

HARGROVE GAS LOG

PILOT CONTROL PROPANE CONVERSION KIT

INSTALLATION INSTRUCTION

(FOR USE WITH PROPANE GAS)

If you purchased a gas log set for Natural Gas but you will be burning it with Propane Gas, please follow these conversion instructions for proper conversion and operation.

NOTE: ALL PROPANE GAS SETS MUST HAVE A PILOT CONTROL (NOT INCLUDED IN PROPANE CONVERSION KIT). IF YOUR SET DOES NOT HAVE A PILOT CONTROL, CONTACT YOUR GAS LOG DEALER BEFORE INSTALLING OR USING THE GAS LOG SET.

GENERAL INFORMATION

DO NOT USE A NATURAL GAS SET FOR PROPANE OR A PROPANE SET FOR NATURAL GAS. WHEN USING PROPANE (LPG) GAS AN AUTOMATIC PILOT SYSTEM MUST BE INSTALLED.

1. There are many different local codes for gas fire logs. The installation of this set must conform with local codes or, in the absence of local codes, with the National Fuel Gas Code ANSI Z223.1-1984.
2. ***This log set is designed for use with Propane Gas (LPG).***
3. When glass fireplace doors are used always operate gas log set with the doors fully open to allow for proper combustion air.
4. A fire screen must be in place when the log set is in use.
5. The appliance and its individual shut off valve must be disconnected from the gas supply piping system at test pressures in excess of 1/2 psig. The appliance must be isolated from the gas supply piping system by closing its individual manual shut off valve during any pressure testing of gas supply system at test pressures equal to or less than 1/2 psig.
6. Minimum inlet supply pressure for Propane gas is 11" water column. Maximum inlet supply pressure for Propane gas is 13" water column.
7. After burning, the logs become fragile and should not be handled. Knocking or rubbing logs can cause concrete to crumble and is not covered under the warranty.
8. Use a soft, dry paintbrush for periodic dusting of the gas fire logs. Special care must be taken to clean the Birch logs. Rubbing will remove soot but will also remove the white pigments.
9. ***Do not burn wood with this set.***

ADEQUATE FIREPLACE VENTILATION OR DRAFT IS REQUIRED FOR SAFETY.

NOTE

GAS LOGS MUST BE INSTALLED BY PERSONNEL QUALIFIED FOR INSTALLING GAS APPLIANCES.

READ INSTRUCTIONS FULLY BEFORE INSTALLING OR OPERATING.

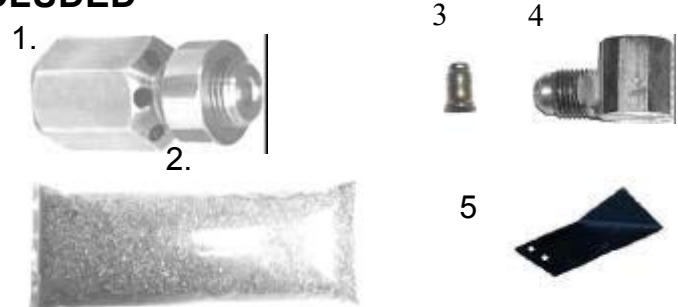
INSTALLER, LEAVE THESE INSTRUCTIONS WITH CONSUMER.

HARGROVE MANUFACTURING CORPORATION

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PARTS INCLUDED

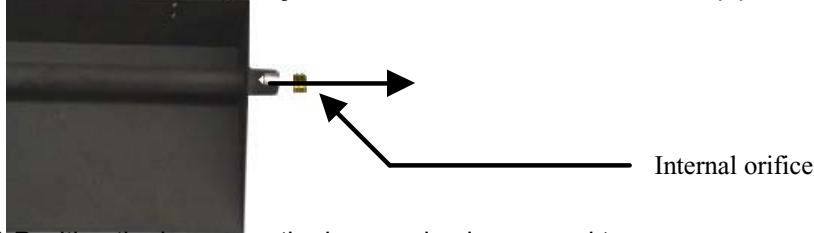
PART #	DESCRIPTION
1. AM & AM-N	AIR MIXER & AIR MIXER NUT
2. VM	VERMICULITE
3.RSPOS.10	PILOT ORIFICE
4.50-6-6	3/8 FIP x3/8 FL BRASS ELBOW
5.LP-EXT	LP PILOT BRACKET



INSTALLATION AND OPERATION

1) Remove the fire embers and set them aside. Discard the sand from ember burner material.

IMPORTANT: There **may** be an orifice installed in the burner pipe. Remove the orifice before installing the Air Mixer.



2) Position the burner so the burner pipe is exposed to you as you are looking at it. Install the air mixer (AM) on the right end of the burner pan using pipe dope on the threads.

3) Connect the 50-6-6 brass elbow to the AM so that the flared end of the 50-6-6 is facing forward.

4) Remove the natural gas pilot orifice from the (RSTPB-18) thermocouple and pilot burner assembly and replace with the LP pilot orifice.



5) Refer to the Concentric Pilot Control Installation Instructions for further pilot control installation steps.

6) Spread the vermiculite Embers evenly over the pipe in the ember burner. Vermiculite level should be sloped evenly with the sides of the ember burner pan to give the look of fallen ashes. (See Figure B)

7) Part B Embers (rockwool) are placed over the Vermiculite to simulate glowing embers. For best results pinch off pieces of the Part B material the size of a dime and feather it out. Place as much as desired over the area the gas comes through.

8) See CPC lighting instructions to light pilot burner.

9) The color of the flame can be changed by turning the air-adjusting nut. When the holes in the air mixer can be seen it is open and the flame will burn a light yellow. This position will produce the least amount of soot. When closed the flame will burn a yellow-orange color and produce more soot. It is recommended that the air mixer be completely open.

Figure A

BACK VIEW OF EMBER BURNER

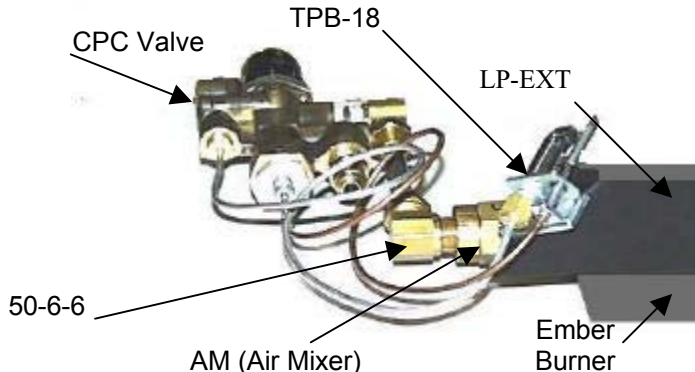
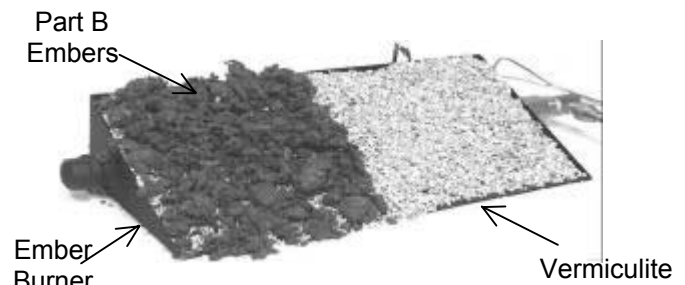


Figure B

EMBER MEDIA REPLACEMENT



LIMITED WARRANTY

Refractory Logs

Hargrove gas logs carry a limited lifetime warranty against any manufactured defect or breakage when installed indoors. A replacement will be available from the dealer at which the appliance was purchased. This warranty does not cover breakage caused by excessive handling once installed and fired. Outdoor applications carry a one (1) year limited warranty.

Burner & Grate

If the burner or grate fails due to deterioration within two (2) years of the verified purchase date, a free replacement will be made available from the dealer at which the appliance was purchased.

Valves, Remote Controls, & Switching Devices

Hargrove warrants all valves, remote controls and switching devices against manufacturing defects, which appear within two (2) years of the verified purchase date. Warranty does not cover products that have been damaged by misuse from overheating. Before any product is returned a Return Goods Authorization number (RGA) must be issued by Hargrove's Customer Service Department. All returns must be accompanied by an explanation of the problem and all necessary parts.

All Other Parts

If any assembled part should fail to operate or be found defective which appear within two (2) years of the verified purchase date, a replacement will be available from the dealer at which the appliance was purchased.

Buyer shall notify Hargrove Mfg Corp. of any defect covered by this warranty no later than thirty (30) days after defect is discovered. Failure to provide notice within thirty (30) days shall void the limited warranty.

WHAT IS NOT COVERED

1. Removal and reinstallation costs.
2. Labor costs for replacement or repairs.
3. Transportation or shipping cost.
4. The cost of a service call to diagnose trouble.
5. Painted Surfaces.
6. Damage or defect caused by improper installation, accident, misuse, abuse, alteration, or authorized service technician.
7. Replacement of burner or combustion chamber resulting from improper storage of the appliance.

LIMITATIONS AND EXCLUSIONS

1. No one has authority to add to or vary this limited warranty, or to create for Hargrove Manufacturing Corporation any other obligation or liability in connection with this appliance.
2. Any implied warranty applicable to this appliance is limited in duration to the same period of time as this written Warranty. Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you.
3. HARGROVE MANUFACTURING CORPORATION WILL NOT BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL, SPECIAL OR CONTINGENT DAMAGES YOU MIGHT SUFFER AS A RESULT OF A CLAIM UNDER THIS WRITTEN WARRANTY OR ANY IMPLIED WARRANTY. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusion may not apply to you.
4. This warranty applies only to the original purchaser and may not be transferred or assigned.
5. If you cannot verify the purchase date of the appliance, the warranty period will begin on the date of which the appliance was manufactured.
6. Replacement or repair parts are warranted for the remaining period of the original part warranty. Warranty parts must be obtained through authorized dealers of this product who will provide original factory replacement parts. Failure to use original factory replacement parts voids this warranty.
7. The maximum liability of Hargrove Mfg Corp. 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.
8. Purchaser or user agrees to hold Hargrove Mfg Corp. 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. Hargrove Mfg Corp. makes no warranties, expressed or implied, other than those expressly stated herein.

YOUR DUTIES

This appliance must be installed by a qualified installer, operated and maintained in accordance with all applicable codes and the instructions furnished with the appliance. You must provide a receipt verifying the purchase date of the appliance when making a warranty claim with the dealer from which the appliance was purchased.

This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

To register your Hargrove product, please visit our website at <http://www.hargrovegaslogs.com/reg.htm>.

CONTACT INFO: Hargrove Manufacturing Corp.

Tele: (800) 725-4166