



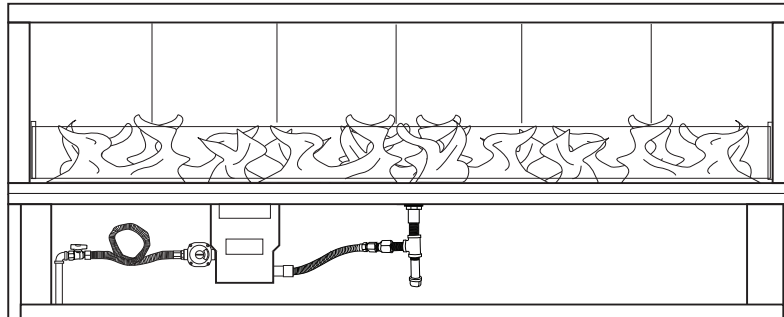
DO NOT DISCARD. THIS MANUAL HAS IMPORTANT OPERATING AND MAINTENANCE INSTRUCTIONS. LEAVE WITH THE HOMEOWNER.

MODEL:

SERIAL #:



Kalea Bay LPK Conversion Kit



MODELS

Natural Gas	Description
OFP-36LECO-LPK	36" Propane Conversion Kit
OFP-48LECO-LPK	48" Propane Conversion Kit
OFP-60LECO-LPK	60" Propane Conversion Kit
OFP-72LECO-LPK	72" Propane Conversion Kit

Installation and Operating Instructions

THIS CONVERSION KIT MUST BE CONVERTED BY A QUALIFIED GAS FITTER/SERVICE COMPANY. IF YOU DO NOT UNDERSTAND HOW TO COMPLETE THIS PROCESS THEN DO NOT CONVERT THIS APPLIANCE.

INSTALLATION PRECAUTION:

Check your Kalea Bay installation manual to ensure you have the correct orifice number for your Kalea Bay.



Warning: For Use With Firegear
Kalea Bay Only



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

NATURAL GAS TO LP GAS CONVERSION

This kit will properly convert the outdoor fireplace to LP gas. Kit contents are: (1) OAS-LP# (Brass orifice) and (1) ECO-LSS# (Brass low rate set screw), (1) LP Conversion label (placed next to blank space on rating label, (1) Installation instruction

Model	Main Burner Orifice	Low Rate Set Screw
OFP-36LECO-LPK	OAS-LPR52	ECO-LSS-52
OFP-48LECO-LPK	OAS-LPR48	ECO-LSS-46
OFP-60LECO-LPK	OAS-LPR44	ECO-LSS-42
OFP-72LECO-LPK	OAS-LPR42	ECO-LSS-35

Table 1 Reference information

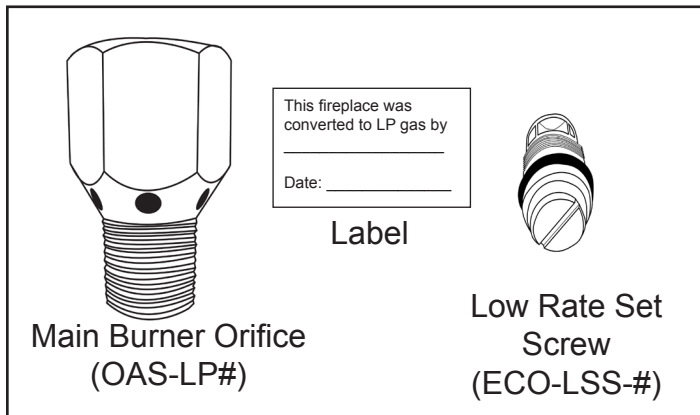


Fig. 1. Contents of kit

Step 1: Turn OFF the gas supply to the outdoor fireplace and disconnect any electrical power.

Step 2: Remove the burner pan from the fireplace to enable conversion access. See installation manual if necessary.

Step 3. Disconnect the flex line at the main burner orifice. Then remove the orifice and flared fitting from the orifice. Re-tape the flared fitting with the new OAS-LP orifice per Table 1. Ensure to use gas rated Teflon tape around the threads or pipe compound. Check for leaks after conversion is complete.

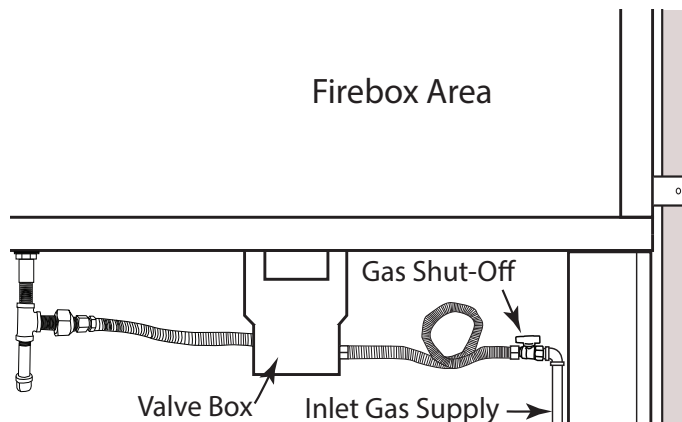


Fig. 2 Changing main burner orifice

Step 4: Locate the gas regulator the opposite side of the valve box. Using a regular size flat bladed screwdriver remove the aluminum cap and washer from the regulator. See Fig. 2.

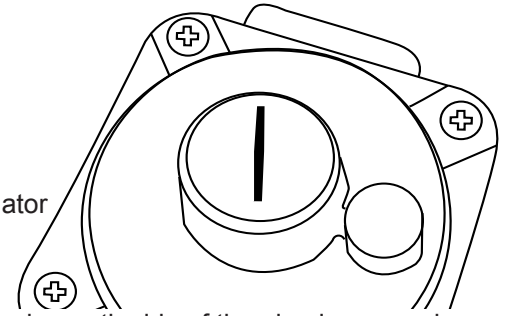


Fig. 3 Regulator cap location

Step 5: On the underneath side of the aluminum cap is a plastic stem. Using a 6mm wrench remove the stem, unscrew the stem (counter-clockwise), turn it over and install the opposite end back into the cap. See Fig. 4.

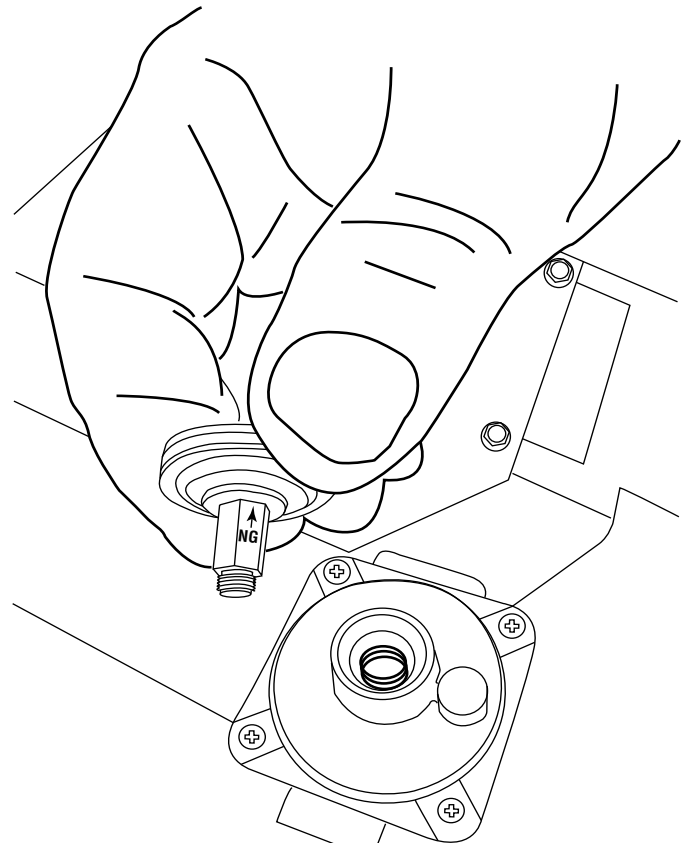


Fig. 4 Regulator stem shown in NG setting

NOTE: The plastic stem has a marking on it with an arrow. Look carefully on the stem, it may be difficult to read.

The gas type is determined with the arrow pointing at the aluminum cap as seen in Figs. 4 and 5.

NATURAL GAS TO LP GAS CONVERSION

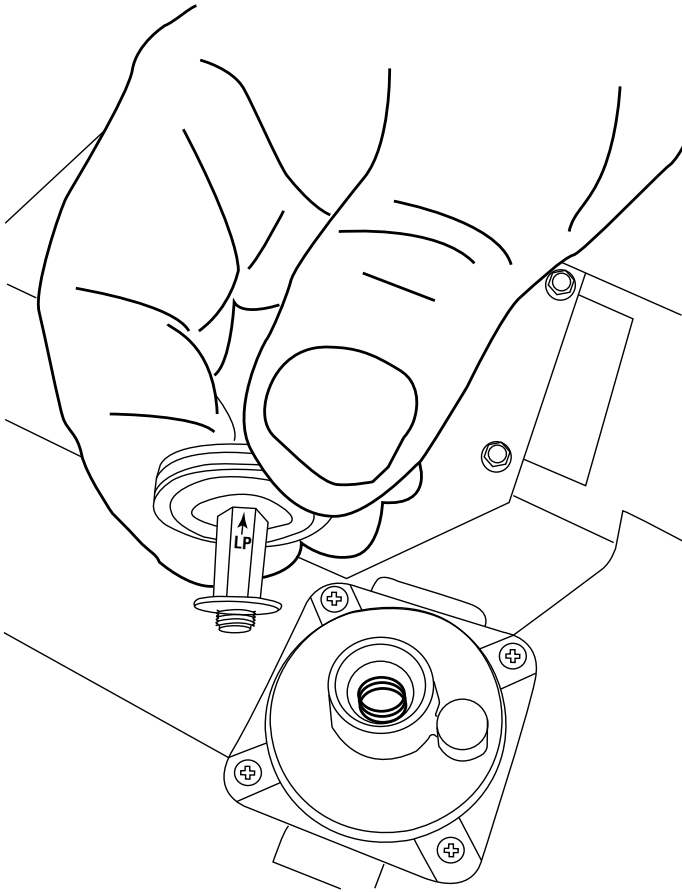


Fig. 5 Regulator stem shown in LP setting

CAUTION: Ensure the aluminum cap is installed with the plastic stem seated completely into the cap and the metal washer is installed with the aluminum cap.

Step 6: Secure the aluminum cap with a screwdriver.

Step 7: In the center of the burner pan where the pilot is located (See Fig. 6), remove the pilot head. **Note:** Some media may need to be removed to gain access.

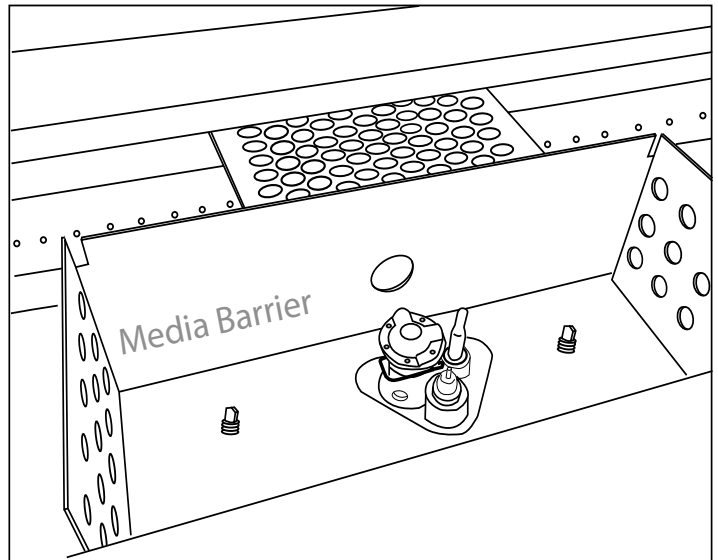


Fig. 6 Show pilot assembly under the pilot hood.

Step 8: Once the pilot box is loosened and exposes the pilot assembly then proceed to removing the pilot hood.

The pilot hood should lift straight up and out of the pilot assembly. If not, remove the wire clip with a small screwdriver or needle-nose pliers, then lift up. See Fig. 9.

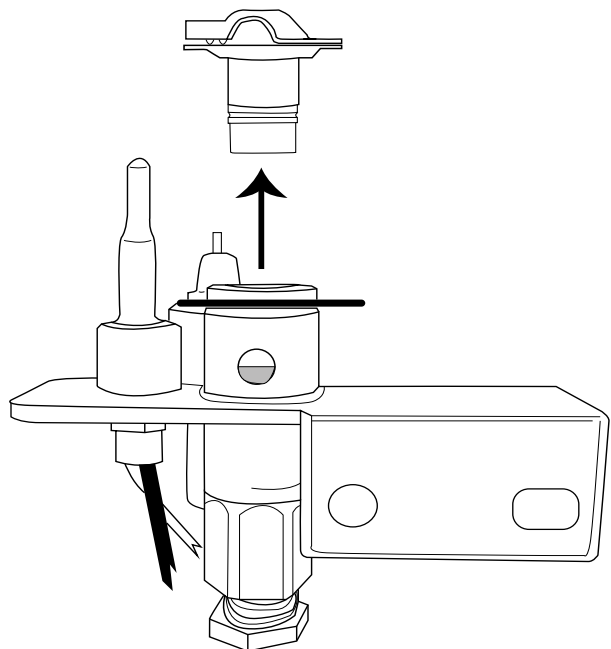


Fig. 7 Pilot hood removal

NATURAL GAS TO LP GAS CONVERSION

Step 9: Insert a 4mm hex head (allen wrench) into the octagon hole of the brass orifice inside the pilot assembly and turn clockwise until it stops (approximately 2 full revolutions). See Fig. 8.

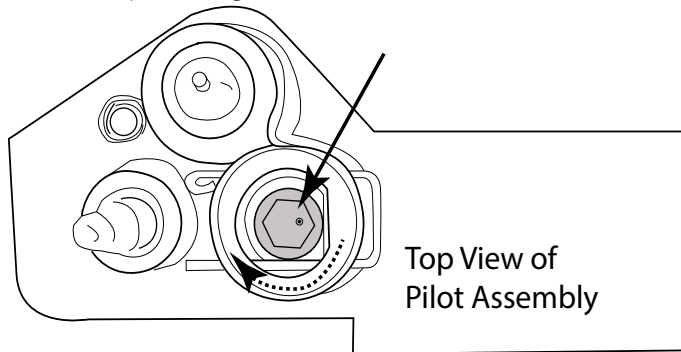


Fig. 8 Shows slot inside pilot orifice

Once the orifice has been converted to LP then re-install the pilot hood, ensure the clip is in place (if removed) and mount the metal pilot box back into place in the same manner you removed it from the burner pan. See Fig. 6 as a reference.

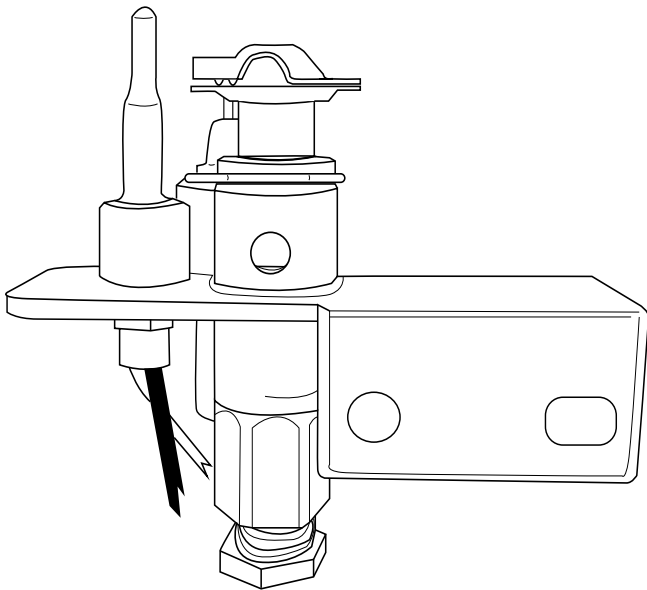


Fig. 9 Pilot assembly converted to LP

NOTE: Figs 7 and 9 provide a visual reference of the pilot orifice from Natural gas to LP gas through the vent hole of the pilot assembly.

Step 10: Look for the low rate set screw in the gas valve box. There is a cutout (window) area that allows access to the low rate set screw. Fig. 10 below shows the side view of the burner pan and a close-up detail.

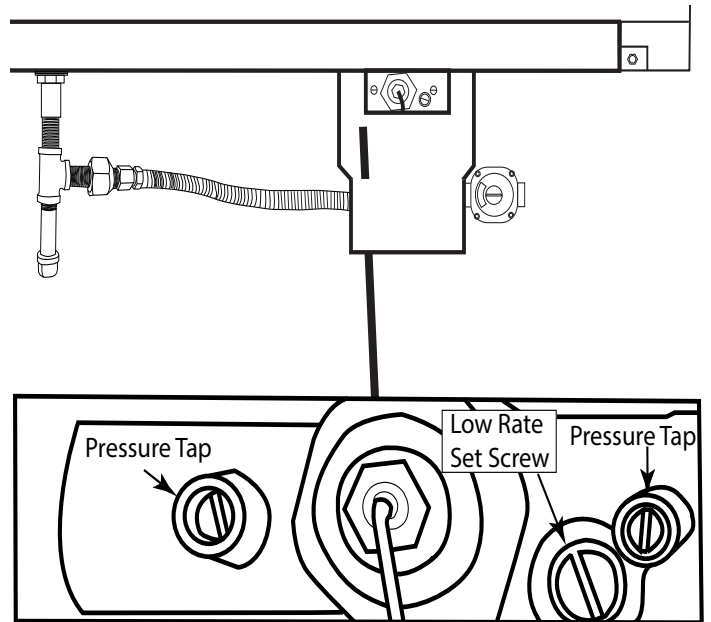


Fig. 10 Detailed location of low rate set screw

Step 11: Remove the low rate set screw with a flat bladed screwdriver turning the screw counter-clockwise. The set screw has a rubber "O" ring on the outer portion of the screw, as a result the screw will rotate only 3-4 revolutions and not unscrew any farther. **Note:** If you drop the low rate screw inside the valve area you can retrieve it through the access door of the valve box.

Step 12: Remove the low rate set screw using a small pair of needle-nose pliers. Grab the outer edge of the screw and pull outward.

Step 13: Insert the correct new low rate screw from Table 1 with the needle-nose pliers. Secure the new low rate set screw (clockwise) with screwdriver until it is tight and now longer spins.

CAUTION: DO NOT REMOVE OR LOOSEN THE SMALL SET SCREWS ON EACH SIDE OF THE V-WIRE. THESE ARE PRESSURE TEST PORTS. IF THESE ARE LOOSENED THEY MUST BE RE-TIGHTENED TO ENSURE NO GAS LEAKS OCCUR.

Step 14: Fill out the label "This fireplace has been converted to LP gas" and affix it to the blank area on the rating plate.

Step 15: Ensure you test the burner pan after it is installed into the fireplace for any gas leaks.

Step 16: Conversion is now complete.

NATURAL GAS TO LP GAS CONVERSION

FOR TECHNICAL SERVICE, CALL: (800) 966-8126

Firegear Outdoors
17322 Gothard St
Huntington Beach, CA 92647

Manual changes often occur, ensure to check the Firegear Outdoor website for any recent updates and warranty information.