



# INSTALLATION INSTRUCTIONS AND OWNER'S MANUAL



## LS41THF-1 CHARRED LOGS



### WARNINGS

If the information in this manual is not followed exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- Installation and service must be performed by a qualified installer, service agency or the gas supplier.

### WHAT TO DO IF YOU SMELL GAS

- Do not try to light any appliance.
- Do not touch any electrical switch; do not use any phone in your building.
- Immediately call your gas supplier from neighbor's phone. Follow the gas supplier's instructions.
- If you cannot reach your gas supplier, call the fire department.

**LOG SET FOR USE WITH  
DIRECT VENT FIREPLACE  
MODELS:**

**DVTL41BP90(N,P)-1**

**GAS-FIRED**



**INSTALLER:** Leave this manual with the appliance.  
**CONSUMER:** Retain this manual for future reference.

**WARNING:** If not installed, operated and maintained in accordance with the manufacturer's instructions, this product could expose you to substances in fuel or from fuel combustion which can cause death or serious illness.



We suggest 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.

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# IMPORTANT INSTALLATION GUIDELINES

## **Proper Log Placement**

Log placement is critical to proper burner performance. Logs must be correctly positioned. The photos in this manual show the proper pinned position for logs on this set. Owners need to be shown proper log placement and instructed not to move the logs.

Logs must fit firmly onto the burner when positioned as shown in the photos. Misformed logs or logs with sloppy pin holes must be replaced.

## **Proper Placement of Glowing Embers**

Glowing embers can be added to burners for a glowing ember effect. It must be positioned only on top of the burner. The photos in this manual show the proper placement of glowing embers.

## **Make Owners Aware of Proper Log Set Operation**

Properly installed and properly maintained log sets do not deposit soot on the logs. If users see soot appear on a log, call for service. Do not continue to operate the log set.

# GENERAL INFORMATION

## **Qualified Installing Agency**

Installation and replacement of gas piping, gas utilization equipment or accessories and repair and servicing of equipment shall be performed only by a qualified agency. The term "qualified agency" means any individual, firm, corporation, or company that either in person or through a representative is engaged in and is responsible for (a) the installation, testing, or replacement of gas piping or (b) the connection, installation, testing, repair, or servicing of equipment; that is experienced in such work; that is familiar with all precautions required, and that has complied with all the requirements of the authority having jurisdiction.

The installation must conform with local codes or, in the absence of local codes, with the *National Fuel Gas Code*, ANSI Z223.1/NFPA54.\*

\*Available from the American National Standards Institute, Inc. 11 West 42nd St., New York, N.Y. 10018.

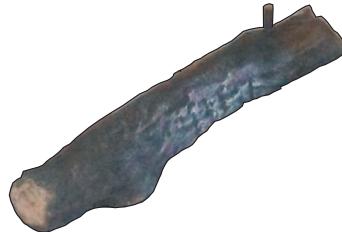
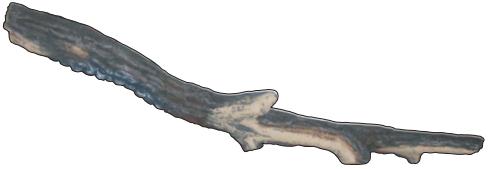
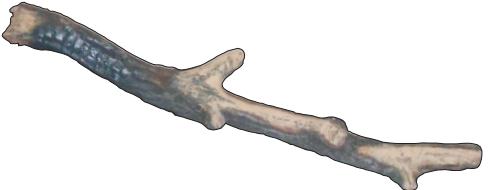
**State of Massachusetts:** The installation must be made by a licensed plumber or gas fitter in the Commonwealth of Massachusetts.

Sellers of unvented propane or natural gas-fired supplemental room heaters shall provide to each purchaser a copy of 527 CMR 30 upon sale of the unit.

## **Appliance Certification**

This logset is design certified in accordance with American National Standard/CSA Standard ANSI Z21.88/CSA 2.33 and by Underwriters Laboratories for use with a Direct Vent Gas Fireplace Heater and shall be installed according to these instructions.

# LOG IDENTIFICATION

| TOP VIEW  | FRONT VIEW   | DESCRIPTION         | PART NUMBER |
|---|--|---------------------|-------------|
|    |    | REAR LOG (A)        | 33582       |
|    |    | RIGHT LOG (C)       | 33583       |
|    |    | LEFT LOG (B)        | 33584       |
|   |   | TOP BRANCH (D)      | 33585       |
|  |  | LEFT FRONT TWIG (E) | 33586       |

# LOG PLACEMENT

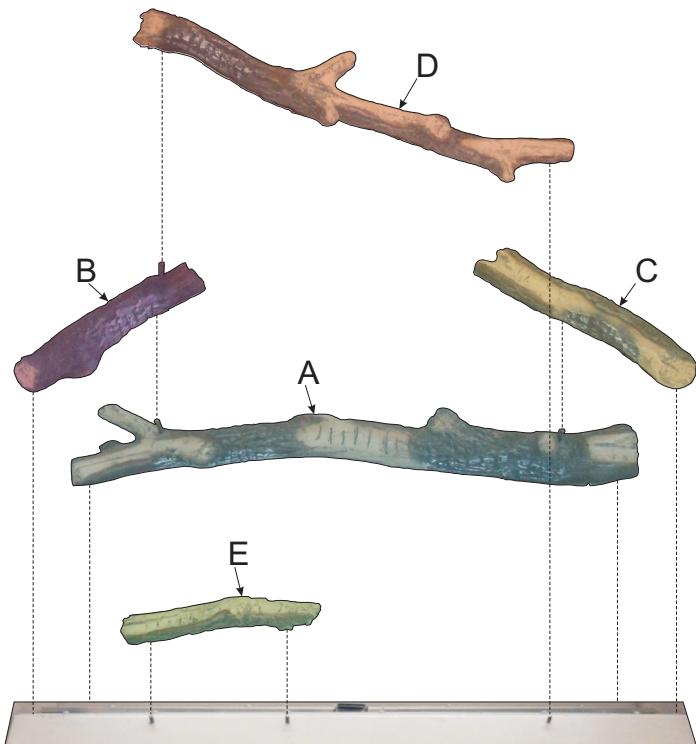
Before you begin: Do not handle these logs with your bare hands! Always wear gloves to prevent skin irritation. After handling logs, wash your hands gently with soap and water.

## All Logs

The positioning of the logs is critical to the safe and clean operation of this heater. Sooting and other problems may result if the logs are not properly and firmly positioned in the appliance.

**Refer to Figure 1 for the following warning.**

**Warning:** Failure to position the parts in accordance with this diagram or failure to use only parts specifically approved with this appliance may result in property damage or personal injury.



Log Placement - Figure 1

**Attention:** Refer to Page 4 Parts List and Parts View to order logs for your appropriate model number.

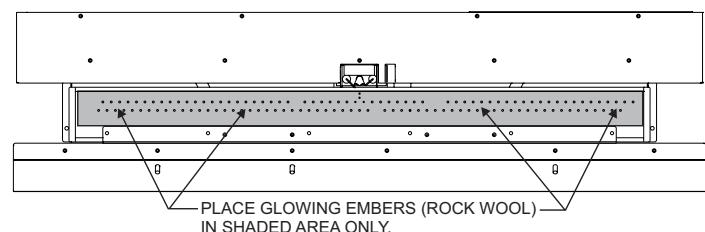
Glowing embers should be dime-sized pieces that are fluffed up prior to placement onto the burner. A single layer of glowing embers is sufficient; do not over-apply.

NOTE: Once the installation is complete with the log set and glowing embers in place, operate the fireplace to verify flame appearance. If there are flames directly impinging a log, turn off fireplace, then remove the glowing ember material directly below where the flame impingement occurred. This should eliminate sooting on the log, and provide a more pleasing flame appearance.

Replacement of glowing embers must be purchased from Empire Comfort Systems, Inc. Application of excess glowing embers may adversely affect performance of the heater. **WARNING:** All previously applied loose material must be removed prior to reapplication.

## Replacement glowing embers Part Number

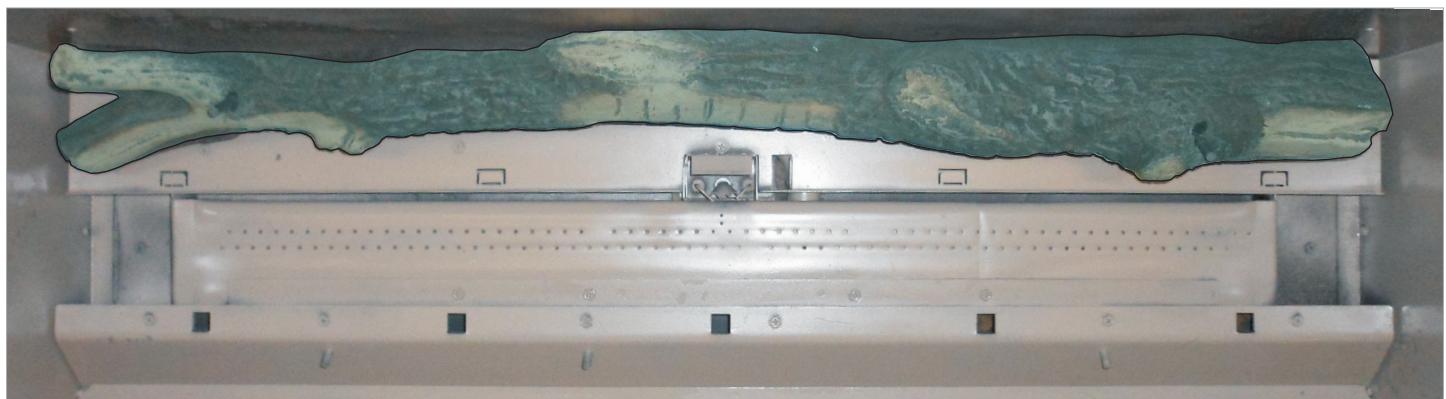
|         |       |
|---------|-------|
| LS41THF | 15999 |
|---------|-------|



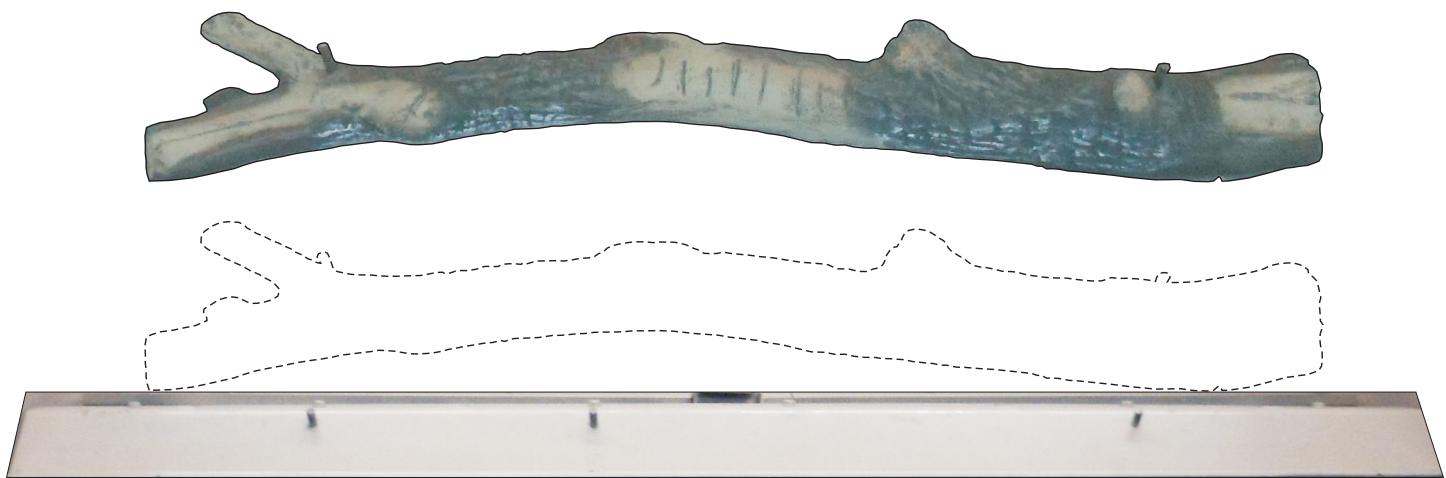
FRONT VIEW - COMPLETED LOG SET INSTALLATION (WITHOUT EMBERS)

## LOG PLACEMENT

1. Place the Rear Log (A) onto the rear of the burner cover so that it rests against the back of the firebox. Center the log so the ends of the log are approximately 1 inch from the sides of the firebox.  
Note: The back log may require some rotation so it rests against the rear wall of the firebox.



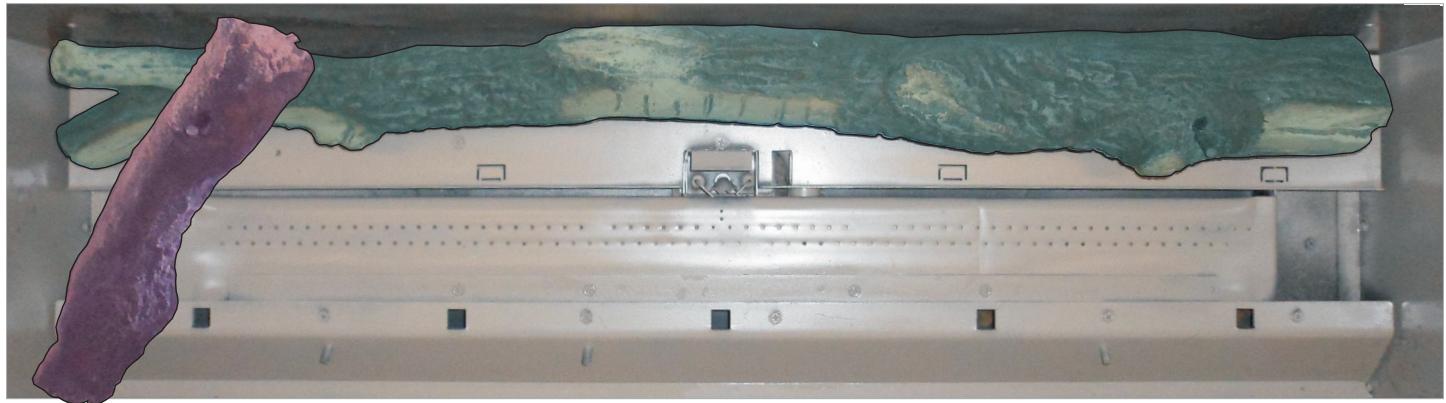
TOP VIEW



FRONT VIEW

## LOG PLACEMENT

2. Place Left Log (B) onto the left pin on the Rear Log (A) and angled down so that it rests on the front of the burner cover and against the left wall of the firebox.



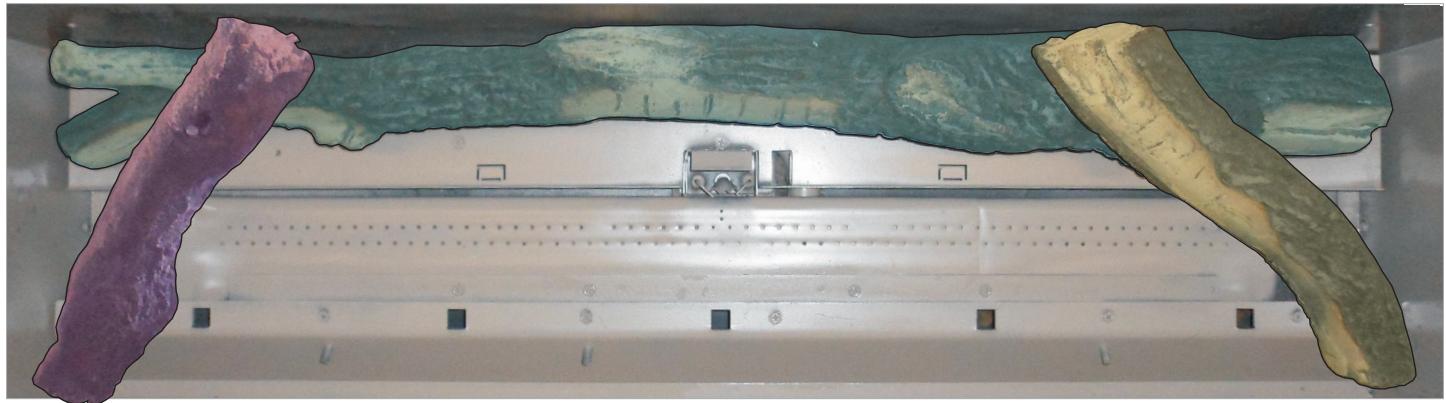
TOP VIEW



FRONT VIEW

## LOG PLACEMENT

3. Place Right Log (C) onto the right pin on the Rear Log (A) and angled down so that it rests on the front of the burner cover and against the right wall of the firebox.



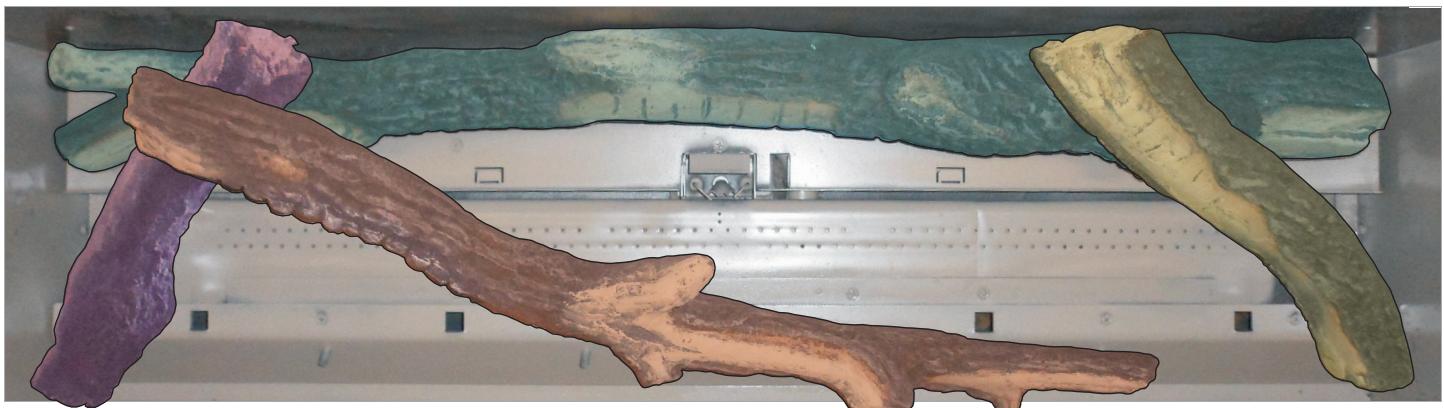
TOP VIEW



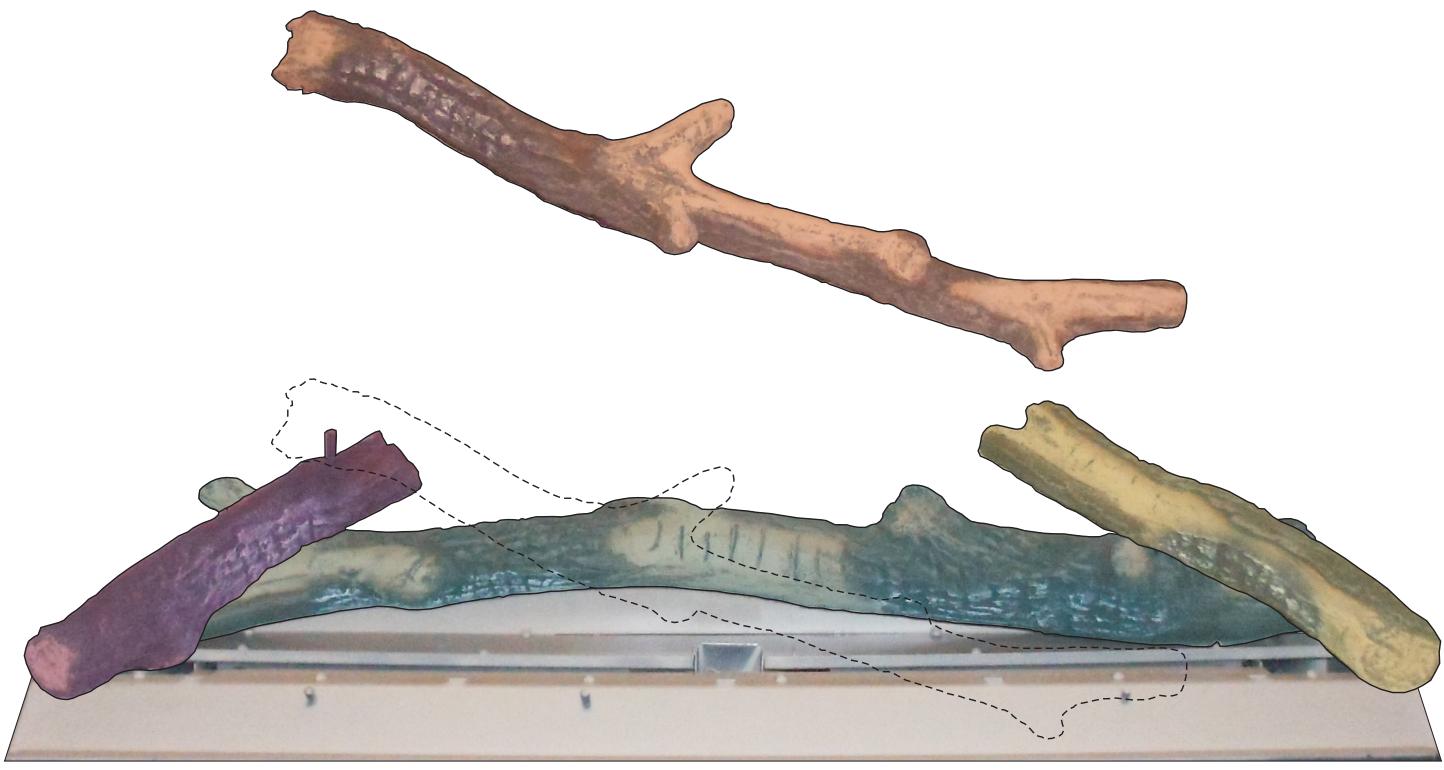
FRONT VIEW

## LOG PLACEMENT

4. Place Top Branch (D) onto the pin on the Left Log (B) and angled down so that it is pinned and rests on the front of the burner cover.



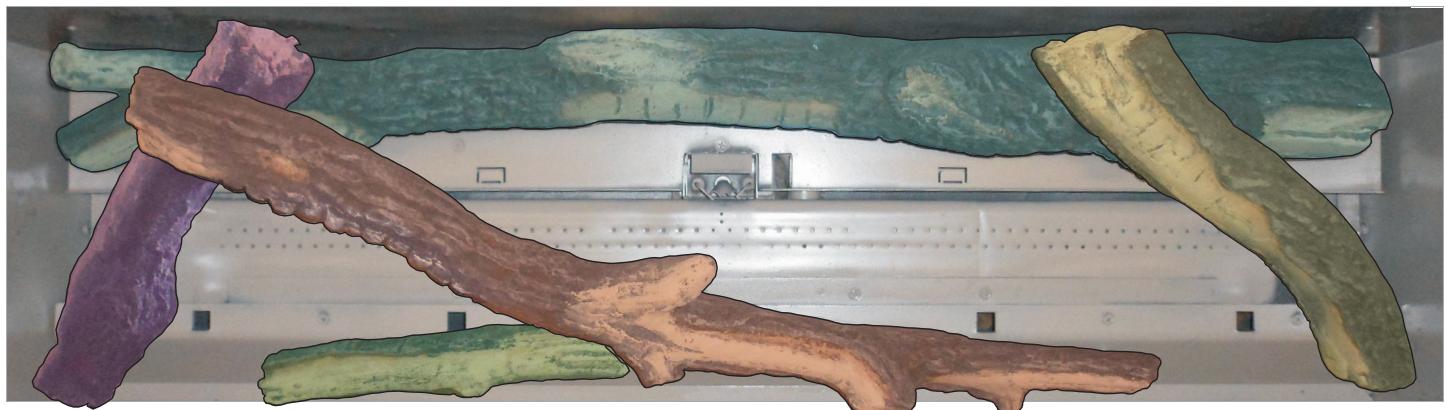
TOP VIEW



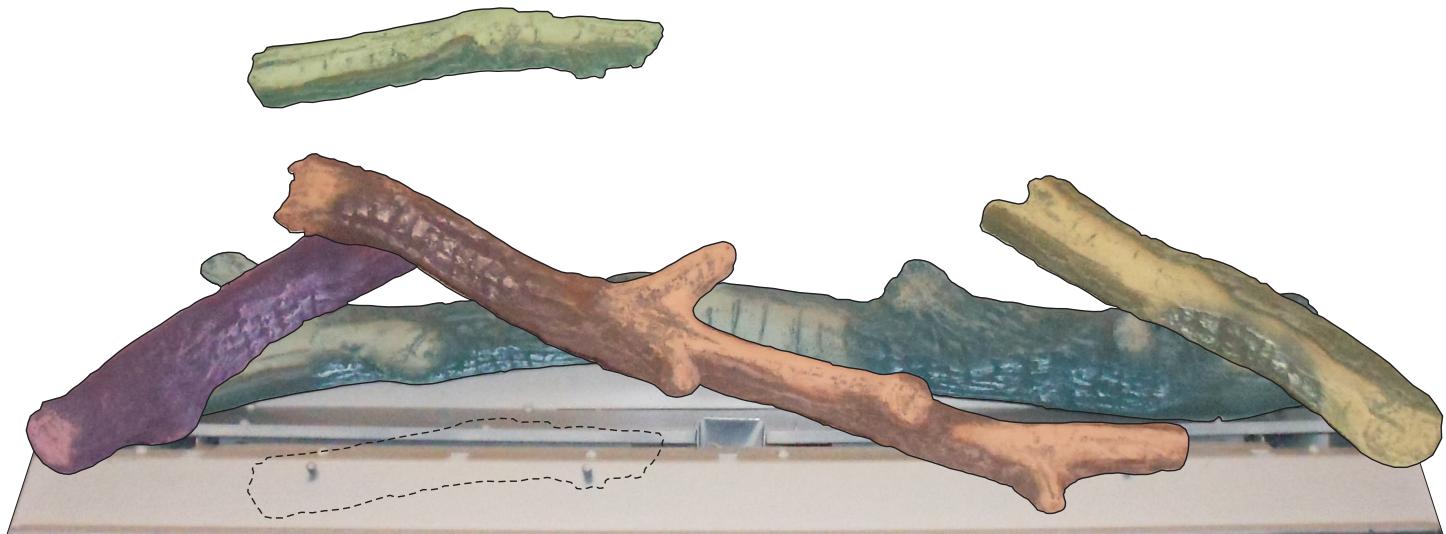
FRONT VIEW

## LOG PLACEMENT

5. Place Left Front Log (E) onto the left two pins on the burner cover.



TOP VIEW



FRONT VIEW

## MASTER PARTS DISTRIBUTOR LIST

To Order Parts Under Warranty, please contact your local Empire dealer. See the dealer locator at [www.empirecomfort.com](http://www.empirecomfort.com). To provide warranty service, your dealer will need your name and address, purchase date and serial number, and the nature of the problem with the unit.

To Order Parts After the Warranty Period, please contact your dealer or one of the Master Parts Distributors listed below. This list changes from time to time. For the current list, please click on the Master Parts button at [www.empirecomfort.com](http://www.empirecomfort.com). Please note: Master Parts Distributors are independent businesses that stock the most commonly ordered Original Equipment repair parts for Heaters, Grills, and Fireplaces manufactured by Empire Comfort Systems Inc.

### Dey Distributing

1401 Willow Lake Boulevard  
Vadnais Heights, MN 55101

**Phone:** 651-490-9191

**Toll Free:** 800-397-1339

**Website:** [www.deydistributing.com](http://www.deydistributing.com)

**Parts:** Heater, Hearth and Grills

### Victor Division of F. W. Webb Company

200 Locust Street  
Hartford, CT 06114

**Phone:** 860-722-2433

**Toll Free:** 800-243-9360

**Fax:** 860-293-0479

**Toll Free Fax:** 800-274-2004

**Websites:** [www.fwwebb.com](http://www.fwwebb.com) & [www.victormfg.com](http://www.victormfg.com)

**Parts:** Heater, Hearth and Grills

### East Coast Energy Products

10 East Route 36  
West Long Branch, NJ 07764

**Phone:** 732-870-8809

**Toll Free:** 800-755-8809

**Fax:** 732-870-8811

**Website:** [www.eastcoastenergy.com](http://www.eastcoastenergy.com)

**Parts:** Heater, Hearth and Grills

## HOW TO ORDER REPAIR PARTS

### Parts Not Under Warranty

Parts can be ordered through your Service Person, Dealer, or a Master Parts Distributor. See this page for the Master Parts Distributors list. For best results, the **service person or dealer** should order parts through the distributor. Parts can be shipped directly to the **service person/dealer**.

### Warranty Parts

Warranty parts will need a proof of purchase and can be ordered by your Service Person or Dealer. Proof of purchase is **required** for warranty parts.

All parts listed in the Parts List have a Part Number. When ordering parts, first obtain the Model Number and Serial Number from the name plate on your equipment. Then determine the Part Number (**not** the Index Number) and the Description of each part from the following illustration and part list. Be sure to give all this information . . .

Appliance Model Number \_\_\_\_\_ Part Description \_\_\_\_\_

Appliance Serial Number \_\_\_\_\_ Part Number \_\_\_\_\_

Type of Gas (Propane or Natural) \_\_\_\_\_

Do not order bolts, screws, washers or nuts. They are standard hardware items and can be purchased at any local hardware store.

Shipments contingent upon strikes, fires and all causes beyond our control.



Empire Comfort Systems Inc.  
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If you have a general question about our products, please e-mail us at  
[info@empirecomfort.com](mailto:info@empirecomfort.com).

If you have a service or repair question, please contact your dealer.

**[www.empirecomfort.com](http://www.empirecomfort.com)**