

# INSTALLATION INSTRUCTIONS

(SEE HOMEOWNER MANUAL FOR OPERATING INSTRUCTIONS)

## INSTALLER:

Leave this manual with the appliance.

## CONSUMER:

Retain this manual for future reference.

## LOG SET MODEL

**LS50TINF**

For Use With  
DVCT50 Fireplaces



### ⚠ 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.



**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.



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

| DVCT50<br>PART# | FRONT                                                                                          | TOP                                                                                              |
|-----------------|------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| 40355           | <br>Log (A)   | <br>Log (A)   |
| 40356           | <br>Log (B)   | <br>Log (B)   |
| 40357           | <br>Log (C)   | <br>Log (C)   |
| 40358           | <br>Log (D)   | <br>Log (D)   |
| 40359           | <br>Log (E)  | <br>Log (E)  |
| 40360           | <br>Log (F) | <br>Log (F) |
| 40361           | <br>Log (G) | <br>Log (G) |
| 40362           | <br>Log (H) | <br>Log (H) |
| 40363           | <br>Log (I) | <br>Log (I) |

**USE ONLY MANUFACTURER'S REPLACEMENT PARTS. USE OF ANY OTHER PARTS COULD CAUSE INJURY OR DEATH.**

**Attention:** When ordering parts, it is very important that **part number** and **description** of part coincide.

# LOG IDENTIFICATION

| DVCT50<br>PART# | FRONT                                                                                              | TOP                                                                                              |
|-----------------|----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| 40364           | <br>Log (J)       | <br>Log (J)   |
| 40365           | <br>Log (K)       | <br>Log (K)   |
| 40366           | <br>Log (L)       | <br>Log (L)   |
| 40367           | <br>Log (M)       | <br>Log (M)   |
| 40368           | <br>Log (N)     | <br>Log (N)  |
| 40369           | <br>Log (O)     | <br>Log (O) |
| 40370           | <br>Log (P)     | <br>Log (P) |
| 40371           | <br>Log (Q)     | <br>Log (Q) |
| 36747           | <br>Coals (100) |                                                                                                  |

**USE ONLY MANUFACTURER'S REPLACEMENT PARTS. USE OF ANY OTHER PARTS COULD CAUSE INJURY OR DEATH.**

**Attention:** When ordering parts, it is very important that **part number** and **description** of part coincide.

# LOG AND EMBER PLACEMENT

**NOTE:** Install liners before logs. See separate Liner Installation manual 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 Homeowners Manual for instruction on how to remove the barrier screen and glass door.

### Log Set Installation

The positioning of the logs is critical to the safe and clean operation of this fireplace. Sooting and other problems may result if the logs are not properly and firmly positioned in the fireplace. Please refer to **(Figure 1)** and the following WARNING when completing log placement instructions. For step by step log placement instructions, **(See Pages 5 - 21)**.

## ⚠ WARNING

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

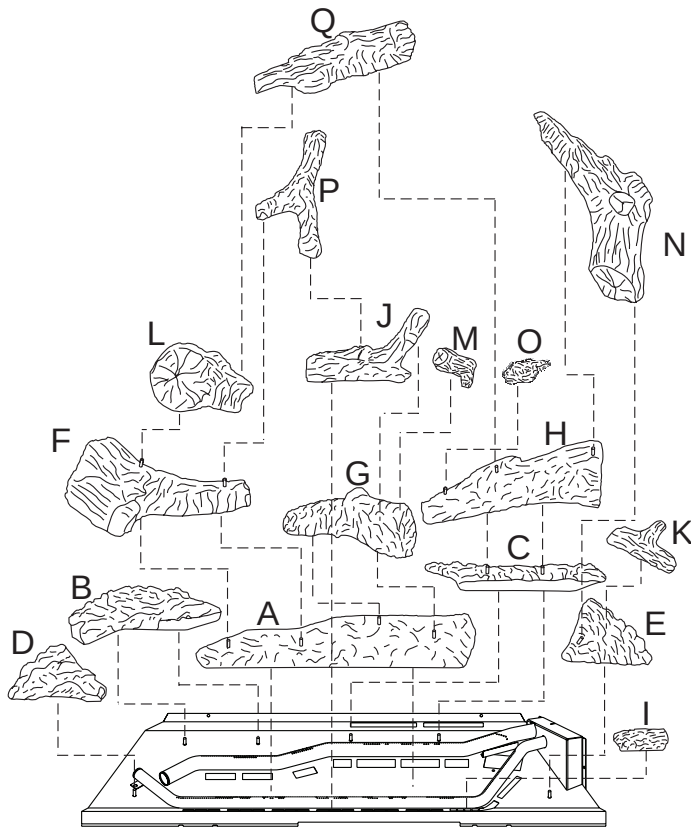


Figure 1

### Burner Pin Location

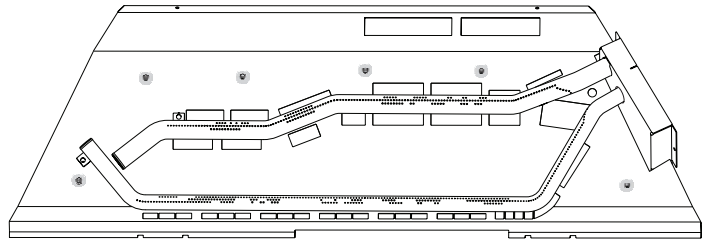


Figure 2

### Glowing Embers Information

1. Carefully separate the ember material into small amounts (no larger than "dime-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).

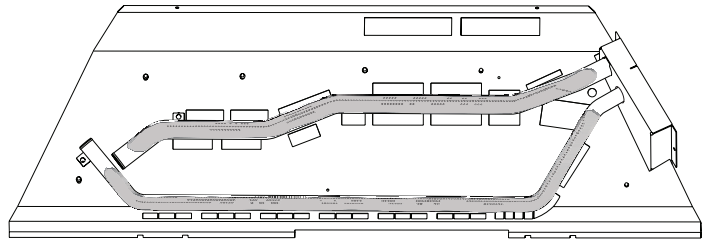
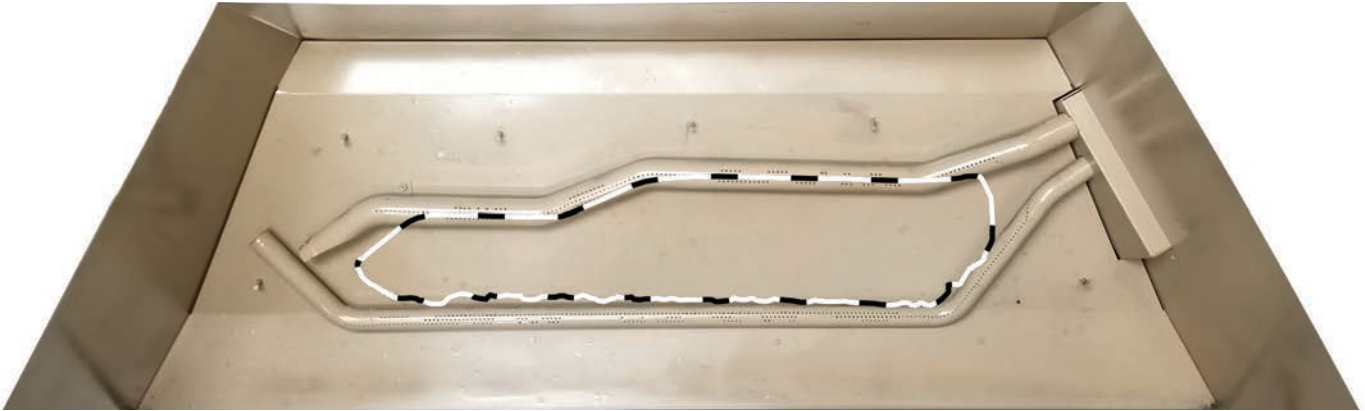


Figure 3

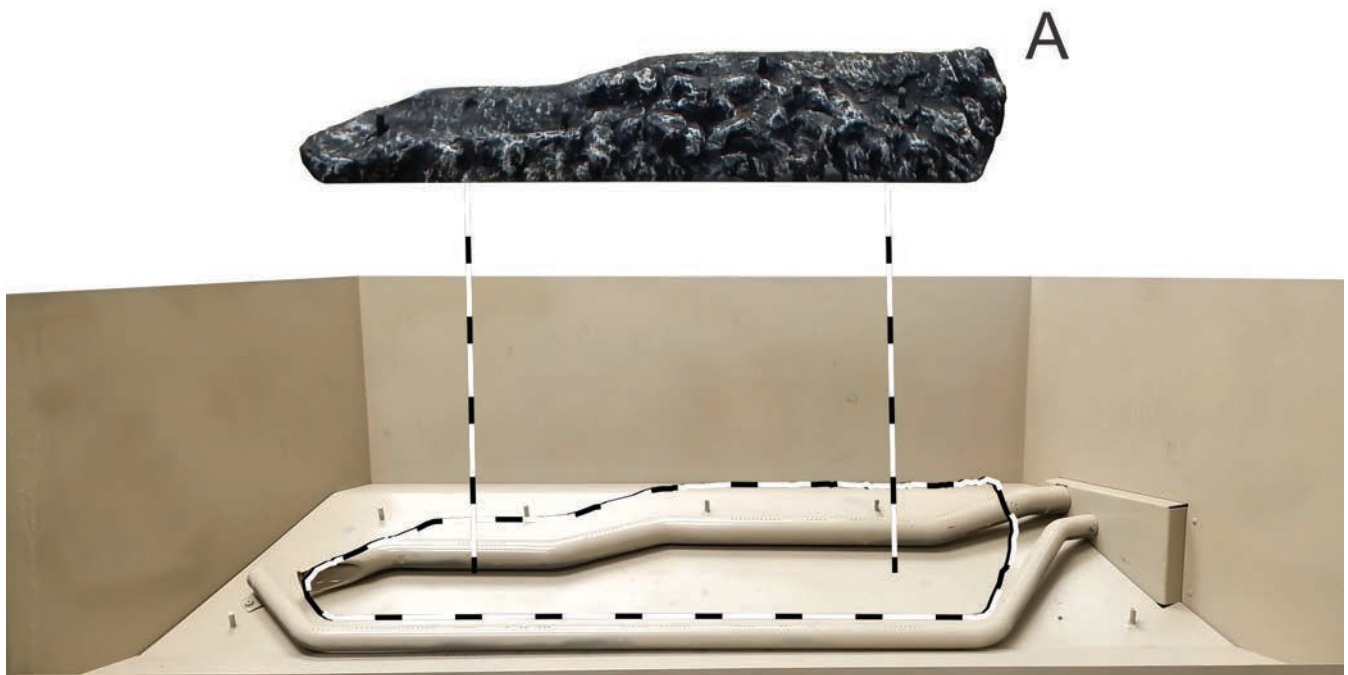
Video of log installation available on our website at:  
[www.empirecomfort.com](http://www.empirecomfort.com).

# LOG AND EMBER PLACEMENT

1. Place large charred **Ember Bed (A)** onto burner base and front and rear ember bed center burner tubes.



TOP



FRONT

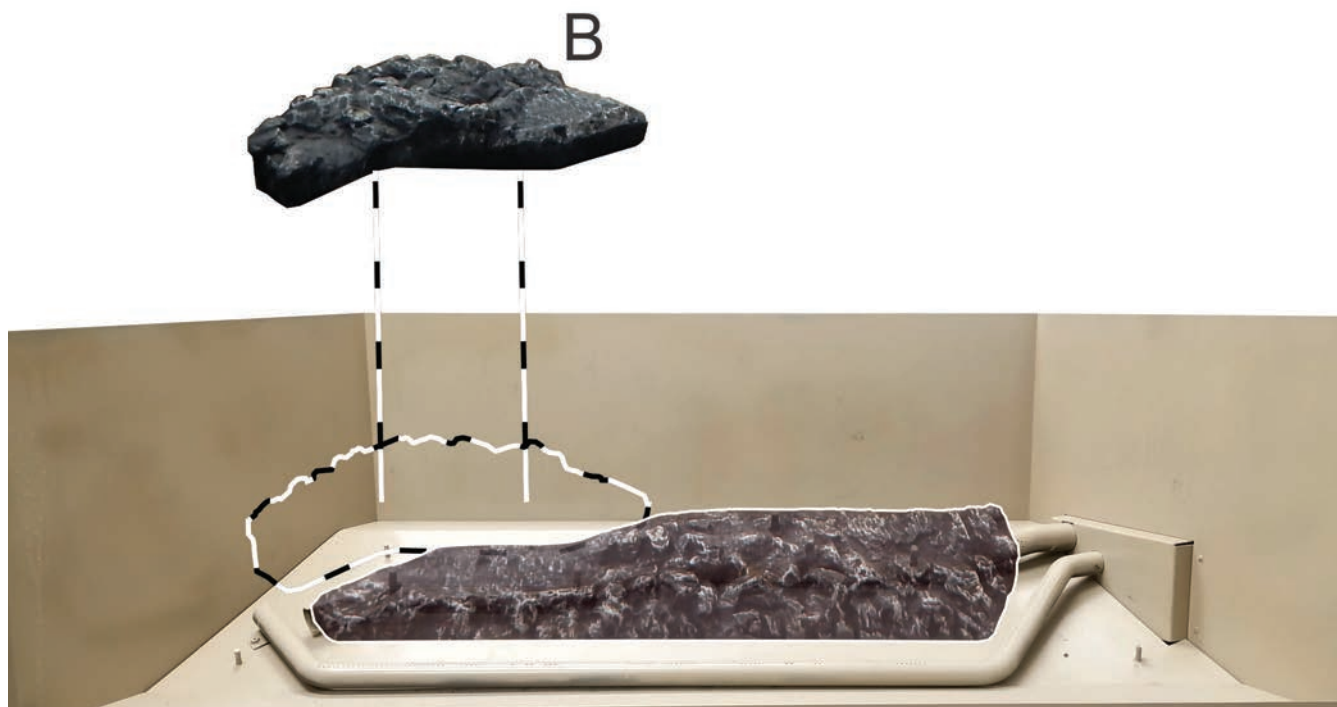


# LOG PLACEMENT

2. Place **Ember Piece (B)** on left rear of the burner base and onto **Pins 2 and 3** on left rear.



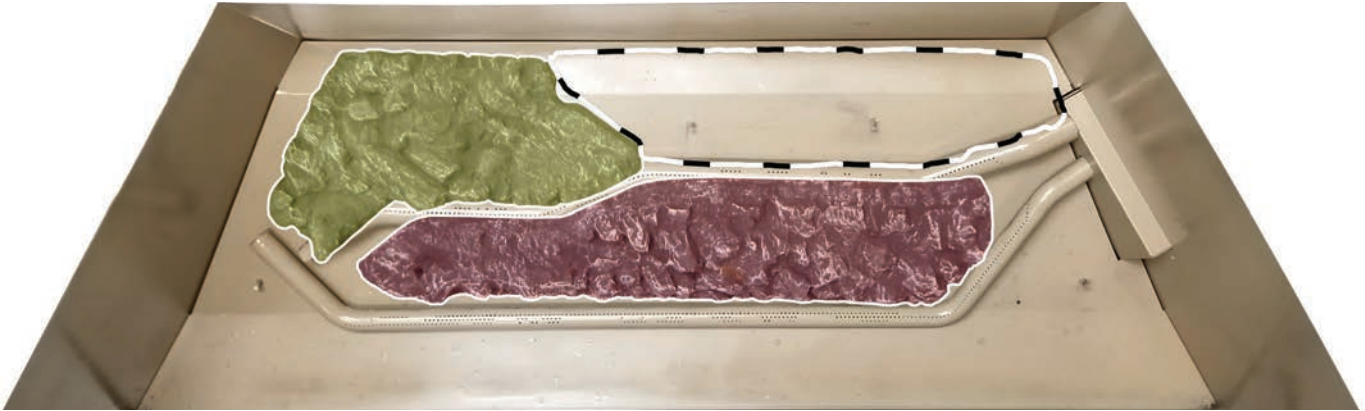
TOP



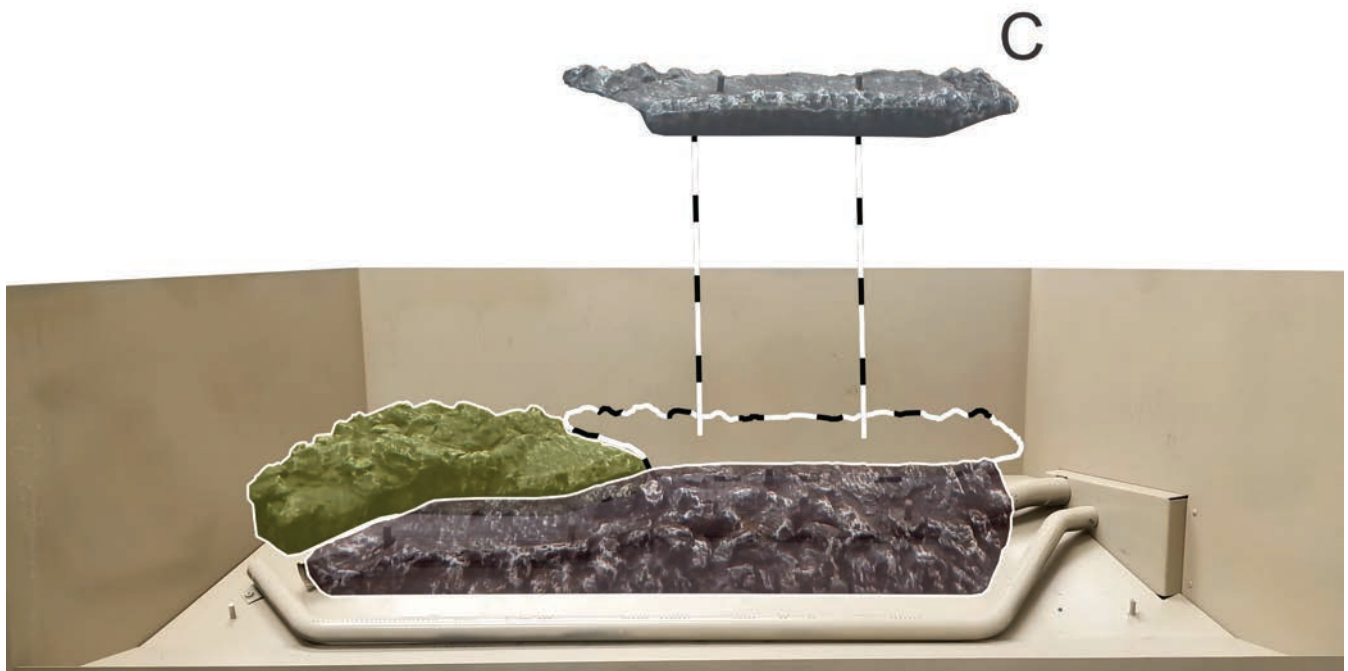
FRONT

# LOG PLACEMENT

3. Place **Ember Piece (C)** on right rear of the burner base and onto **Pins 4 and 5** on right rear.



TOP



FRONT

# LOG PLACEMENT

4. Place **Ember Piece (D)** on left front of burner base and onto **Pin 1** on left front.



TOP



FRONT



# LOG PLACEMENT

5. Place **Ember Piece (E)** on right front of burner base and onto **Pin 6** on right front.



TOP



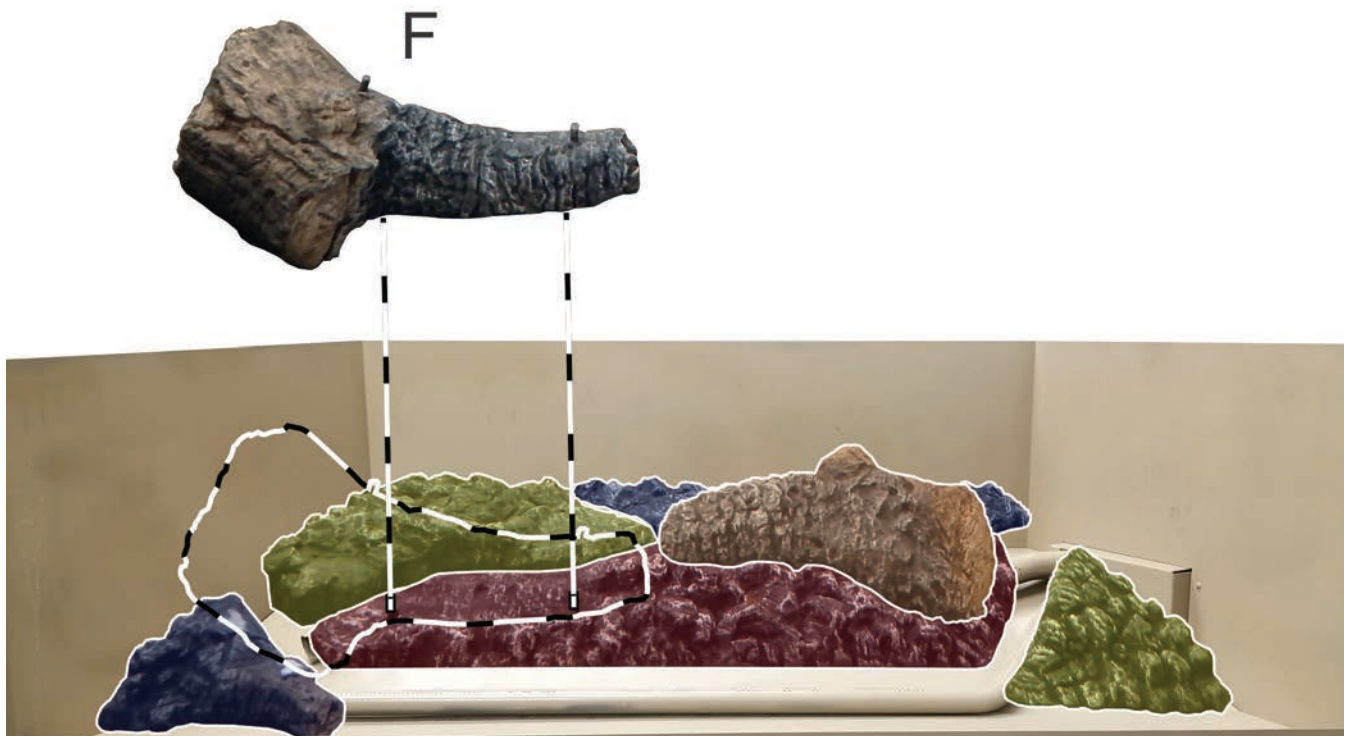
FRONT

# LOG PLACEMENT

6. Place **Log (F)** onto **Ember Bed (A)** Pins 1 and 2 located on left side and left front.



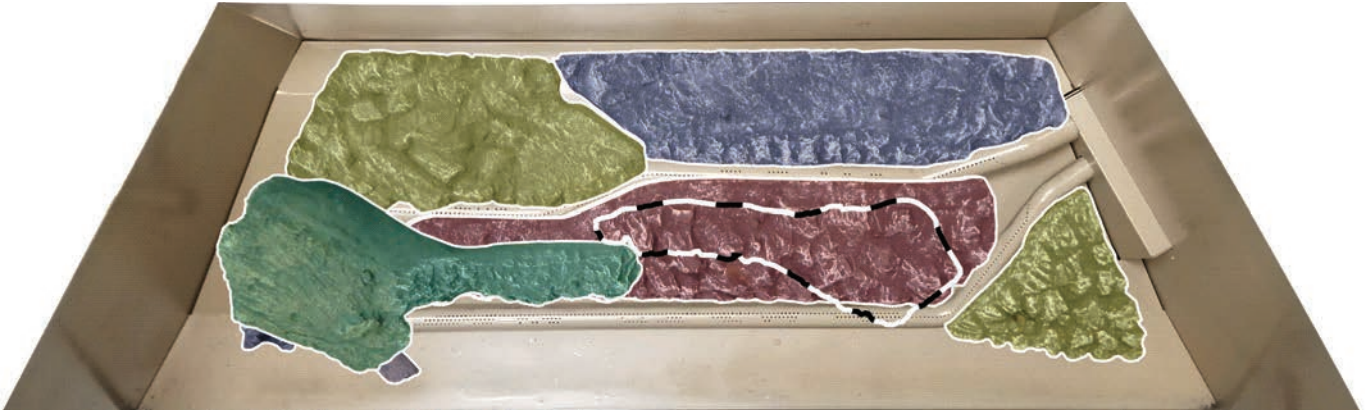
TOP



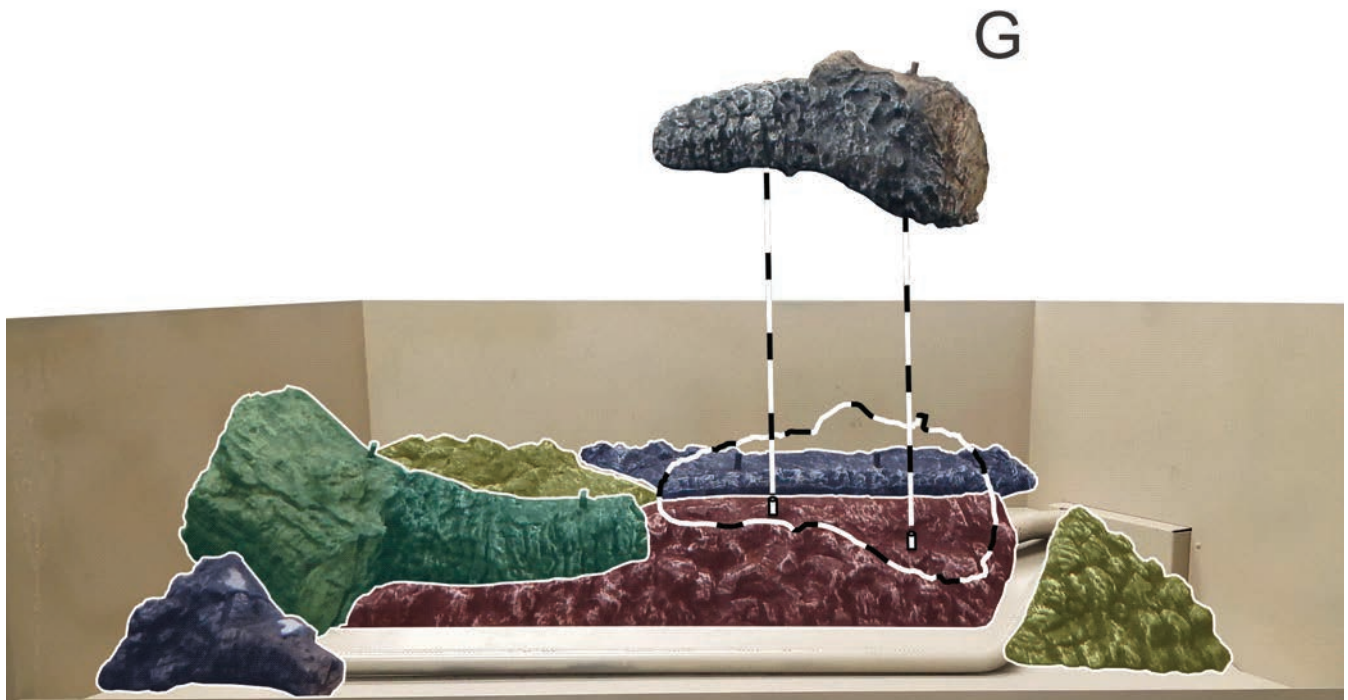
FRONT

# LOG PLACEMENT

7. Place **Log (G)** onto burner base **Pins 3 and 4** located on right side and right center.



TOP

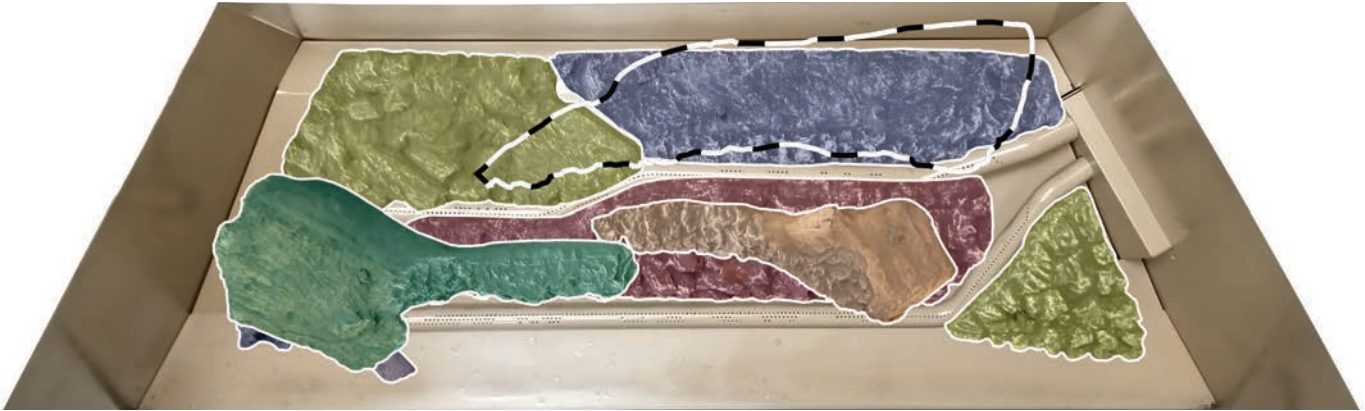


FRONT

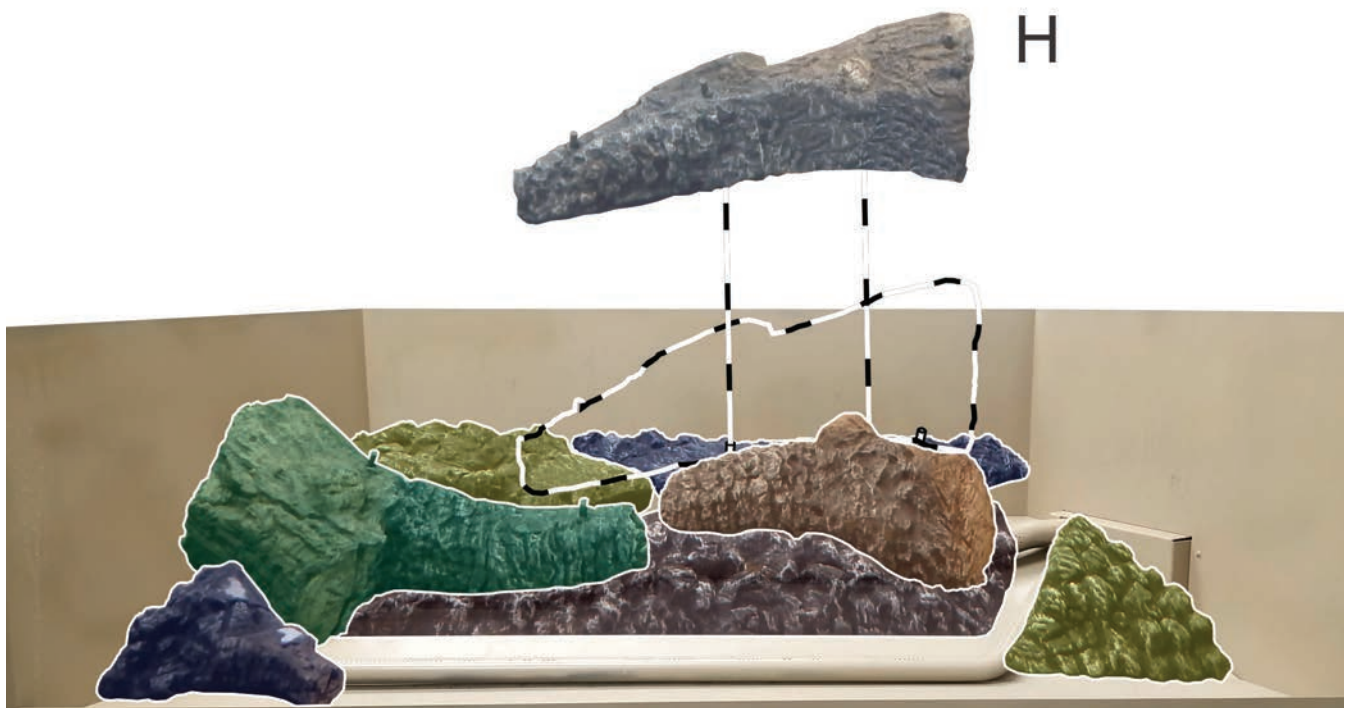


# LOG PLACEMENT

8. Place **Log (H)** onto two pins of **Ember Piece (C)** on rear center.



TOP



FRONT

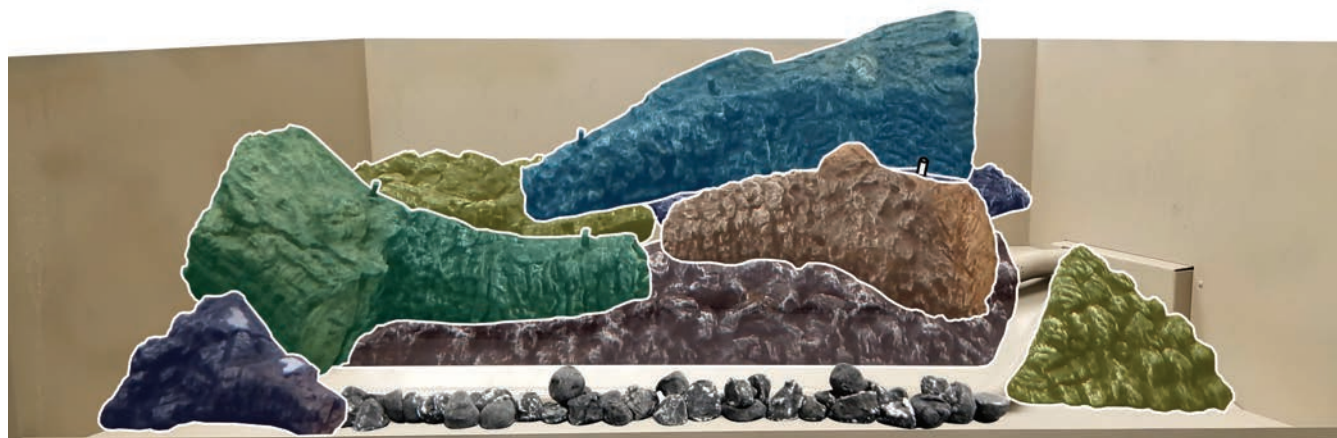


## LOG PLACEMENT

9. Place decorative rocks across burner base in front of the burner tube. Do not cover the burner tube ports.



**TOP**



**FRONT**

## LOG PLACEMENT

10 Place the **Glowing Embers** on the burner tubes covering all ports. Place embers on **Ember Bed (A)** as shown.



TOP



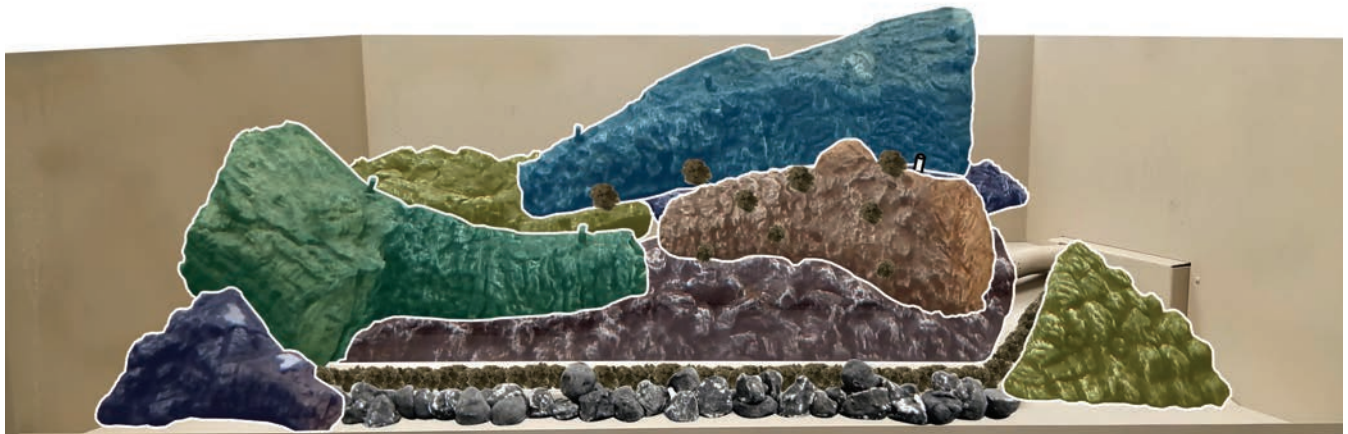
FRONT

# LOG PLACEMENT

11. You may press some embers onto the front side of **Logs G and H** to help create glow when the fire is burning.



TOP



FRONT



# LOG PLACEMENT

12. Place **Log (I)** onto front bottom right liner in front of front burner tube on front right.



TOP

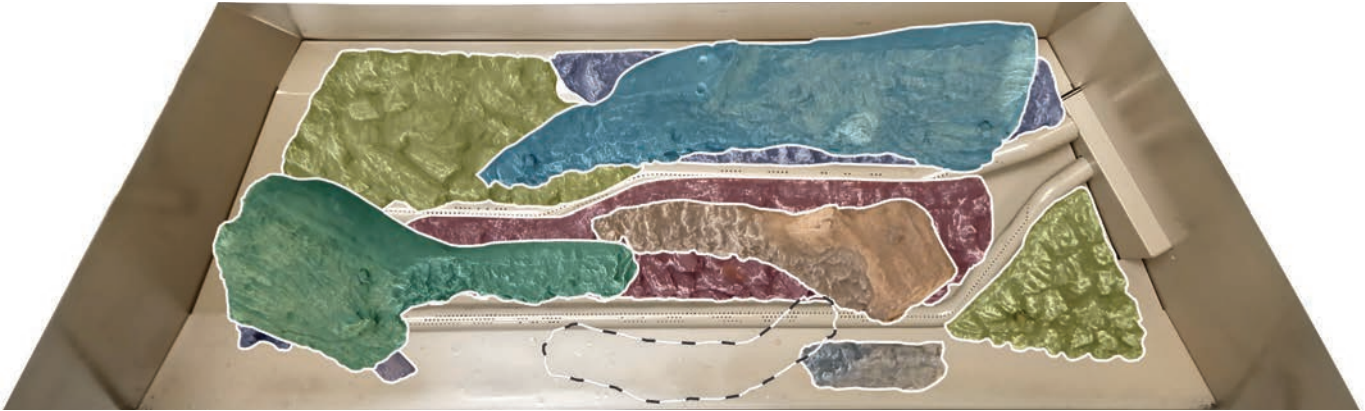


FRONT

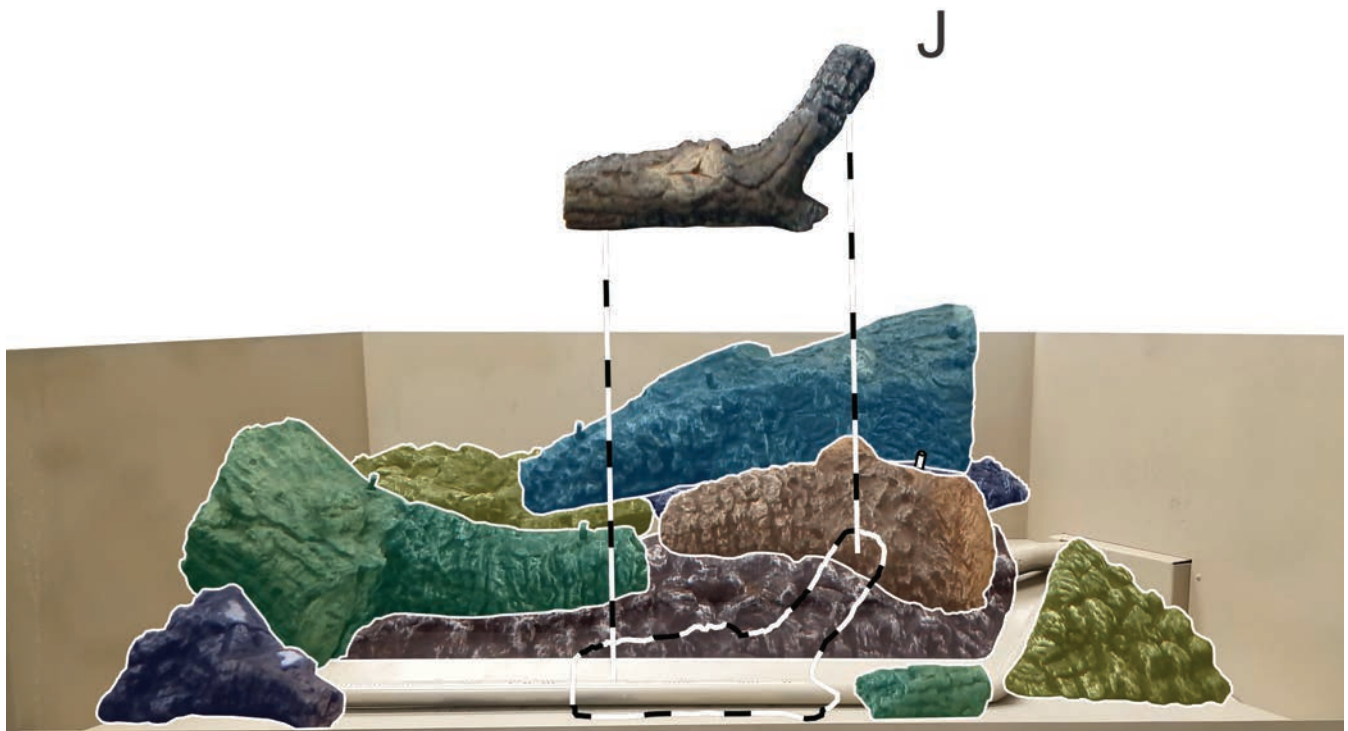


# LOG PLACEMENT

13. Place **Log (J)** onto front bottom center liner in front of front burner tube on front center.



TOP



FRONT

# LOG PLACEMENT

14. Place **Log (K)** onto orifice air box located on far right.



TOP



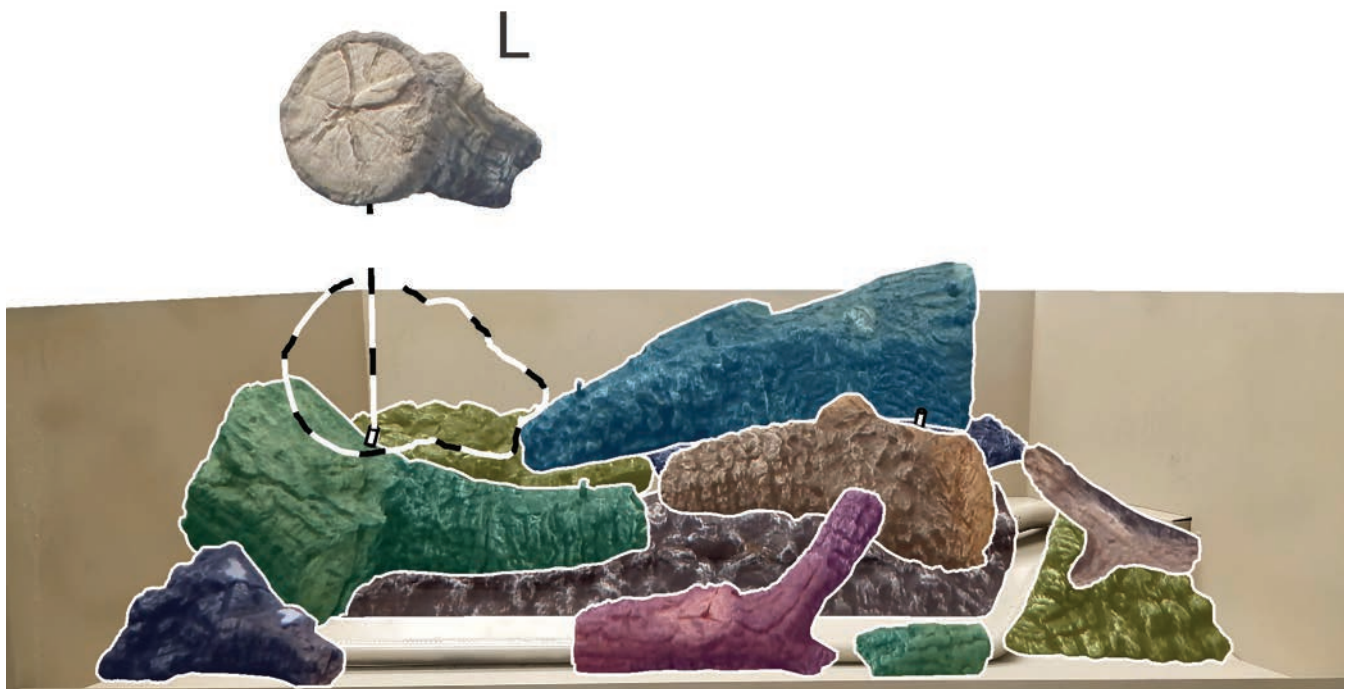
FRONT

# LOG PLACEMENT

15. Place **Log (L)** onto left pin of **Log (F)** and onto **Ember Piece (B)** on left top.



TOP



FRONT



# LOG PLACEMENT

16. Place **Log (M)** onto pin on **Log (G)**, located on right of **Log (G)** and right chunk.



TOP



FRONT

# LOG PLACEMENT

17. Place **Log (N)** onto pin on **Ember Piece (E)** and **Log (G)**, located on far right top.



TOP

N



FRONT

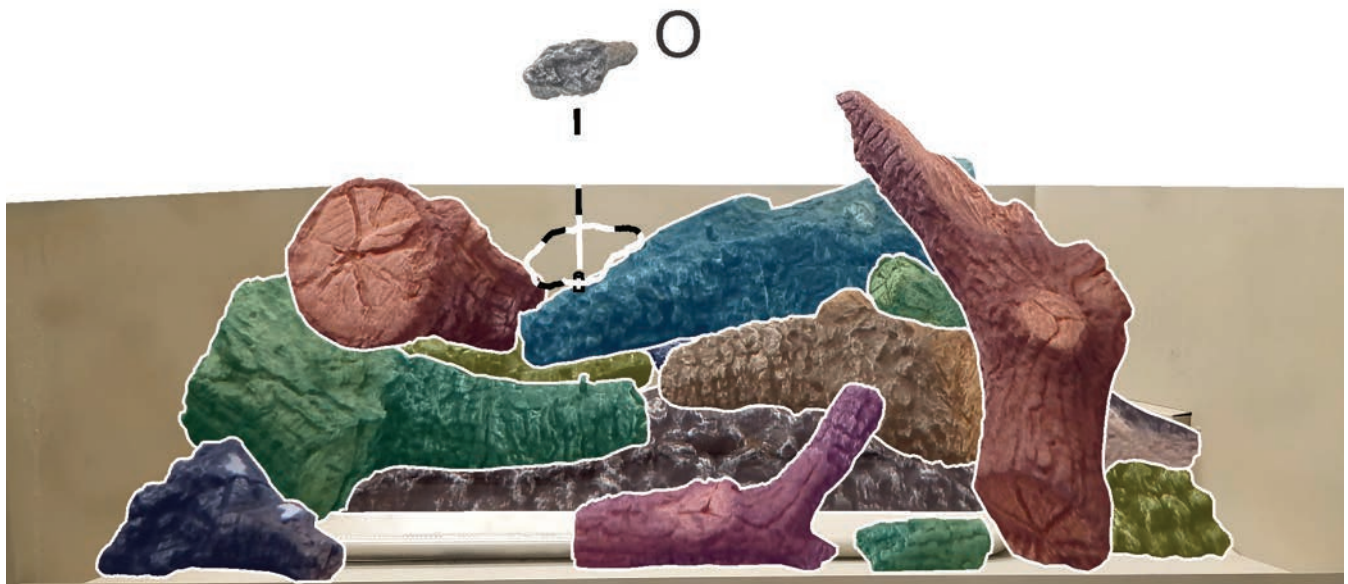


# LOG PLACEMENT

18. Place **Log (O)** onto pin on **Log (H)**, located on left of **Log (H)** and left chunk.



TOP



FRONT

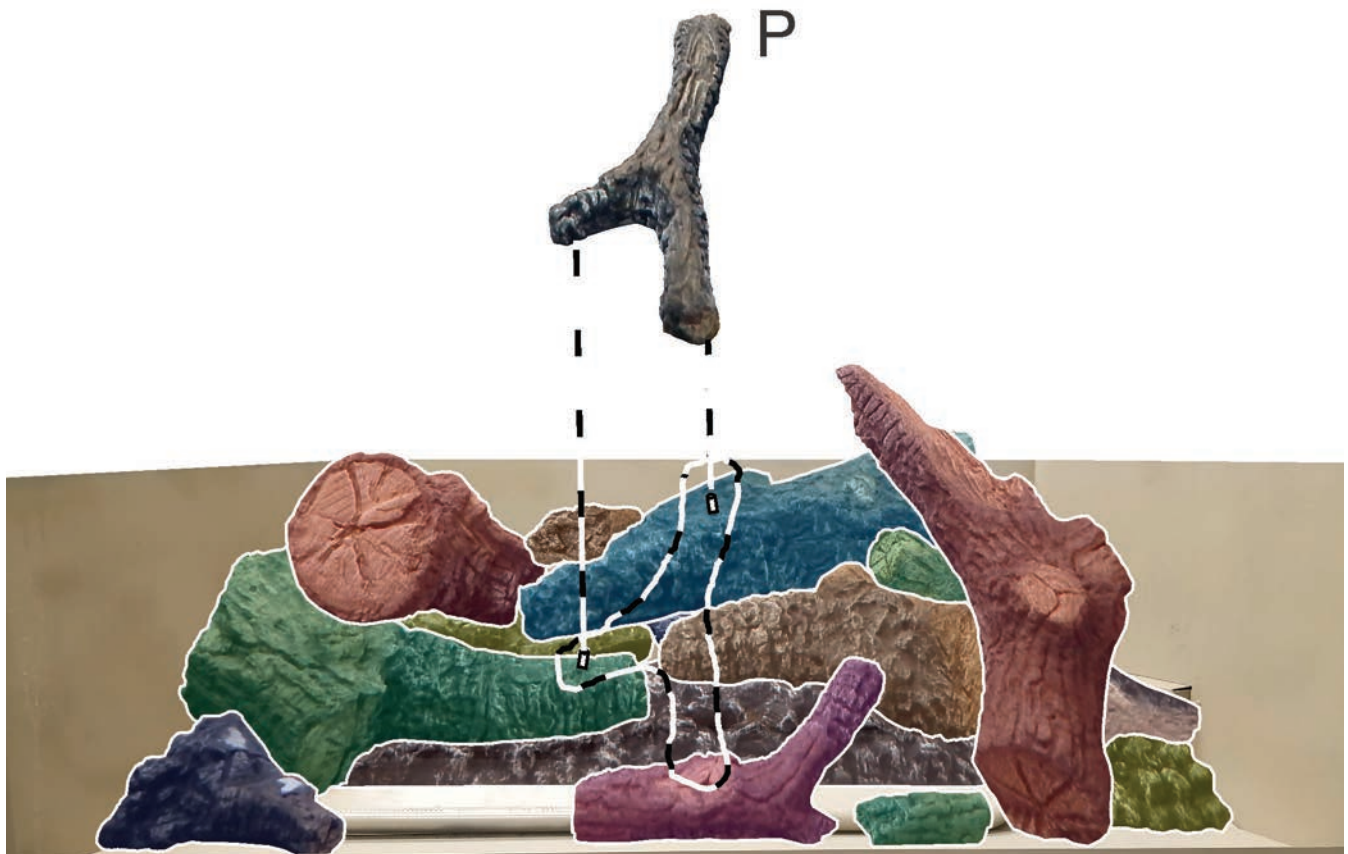


# LOG PLACEMENT

19. Place **Log (P)** onto pin on **Log (H)** and **(F)**, located in center on center Y.



TOP



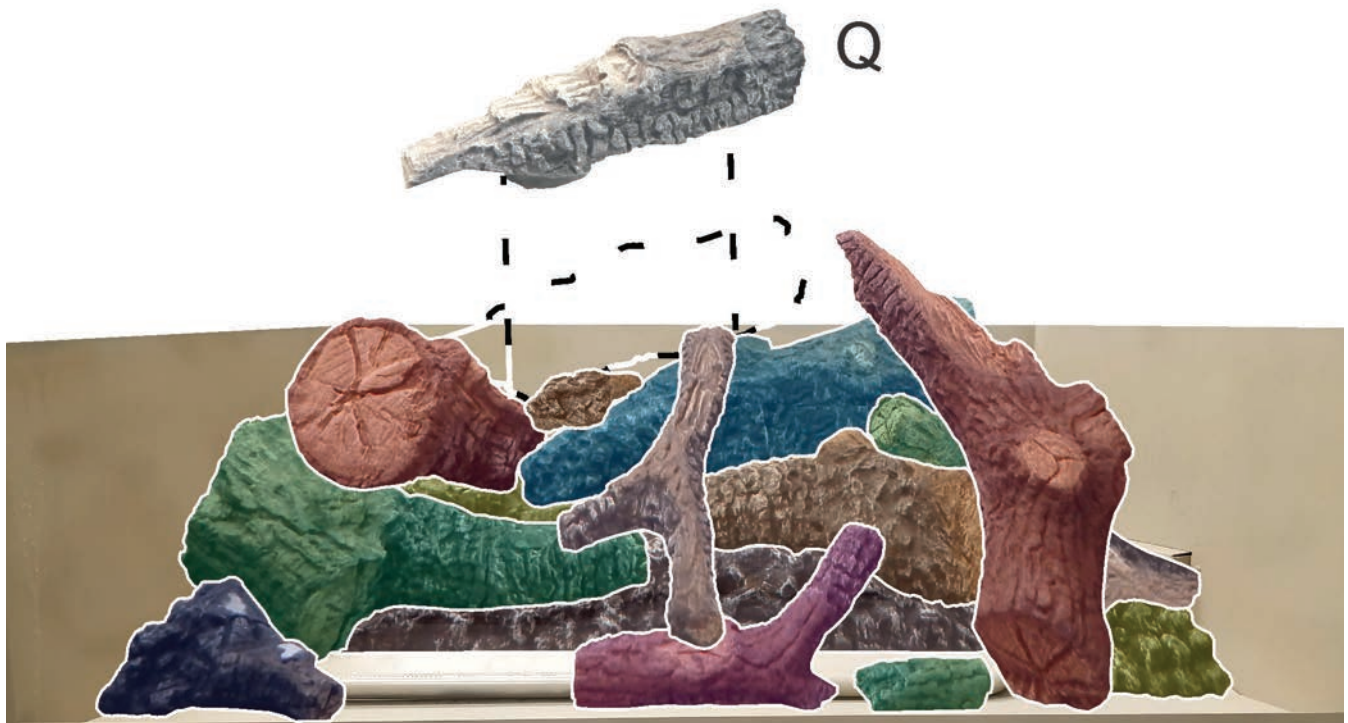
FRONT

# LOG PLACEMENT

20. Place **Log (Q)** onto pin on **Log (O)** and rest on rear **Fiber Liner**, located on top in rear center.



TOP



FRONT



## LOG PLACEMENT

21. Log set assembly is complete. Place additional decorative rocks and embers in any empty areas around the burner base as desired.



**TOP**



**FRONT**



## FIREPLACE SERVICE HISTORY

[illegible]

# 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

## 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.



SINCE 1932

**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)**