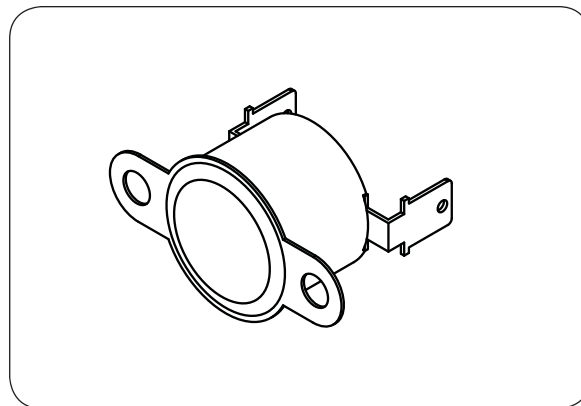


D1 Direct Vent (Millivolt Controls) Thermal Disc Sensor Replacement

Model #: TS-3

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



This thermal disc sensor is for installation on a D1 Series Direct Vent (Millivolt Controls) by a **qualified professional service technician**.

TOOLS REQUIRED: Phillips screwdriver, $5/16$ " and $7/16$ " nut driver.

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. Wear clean non-marking gloves.

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. 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.

4. 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 THERMAL DISC SENSOR

1. Remove the 8 securing hex screws and the rear panel (fan assembly attached) using a $5/16$ " nut driver or equivalent. See Fig. 1-1.
2. Slightly lift the panel up, then pull the panel and fan assembly out of the unit (see Fig. 1-2 and 1-3).

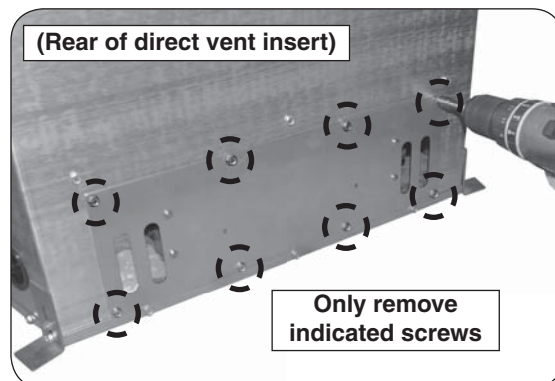


Fig. 1-1 Unfasten rear panel

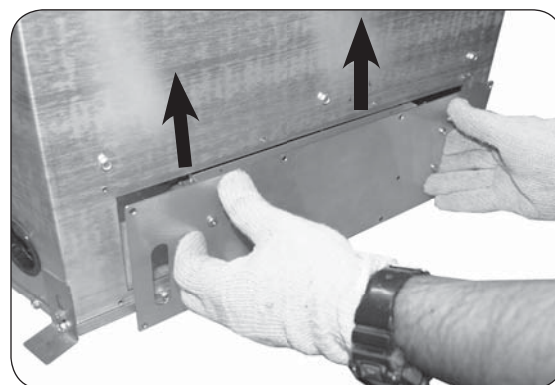


Fig. 1-2 Lift panel for removal

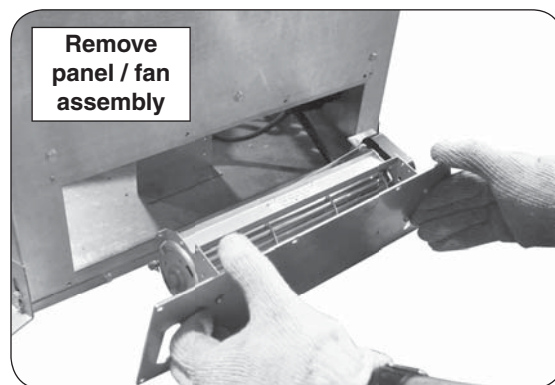


Fig. 1-3 Remove panel / fan assembly

Procedure continued on next page

3. Locate the existing thermal disc sensor that is attached to the rear wall of the burner housing assembly (see Fig. 2-1).
4. Using your hand, bend the two wire connector tabs inward to allow access to the two screws (if needed). See Fig. 2-2.
5. Disconnect the two wires from the wire connector tabs.
6. Using a Phillips screwdriver, remove the two screws and store in a safe place for later re-installation. Then remove the thermal disc sensor. See Fig. 2-3.

Procedure continued on next page

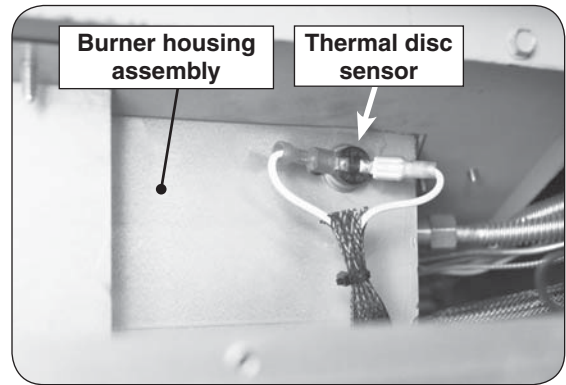


Fig. 2-1 Locate existing thermal disc sensor

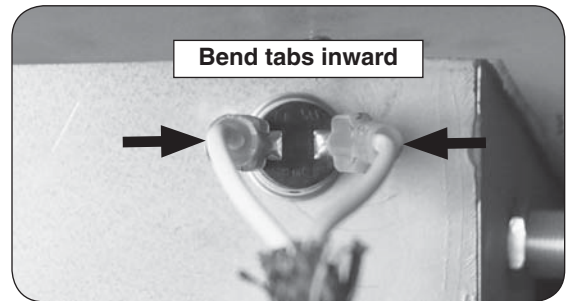


Fig. 2-2 Bend tabs inward (if needed)

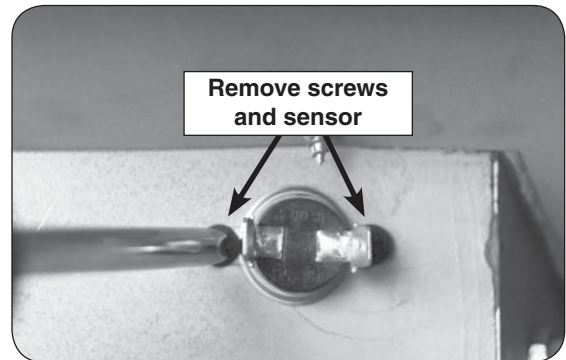


Fig. 2-3 Remove screws and sensor

INSTALL NEW THERMAL DISC SENSOR

1. Install the new thermal disc sensor using the existing screws and a Phillips screw driver (see Fig. 3-1).
2. Connect the two wires to the wire connector tabs. Using your hand, bend the tabs outward as shown in Fig. 3-2.
3. Re-install the panel / fan assembly by first dropping in the bottom of the panel, then lifting up into place (see Fig. 3-3). Use the screws to re-fasten the panel.

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. Light the appliance per the main owner's manual and verify proper ignition and operation.
4. Allow the unit to completely cool, then reconnect the power supply cord.
5. Re-secure the unit to the fireplace floor, then reinstall the surround and barrier screen.

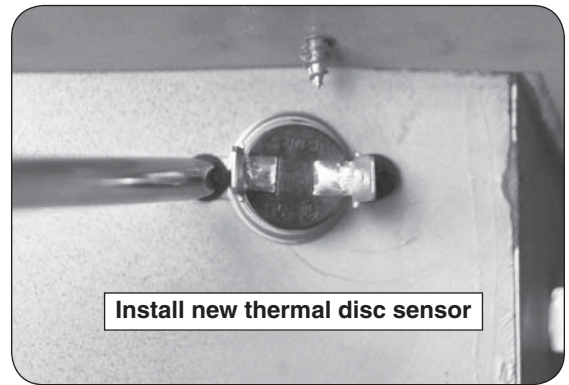


Fig. 3-1 Install new thermal disc sensor

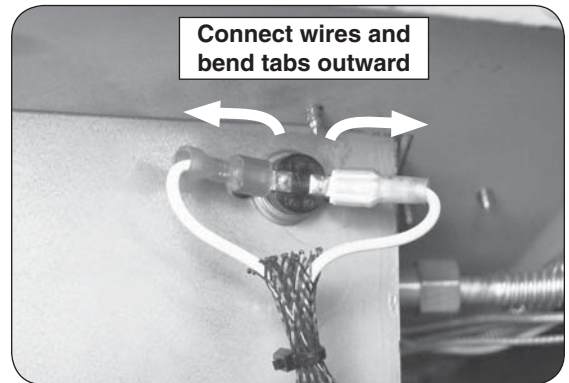


Fig. 3-2 Connect wires and bend tabs outward

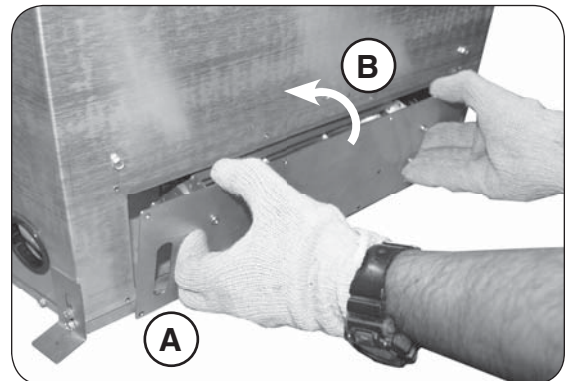


Fig. 3-3 Reinstall panel detail

Please use this page to record any information that you may want to have at hand.