THE OUTDOOR GREATROOM COMPANY

The Cove Fire Pit

Installation Instructions for Round Cove Fire Pits

IMPORTANT

Please consult your Crystal Fire instruction manual for detailed instructions and important information related to the burner installation including: lighting and operating instructions, safety information, and proper tightening of connections with two wrenches.

DO NOT ATTEMPT TO INSTALL CRYSTAL FIRE BURNER WITHOUT FIRST CONSULTING THE CRYSTAL FIRE OWNER'S MANUAL.

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Required Tools

- **Two people are required for this installation.**

- 2 Open Ended Wrenches

  To secure gas connections.

- Leather Gloves

  To protect hands from rough edges found on fire pit during installation.

- One AAA Battery (not included)

  Required for electric spark igniter installation.

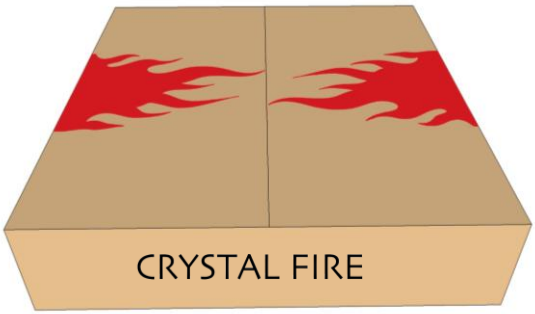
- Utility Knife

  To cut and remove packaging.

- Power Drill

  To remove support board from crate.

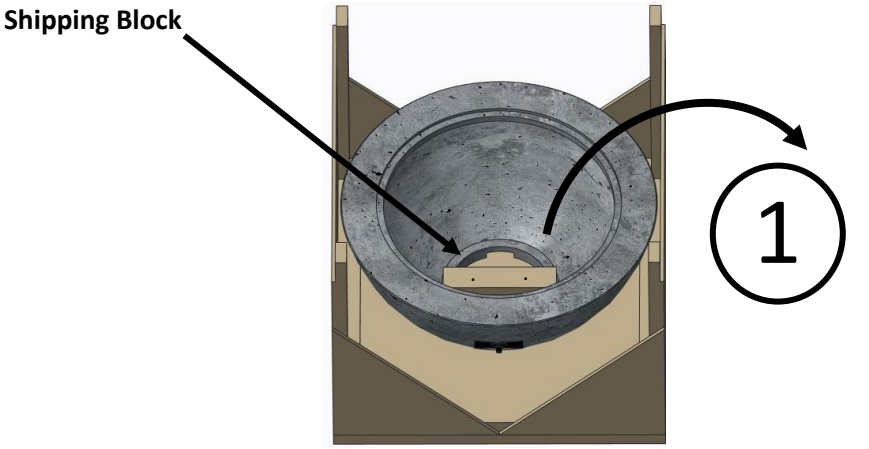
Included with your Fire Pit

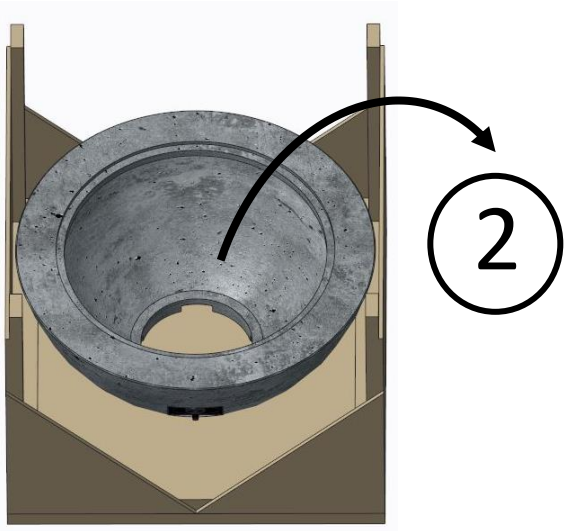


Crystal Fire® Plus (CFP) Burner Kit

Assembly Instructions

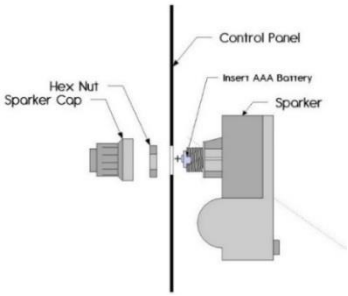
1. First, unscrew the shipping block with a power drill. Discard board. It will not be needed for further assembly of this product.
2. Remove fire pit base from the crate you received it in. Place the base in your desired location. Two people are recommended for this step of the installation.

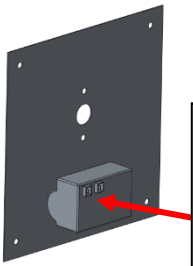




CF-SPARKER Installation

- Locate CF-SPARKER inside of crystal fire burner box.
- Remove CF-SPARKER cap and hex nut. Insert AAA battery (not included) with + end out.
- Install CF-SPARKER into control panel as shown below.
- Depress CF-SPARKER button to test your sparker.



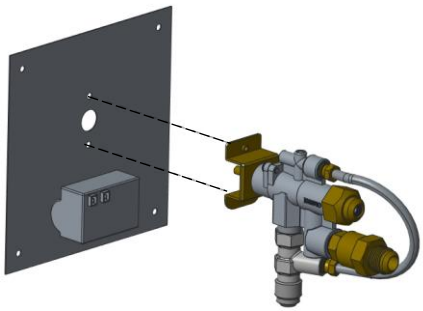


Locate and orient sparker box on control panel as shown. Sparker box must be installed **before** burner valve.

Gas Connections

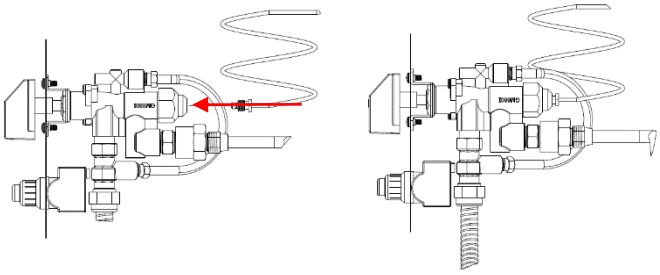
Read and understand your Crystal Fire® Plus Burner Owner's manual before beginning burner hookups or using the device.
Do not use Teflon tape or pipe dope on flare fittings.

- **See Crystal Fire® Plus instructions for burner installation.**
  - All gas connections were completed at the factory.
- Check all connections for leaks. If needed, tighten connection with 2 wrenches and re-check for leaks.
- Attach burner valve to control panel with provided screws as shown below. Ensure sparker box is installed before this step.



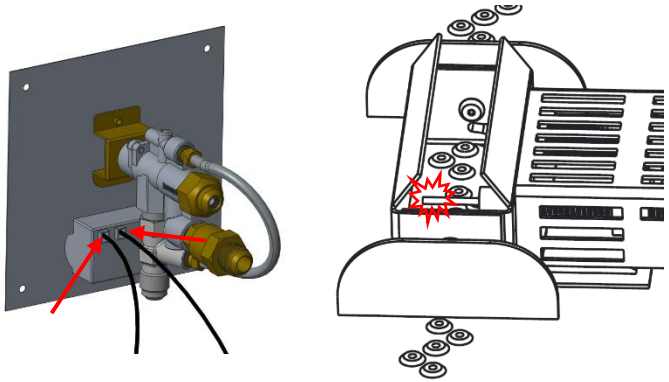
Thermocouple Installation

- **Refer to Crystal Fire® Plus instruction manual for detailed attachment of thermocouple.**
- Attach thermocouple to burner valve as shown below.



Electrode Installation

- Plug both **BLACK** wires hanging from the burner into the back of the CF-SPARKER. If an orange wire is present, do not use it. The orange wire is for Direct Spark Ignition system only.
- Test system by pushing the button on the igniter. Consult the troubleshooting section of the Crystal Fire® Plus Burner Owner's Manual, if the spark is weak, intermittent, or not present.



Glass Installation

1. Scatter all the included glass beads evenly onto burner surface.

DO NOT OPERATE CRYSTAL FIRE® PLUS BURNER WITHOUT INCLUDED GLASS BEADS OR OTHER APPROVED FIRE MEDIA
DO NOT OPERATE CRYSTAL FIRE® PLUS BURNER WITH BURNER COVER IN PLACE

CV-30-E Installation

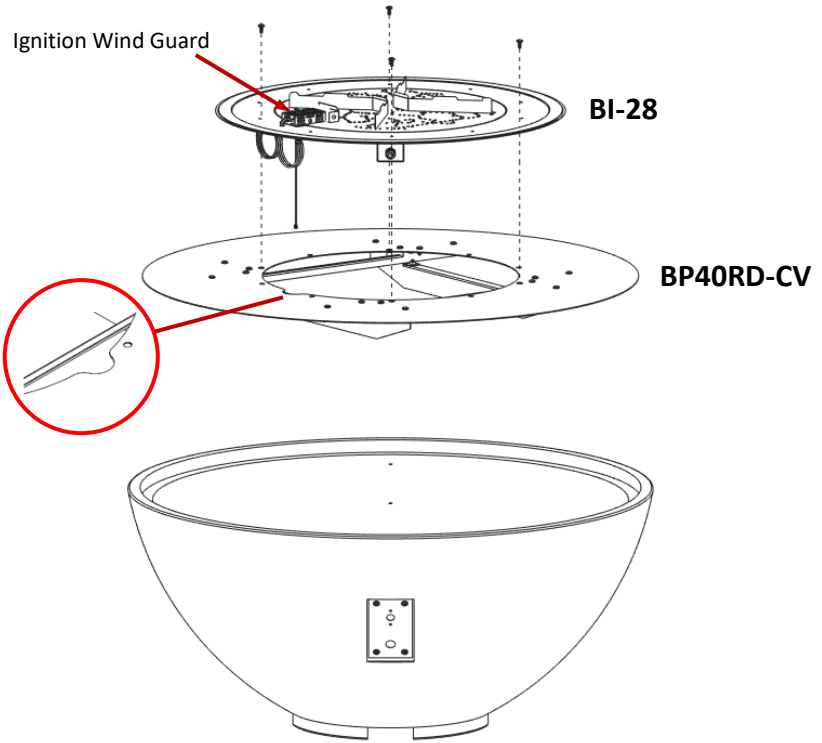
• Place burner plate into Cove base.

• Remove the 4 ¼-20 stainless steel screws installed in rivnuts.

• Make gas connections.

• Ignition wind guard should be oriented towards cutout in burner plate. *As shown in detailed view.*

• Replace the 4 ¼-20 stainless steel screws back through the burner and tighten into rivnuts.



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WARNING

After consulting the manual and following instructions, remember; before operating, all gas connections must be fully checked for leaks

WARNING: This product can expose you to chemicals including Carbon Monoxide and Benzene which are known to the State of California to cause cancer or birth defects or reproductive harm. For more information, visit www.P65Warnings.ca.gov

Warranty: Fire pit tables are covered under a 1- year manufacturer's warranty. Please visit https://www.outdoorrooms.com/product-registration to register your product.

Thank you for purchasing an Outdoor GreatRoom Company product! This fire pit was made with pride in the USA.

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