

THERMISTOR ESP PROBE 3-20-11744

INSTALL INSTRUCTIONS

Replaces MPNs: 3-20-11744, 1-00-00744, 3-20-0744

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
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Installation Steps

1. Unplug the stove.
2. Unscrew and remove the rear panel of the stove.
3. Unscrew and remove the tek screw holding the ESP probe to the exhaust port by using a 1/4" socket driver.
4. Gently pull out the ESP probe from the exhaust port.
5. Carefully disconnect the probe wires from the control board. Ensure that the new probe's wiring matches to the color of the original probe.
6. Connect the wires of the new ESP probe to the control board.
7. Carefully insert the new probe into the hole on the exhaust port. (See Maintenance for further details).
8. Fasten the ESP probe to the exhaust port with a 1/4" tek screw.
9. Reattach and fasten the rear stove panel back in place.
10. Plug in the stove.

Maintenance

You must be careful not to bend an ESP probe if removing it for maintenance purposes. Bending the sheath of the probe will usually ruin the sensor. Likewise,

when cleaning your stove, care should be taken to not bend the sensor when cleaning. Do not send brushes or vacuum tools through the stove blindly.

Before cleaning your stove for the first time, find the ESP probe and make sure that it is not going to be in the way when cleaning. If it is, remove it from its mount prior to performing work. If the probe has build-up on the sheath, you can remove the build-up with a soft pad with fine abrasive (like fine steel wool) until the metal of the probe is bare. Do not use an abrasive with hard bristles for cleaning.

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](#).