



**AUTOMATED MERCHANDISING SYSTEMS**  
 255 WEST BURR BLVD.  
 KEARNEYSVILLE, WV 25430  
 304-725-6921 Fax 304-725-6983  
 info@amsvendors.com

**INTERNATIONAL A.M.S. S DE RL DE CV**  
 KM. 9 CARR. AL CASTILLO NO. 8200  
 MPIO. DE EL SALTO, JAL. MEXICO 45680  
 5233-36-88-07-17

## **ADJUSTMENT INSTRUCTIONS**

### **New Emitter Board, PWM Calibration**

#### **CAUTION:**

- **Wear gloves – Metal edges may be sharp**
- **Always wear eye protection when servicing vendor**
- **If using a metal screwdriver, do not touch any other metal parts of the vendor.**

#### **Tools Required:**

- Small flat-bladed screwdriver

1. Remove power to the machine, install the new emitter board, and restore power to the machine. Enter SERVICE MODE, scroll to OPTIONS, and press 5 to check calibration.
2. The PWM value must be between 540 and 560, or the board will require an initial adjustment. This is done by adjusting a potentiometer on the board, and is made while the board is plugged in and the vendor is running.

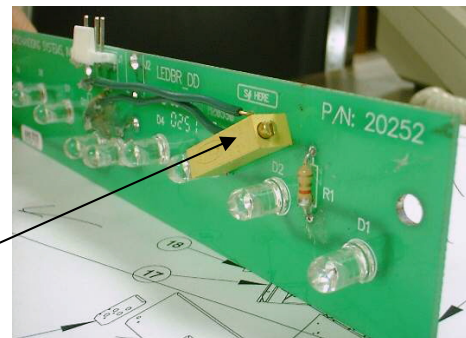
**NOTE:** If the vendor is cold and the door is opened, condensation may form. Allow the condensation to clear from the sensors before continuing.

3. Locate the emitter board on the right end of the hopper (see Figure 1). Use a small screwdriver to turn the potentiometer adjusting screw clockwise or counterclockwise (see Figure 2):
  - A. If the PWM value is less than 540, turn the screw clockwise a small amount to increase the value to between 540 and 560.
  - B. If the PWM value is greater than 560, turn the screw counterclockwise a small amount to decrease the value to between 540 and 560.
4. After making each adjustment, recheck the calibration as noted in Step 1.
5. When the PWM value has been adjusted to between 540 and 560, the emitter is calibrated.

**NOTE:** After the initial adjustment it is normal for the PWM value to change during vendor operation.



**FIGURE 1**  
**EMITTER**



**FIGURE 2**  
**SCREW**