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# EMPIRE LS35DINF Owner's Manual

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SINCE 1932

# INSTALLATION INSTRUCTIONS AND OWNER'S MANUAL

## INSTALLER:

Leave this manual with the appliance.

## CONSUMER:

Retain this manual for future reference.

### ⚠ WARNING

#### FIRE OR EXPLOSION HAZARD

Failure to follow safety warnings exactly could result in serious injury, death or property damage.

- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- **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.
  - Leave the building immediately.
  - Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
  - If you cannot reach your gas supplier, call the fire department.
- Installation and service must be performed by a qualified installer, service agency or the gas supplier.

## LOG SET MODEL

### LS35DINF

For Use With DVCT35CBN-1  
Fireplace Inserts

GAS-FIRED



**NOTICE:** Ceramic logs may differ in appearance from those shown in this manual.

### ⚠ 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.

















NATIONAL  
FIREPLACE  
INSTITUTE








CERTIFIED  
[www.nficertified.org](http://www.nficertified.org)

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.

# LOG IDENTIFICATION

PART NO.	DESCRIPTION	DVCT35 LOG SET	
		FRONT	TOP
38784	EMBER BED (A)		
38788	MIDDLE LOG (B)		
38790	FRONT MIDDLE LOG (C)		
38787	MIDDLE RIGHT LOG (D)		
38789	FRONT LEFT BOTTOM LOG (E)		
38785	REAR LOG (F)		
38786	FRONT RIGHT BOTTOM LOG (G)		
38791	MIDDLE TOP RIGHT LOG (H)		

# LOG IDENTIFICATION

PART NO.	DESCRIPTION	DVCT35 LOG SET	
		FRONT	TOP
38792	TOP RIGHT LOG (I)		
38793	FRONT MIDDLE RIGHT BOTTOM LOG (J)		
38794	FRONT RIGHT BOTTOM LOG (K)		
38795	FRONT FAR LEFT TOP LOG (L)		
38796	FRONT MIDDLE LEFT BOTTOM LOG (M)		
38797	FRONT LEFT BOTTOM LOG (N)		
36747	Coals (100)		

# LOG AND EMBER PLACEMENT

**NOTICE:** Install liners before logs. See separate Liner Installation instructions for details.

## ⚠ CAUTION

Do not handle these logs with your bare hands. Always wear gloves to prevent skin irritation from ceramic fibers. After handling the logs, wash your hands gently with soap and water to remove any trace of fibers.

### Accessing the Interior of the Fireplace

See Installation Manual for instruction on how to remove the barrier screen and glass door.

### Log Set Installation

Proper positioning of the logs is critical to the safe and clean operation of this fireplace. Improper log placement may cause sooting and other problems in the fireplace. Please refer to **Figure 1** and the following warning to complete log placement.

## ⚠ WARNING

Failure to position the parts in accordance with this diagram or failure to use only parts approved for this fireplace may result in property damage or personal injury.

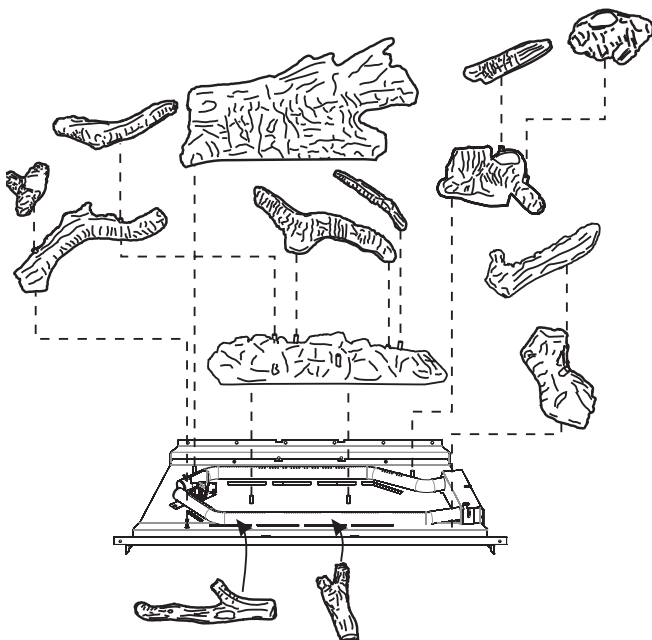


Figure 1

### Glowing Embers Information

1. Carefully separate the ember material into small amounts (no larger than "quarter-size" pieces).
  - a. Fluffed up pieces of ember material one layer thick will produce the best ember glow. Do not place more than one layer of ember material onto the burner. Excess ember material will decrease the ember glow effect.
  - b. Save any remaining ember material for future applications (as needed).

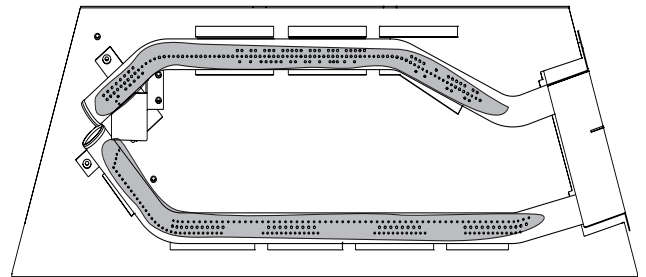


Figure 2

### Coal Information

1. Coals may be placed along the front burner as shown in **Figure 3**. Coals may not be placed over burner ports.

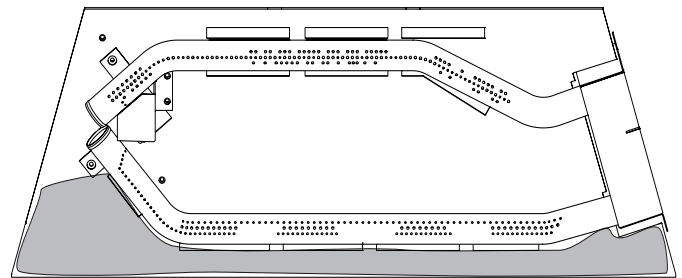
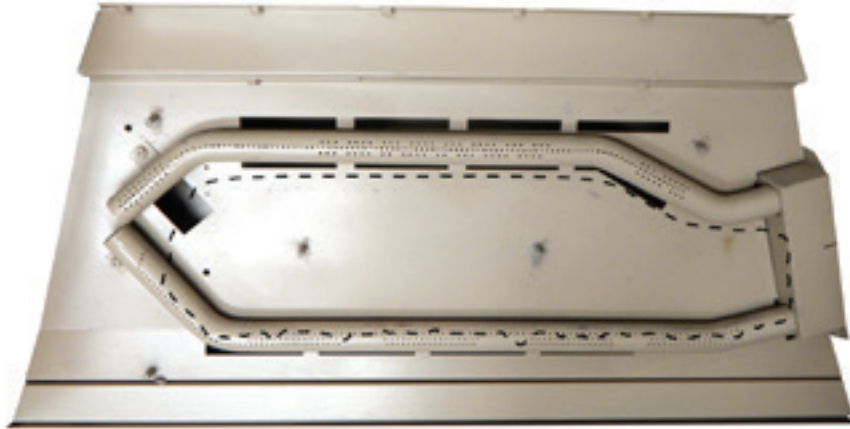


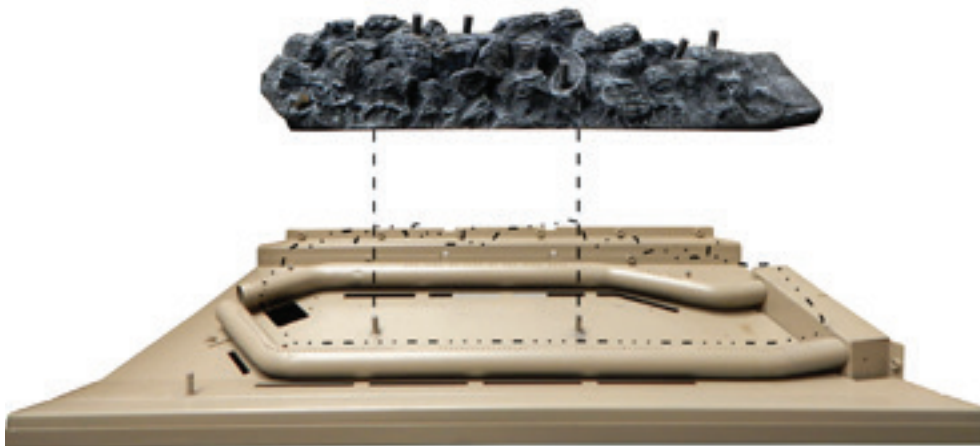
Figure 3

# LOG AND EMBER PLACEMENT

1. Place the large charred **Ember Bed A** onto burner base pins 3 and 4 between the front and rear burner tubes.



TOP VIEW



FRONT VIEW

# LOG PLACEMENT

2. Place **Log B** onto burner base pin 2 located on rear far right.



TOP VIEW



FRONT VIEW

# LOG PLACEMENT

3. Place **Log C** onto burner base pin 1 located behind the rear burner tube on left.



TOP VIEW



FRONT VIEW



# LOG PLACEMENT

4. Place **Log D** onto burner base and air shutter box located on front far right.



TOP VIEW



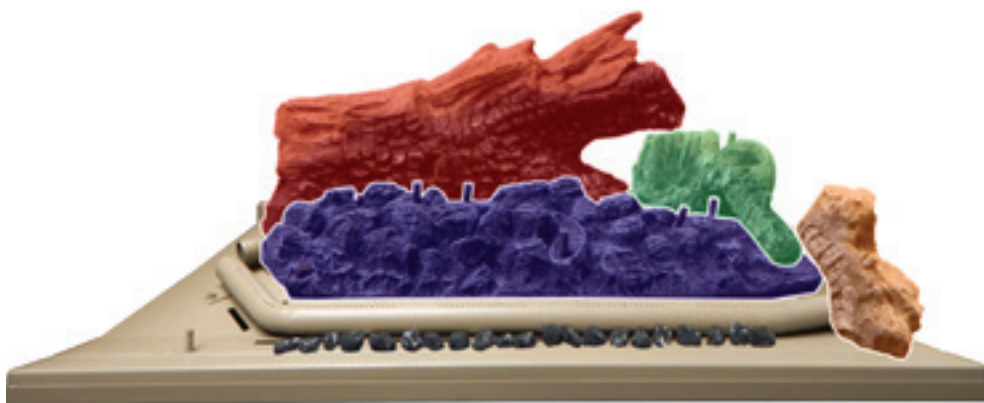
FRONT VIEW

# DECORATIVE ROCK PLACEMENT

5. Place **Decorative Rocks** across burner base in front of the burner tube. DO NOT cover the burner tube ports.



TOP VIEW



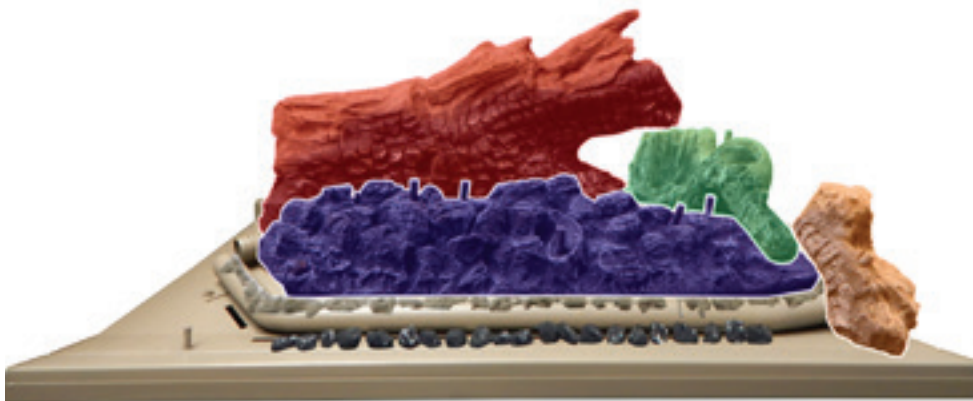
FRONT VIEW

# GLOWING EMBER PLACEMENT

6. Place the **Glowing Embers** on the burner tubes covering all ports. Place embers on **Ember Bed A** as shown. You may press some embers onto the front side of **Log C** to help create glow when the fire is burning.



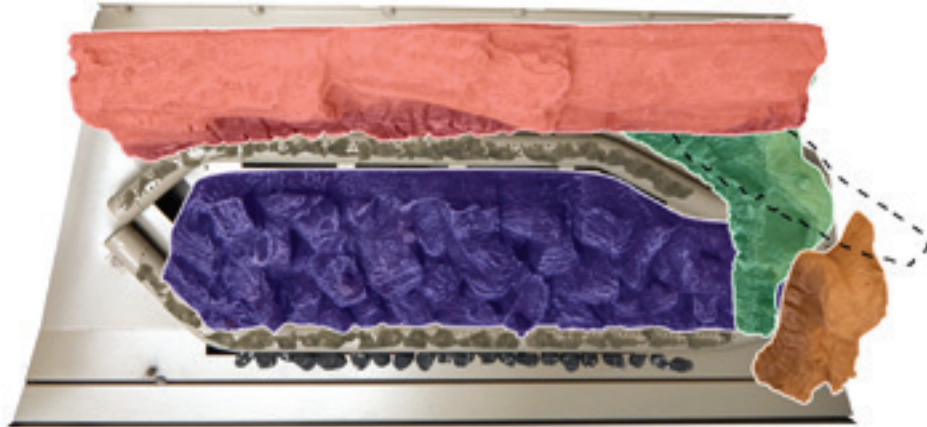
TOP VIEW



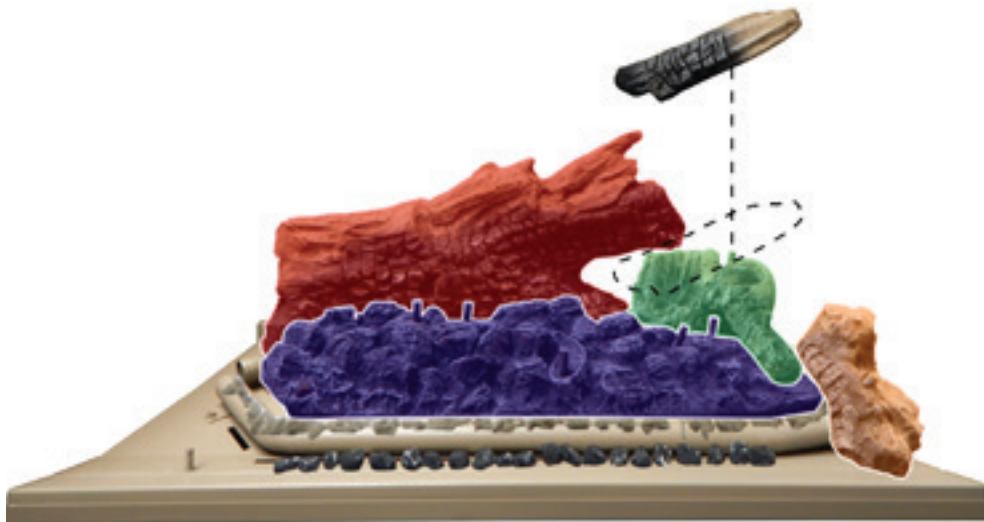
FRONT VIEW

# LOG PLACEMENT

7. Place **Log E** onto **Log B** pin **Log B** has 2 pins, use the rear pin.



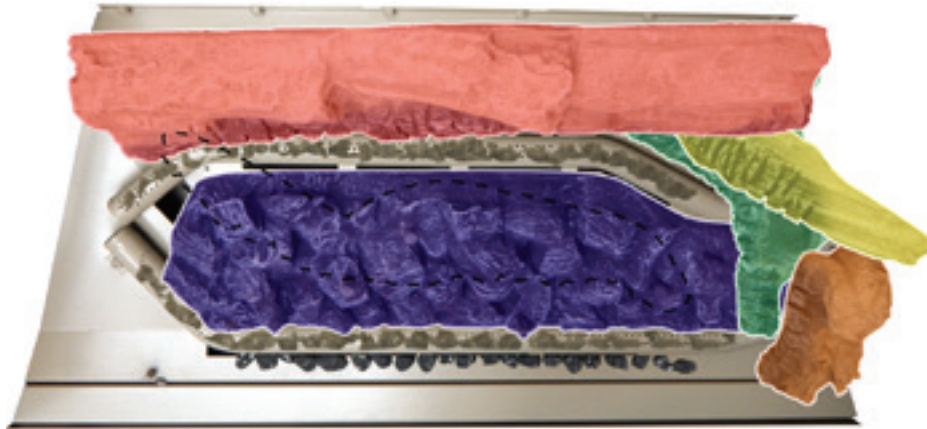
TOP VIEW



FRONT VIEW

# LOG PLACEMENT

- Place **Log F** on the **Ember Bed A** onto pins 2 and 4.



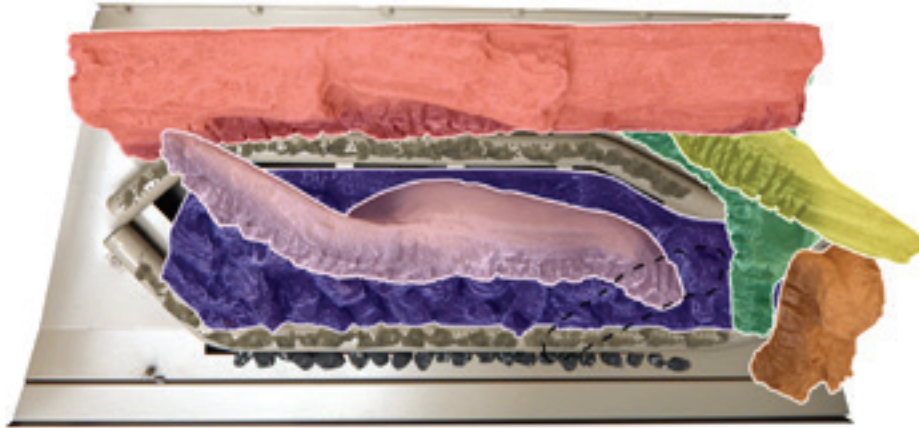
TOP VIEW



FRONT VIEW

# LOG PLACEMENT

- Place **Log G** on the **Ember Bed A** onto pin 5.



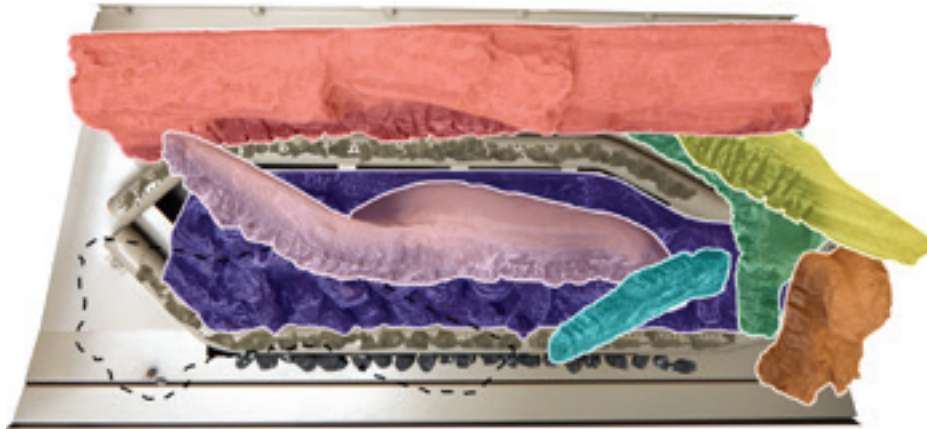
TOP VIEW



FRONT VIEW

# LOG PLACEMENT

10. Place **Log H** onto **Ember Bed A** pins 1 located on left then on burner base pin 5.



TOP VIEW



FRONT VIEW

# LOG PLACEMENT

11. Place **Log I** onto **Log B** pin. **Log B** has 2 pins. Use the front pin.



TOP VIEW



FRONT VIEW



# LOG PLACEMENT

12. Place **Log J** onto **Log H** pin. **Log H** has 2 pins. Use the rear pin.



TOP VIEW



FRONT VIEW

# LOG PLACEMENT

13. Place **Log K** onto **Log D** pin.



TOP VIEW



FRONT VIEW

# LOG PLACEMENT

14. Place **Log L** on the **Ember Bed A** onto pin 3.



TOP VIEW



FRONT VIEW

# LOG PLACEMENT

15. Place **Log M** into gap of **Log H** and front burner located on front left. You may need to slightly lift **Log H**.



TOP VIEW



FRONT VIEW

# LOG PLACEMENT

16. Place **Log N** onto **Log H** pin. **Log H** has 2 pins. Use the front pin.



TOP VIEW



FRONT VIEW

## ADDITIONAL ROCK & EMBER PLACEMENT

17. Place additional **Decorative Rocks** and **Embers** in any empty areas around the burner as desired. DO NOT cover burner ports. The log set is complete.



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.deyistributing.com](http://www.deyistributing.com)

**Parts:** Heater, Hearth and Grills

## 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. These standard hardware items can be purchased at any local hardware store.







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**Empire Comfort Systems Inc.**  
**Belleville, IL**

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)**