screws.**
12. Firmly close and lock the Zone 2 Access Door. Replace any other components that were removed.
13. Replace both covers and close and lock the Bin 1 Access Cover.
14. Reconnect all communication and interface cables, plug in the AC power cord and turn on the power switch.
15. Run the Calibrate Sensor routine to recalibrate the sensor positions. Verify proper functionality by printing a test coupon (*refer to the Operations and/or Maintenance Manual if you need additional information*).