

# JOURNEY PRE-MAG SENSOR REPLACEMENT INSTRUCTIONS

## Tools Required:

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

## Pre-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 open the Bin 1 Access Cover completely, until it rests on the Service Cover.
4. **IMPORTANT: Properly ground yourself using an ESD wrist strap (or similar device) to prevent static discharge damage to electronics.**
5. Remove (1) #8-32 Screw and lift out the Sensor Bracket (Figure 1). **IMPORTANT: Note the cable routing from the sensor to the connector and the position of the sensor before removing.**
6. Remove (1) #4-40 Sensor Screw.
7. Unplug the Pre-Mag Sensor's 4-Pin Connector and remove the old sensor from the wire restraints.
8. Install replacement sensor on Sensor Bracket and replace #4-40 Screw through sensor slot. **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**
9. Replace Sensor Bracket and secure with (1) #8-32 Screw at previous location.
10. Reroute cables through wire restraints and plug in Pre-Mag Sensor's 4-Pin Connector.
11. Close and lock the Bin 1 Access Cover. Reconnect all communication and interface cables, plug in the AC power plug and turn on the power switch.

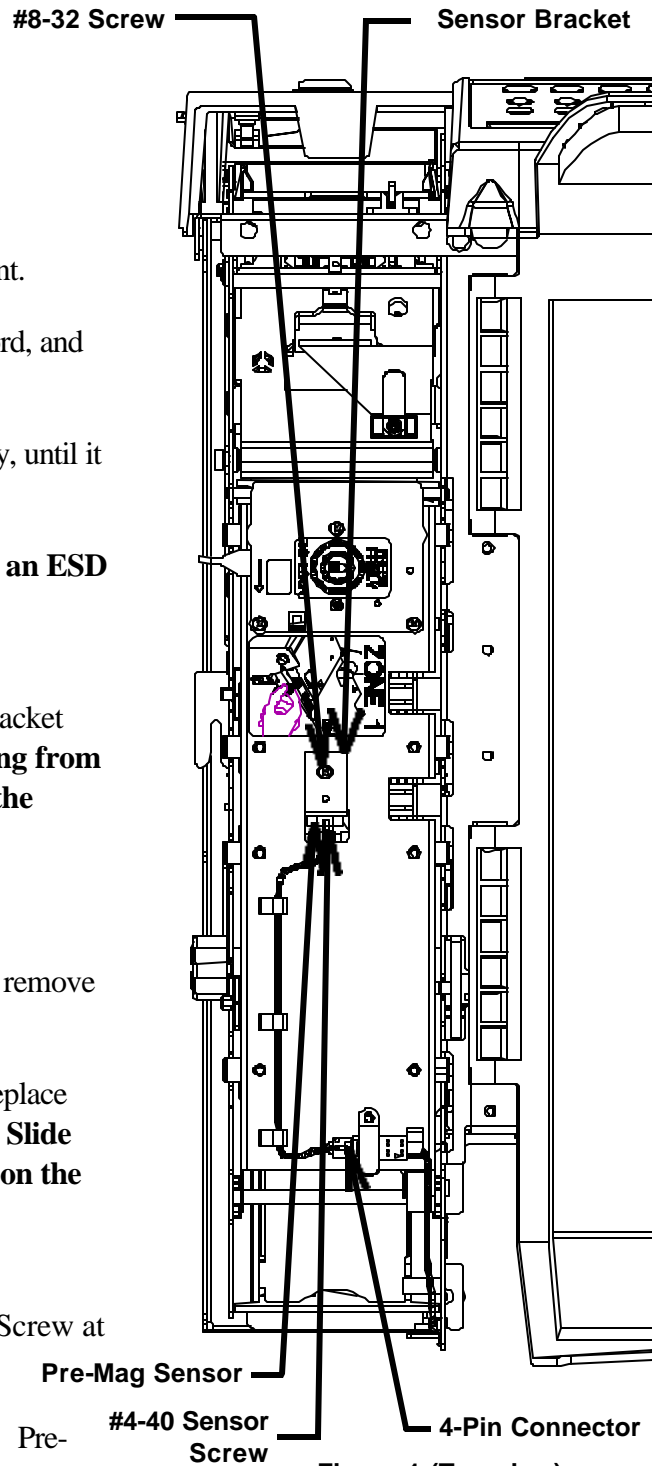


Figure 1 (Top view)

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*).