

Instruction Sheet:

IntelliShot Dairy Dispenser Valve Area and Valve Assembly Cleaning

- The valve area should be wiped clean daily.
- The valve assembly should be cleaned once a month or more frequently as required.
- The valve assembly may contain electronic devices for temperature control and a valve door alert.
Do not dislodge any attached wires during cleaning.

Cleaning the Valve Area

The area around the valve door must be kept clean for proper sanitation and to maintain accurate portion amounts.

1. Open the door of the dispenser.
2. Thoroughly wipe the area around the valve using either a soft cloth dampened with warm, clean, soapy water or a sanitized wipe.
3. Wipe using a soft cloth dampened with warm, clean water to remove any soap residue.
4. Wipe with a sanitizer soaked towel.
5. Dry the area thoroughly with a soft cloth.
6. Close the door of the dispenser.

Cleaning the Front Panel and Valve Assembly

Before cleaning the valve assembly, set aside a spare dairy tube and prepare containers of:

- warm, clean, soapy wash water
- warm, clean rinse water
- sanitizing agent

Removing and cleaning the front panel

1. Turn the dispenser off and unplug it.
2. Open the dispenser door.
3. Open the valve door by turning the thumbscrew counterclockwise.
4. Remove the product case from the dispenser.
5. Remove the catch tray (if applicable).
6. Remove the four screws that attach the front panel to the dispenser.
7. Squeeze the black grommet at the top left of the front panel and pull it forward to release it and the wires from the panel. This can take some effort.
8. Clean the front panel and screws.
 - a. If a dishwasher is available, the front panel can be cleaned on the full wash cycle. If a dishwasher is not available, wash thoroughly in warm, soapy water with the screws.
 - b. Rinse well with warm, clean water.
 - c. Wipe with a sanitizer soaked towel.
 - d. Wipe dry with a soft cloth to prevent spotting.

If you have any questions or concerns while performing this procedure, please contact the SureShot Solutions Technical Assistance Center by phone (888 777-9990 or +1 902 865 9602) or email (service@sureshotsolutions.com). Find other helpful instruction sheets and videos on our website at www.sureshotsolutions.com.

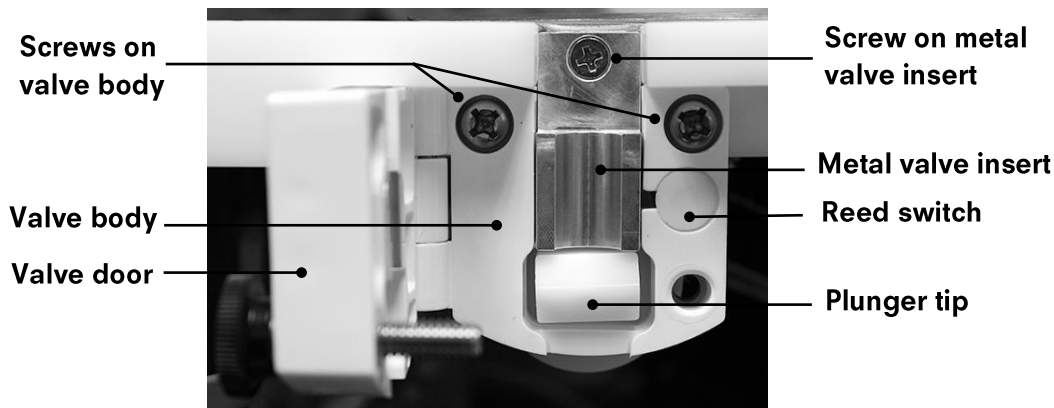
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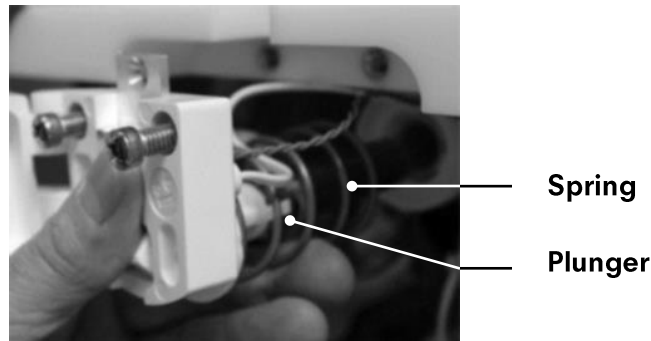
Removing and cleaning the valve assembly

1. Remove the screw at the top of the metal valve insert of the valve assembly. The metal valve insert may have a thermistor wire attached to it.

There is only one thermistor wire for each dispenser. For dispensers with more than one product, the thermistor wire is attached to the metal valve insert located in the left valve. If removing the right valve without a thermistor wire from a two product dispenser, set aside the metal valve insert for cleaning.



2. Firmly hold the valve body assembly (the spring may push the valve assembly forward when removing the screws). Remove the two screws from the upper corners of the valve body. Set aside the screws for cleaning.

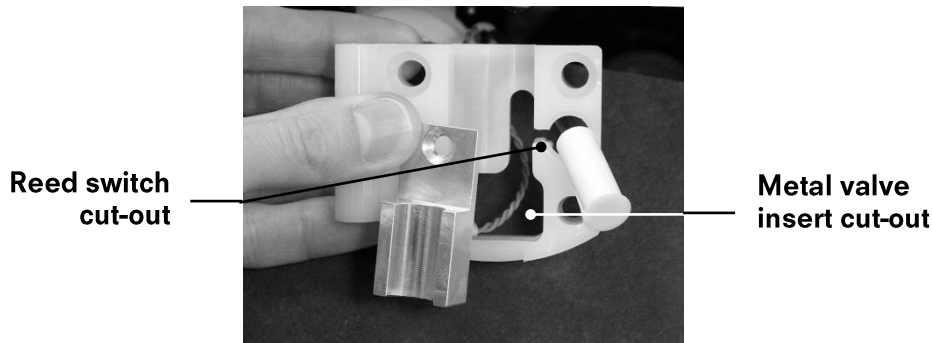


3. Gently remove the valve door, plunger, and spring from the valve body. The metal valve insert and reed switch sensors are wired to the dispenser and are threaded through the valve body. In some cases, the valve body style will prevent it from being completely removed from the dispenser.

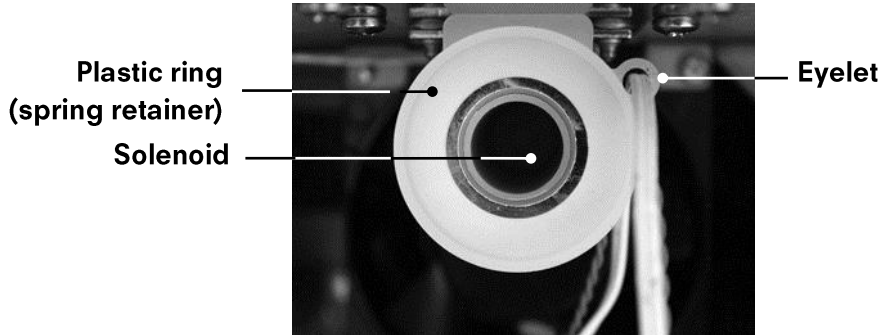
For a newer style valve body, remove the metal valve insert and reed switch from the valve body by sliding the wires horizontally through the cut-out and gently remove them through the larger opening of the cut-out. Set aside the valve body for cleaning.

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4. Remove the round plastic ring (spring retainer) from the solenoid. It cannot be fully removed from the dispenser as the metal valve insert and the reed switch wires are threaded through an eyelet on the plastic ring (spring retainer).



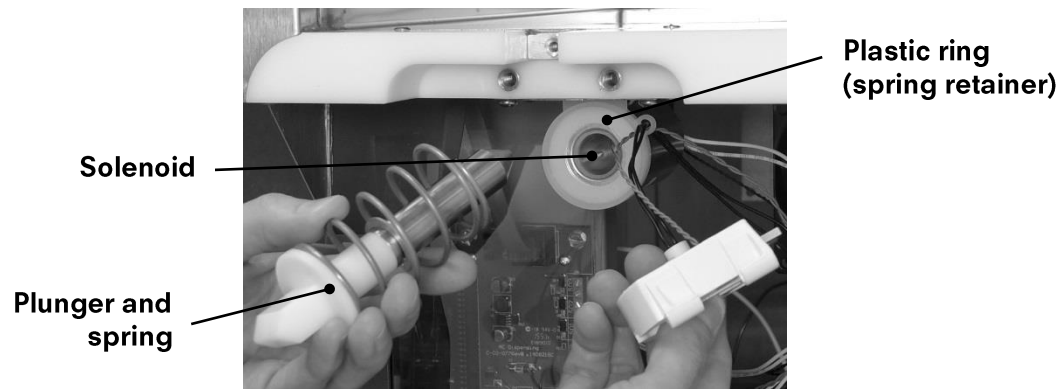
5. Clean the valve door, valve body, plunger, spring, and screws in warm, soapy water. Rinse thoroughly, then sanitize and air dry. If the valve body style prevents it from being completely removed from the dispenser, clean the metal valve insert, reed switch, and plastic ring (spring retainer) by carefully dipping them in clean, soapy water. Rinse in clean water, sanitize and very carefully wipe dry with a clean, soft cloth.
6. While cleaning, examine the hinges. Broken hinges can result in over dispensing and must be replaced immediately.
7. Wipe the valve block with a clean, damp cloth.
8. Before reassembling the valve, check to see if there is product buildup inside the solenoid. If necessary, use a plastic knife and damp cloth to clean the area.

Reinstall the valve assembly and front panel

1. Install the plastic ring (spring retainer) snugly onto the solenoid with the flat section at the top so that the eyelet is on the right side.
2. Position the spring onto the plunger.
3. Place the plunger and spring into the solenoid, ensuring the plunger tip is positioned horizontally, and the back of the spring is pushed up against the plastic ring. Ensure the spring is centered on the plastic ring (spring retainer).

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4. If required, re-install the metal valve insert and reed switch into the valve body by sliding the wires through the wire cut-outs on the valve body. Skip this step if the metal valve insert does not have a thermistor wire attached to it.
5. Attach the valve door to the valve body.
6. With the valve door open and attached to the valve body, line up the screw holes on the valve body with the screw holes on the valve block (dispenser). Push and hold the valve body firmly to compress the spring. While holding firmly, install the long screws to secure the valve body to the dispenser. Tighten until snug, but do not over-tighten.
7. If not done in step 4, re-install the metal valve insert. Install the short screw to secure the metal valve insert to the dispenser. The screw must fit snugly so that the refrigeration system operates properly. Do not over-tighten.
8. Gently pull the wire(s) back through the eyelet to ensure they move freely and that they are not pinched in the spring or hanging down.
9. Close the valve door by turning the thumbscrew clockwise. Do not over-tighten.

Reinstall the front panel

1. Re-install the front panel. Slide it up between the valve body and the plunger. Install the four screws that were removed earlier and saved for reuse.
2. Close the dispenser door, plug it in and turn it back on.
3. Place a tube in the valve and close the valve door.
4. Press any button that will dispense product. Listen for the solenoid to open and close to make sure that the plunger is moving freely and operating properly. The solenoid will make a sound when it opens and closes. Once verified, the spare tube can be removed.
5. Load product case(s) into the dispenser.

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