

## Drop-In Pan Spark Ignition Kits Use and Care Instructions

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


### Kit Includes:

1. Stainless Steel Drop-in Pan (Square, Rectangular, 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)

### Optional Component:

1. Ignitor/Key Valve Mounting Plate (See Figure 6) Page 3



 **WARNING:** This product can expose you to chemicals including (Lead and Lead Compounds, Lead Acetate, Lead, Phosphate, Lead Subacetate, Nickel, Antimony, Chromium, and Cobalt), which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## IMPORTANT

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

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

American Fire Glass™ 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, latest editions.

### Assembly Instructions:

\* Use Teflon tape or sealing compound on all pipe threads (only). Do not use on flare fittings.

**STEP 1** - Install Fire Pit Ring plug into the top of the fire pit ring. Gas exit holes can be facing up or down. (FIGURE 1) Do not over tighten.

**Tip!** We recommend gas outlet holes up for propane. Gas outlet holes are acceptable up or down for natural gas.



FIGURE 1



FIGURE 2

**STEP 2** - Screw fire pit ring onto the Drop-in Pan. (FIGURE 2) Do not over tighten.

**STEP 3** - Insert the Spark Igniter Probe assembly and mounting plate into the Drop-in Pan, and secure with the provided screw and nut. (FIGURE 3)



FIGURE 3

**Tip!** For best results, fill pan with burner media before ignition.

**STEP 4** - \*\*For LP installation only - Attach the Air Mixer Assembly to the ½” 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. (FIGURE 4)



FIGURE 4

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

**STEP 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 Drop-in Pan. **(FIGURE 5)**

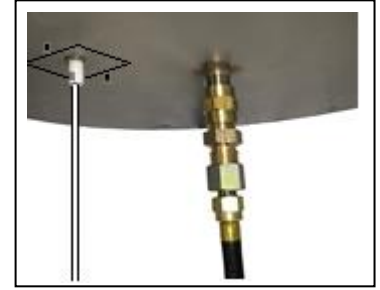


FIGURE 5

**STEP 6** - 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 key valve and push button assembly is to be determined by the installer.

\* See Figure 6 for optional Ignitor/Key Valve mounting plate.



FIGURE 6

**STEP 7** - Unscrew the Push Button rubber cap and be sure that the AA battery is installed with the "-" side facing the rubber button. Re-attach the Push Button rubber cap by gently turning it clockwise until snug.

**STEP 8** - Install Fire glass on top of the Drop-in Pan/Fire Pit Ring. A fire glass depth of 2" is recommended.

**NOTE:** To avoid excessive heat to the fire pit ring/Drop-in pan, do not Light without fire glass installed for more than 30 seconds. When fire glass is installed the flame burns above the fire glass, not directly on the stainless-steel components.

### Questions, comments, or suggestions?

Please call American Fire Glass™ Customer Service Department  
Phone: 888.264.1017 Fax: 888.679.3149 Email: [info@americanfireglass.com](mailto:info@americanfireglass.com)

## General Overview



— **Fireglass**  
**(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)**

## **LIMITED LIFETIME CONSUMER PRODUCT WARRANTY**

The following warranty has been drafted to comply with the MAGNUSON-MOS-WARRANTY ACT applicable to products manufactured after July 4, 1975. It replaces and supersedes any warranty in this package or in any printed literature.

### **LIMITED WARRANTY**

AMERICAN FIRE GLASS™, 570 THIRD STREET, LAKE ELSINORE, CA U.S.A., warrants all American Fire Glass products and accessories against defects in materials and workmanship, and suitable for a particular purpose, for a period of:

1. TEMPERED GLASS – All glass is guaranteed against burnout in the original installation for the lifetime of the initial purchaser.
2. BURNERS/PANS – 5 years from date of purchase.
3. FITTINGS – 5 years from date of purchase.
4. IGNITION SYSTEM and PARTS – 1 year from date of purchase.
5. LITE STONES – 2 years from date of purchase.

**THIS WARRANTY IS FOR THE BENEFIT OF THE ORIGINAL PURCHASER.**

### **WARRANTY ADJUSTMENT:**

1. AMERICAN FIRE GLASS™ agrees to repair or furnish a replacement for, but not remove or install any product or component, which proves defective, within the above warranty and appropriate time periods stated
2. BUYER shall notify AMERICAN FIRE GLASS™ of any defect within this warranty no later the thirty (30) days after a defect is discovered.
3. No product will be accepted for return or replacement without authorization by AMERICAN FIRE GLASS™. Before returning merchandise, contact AMERICAN FIRE GLASS™ giving full details of the complaint, a copy of sales receipt, invoice or other evidence of purchase date, and an image of the item installed. Merchandise returned without proof of purchase date will be serviced out of warranty at our prevailing service and part rates. If merchandise was damaged in transit, file claim immediately with the carrier, and contact AMERICAN FIRE GLASS™. Product returned must be addressed as follows:

AMERICAN FIRE GLASS™

570 THIRD STREET

LAKE ELSINORE, CA 92530

Shipping charges must be pre-paid by buyer.

**REPAIR OR REPLACEMENT UNDER THIS WARRANTY WILL BE SHIPPED AT NO CHARGE TO THE CUSTOMER.**

### **EXCLUSIONS FROM WARRANTY:**

1. The foregoing warranty is limited solely as set forth herein and applies only for the periods designated above.
2. AMERICAN FIRE GLASS™ shall not be liable for any loss, damage, incidental or consequential damages of any kind, whether based upon warranty, contract, or negligence, arising in connection with the sale, use, or report of the product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.
3. The maximum liability of AMERICAN FIRE GLASS™ in connection with this limited warranty shall not in any case exceed the contract price paid for the product claimed to be defective or unsuitable.
4. This warranty does not extend to any product provided by AMERICAN FIRE GLASS™ which has been subjected to misuse, neglect, accident, improper installation, or use in violation of instructions furnished by AMERICAN FIRE GLASS™.
5. This warranty does not extend to or apply to any unit which has been repaired or altered at any place other than an AMERICAN FIRE GLASS™ factory, or by persons not expressly approved by AMERICAN FIRE GLASS™.
6. Components manufactured by any supplier other than AMERICAN FIRE GLASS™ shall bear only that warranty made by the manufacturer of that product.
7. Freight damage and color changes occurring from cause beyond manufacturer's control and are not covered by any warranty.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE. AMERICAN FIRE GLASS™ shall be held harmless from any and all claims by the buyer as a result of injury or damage to an ultimate user or other person caused by the product sold herein by the seller to the buyer, whether the injury or damage results from the assembly, installation, operation, shipment, storage or manufacture of this product. AMERICAN FIRE GLASS™ makes no warranties, expressed or implied, other than those expressly stated herein.