

Sensor Kit Installation

1. At this point, please locate the Sensor Kit included in your Retrofit kit. Without unplugging the cables, unravel the boards.
2. The Sensor Mounting Plate (part # 05-0098-01) will now have to be mounted onto the Emitter board bracket, which is the smaller of the two boards. The hardware that is needed is mounted on this bracket for convenience. See figure 1 for orientation.

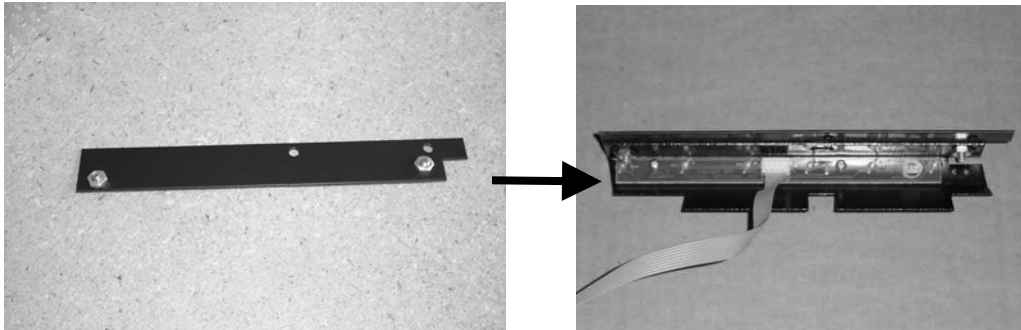


Figure 1.

3. Locate the two L-shaped brackets on both sides of the bin on the door. Unscrew the bottom screw completely with Philips screw driver. Next, loosen the top screw slightly to allow the bracket to move around freely. See Figure 2.

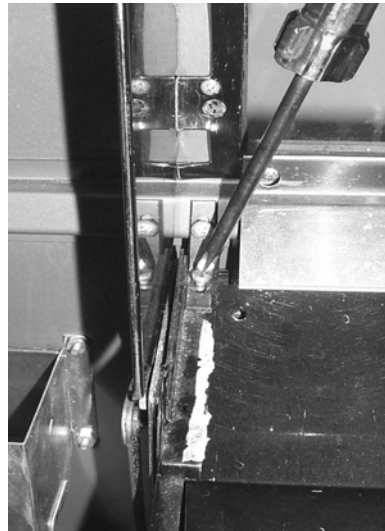


Figure 2.

4. You can now slide the Sensor mounting plate (installed on the Emitter board bracket) under the existing L-shaped bracket on the left side of the bin. This bracket should slide right underneath this L-shaped bracket and match up with the hole for the screw that has already been removed. The deflector may hit the bracket. If this happens, you may cut the corner of the deflector or bend it in so the bracket can be secured. Once you line this hole up, use a magnetic screwdriver to replace this screw. It may help to view this from the edge of the bracket where you can see straight back. Next, tighten the top screw by coming

in between the bracket and the edge of the “bin wall” with your screwdriver. Make sure this bracket is secure and straight. Install the 2nd screw that is halfway down the length of the Sensor mounting plate.

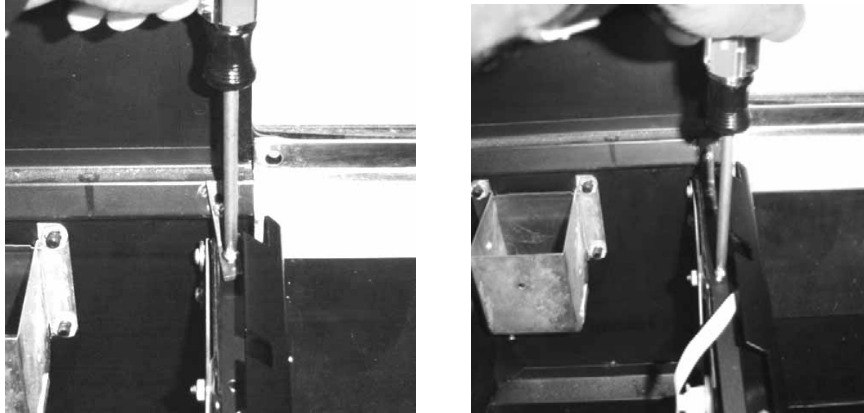


Figure 3.

5. This can be repeated for the Receiver board bracket (the larger board) , however the Sensor mounting plate is not used. This bracket will get mounted on the right side of the bin (closest to the hinged part of the door). The two sensor boards should be “facing” each other.



Figure 4

6. Confirm these two boards are connected with the Sensor Board Cable. The connectors are polarized so please take note to how they are plugged in. The cable should run along the sides and underneath the bin . Wire clasps are provided if needed. Make sure that this cable is OUTSIDE of the bin and not in the path of the boards. The two boards should be able to “see” each other with no obstructions. Refer to Figure 5.

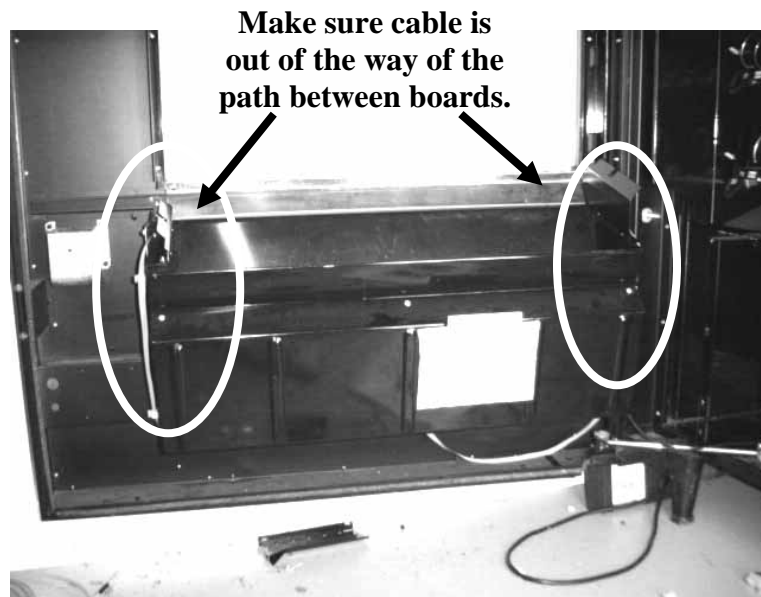
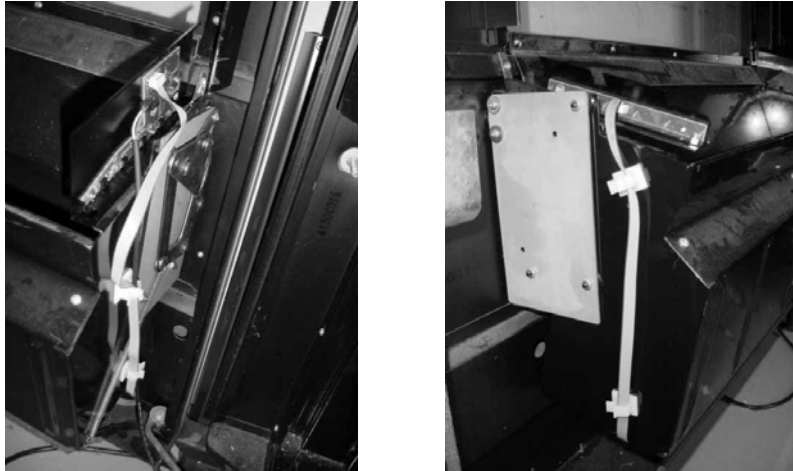


Figure 5.

7. Connect the receiver board to the control board. Use the Sensor to Control Cable that is already connected to the receiver board. The unconnected end will plug into the Drop Sensor header, J19 (J9 for LCM kits), of the vending machine controller (VMC). See Figure 6.

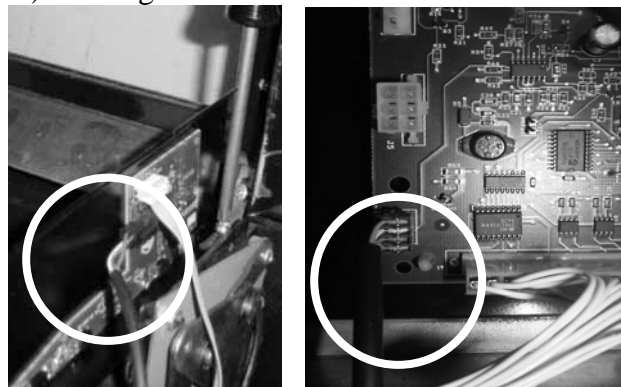


Figure 6.