

OPTICAL SWITCH SENSOR ASSEMBLY SRV7034-038

INSTALL INSTRUCTIONS

Replaces MPNs: SRV7034-038

Before Installing

- **ALWAYS** unplug the unit before beginning any work
 - Allow the unit to cool completely if recently used
 - Work in a well-lit area with proper tools
 - Ensure there are no pellets in the hopper assembly
-

Installation Steps

1. Unplug the unit
2. Open the wiring access panel to access the feed system where the optical sensor is. The feed system can be accessed on the right side of the unit. There are two hooks the assembly hangs from at the top and there is a single phillips screw that holds the assembly in place located at the bottom of the motor mount.
 - The whole assembly can be removed by disconnecting the power to the assembly at the molex connection, loosening the phillips head screw under the motor on the motor bracket, and pulling the feed assembly out of the feed tube.
 - The power can be reconnected for testing once the assembly is out of the machine. (Refer to the [Troubleshooting Manual](#) for the testing checklist).
 - To test the assembly out of the feed tube, stuff a rag into the top of the feed tube where the assembly was mounted to simulate a closed off top. This will allow the pressure/vacuum switch to close once the stove is powered on. Disconnect the optical sensor at the molex connection from the wiring harness.
3. Loosen the phillips head screws holding the old optical sensor in place.

4. Pull the old optical sensor away from the feed system and out of the unit.
 5. Install the new optical sensor. Fasten with screws.
 6. Reconnect the sensor to the wiring harness.
 7. Close the wiring access panel.
-

Post-Installation Check

- Verify all connections are secure
 - Ensure all wiring is not in proximity of moving parts
 - Test motor operation before closing panels
 - Check for any unusual noises or vibrations
-

Support

If you encounter any issues during installation, consult your owner's manual or contact technical support via our [contact form](#).

- 1.