

Models:
ELEC-CARODG
Electric Kit



This electric kit has been tested for use with the Carolina Outdoor Gas Fireplace. Check with your local building code agency before you begin installation to ensure compliance with local codes, including the need for permits and follow-up inspections. If you encounter any problems regarding code approvals, or if you need clarification of any of the instructions contained here, contact your Hearth & Home Technologies Inc. dealer. For the dealer nearest you, please visit www.hearthnhome.com

CAUTION! Risk of Cuts, Abrasions or Flying Debris. Wear protective gloves and safety glasses during installation. Sheet metal edges are sharp.

Optional Electric Kit

- Remove four screws to remove cover from the control box.



Figure 1. Remove Control Cover

- Remove the junction box bracket by prying loose with a screwdriver. Remove the two screws shown in Figure 2. Cut out and remove insulation from behind junction box bracket, Figure 3.

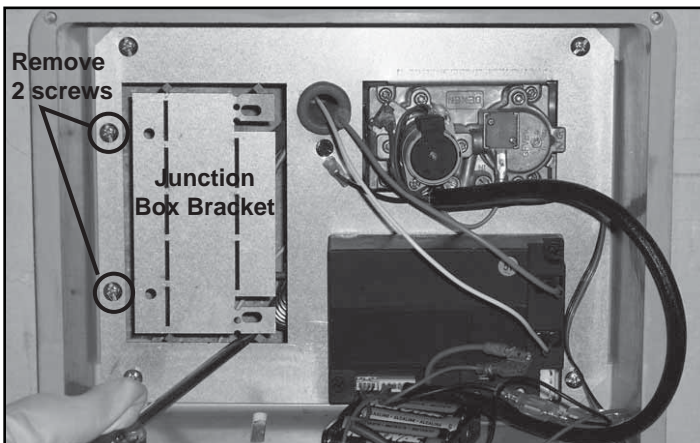


Figure 2. Remove Junction Box Bracket & Two Screws

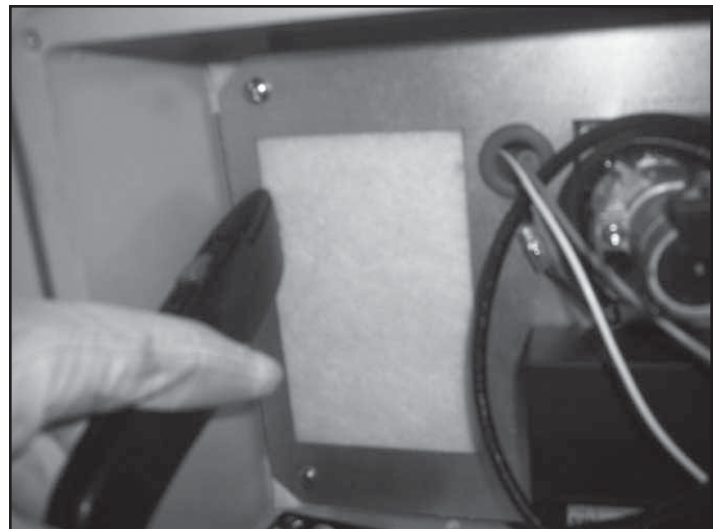


Figure 3. Cut and Remove Insulation

- Make hand bends to bracket as shown below:

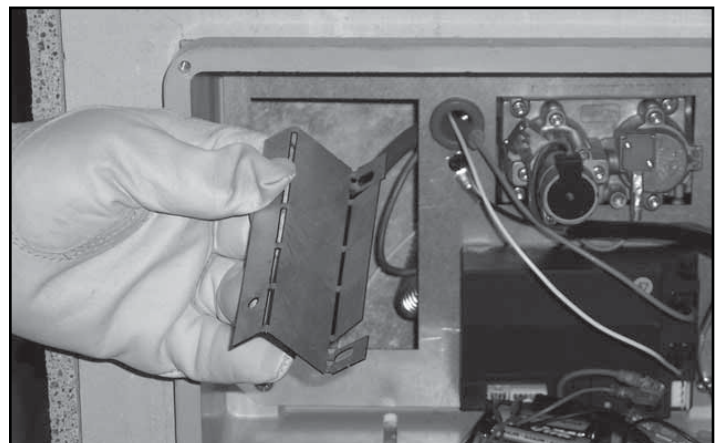


Figure 4. Hand-bend Bracket

- Fasten bracket to junction box with two screws (provided with junction box).

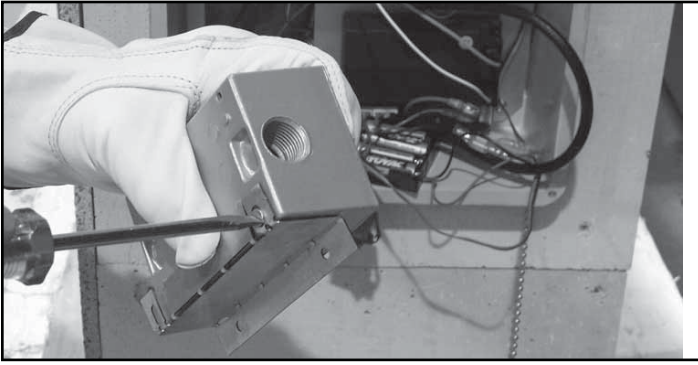


Figure 5. Fasten Bracket to Junction Box

- Thread wire into junction box.
- Place junction box into the control box, matching holes as shown, and fasten with the two screws removed in Figure 2.

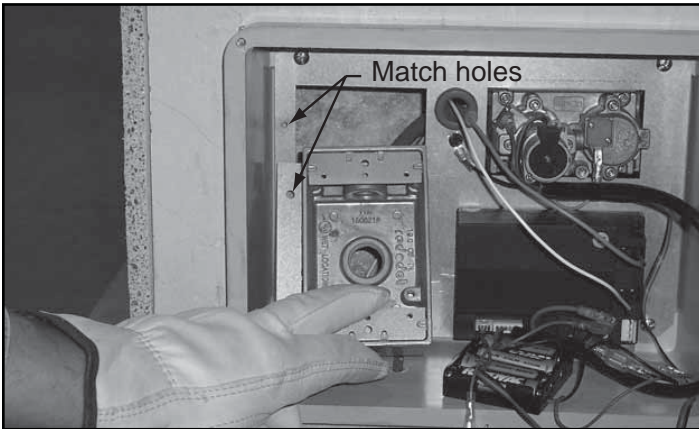


Figure 6. Place & Fasten Junction Box

- Wire the GFI receptacle as shown below:

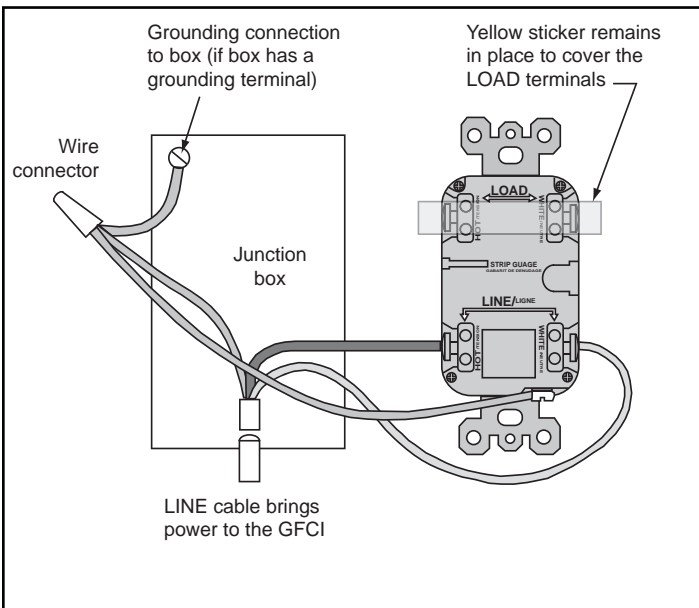


Figure 7. Wire the GFI Receptacle

- Assemble the junction box. Figure 8 represents a typical GFI box configuration. Actual parts may differ in appearance.

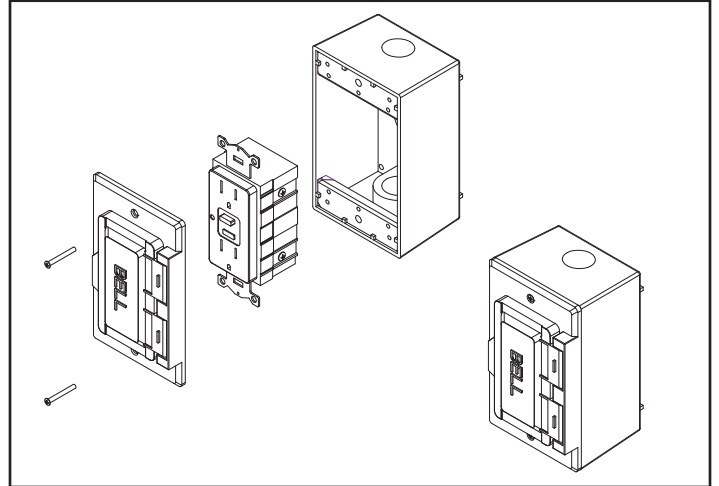


Figure 8. Assemble Junction Box

- Disconnect the black battery holder wire from the black wire of the wiring harness from the module.
- Disconnect the red jumper wire from the red battery holder wire and the brown switch wire. Discard red jumper wire.
- Install the provided “Y-Shaped” jumper wire as shown in Figure 10. The single end connects to the brown wire from the control module. The two black wires connect to the switch and the red wire of the power supply.
- Connect the red wire of the power supply transition included with the electric kit to the “Y-Shaped” jumper wire connected to the switch.
- Connect the black wire of the power supply transition included with the electric kit to the black wire from the control module.
- Plug the power supply wire into the power supply transition. See Figure 10.
- If installing optional remote control, disconnect the brown module wire. See Figure 10. Follow the instructions included with the remote control.
- Replace the cover on the control box. See Figure 9.



Figure 9. Replace Control Cover

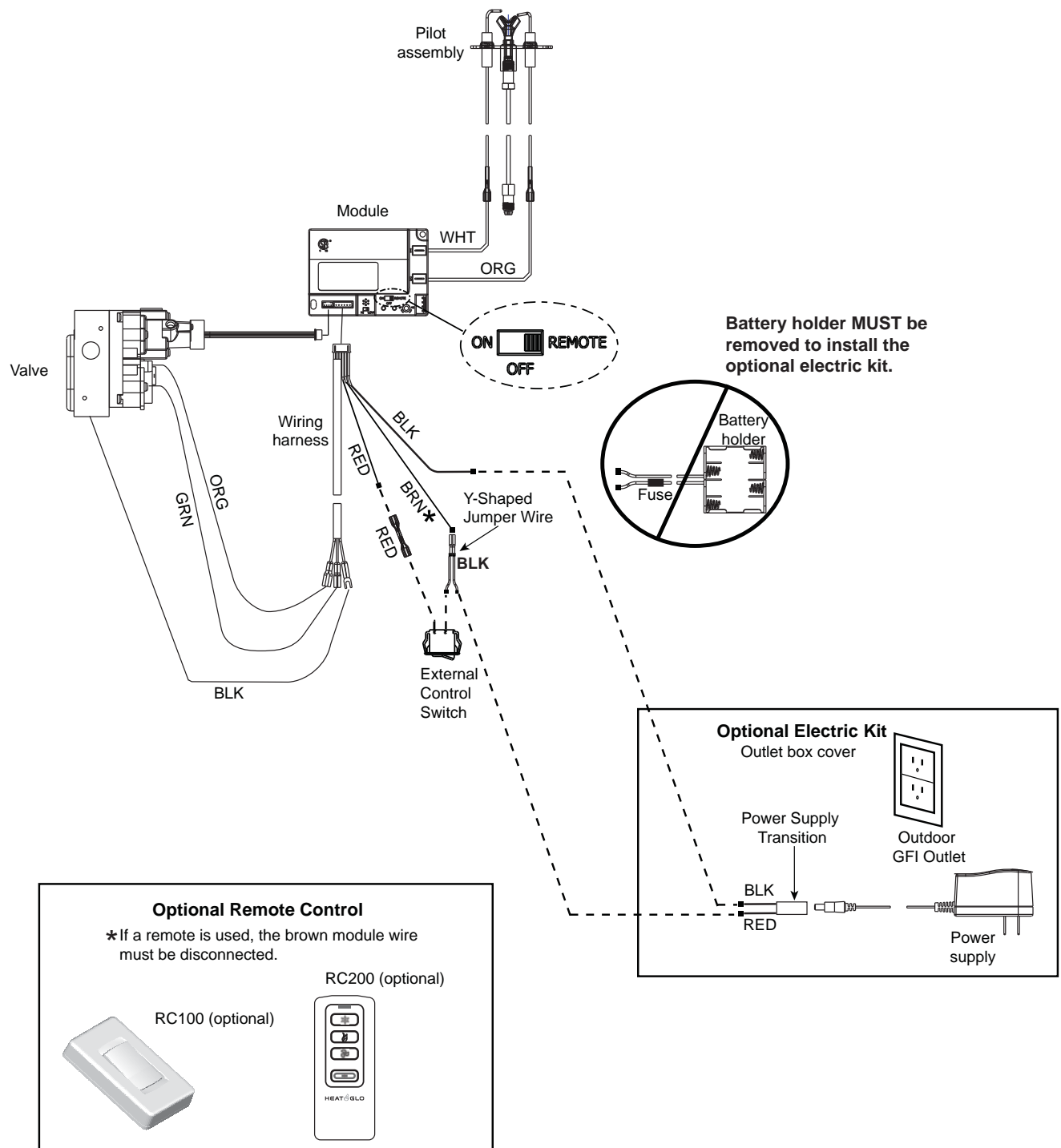


Figure 10. Intermittent Pilot Ignition (IPI) Wiring Diagram with Optional Remote Control