

Models:
ELEC-DAKOTA
Electric Kit



This electric kit has been tested for use with the Dakota 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 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

- Find a location to mount the control box within 30-32 inches of the appliance.

WARNING! Risk of Shock! Disconnect electrical power to appliance before installing ELEC-DAKOTA kit.

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



Figure 1. Remove Control Cover

- Remove the junction box bracket.

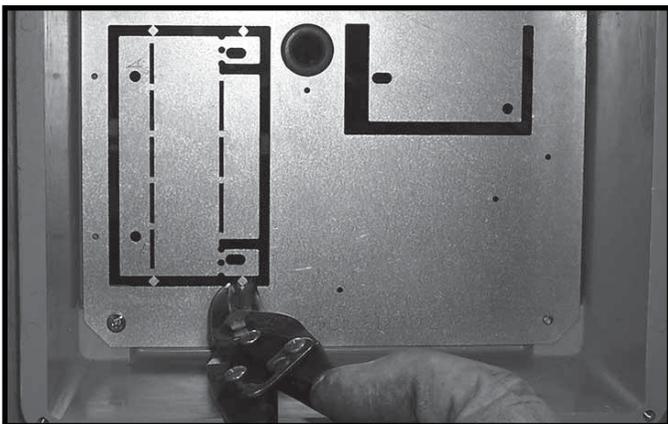


Figure 2. Remove Junction Box Bracket

- Make hand bends to bracket as shown below:

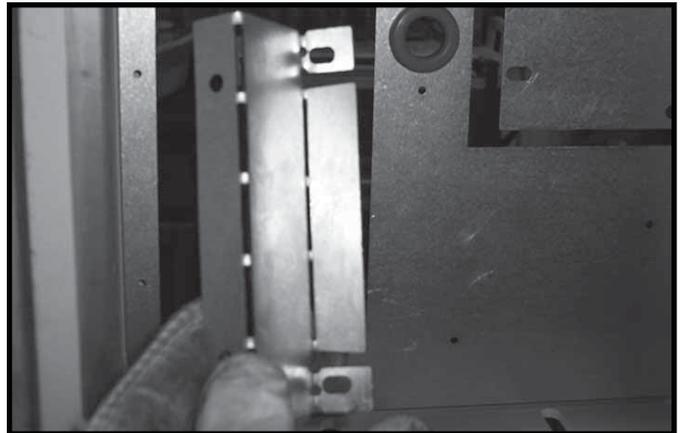


Figure 3. Hand-bend Bracket

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

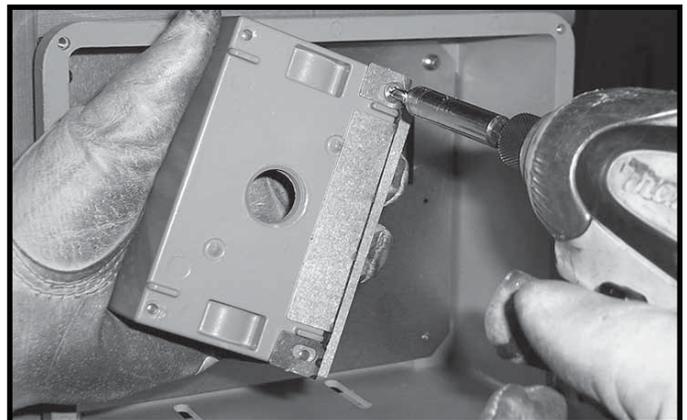


Figure 4. Fasten Bracket to Junction Box

- Thread wire into junction box.
- Place junction box into the control box (matching holes) and fasten with the two screws provided in fastener pack.

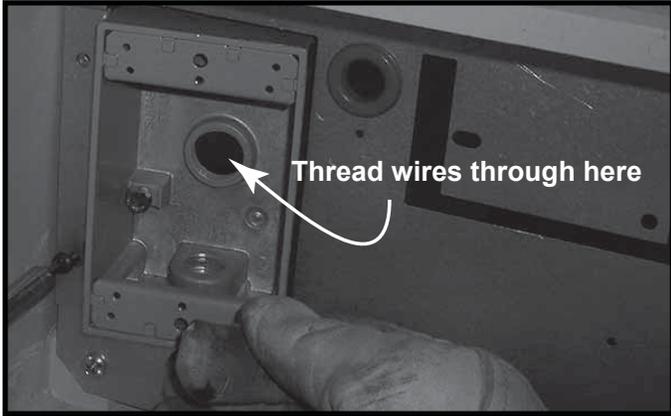


Figure 5. Place & Fasten Junction Box

- Wire the GFCI receptacle as shown below:

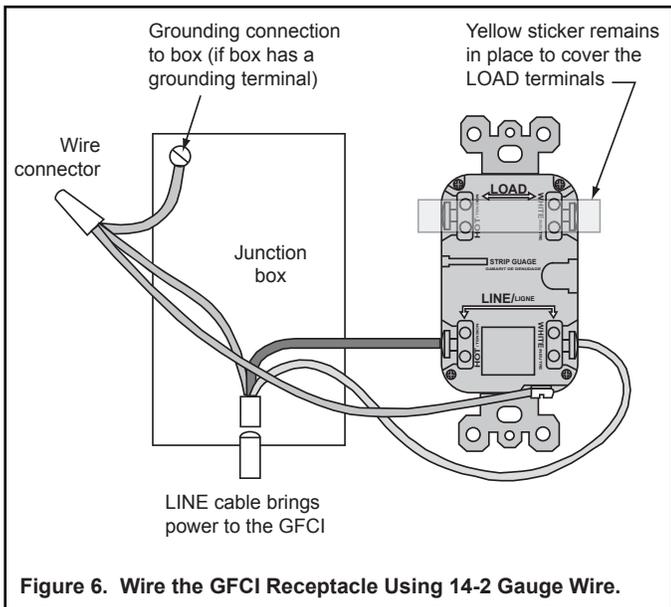


Figure 6. Wire the GFCI Receptacle Using 14-2 Gauge Wire.

- Assemble the junction box.

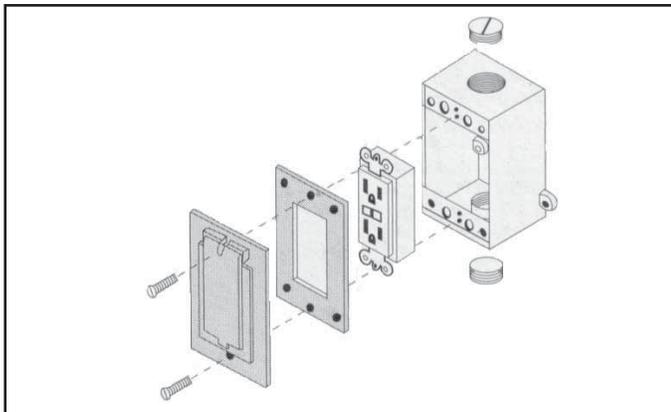


Figure 7. Assemble Junction Box

- Replace the cover on the control box.
- The control module can be accessed through the valve access panel on the right side of the fireplace.
- Lift doors out and set aside.
- Remove grate and pilot shield.

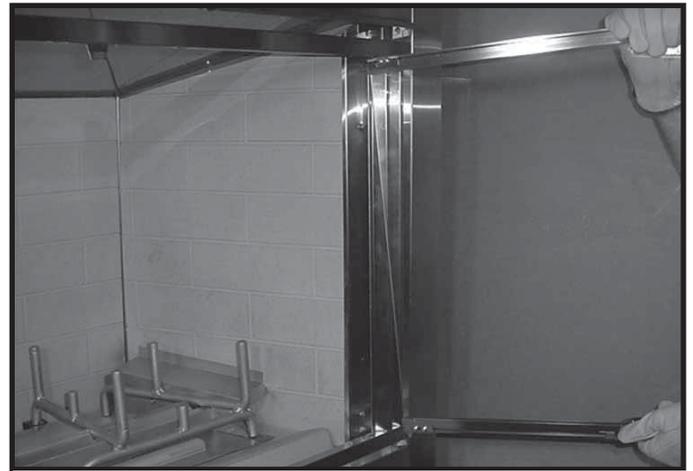


Figure 8. Lift Out Doors

- Use a Phillips screwdriver to remove the right refractory by removing the two screws securing the refractory retaining strip. Remove the refractory side panel and set aside.



Figure 9. Loosen Refractory Retaining Strip

- Remove the inside valve access panel by lifting it up and out.



Figure 10. Remove Valve Access Panel

- Using a phillips screwdriver remove the exterior valve access panel.

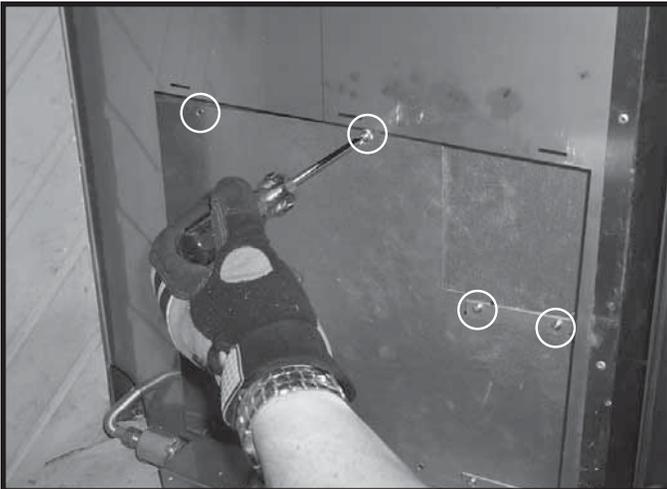


Figure 11. Remove Exterior Valve Access Panel

- Unplug wire harness and pilot wires.
- Remove the control module by loosening the two screws using a Phillips screwdriver. Replace with the control module provided in the electric kit. Discard used control module.
- Plug wire harness and pilot wires into the new control module.

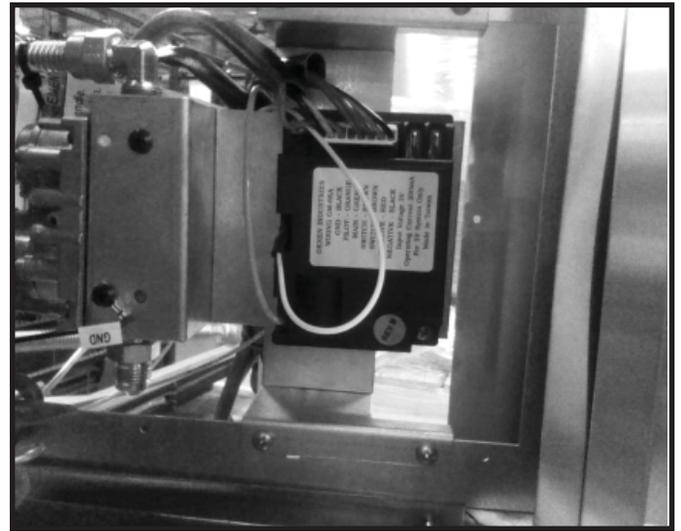


Figure 12. Replace Control Module

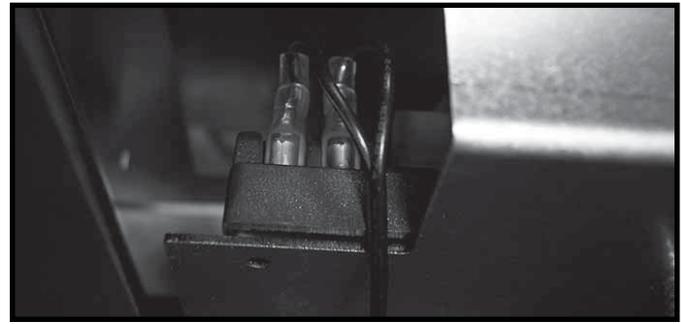


Figure 13. Plug Transformer into Control Module

- Plug SW1 wires to switch.
Note: Red (+) and black (-) do not have to be attached, or can be attached to battery holder for optional battery backup. *Install batteries only when needed.*

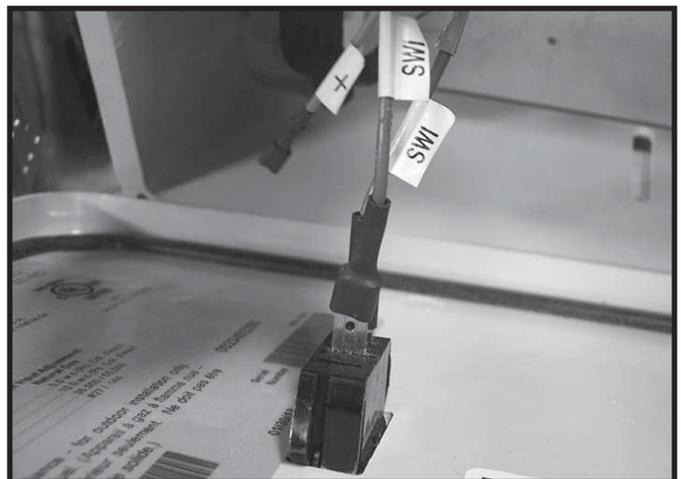


Figure 14. Plug in SW1 Switch Wires

- Plug transformer into GFCI outlet.
- Replace the cover on the control box.