

HEARTH & HOME technologies

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DBK INTERMITTENT PILOT WIRING KIT

1. Installation Instructions (except for CNXT - see page 2)

- a. Unplug the power source.
- b. Disconnect the wall switch wires (red & white) from the two brown wires attached to the green ignition control box.
- c. Disconnect the green main burner wire from the valve.
- d. Cut the 3/16" female end off the green main burner wire and strip.
- e. Install the 1/4" male connector (item 3, Figure 1) to the green main burner wire.
- f. Plug the green main burner wire into the red wall switch wire.
- g. Connect the male end of the jumper wire (item 1, Figure 1) to the white wall switch wire.
- h. Connect the female end of the jumper wire (item 1, Figure 1) to the valve where the green main burner wire was connected.
- i. Install the ON/OFF switch into item #4 switch bracket.
- j. Peel the adhesive off the hook and loop tape and position the switch and bracket on the bottom of the appliance.
- k. Connect the ON/OFF switch (item 2, Figure 1) to the two brown wires from the green ignition control box.
- l. Plug in the power source.
- m. Turn the ON/OFF switch to "ON" and your pilot should light.
- n. Use your main wall switch to control the main burner.
- o. Leave the ON/OFF switch "ON" to keep the pilot lit.

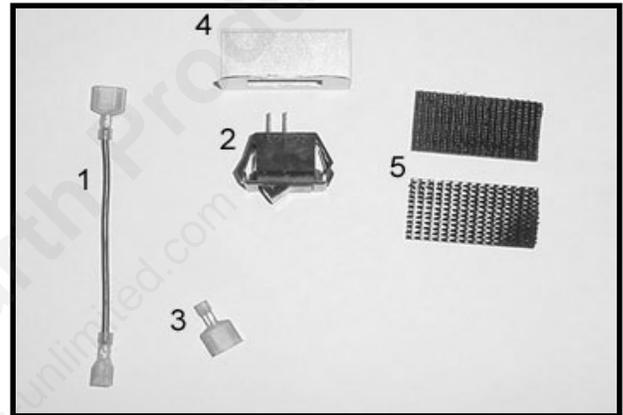


Figure 1 - Components

ITEM#	DESCRIPTION	QTY.
1	Jumper Wire	1
2	ON/OFF Switch	1
3	1/4" Male Connector	1
4	Switch Bracket	1
5	Hook & Loop Tape	1

➔ **Note:** An arrow (➔) found in the text and in the index signifies change in content.

Note: If the power to the appliance is interrupted, you may have to reset the ON/OFF switch by turning to "OFF", then back to "ON" to relight the pilot.

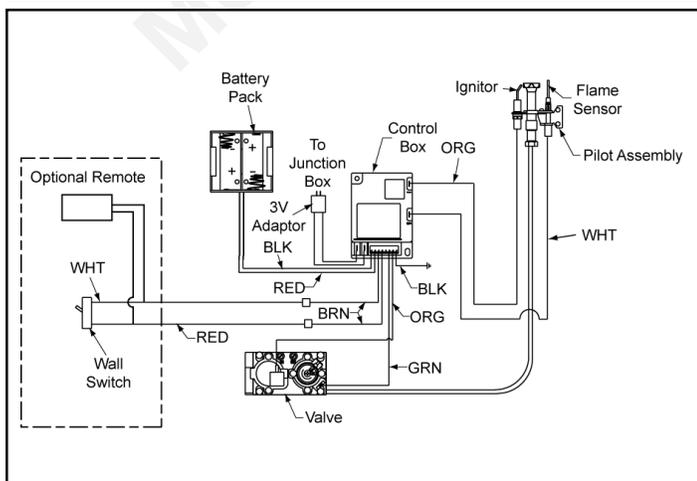


Figure 2 - Wiring Diagram - Before

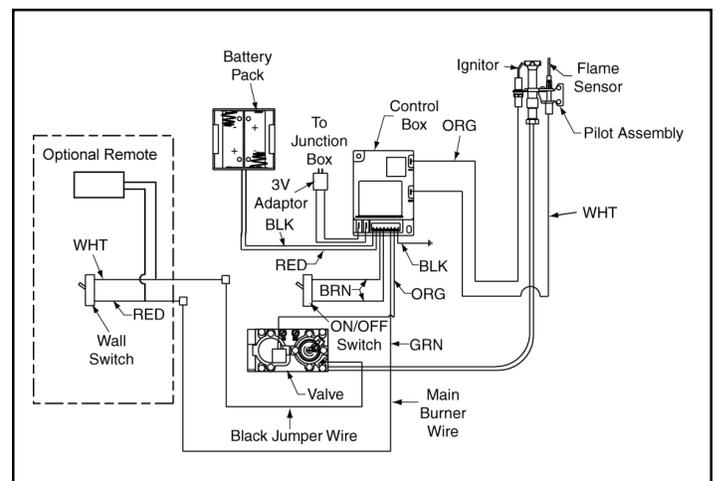


Figure 3 - Wiring Diagram - After

2. Installation Instructions for CNXT

- a. Shut off power to the appliance.
- b. Unscrew the dashboard and remove.
- c. Disconnect the two brown switch wires that come from the green ignition control box and go to either the dashboard switch or to the red and white wall switch wires.
- d. Disconnect the green main burner wire from the valve.
- e. Cut the 3/16" female end off the green main burner wire and strip 1/4" of insulation off the wire.
- f. Crimp the 1/4" male connector (item 3, Figure 1) to the green main burner wire.
- g. Plug the green main burner wire into the red wall switch wire.

- h. Connect the male end of the jumper wire (item 1, Figure 1) to the white wall switch wire.
- i. Connect the 3/16" female end of the jumper wire to the valve where the green main burner wire was connected.
- j. Connect the two brown switch wires from the green ignition control box to the switch on the dashboard.
- k. Put the dashboard back in place and reattach with the screws removed in step b.
- l. Reconnect the power source.
- m. Turn the dashboard switch (now the pilot switch) on and the pilot should light.
- n. Use the wall switch to turn the burners on and off.
- o. Leave the pilot switch on to keep the pilot lit.

Note: If the power to the appliance is interrupted, the pilot switch will have to be reset by turning to "OFF" then back to "ON" to relight the pilot.

Note: Depending how the CNXT was originally wired, there could be various ways to wire the pilot bypass kit. These installs and this kit cover the most common wiring options.

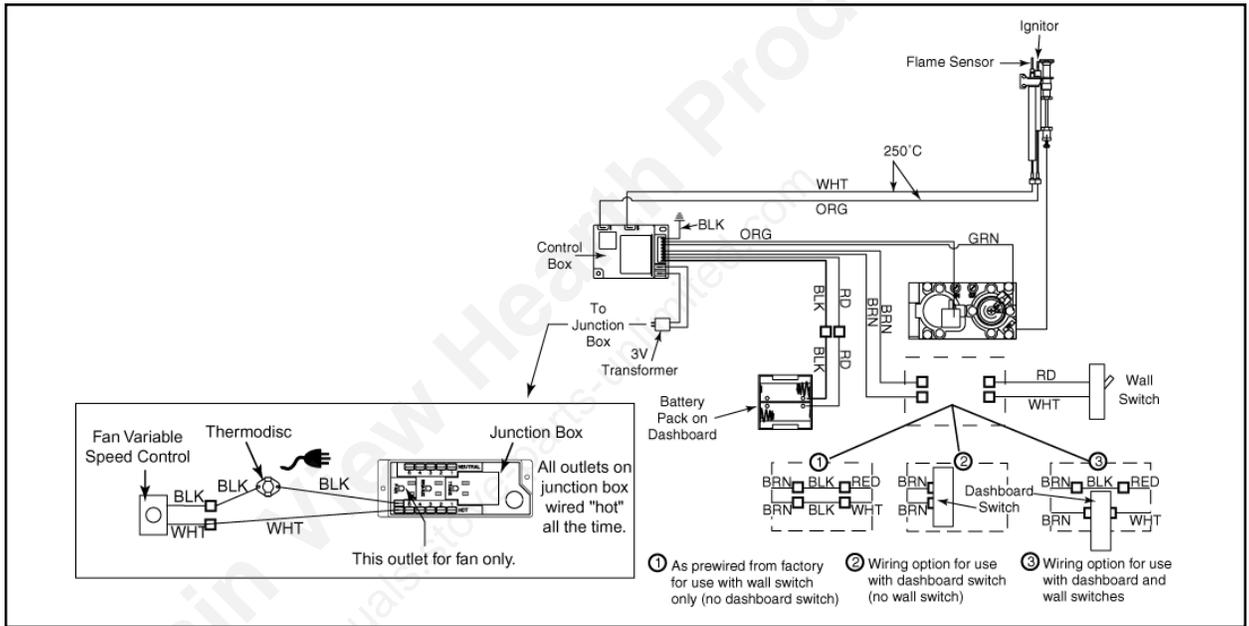


Figure 4 - Intermittent Pilot Ignition Wiring Diagram - Before

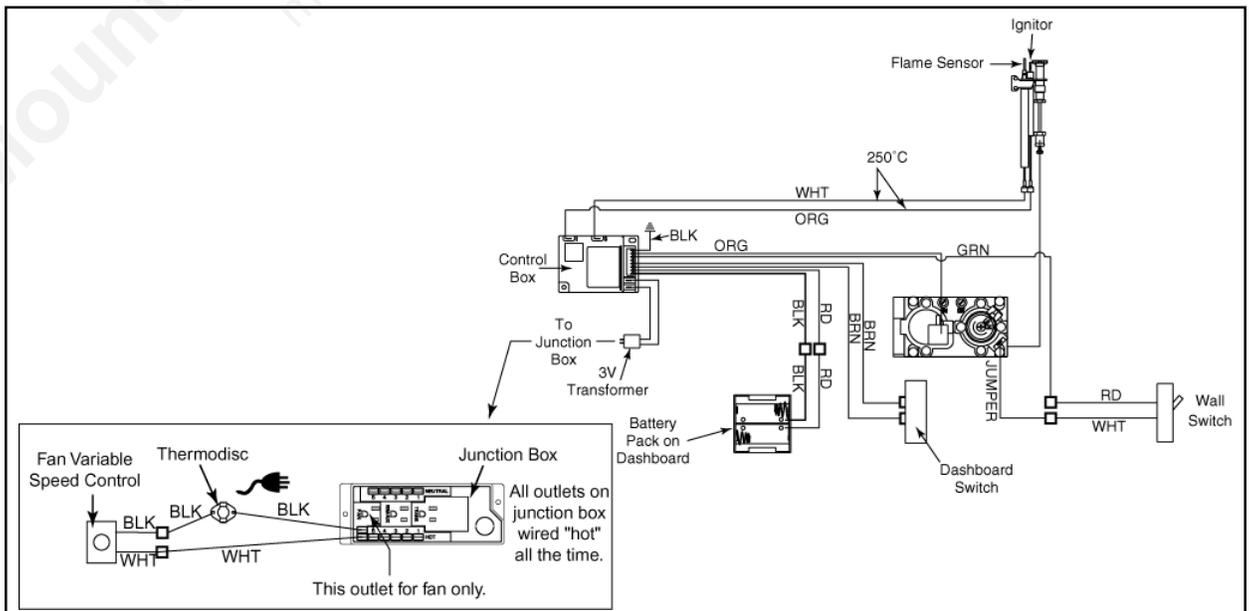


Figure 4 - Intermittent Pilot Ignition Wiring Diagram - After