

INSTRUCTION SHEET:
AC-FS5 and AC-FS10
ASSESS AND REPLACE FAULTY DRIVER BOARDS

FlavorShot Dispensers are equipped with pumps, each with a dedicated driver board. The driver board activates its pump when a flavor button is pressed on the door. Communication between the door and the pumps (via the driver boards) is easily checked through the LCD display on the door.

Pump assessment:

1. Turn the power switch **OFF** and then back **ON**. The power switch is located at the lower left side toward the front of the dispenser.
2. Ensure the LCD displays, "Wait" followed by 5 dots (for the AC-FS5 Dispenser) or 10 dots (for the AC-FS10 Dispenser).
"Wait....." indicates all pumps are communicating. If the symbol "^" appears anywhere in this row of dots, it indicates that a pump has failed to register.
"Wait..^..", for example, indicates that pump 3 has not registered and that it will not dispense product. This is usually caused by a faulty driver board.
"Wait^^^^^" indicates communication to all pumps has failed which usually means at least one faulty driver board exists. The driver board(s) causing the communication problem must be determined.

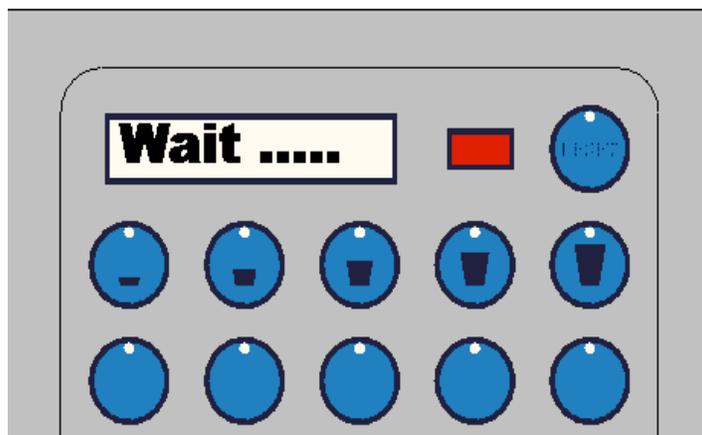


Diagram 1

Driver board assessment:

1. Access the driver boards.
 - a. Remove the back panel of the dispenser by removing the eight (8) screws.
2. Disconnect the 3 pin daisy chain connector from the bottom of each board (Diagram 2).
3. Reconnect the connector to driver board #1. When viewed from the back, driver board #1 is on the extreme right of an AC-FS5 and the extreme right, upper row of an AC-FS10.
4. Turn the power switch **OFF** and then back **ON**.
5. LCD displays "Wait". Check if the first character following "Wait" is a "^" or a ".".
 - a. If "." is displayed, do not disconnect the connector.
 - b. If "^" is displayed, disconnect the connector.
6. Move left and connect the connector to driver board #2.
7. Repeat step 5 this time observing the second symbol following "Wait".
8. Continue this process until all driver boards have been checked.
9. Any board that displays a "^" must be replaced.

If you have any questions or concerns when performing this procedure, please contact the SureShot Dispensing Systems® Technical Assistance Center at 1-888-777-9990 or 1-902-865-9602 OR e-mail service@sureshotdispensing.com

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Driver board replacement:

1. Turn the power switch **OFF**.
2. Remove the back panel of the dispenser by removing the (eight) 8 screws.
3. Disconnect the 4-pin connector from the top of the driver board to be replaced.
4. Disconnect the 3-pin connector from the bottom of the driver board to be replaced.
5. Remove the 2 socket-head cap screws to release the driver board. (2.5 mm Allen key required).
6. Carefully draw the driver board back over the threaded lead screw.
7. Install the new driver board by reversing the order of removal.

Assign address for the appropriate tank position:

1. Turn the power switch **ON**.
2. Once the new driver board is installed, locate the Reverse Button on the left side of the driver board and the Forward Button on the right side of the driver board.
3. Press and hold both the right (Forward) and the left (Reverse) buttons simultaneously.
4. The red status light in the upper right corner of the driver board will blink.
1 blink – 1 second pause – 2 blinks – 1 second pause – 3 blinks – 1 second pause, etc. in sequence for each of the flavor tanks. (E.g. 1 blink for tank 1, 5 blinks for tank 5.)
5. Count the number of blinks after each pause. **Release** the buttons **after** the number of blinks for the tank number of the driver board replaced.
Example: Replacement driver board #5 corresponds to tank #5. Release buttons after 5 blinks.
6. One second later the status light will blink the number of your tank to verify the tank number that you have just programmed.
7. Turn the power switch **OFF** and then back **ON**.
8. LCD displays **"Wait"**. The location of the **"^"** symbol should now be replaced with a **"."**.
9. Prime and dispense from the pump to confirm it is working.

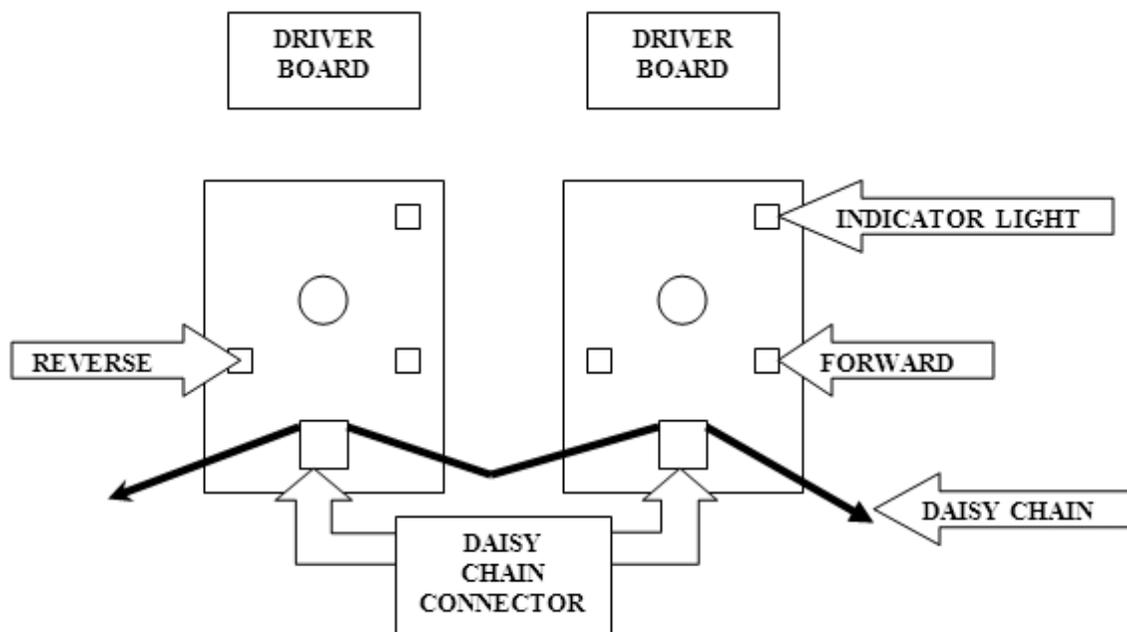


Diagram 2

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