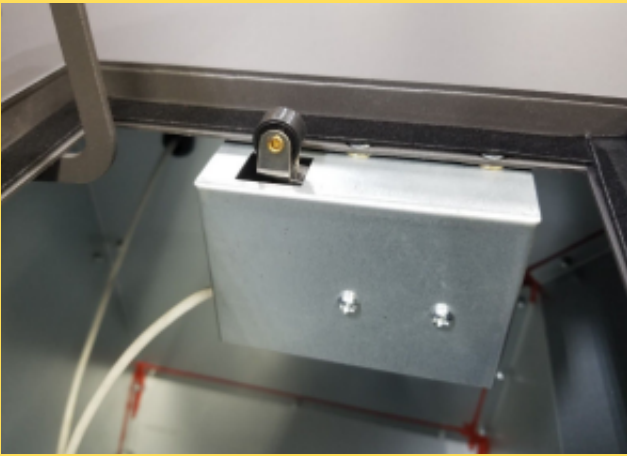


Hopper Lid Switch



Location:

The Hopper Lid Switch is located on the top-right side of the stove, mounted just underneath the hopper lid on all models. (All models except the HP50 and HP22i insert models have the roller style shown above. The HP50 and HP22i insert have a plunger style, not shown)



Function:

The main purpose of the Hopper Lid Switch is to detect when the hopper lid is opened or closed. When the lid is open, it will stop the auger from feeding pellets.



Troubleshooting:

When the switch is operating correctly, there will be an “L” symbol visible on the bottom of the main screen on the control panel whenever the hopper lid is shut. If the “L” is not present, follow these steps:

- 1. Manual Test:** Depress the roller (or plunger) all the way down with your finger. If the “L” reappears on the screen while the switch is manually engaged, this usually means that the switch itself is probably good but is seated in a way that is not making good contact with the lid. If the “L” does not reappear, or flickers on and off, this could indicate some internal problem within the switch or the wiring.
- 2. Readjustment:** If the switch is verified good using a manual test, oftentimes a readjustment may resolve the issue. Most often, it is the roller arm on the top that had gotten bent down by the weight of the lid closing. Using your finger, you can slightly bend the roller arm back and up so that it makes better contact with the lid plate when it closes.
- 3. Bypass:** If the switch itself is verified to be bad, there is the option to bypass it. When you take the switch assembly apart, you will see where the wire forks attach to the bottom screw posts. Connecting both forks to the same screw post will complete the circuit and will report an always closed message to the motherboard. When bypassed, the auger will not stop feeding even when the hopper lid is open. Caution is advised, please do not put your hands down into the hopper during operation.