



D1/D2 Direct Vent Pilot Thermostat Replacement

Model #: D1-25-727

INSTALLER: Leave these instructions with consumer.
CONSUMER: Retain for future reference.



This pilot thermostat is for installation on a D1/D2 series direct vent by a **qualified professional service technician**.

TOOLS REQUIRED: Phillips screwdriver, wire cutters, 5/16" and 7/16" nut driver, 5/8" and 11/32" open-end wrench.

The technician should reference the main owner's manual (provided with the direct vent) to assist in the removal and replacement of parts involved in this procedure.

REMOVE DIRECT VENT INSERT

CAUTION: Ensure the appliance is OFF and completely cool prior to any servicing.

1. Remove the barrier screen and surround pieces.
2. Turn off the gas supply to the unit and disconnect the power supply cord.
3. If the temperature is at or below 60° during this procedure, remove the batteries from the remote receiver to prevent the automatic pilot thermostat feature from lighting the pilot.
4. Remove the hardware that is securing the unit to the fireplace floor. Then carefully slide the unit forward.

Note: The vent adapter will need to be removed.

5. Carefully remove the insert from the fireplace.

Important: Take caution to not shift any interior components (i.e. decorative media, panels) when removing the unit.

REMOVE EXISTING PILOT THERMOSTAT

1. Use the 5/16" nut driver to remove the three screws along the control box, then remove the box (see Fig. 1-1).
2. Locate the 2 screws found on the bottom of the control box (which secure the pilot thermostat in place). See Fig. 1-2.
3. Use the Phillips screwdriver and 11/32"open-endwrench to remove the 2 screws and nuts as shown in Fig. 1-3.

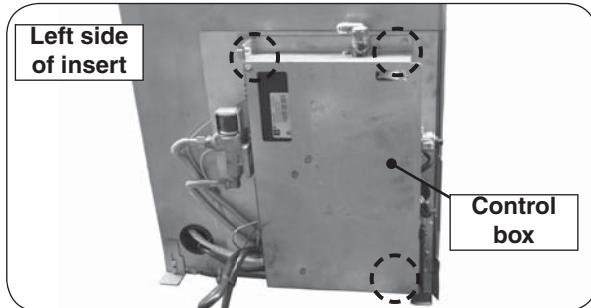


Fig. 1-1 Remove control box

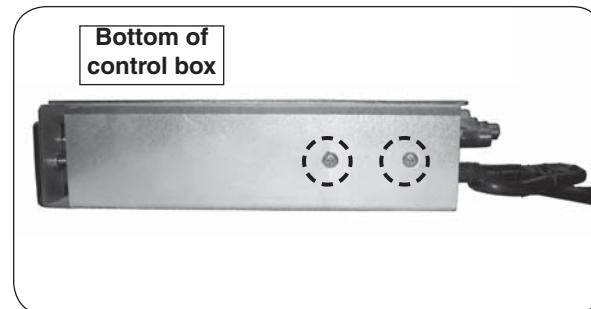


Fig. 1-2 Locate screws

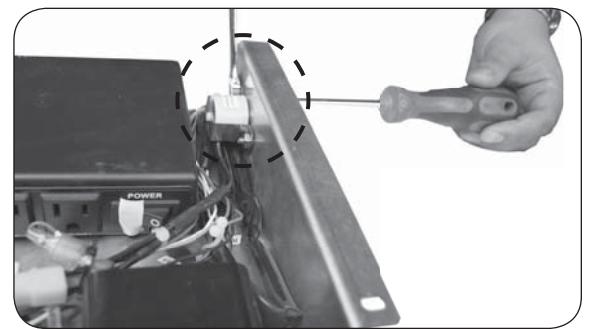


Fig. 1-3 Remove screws

4. Use the wire cutters to cut the zip tie that is holding the wires together (see Fig. 2-1).
5. Disconnect the two blue and white molex connectors (see Fig. 2-2):
 - blue and white connector coming from toggle switch
 - blue and white connector coming from main wire harness
6. Remove the pilot thermostat (see Fig. 2-3).
7. Connect the new pilot thermostat to the now exposed molex connectors.
8. Install the thermostat using the previously removed screws and nuts.
9. Reinstall the control box.

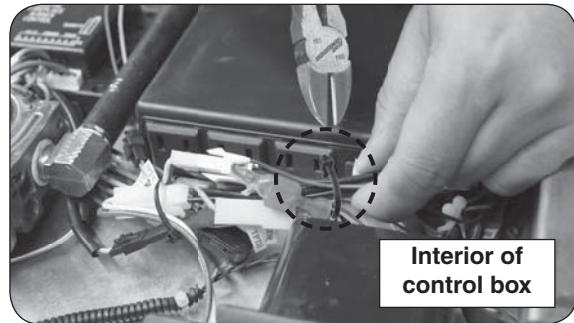
REINSTALL DIRECT VENT INSERT

Reference the main owner's manual provided with the direct vent for complete details on re-installing the unit.

1. Turn on the gas supply to the unit.
2. Carefully slide the unit back into position in the fireplace. Simultaneously slide the vent adapter into the top of the insert and refasten.

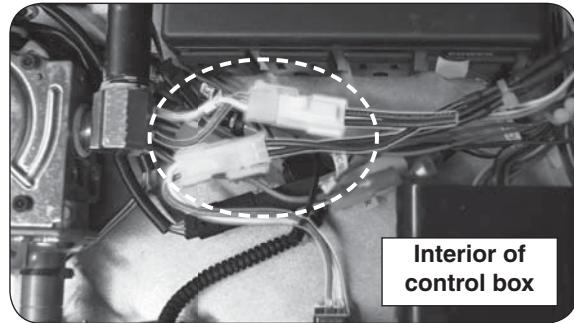
CAUTION: Ensure all interior components of the insert (i.e. decorative media, panels) remain in their proper position after re-installing the insert (due to movement). Refer to the main owner's manual to ensure proper placement and adjust if needed.

3. Reinstall the batteries to the remote receiver (if removed).
4. Light the appliance per the main owner's manual and verify proper ignition and operation.
5. Allow the unit to completely cool, then reconnect the power supply cord.
6. Re-secure the unit to the fireplace floor, then reinstall the surround and barrier screen.



Interior of control box

Fig. 2-1 Remove zip tie



Interior of control box

Fig. 2-2 Disconnect molex connectors

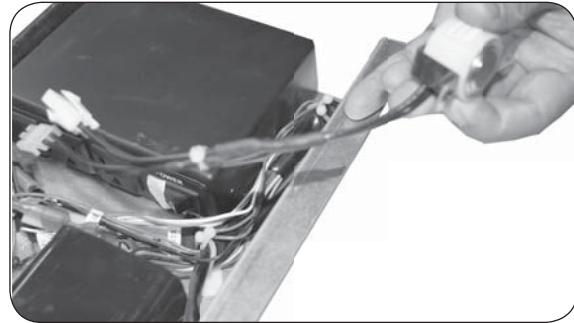


Fig. 2-3 Remove pilot thermostat