

QUADRA-FIRE OPTICAL SWITCH SENSOR ASSEMBLY SRV7034-038 INSTALL INSTRUCTIONS

How to install

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.