

ENV-200FCW-C TO ENV-200FCW

FOOD INTAKE MONITOR CONVERSION MANUAL

DOC-123
Rev. 1.1

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CHAPTER 1***Standard ENV-200FCW-C***

This standard setup (shown in Figure 1) allows for the use “Crisco” type food.

Figure 1 - Standard ENV-200FCW-C

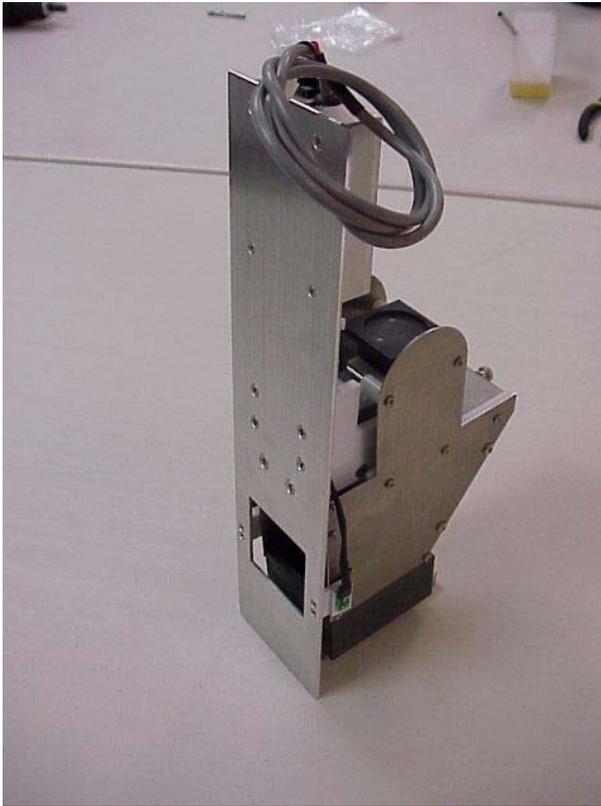
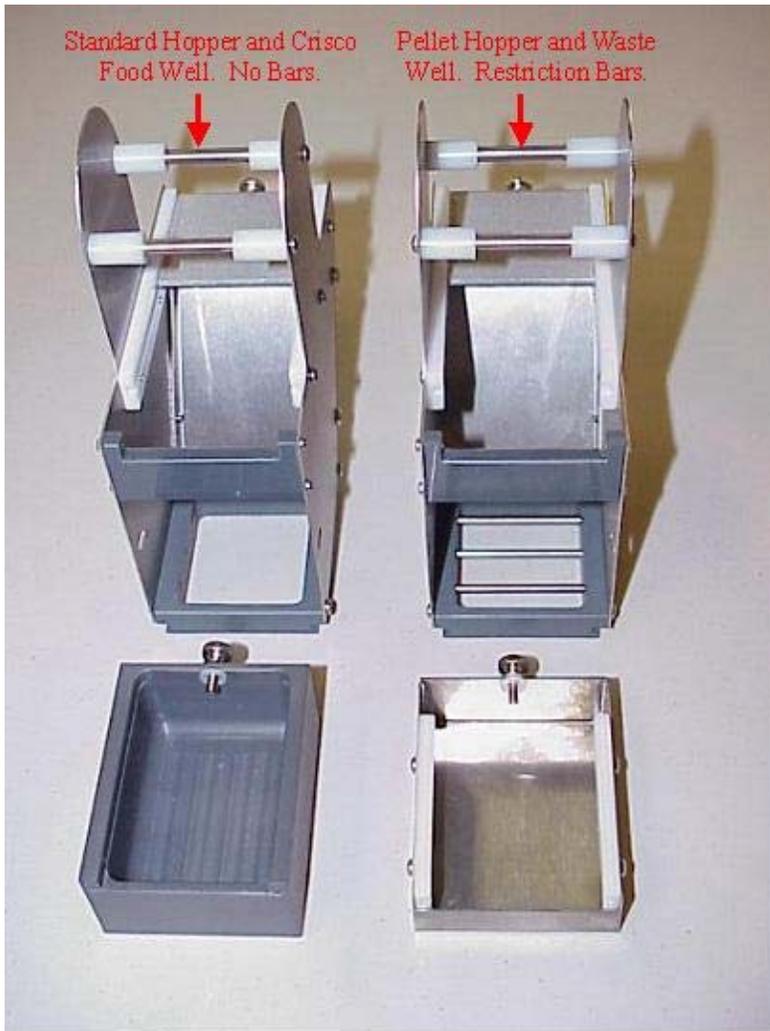


Figure 2: Standard and Food Pellet Hopper Setups



CHAPTER 2

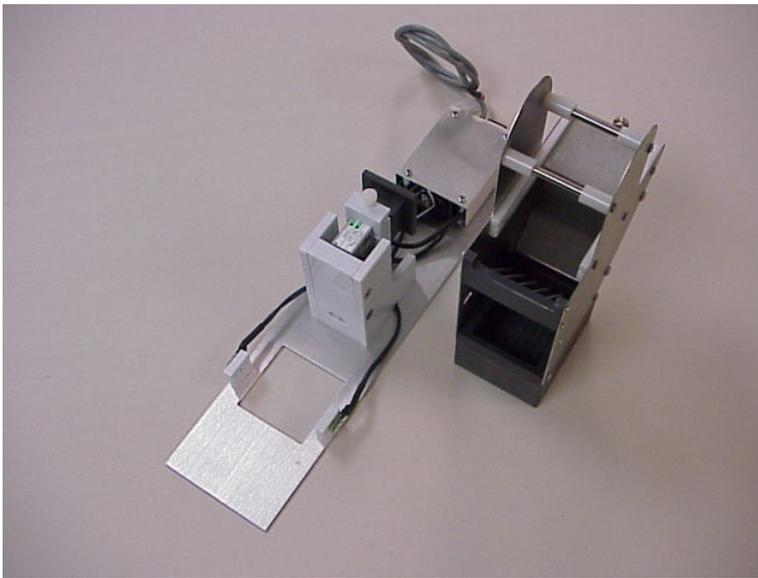
Converting ENV-200FCW-C to ENV-200FCW

After slight modifications, the ENV-200FCW-C can be used as a standard ENV-200FCW.

Modification Instructions

1. First, disassemble the hopper from the wall by rotating the piece away from the wall. Shown in Figure 3 are the two pieces disassembled.

Figure 3 – Disassembled Hopper Holder



2. Unscrew the thumbscrew and remove bottom holder. When this is complete, remove the bottom four screws around the base and remove rod holder. Shown in Figure 4 and 5 are the disassembled pieces.

Figure 4 – View of Food Hopper

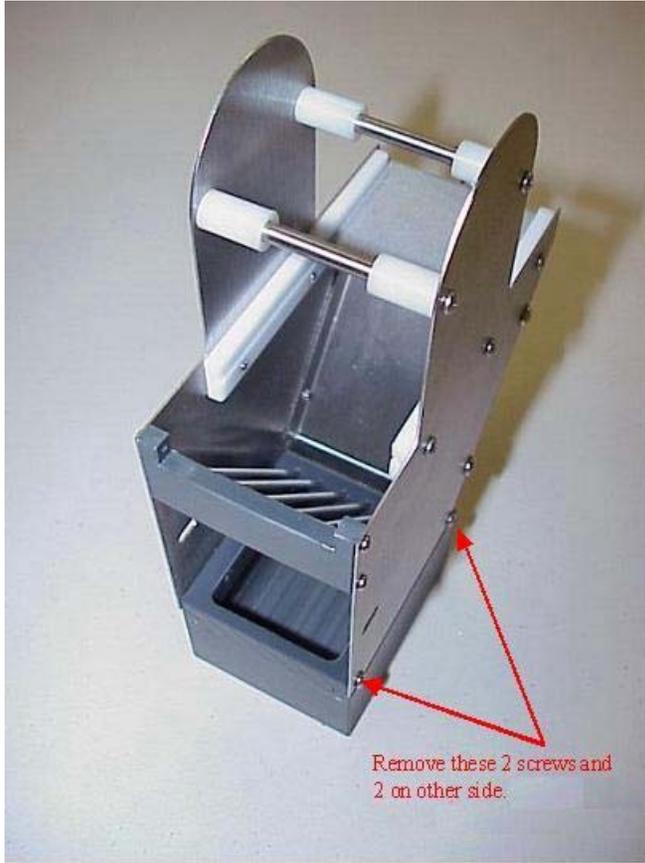
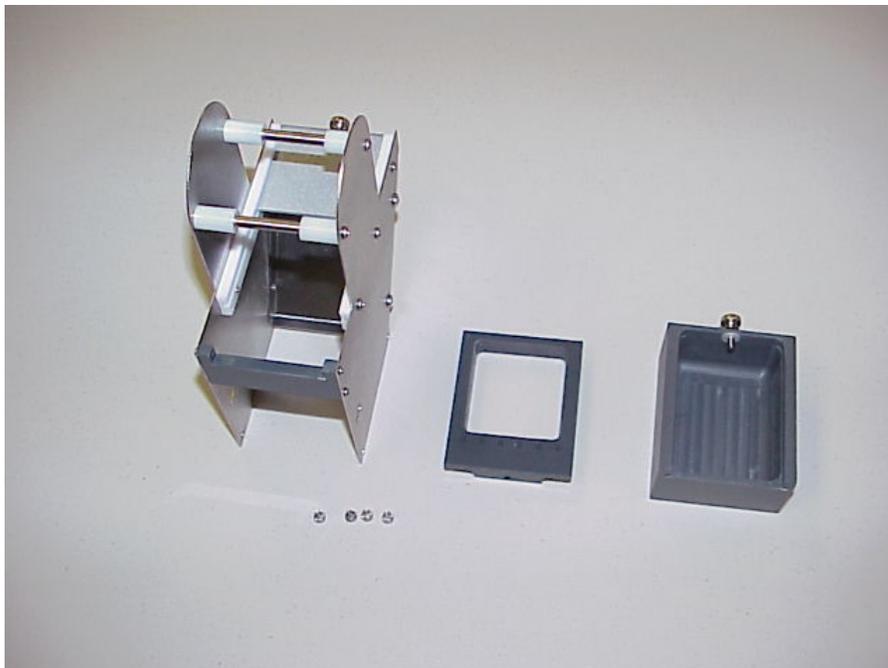
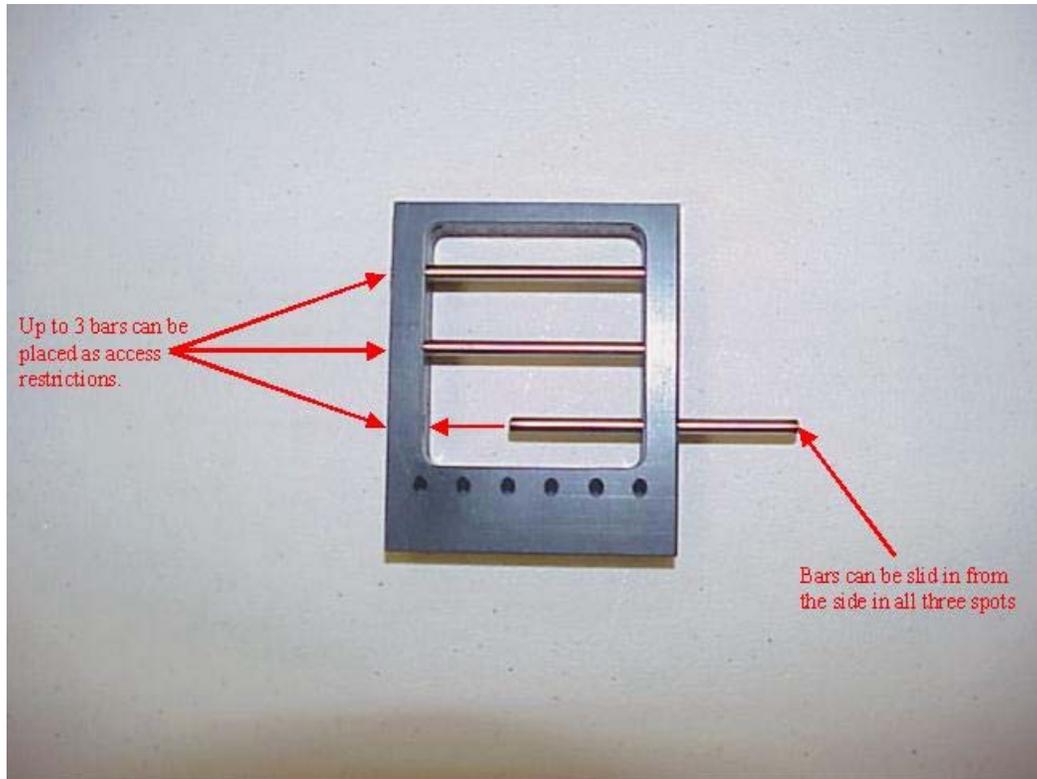


Figure 5 – Disassembled Food Hopper



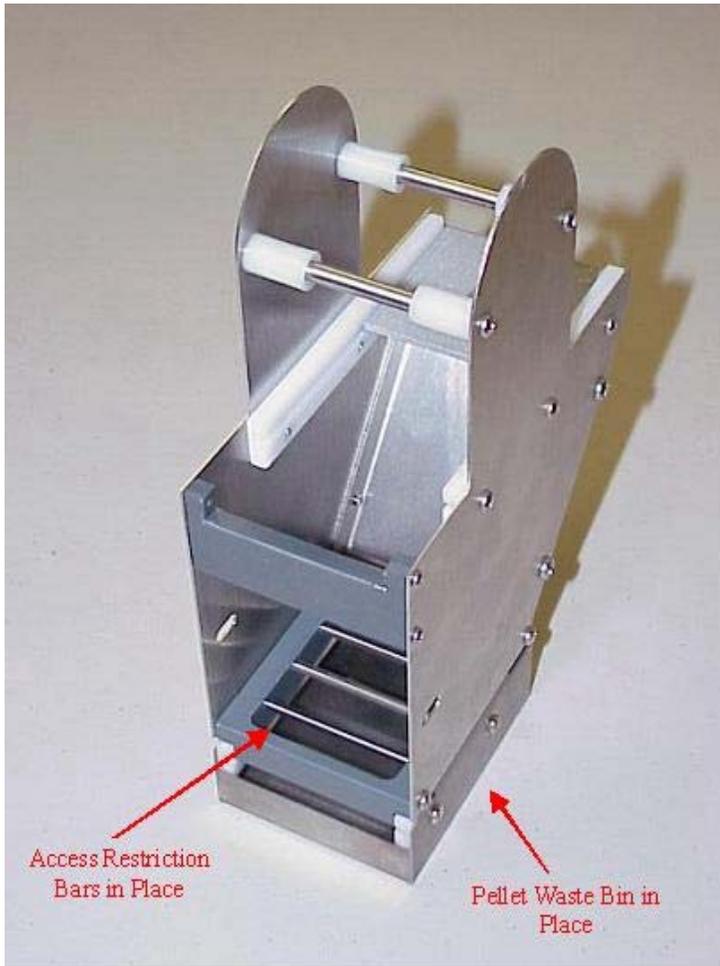
3. Place optional rods into positions to restrict food access, as shown in Figure 6.

Figure 6 – Optional Rod Assembly



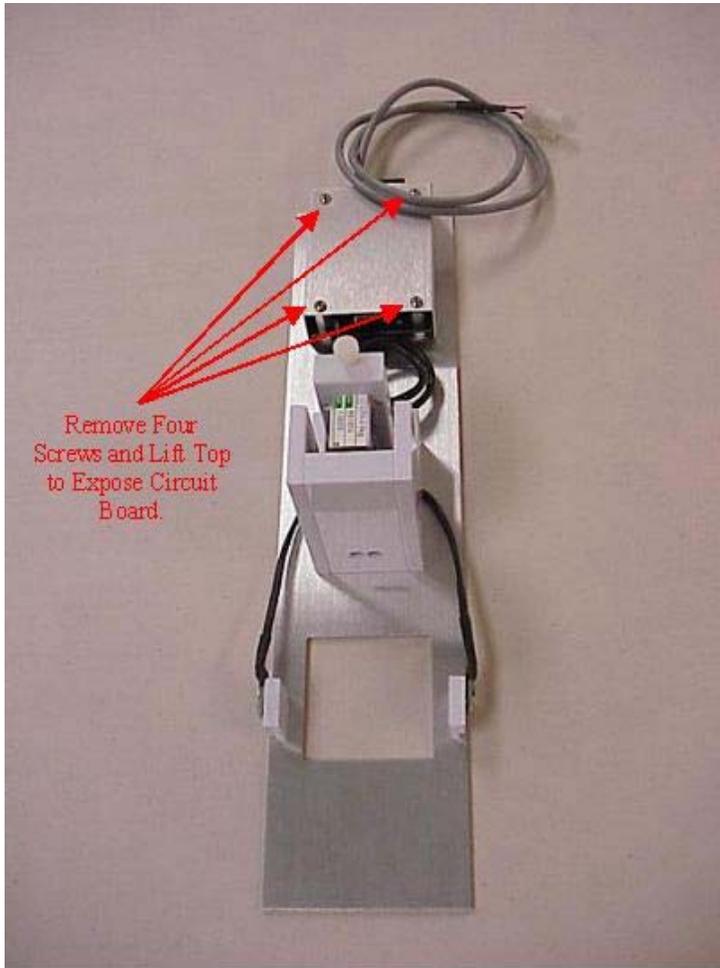
4. Place rod holder back into position and use screws to reattach. Place stainless steel waste collector bin onto base and screw in thumbscrew. Full assembly as shown in Figure 7.

Figure 7 – Food Pellet Hopper



- Next, remove the four screws covering the circuit board as shown in Figure 8.

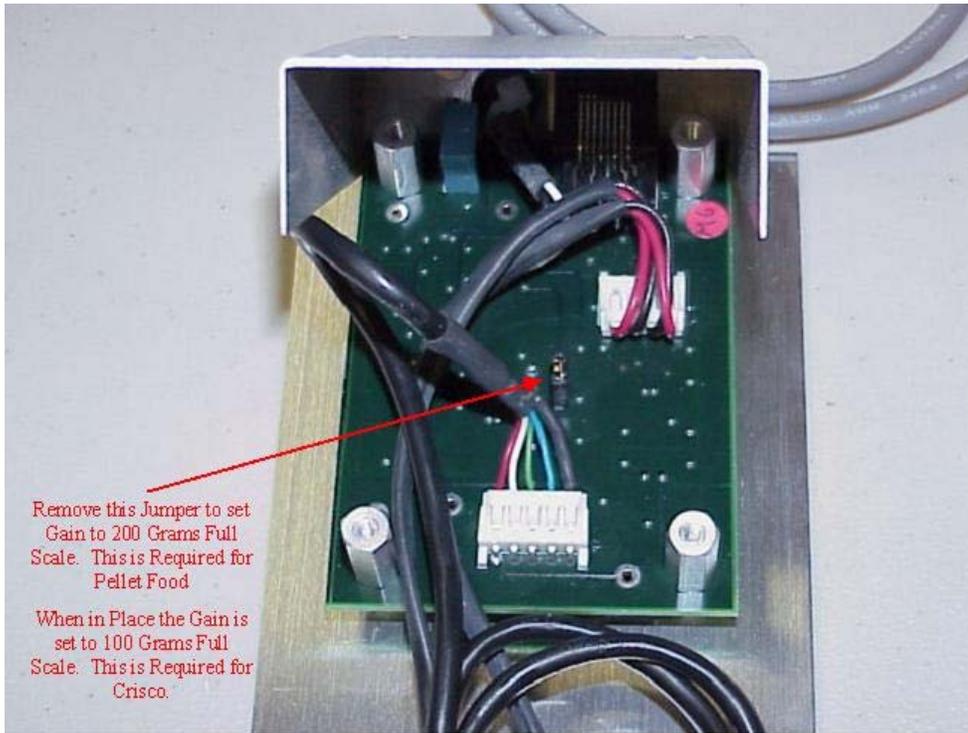
Figure 8 – Screws Securing Circuit Board Cover



- Once this is complete, lift the lid and remove the jumper as shown in Figure 9. This is to make sure the circuit gain used is appropriate for the bin attached to the bottom of the hopper. The factory set circuit gain is set for 100-grams full scale. For food pellets the circuit gain needs to be changed to allow a 200-gram full-scale reading. This is accomplished by removing the jumper, as stated above.

NOTE: Be sure to replace this jumper if returning to "Crisco" type food.

Figure 9 – Jumper to Remove



7. Place lid back into original location and secure in place using the four screws.
8. Reassemble hopper setup and hopper holder by placing it onto wall divider. Shown in Figure 10.

Figure 10 – Reassembled Hopper

