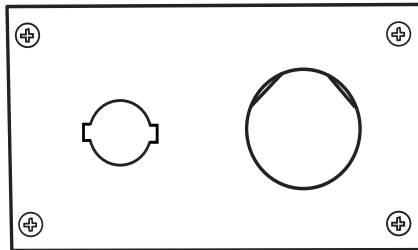
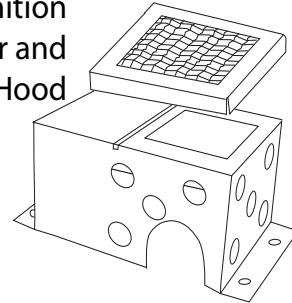


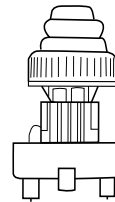
Ignition
Cover and
Mesh Hood



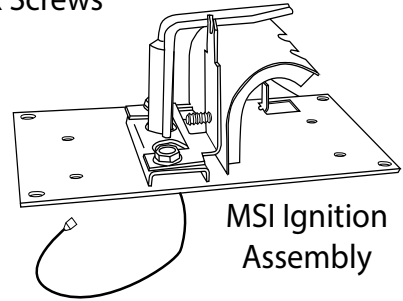
Mounting Plate



Hex Screws



Ignitor Module
(Piezo)



MSI Ignition
Assembly

MODEL: MSI-BSMTI

Manual Spark Ignition (MSI) Kit

For use only with Firegear Outdoors
Match Throw (MT) Fire Pit Pans with Burning Spur

Installation and Operating Instructions

**IF YOU CANNOT READ OR UNDERSTAND THESE INSTALLATION INSTRUCTIONS
DO NOT ATTEMPT TO INSTALL OR OPERATE THIS APPLIANCE**



Warning: For Outdoor Use Only

NATIONAL
FIREPLACE
INSTITUTE



CERTIFIED
www.nficertified.org

We recommend that our gas
hearth products be installed
and serviced by profes-
sionals who are certified in
the U.S. by the National
Fireplace Institute® (NFI) as
NFI Gas Specialists.

PLEASE RETAIN THIS MANUAL FOR FUTURE REFERENCE

PRODUCT DESCRIPTION: This MSI-BSMTI kit is designed to be installed with a Firegear Outdoors Match Throw (MT) fire pits burner system only. The key valve (not supplied) installs next to the Piezo ignitor in the mounting plate. The MSI assembly installs into the pan in one piece. The manual spark ignitor module uses one AAA battery (provided) and provides a spark to light the fire pit by simply pressing the red button.

PREPARING THE FIRE PIT BURNER PAN FOR THE 2-PROBE SPARK IGNITOR

Tools Needed: Power Screwdriver with a, $\frac{5}{16}$ " hex head tip or a $\frac{5}{16}$ " nut driver.

CAUTION: Turn OFF main gas supply before installing.

Step 1: Remove the burner pan from the enclosure (if applicable) or remove the fire pit from the carton.

Step 2: Invert the burner pan up side down and remove the four hex head screws from the cover plate. See Fig. 1. Discard cover plate after removal.

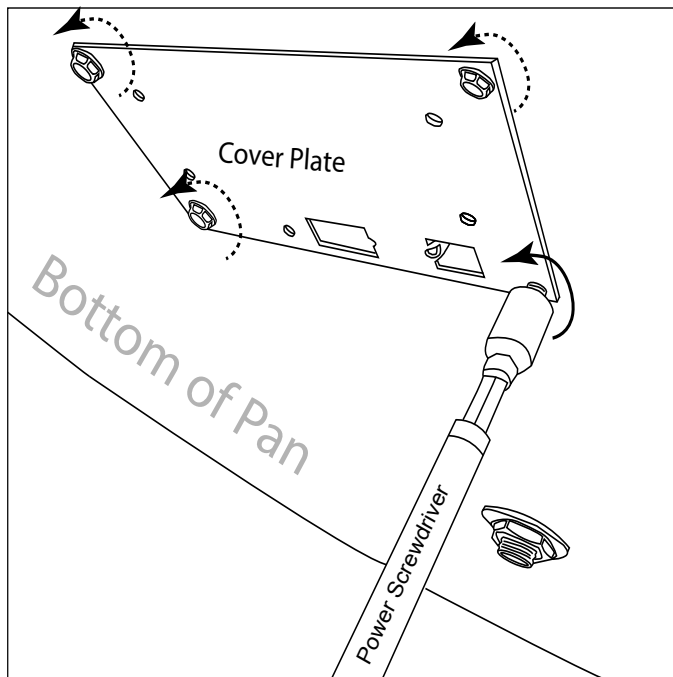


Fig. 1. Removing 4 cover plate screws.

Step 3: Install the MSI ignition assembly from the bottom of the pan as shown in Fig. 2. **Note:** The hood will slide over top of the burner leg as shown in Fig. 3.

Step 4: Secure the MSI ignition assembly to the pan using the four previously removed screws. **Note:** The metal tab aligns the burner leg underneath the spur hood as shown in Fig. 3.

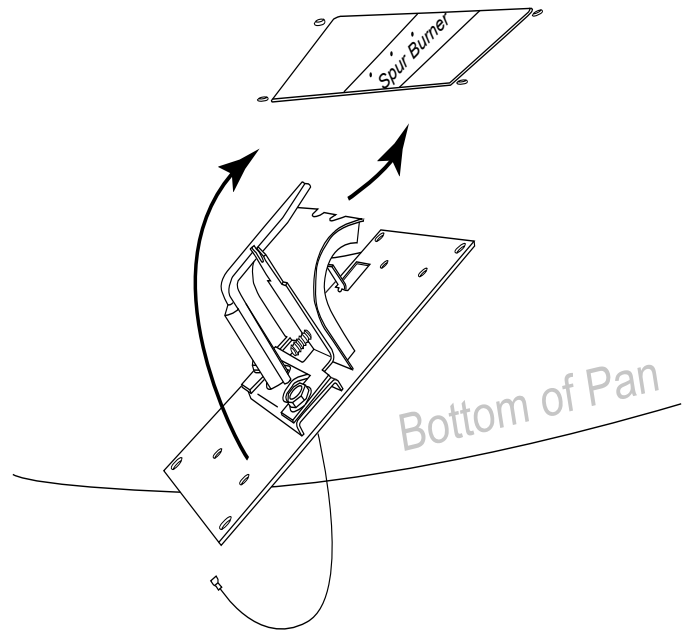


Fig. 2. Installing MSI assembly into bottom of pan.

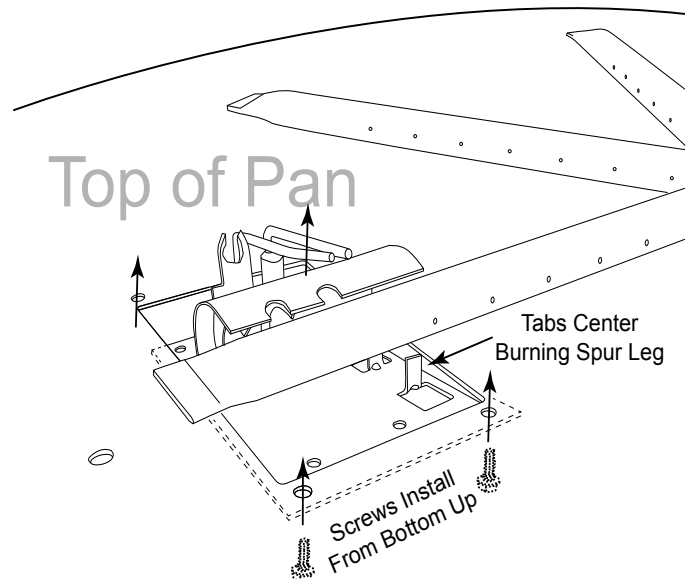


Fig. 3. Installing screws from bottom of pan.

Step 5: Using a power screwdriver install the ignition hood overtop of the MSI assembly plate. See Fig. 4. Align the five holes from the ignition hood to the five hole of the assembly plate, then secure in place with provided screws.

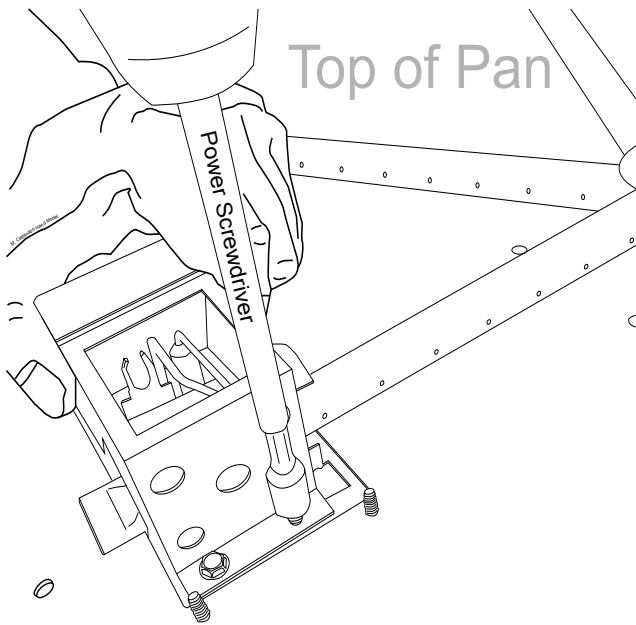


Fig. 4 Installing ignition hood.

Step 6: After securing the five hex screws into place, check top of the ignition hood to verify the probes are centered overtop of notch of the rain shield. This will provide proper ignition when using the Piezo. See Fig. 5.

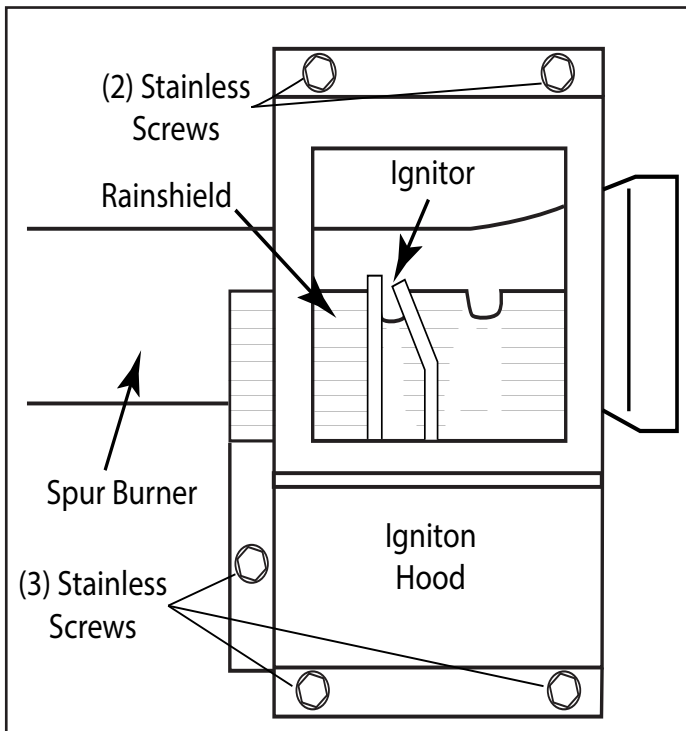


Fig. 5 Ignition hood installed; ignitor inspection.

Step 7: Install the manual key valve into the mounting plate as shown in Fig. 6. Mount the valve from the back side of the mounting plate and thread the chrome flange through the front to secure the key valve into place.

Note: The fire pit manual can provide additional detail for mounting the key valve.

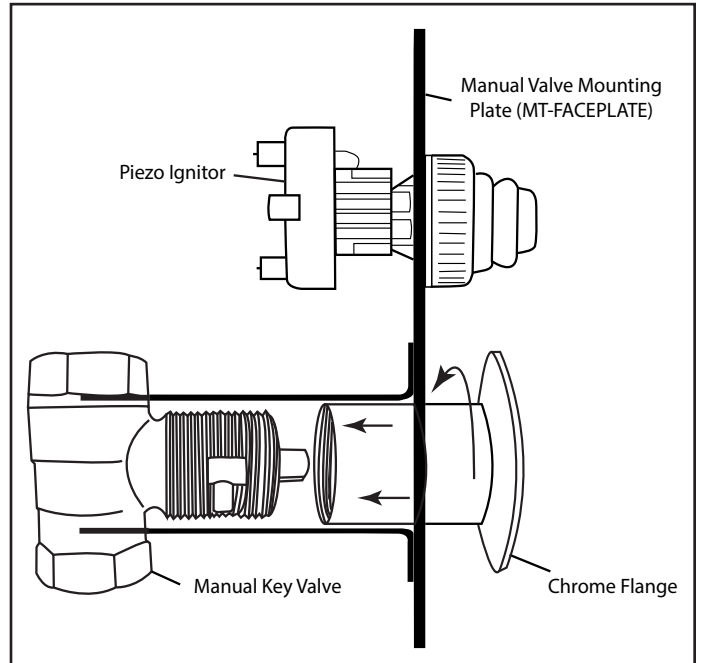


Fig. 6 Installing the key valve into the mounting plate.

Step 8: Install the manual spark ignitor module (Piezo) from the back side of the mounting plate and secure it with the plastic nut on the front side as shown in Fig. 7.

Note: Ensure you align the tabs on the ignitor module with the notches in the mounting face plate.

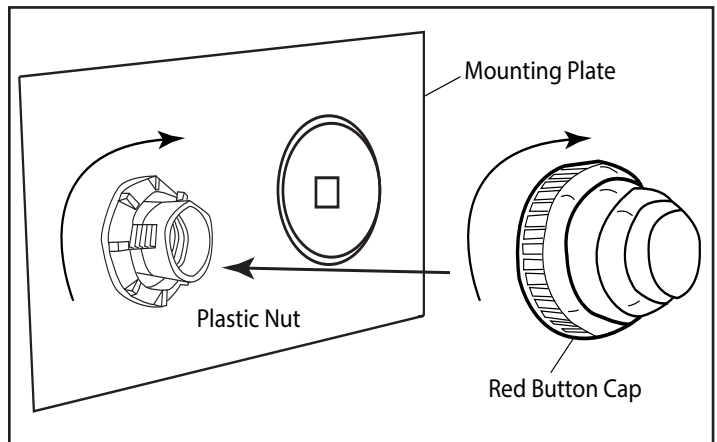


Fig. 7 Installing the manual spark ignition module (Piezo) into mounting plate.

Step 8: Determine a location to install the mounting plate into the fire pit enclosure. See Fig. 8. The location should be within 40-inches of the ignition hood on the fire pit. This is to ensure there is enough wires to reach to each connection. On the back of this manual is a 1:1 template for use when cutting out the hole for the mounting plate.

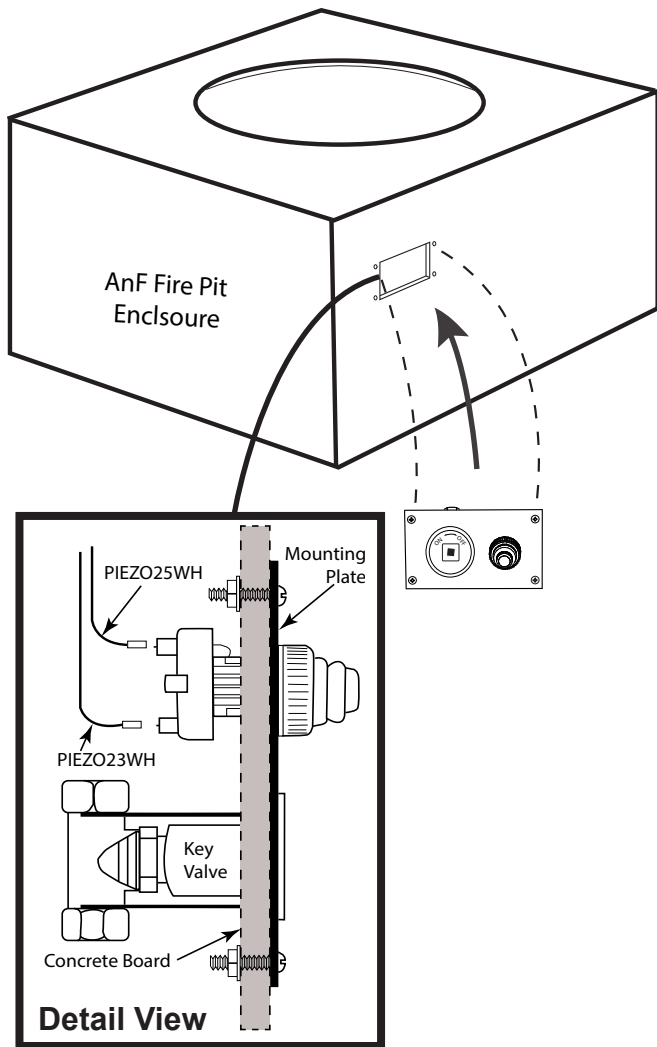


Fig. 8 Shows mounting plate installation.

Before installing the mounting plate connect the wires as shown in Fig. 8 and follow the remaining instructions for final assembly. Ensure you have run the gas connections according to the fire pit install manual.

Step 9: Locate the Piezo ground tab. It will be attached to the screw holding the fire pit rating plate. See Figs. 9 & 10. Connect one end of the PIEZO48WH wire to the ground tab. **Note:** Ensure screw and nut are tight securing the ground tab..

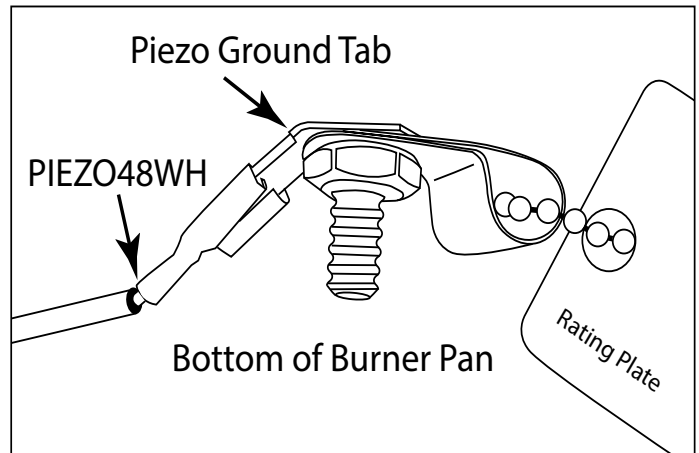


Fig. 9 Piezo ground tab location.

Step 10: When making connections for MSI-BSMTI Kit use the wiring diagram below (Fig. 10) for proper wiring.

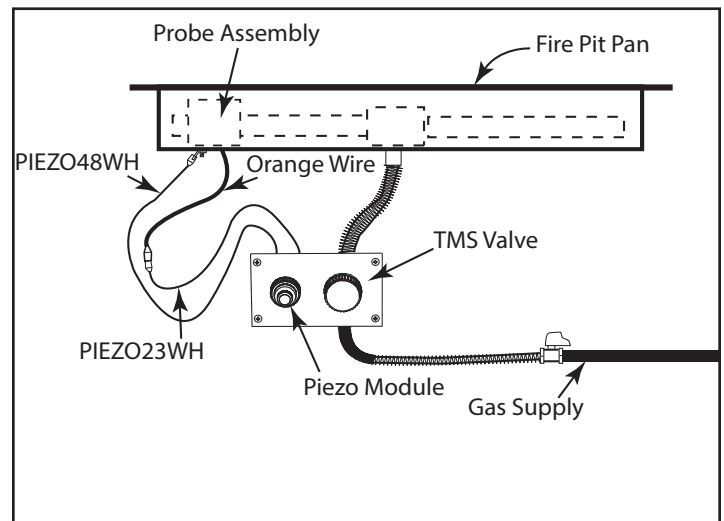


Fig. 10 Shows wiring of PIEZO48WH.

Step 11: Once the wiring and gas connections are complete then install the mounting plate with the screws, washers and nuts as shown in Fig. 8 detail view.

Step 12: Install the AAA battery into the manual spark ignition module (Piezo). See Fig. 11. Ensure not to over-tighten the “red” button cap. These are plastic thread and can strip easily if not careful.

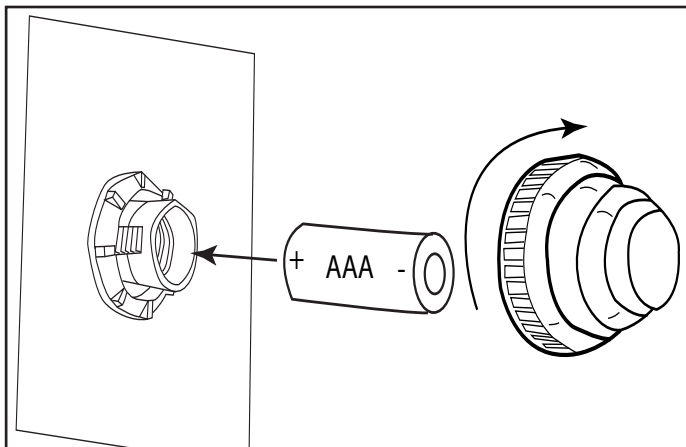


Fig. 11 Installing battery into Piezo.

Step 13: Install the screen mesh cover overtop of the ignition hood. See Fig. 12. Ensure media does not block cover.

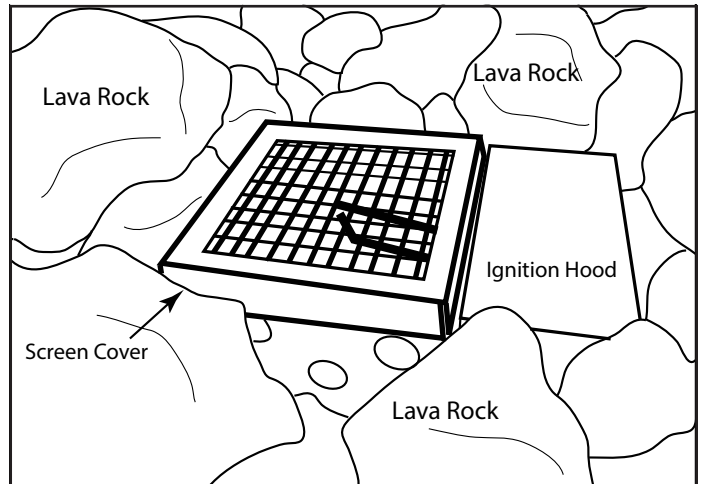


Fig. 12. Mesh screen cover installed on ignition hood.

Step 14: Installation is now complete.

LIGHTING INSTRUCTIONS

READ ALL LIGHTING INSTRUCTIONS BEFORE ATTEMPTING TO LIGHT FIRE PIT

CAUTION: ENSURE YOU HAVE LEAK TESTED THE FIRE PIT BEFORE OPERATING.

LIGHTING INSTRUCTIONS

READ ALL WARNING AND SAFETY INFORMATION ABOVE BEFORE ATTEMPTING TO LIGHT FIRE PIT

CAUTION: Ensure you have leak tested the fire pit before operating.

TURNING ON FIRE PIT

1. Insert key into shut-off valve and secure into square end (see Figs 12 & 13).
2. Press the red Piezo button inward and hold. Wait till you hear it sparking.
3. Turn the key counter-clockwise in gas valve (until it stops) to allowing gas to flow and to light the fire pit. After fire pit lights release the red Piezo button.
4. Gas should ignite within 10 seconds or less. If fire pit does not light within 10 seconds turn key clockwise to turn **OFF** the gas supply and try again in 5 minutes.

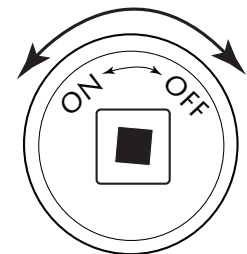


Fig. 12. Key Valve Face

If the burner does not light, check to ensure there is not too much media on top of the burner to inhibit gas flow.

TURNING OFF FIRE PIT

1. Insert key into shut-off valve and secure into square end.
2. Turn key clockwise until it stops.
3. After cooling off install cover (if applicable).

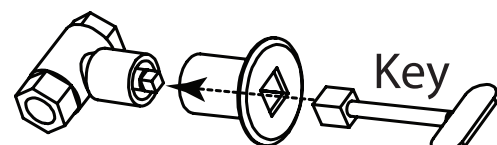
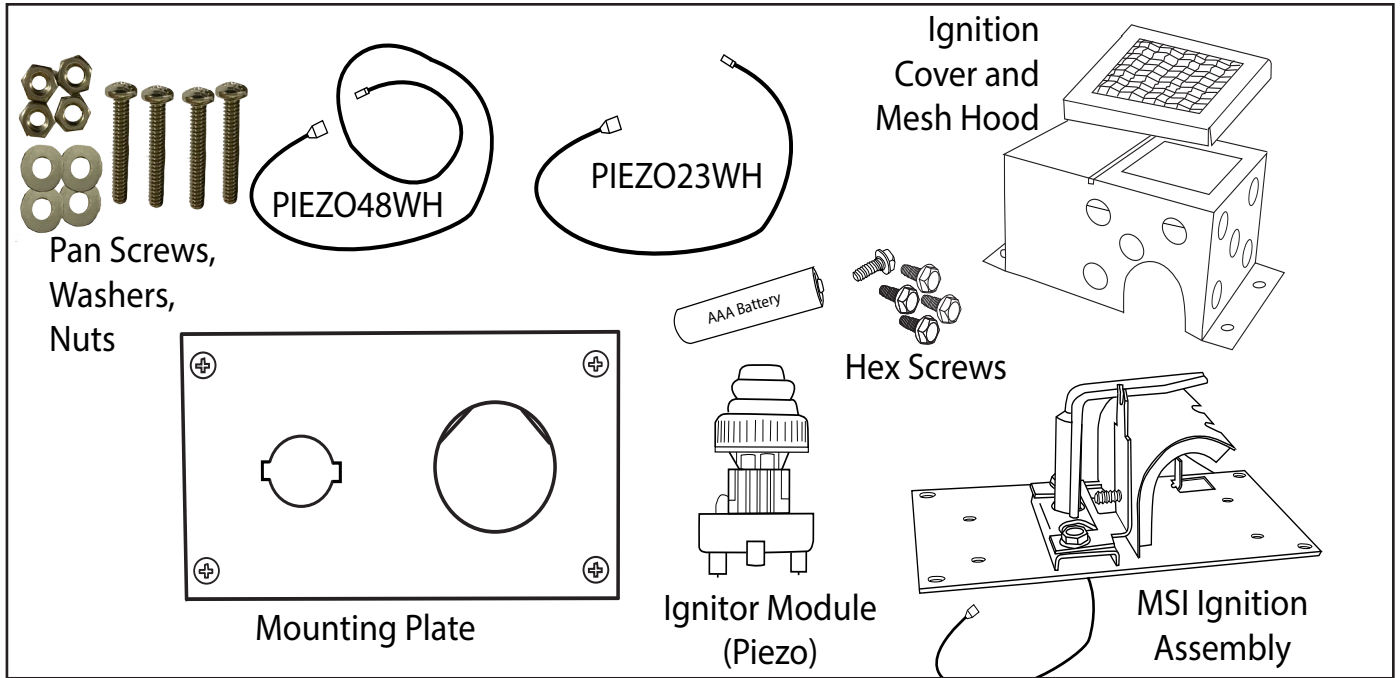


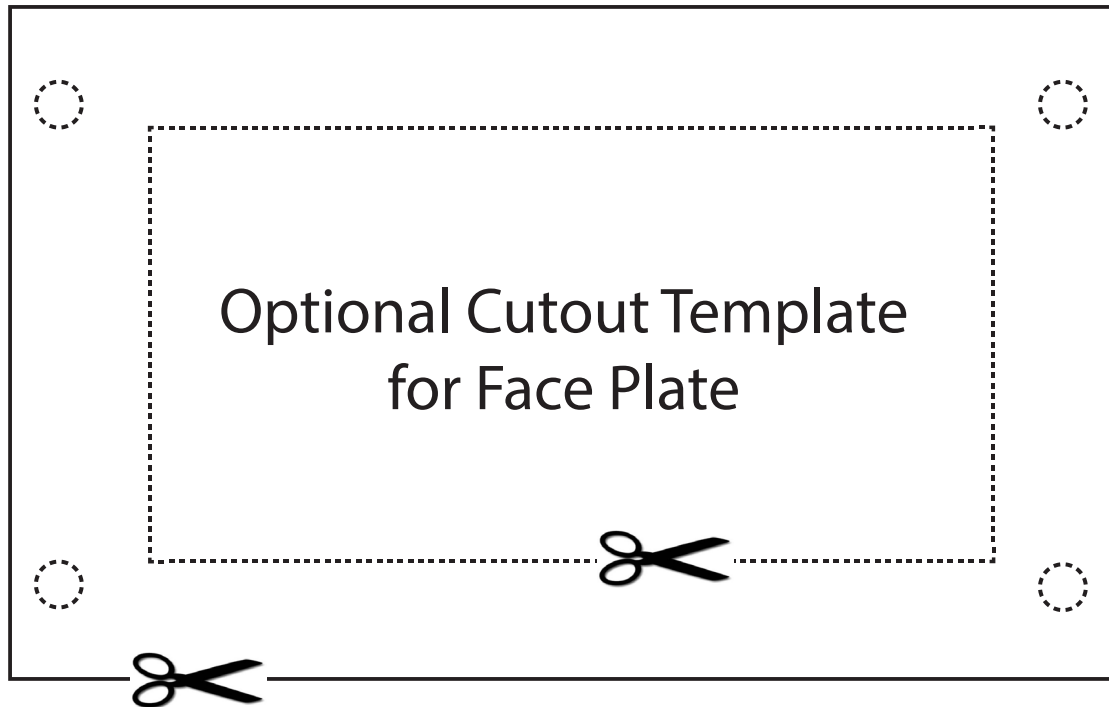
Fig. 13 Inserting Key into Valve

REPLACEMENT PARTS



REPLACEMENT PARTS LIST

#	Description & Part Number	#	Description & Part Number
1	(1) Manual Spark Ignitor Module (3042-RB)	7	(4) #10 Stainless Steel flat Washer (WASHER10SS)
2	(1) AAA Battery (BATTAAA)	8	(4) 1.25" Phillips Pan Head (SCREW1024PANSS)
3	(1) Extension wire (PIEZO23WH)	9	(5) 10-24 x 1/2" SS Thread Cutting Screw (ST3-113-1028)
4	(1) Extension wire (PIEZO48WH)	10	(1) Mesh Screen Hood (ST3-100-1027)
5	(1) MSI Ignition Assembly (MSI-IGNT-ASSEMBLY)	11	(1) Ignitor Cover (SPURHOOD)
6	(4) 10x24 Stainless Steel Nut (ST3-113-1020)	12	(1) MT Mounting Plate (MT-FACEPLATE)



This instruction provides an option to mount the face plate to concrete board. Use the template above to complete the installation.

The face plate can be mounted vertically or horizontally.

Using scissors carefully cutout the template and trace it on your concrete board. The dotted line provides the cutout area to mount face plate. Use a concrete drill bit to drill (4) 3/16" diameter holes. Install the 1¼" stainless screws through the front of the faceplate with the nuts and washers on the backside. These are all provided in the hardware bag.

CAUTION: Careful not to over-tighten screws and nuts to ensure the cement board does not crack or break.

FIREGEAR LIMITED WARRANTY - 2020

Firegear Outdoors hereby warrants to the end user that products will be free from material and workmanship defects that prevent safe and correct operation of the product. The warranty commences from date of sale to the end user for the following period:

CONSUMER RESIDENTIAL APPLICATIONS – MANUFACTURED AFTER 12/02/2019

BURNER SYSTEMS, BURNERS, COMPONENTS AND ACCESSORIES

- LIFETIME WARRANTY ON CONSTRUCTION AND MANUFACTURER DEFECTS
- LIFETIME WARRANTY - STAINLESS STEEL BURNERS AND PANS
- LIFETIME WARRANTY - BRASS BURNERS
- FIVE (5) YEAR WARRANTY - GAS VALVE, SPARK IGNITER, PILOT ASSEMBLIES
- FIVE (5) YEAR WARRANTY - AWS ELECONITC IGNITION SYSTEMS (24VAC, 30 VDC)
- FIVE (5) YEAR WARRANTY - TFS/TMSI ELECTRONIC COMPONENTS
- FIVE (5) YEAR WARRANTY – MT COMPONENTS (KEY VALVE)
- FIVE (5) YEAR WARRANTY - REFRACTORY GAS LOG SETS
- FIVE (5) YEAR WARRANTY - READY TO FINISH/ANF FIRE PIT ENCLOSURES
- FIVE (5) YEAR WARRANTY – SKYTECH MANUACFTURED OPTIONAL CONTROLS

OUTDOOR FIREPLACE – KALEA BAY

- LIFETIME WARRANTY - CONSTRUCTION AND MANUFACTURER DEFECTS
- LIFETIME WARRANTY - STAINLESS STEEL COMPONENTS
- FIVE (5) YEAR WARRANTY - GAS VALVE, PILOT ASSEMBLY, POWER SUPPLY, CONTROLS
- FIVE (5) YEAR WARRANTY – SKYTECH MANUACFTURED OPTIONAL CONTROLS

SANCTUARY SERIES – GFRC FIRE FEATURES

- THREE (3) YEAR WARRANTY - GFRC STRUCTURE
- REFER TO THE APPROPRIATE BURNER SYSTEM FOR WARRANTY

WARRANTY COVERS MANUFACTURING DEFECTS OR STRUCTURAL FAILURE. SMALL STRESS CRACKS AND SURFACE CRAZING ARE A NATURAL OCCURRENCE IN GFRC PRODUCTS AND NOT COVERED BY WARRANTY.

READY TO FINISH/ANF ENCLOSURES

- FRAME – LIFETIME WARRANTY ON CONSTRUCTION AND MANUFACTURER DEFECTS

ACCESSORIES

- LIFETIME WARRANTY - CONSTRUCTION AND MANUFACTURER DEFECTS
- LIFETIME WARRANTY - STAINLESS STEEL COMPONENTS (LIDS, STAINLESS STEEL COVERS)
- ONE (1) YEAR WARRANTY – ESTOP1-OH, ESTOP2-5H WINDSHIELDS, HOSES AND REGULATORS

COMMERCIAL APPLICATIONS – MANUFACTURED AFTER 12/02/2019

BURNER SYSTEMS, BURNERS, COMPONENTS AND ACCESSORIES

- TWO (2) YEAR WARRANTY ON CONSTRUCTION AND MANUFACTURER DEFECTS
- TWO (2) YEAR WARRANTY - STAINLESS STEEL BURNERS AND PANS
- TWO (2) YEAR WARRANTY - BRASS BURNERS
- TWO (2) YEAR WARRANTY - GAS VALVE, SPARK IGNITER, PILOT ASSEMBLIES
- TWO (2) YEAR WARRANTY - AWS ELECONITC IGNITION SYSTEMS (24VAC, 30 VDC)
- TWO (2) YEAR WARRANTY – MT COMPONENTS (KEY VALVE)
- TWO (2) YEAR WARRANTY - REFRACTORY GAS LOG SETS
- FIVE (5) YEAR WARRANTY - READY TO FINISH/ANF FIRE PIT ENCLOSURES
- TWO (2) YEAR WARRANTY – SKYTECH MANUACFTURED OPTIONAL CONTROLS

OUTDOOR FIREPLACE – KALEA BAY

- LIFETIME WARRANTY - CONSTRUCTION AND MANUFACTURER DEFECTS
- LIFETIME WARRANTY - STAINLESS STEEL COMPONENTS
- TWO (2) YEAR WARRANTY - GAS VALVE, PILOT ASSEMBLY, POWER SUPPLY, CONTROLS
- TWO (2) YEAR WARRANTY – SKYTECH MANUACFTURED OPTIONAL CONTROLS

SANCTUARY SERIES – GFRC FIRE FEATURES

- THREE (3) YEAR WARRANTY - GFRC STRUCTURE
- REFER TO THE APPROPRIATE BURNER SYSTEM FOR WARRANTY
WARRANTY COVERS MANUFACTURING DEFECTS OR STRUCTURAL FAILURE. SMALL STRESS CRACKS AND SURFACE CRAZING ARE A NATURAL OCCURRENCE IN GFRC PRODUCTS AND NOT COVERED BY WARRANTY.

READY TO FINISH/ANF ENCLOSURES

- FRAME – LIFETIME WARRANTY ON CONSTRUCTION AND MANUFACTURER DEFECTS

ACCESSORIES

- LIFETIME WARRANTY - CONSTRUCTION AND MANUFACTURER DEFECTS
- LIFETIME WARRANTY - STAINLESS STEEL COMPONENTS (LIDS, STAINLESS STEEL COVERS)
- ONE (1) YEAR WARRANTY – ESTOP1-OH, ESTOP2-5H WINDSHIELDS, HOSES AND REGULATORS

The end-user must provide a bill of sale, canceled check, or payment record to verify the purchase date and to establish the warranty period. This Limited Warranty shall be valid and limited to the original purchaser only.

WARNING Any modification to the product will void the warranty.

This Limited Warranty shall be limited to the repair and/or replacement of parts that have been proven to be defective under normal use and service. All warranty claims must be made by the OEM/Distributor/Dealer account on behalf of the end-user. You may contact Technical Support at 800-966-8126.

Our Technical Service Department must confirm all approved defects. If a defect is confirmed and we approve the claim, we will replace such parts without charge. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

The manufacturer may request defective products returned with an RMA (Return Merchandise Authorization) issued by Firegear Outdoors for specific products, which is considered to be the nature of the defect and or warranty claim. Product to be returned should; be packed so as not to incur damages during transportation. Firegear is not responsible for damages on returned items. RMA is valid for thirty (30) days from the date issued. The RMA must be clearly marked on the outside of the package.

Please check with your local building code department or governing agency for proper approvals before purchasing. Firegear Outdoors is not responsible for any violation of local codes.

Travel, diagnostic cost, service labor to repair the defect on warranty parts to and from the factory will be the responsibility of the owner. We will not be responsible for labor charges and/or damage incurred in installation, repair, and replacement. Firegear is not responsible for Issues related to gas or electrical installation.

The Limited Warranty is voided if not assembled, installed, and operated as intended. This Limited Warranty does not cover any defects due to accident, abuse, misuse, alteration, misapplication, vandalism, improper installation or improper maintenance or service, removal from the original location, or re-installation into another location, or failure to perform normal and routine maintenance.

Damage due to severe weather conditions such as hail, hurricanes, earthquakes, tornadoes, discoloration due to overheating, exposure to chemicals (including chlorine and salt), either directly or in the atmosphere, or very high humidity, is not covered by this Limited Warranty. Coastal, humid and/or salt environments are subject to manufacturer review. All out-of-box claims must be made within 30 days of purchase and must be made prior to installation. Any product installed damaged will be considered damaged during installation and not covered under warranty.

There are no other express warranties except as set forth herein. For consumer applications, any applicable implied warranties of merchantability and fitness are limited in duration to the period of coverage of this Limited Warranty. Some states do not allow limitation on how long an implied warranty lasts, so this limitation may not apply to you.

For Commercial Applications, the liability of Firegear Outdoors is limited to the express terms of this warranty. We expressly disclaim any and all implied warranties, including any warranties of fitness for a particular purpose or merchantability.

We are not liable for any special, indirect or consequential damages. Our maximum liability is limited to the purchase price of the purchased units. Some states do not allow the exclusion or limitation of incidental or consequential damages, so this limitation or exclusion may not apply to you.

We do not authorize any person or company to assume for it any other obligation or liability in connection with the sale, installation, use, removal, return, or replacement of its equipment, and or such representation are binding.