

AMERICAN FIREGLASS

Fire Pit Pan Spark Ignition Kit Assembly Instructions

American Fireglass Fire Pit Spark Ignition Flat Pan Kits offer time saving cost effective solutions of internal components for natural gas and propane outdoor fire pits. These Flat Pan Kits are available in square and round shapes of various sizes to accommodate different outdoor fire pit dimensions.

Kit Includes

1. Stainless Steel Flat Pan (Square or Round)
2. Stainless Steel Fire Pit Ring
3. Fire Pit Connection Kit w/ Key Valve
4. Push-Button Igniter Kit
5. Propane Air Mixer (Propane Kits only)
6. Stainless Steel Control Plate (Optional)



***** IMPORTANT! *****

**Be sure to use gas thread seal for ALL non-tapered connections.
Be sure to tighten ALL connections securely.**

The Flan Pan Assembly can be installed in various configurations, as determined by the installer. In some instances, the flat pan is installed using hard pipe, and is supported by “filler” aggregate underneath the flat pan. Some install the flat pan in a “sandwiched” method or on top of a “step” as part of the fire pit structure.

American Fireglass always recommends the components be installed by a licensed professional, and in accordance with Federal, State, and local regulations such as ANSI Z21.97-2012 and CSA 2.41-2012.

American Fireglass Stainless Steel Burners include a 5 year Limited Warranty.
American Fireglass Electronic Components include a 1 year Limited Warranty.

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Fire Pit Pan Spark Ignition Kit Assembly Instructions (Cont.)

Assembly Instructions

1. Install Fire Pit Ring plug into the top of the fire pit ring. Gas exit holes can be facing up or down.

Tip! Some prefer holes up for propane and holes down for natural gas.

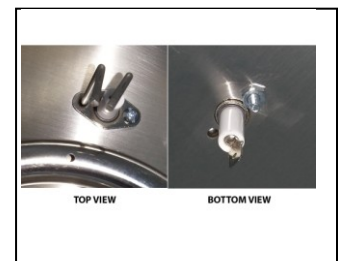


2. Screw fire pit ring onto the Flat Pan.



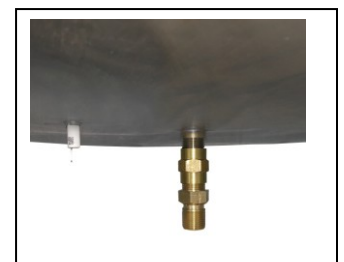
3. Insert the Spark Igniter Probe into the Flat Pan, and secure with the provided screw and nut.

Tip! Align one of the burner holes directly underneath the spark igniter probe if possible.



4. Attach the Air Mixer Assembly to the 1/2" male threads on the bottom of the pan. Be sure the stamped arrow on the Propane Air Mixer is pointing toward the fire pit ring. The arrow indicates the direction of gas flow.

NOTE: For Natural Gas installations, the Propane Air Mixer is not utilized. The Natural Gas configuration also does not use a propane regulator.



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5. Attach the Gas Hose from the exit side of the Key Valve to the bottom of the Propane Air Mixer. The Gas Hose uses a 3/8" flared male to 1/2" Female adapter (included) for connecting to the Flat Pan.

NOTE: The Key Valve has an arrow stamped on it to show the gas flow direction. The "exit" side is where the arrow is pointing toward.



6. Attach the Igniter Spark Probe Wire to the bottom of the Igniter Spark Probe.



7. Attach the Igniter Spark Probe Wire and the Igniter Ground Wire to the back of the Push Button Assy. Either wire can be placed on either pin.

Connect the eyelet end of the ground wire to a clean metal ground surface.

NOTE: The location and mounting of the control plate is to be determined by the installer.



8. Unscrew the Push Button rubber cap and be sure that the AAA battery is installed with the "-" side facing the rubber button. Re-attach the Push Button rubber cap by gently turning it clockwise until snug.
9. Install Fireglass on top of the Flat Pan/Fire Pit Ring. A fireglass depth of up to 2" is recommended.

NOTE: Do Not Light without fireglass installed for more than approximately 30 seconds to avoid excessive heat to the fire pit ring/flat pan. When fireglass is installed the flame burns above the fireglass, not directly on the stainless steel components.

Questions, comments, or suggestions?

Please call American Fireglass Customer Service Department

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General Overview



— **Fireglass**
(Up to 2" depth for propane)



— **Burner Assy.**



— **Propane Air Mixer**
(Arrow pointing toward burner;
not used for Natural Gas)



— **Exit Gas Hose**
(To Air Mixer if Propane)

— **Gas Key Valve**
(Arrow point in direction of gas flow)

— **Entry Gas Hose**
(From gas source to Key Valve)