

JOURNEY POST-MAG SENSOR REPLACEMENT INSTRUCTIONS

Tools Required:

No.1 Phillips screwdriver
Wrist strap (or similar device) for ESD grounding

Post-Mag 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 the Post-Mag Sensor cable from J20 connector, located on the Main Controller Board. (Figure 1)
6. Slide lever in ZONE 1 to open the top roller set.
7. Remove the #4-40 Sensor Screw from the Post-Mag Sensor. (Figure 2)
8. Remove old Post-Mag Sensor from wire restraints and remove sensor. **IMPORTANT: Note the cable routing from the sensor to the PCB assembly and the positioning of the sensor before removing.**
9. Properly route the new sensor wires through existing wire restraints and connect the connector to the Main Controller Board. 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.**
10. Firmly close and lock the ZONE 1 Access Door. Replace both covers and close and lock the Bin 1 Access Cover.
11. Reconnect all communication and interface cables, plug in the AC power cord and turn on the power switch.

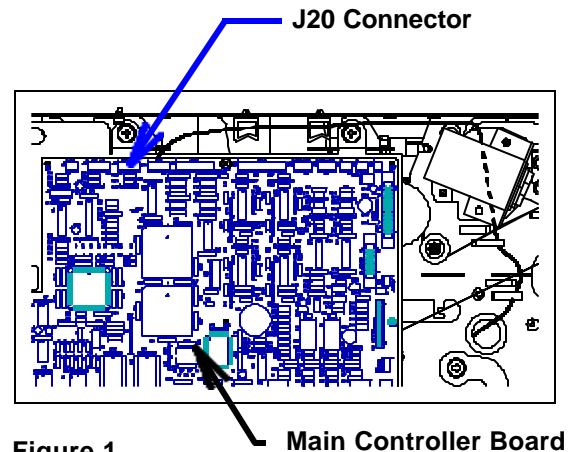


Figure 1 Main Controller Board

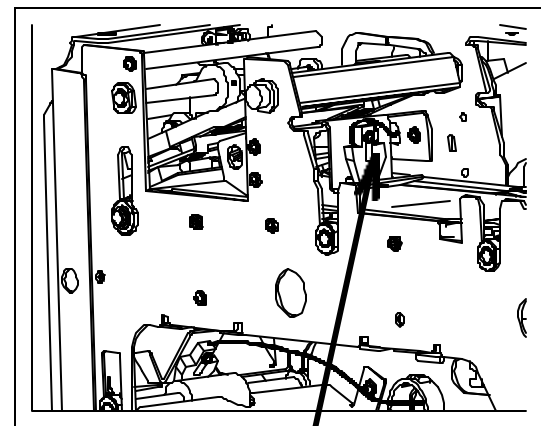


Figure 2 Post-Mag Sensor

12. 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 Manuals if you need additional information*).