

CAUTION.....WARNING.....IMPORTANT

USE ONLY PETERSON REAL FYRE BURNERS AND VALVES WITH A REAL FYRE LOG SET.



CHB-24 shown



Series: CHB, CHD, CHAO, CHMBW,
CHS, CHNA, CHNS

This supplement addresses additional log sets available for the G31 burner system. Disregard the common log placement instructions packed with the log set.

The log set is to be installed along with the glowing embers and bryte coals that are supplied with your G31 burner system. Refer to the parts list in the main owner's manual.

LOG SET IMPORTANT INFORMATION

This instruction contains log set and ember placement for select Real Fyre logs. You must position and maintain the log layout as shown here to ensure proper operation of the burner system. Use the logs only with a Peterson burner system.

Adequate ventilation is absolutely necessary! Provided significant, noticeable sooting **does not** occur, some flexibility is possible in top log placement to suit your individual preference (see Important below). If you experience a continued accumulation of black carbon (soot) on your logs it is an indication of incomplete combustion and you should move the effected log(s) so as to minimize the flame contact on the effected log(s). If significant sooting continues, stop using this gas log set.

Please read these instructions completely and carefully.

Important: Adequate ventilation is absolutely necessary. Adequate spacing between the logs is **NECESSARY** and **MUST** be maintained. Some carbon build up (sooting) may occur where flames strike the logs. If carbon build up (sooting) continues, rearrange top logs to allow more opening(s) for flame(s) before sooting becomes worse. **If any sooting occurs outside of the firebox (i.e. on the walls), turn off unit immediately and contact a qualified professional service technician.**

WARNING: Use **ONLY** Peterson Real Fyre burners and valves with a Real Fyre gas log set. **Failure to do so may result in property damage or personal injury, and will void listings, certifications, and invalidate claims made to RHP.** Contact your local Real Fyre dealer if you need more information.

This product is only warranted when used as part of a Robert H. Peterson Co. vented burner system.

WARNING: Real Fyre gas log sets are for use with R.H. Peterson Co. burners (and parts) ONLY.

CAUTION: Burn hazard! Logs will remain hot for some time after use. Use heat resistant gloves or allow logs adequate time to cool before handling.

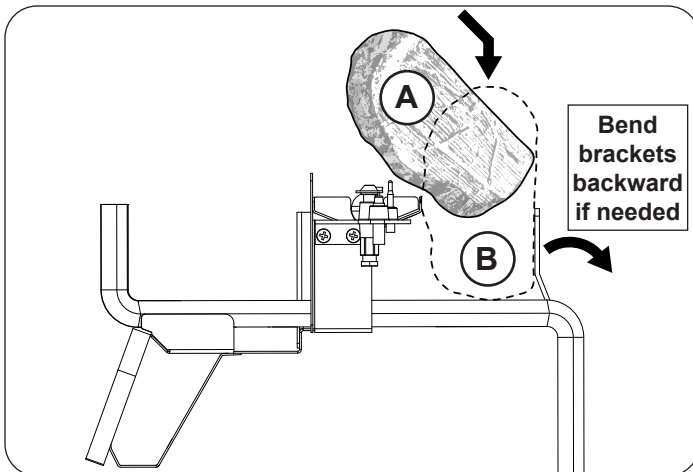
Failure to use Peterson burners and valves may result in a **DANGEROUS** situation and in property damage, personal injury or death; and will void any warranty by R.H. Peterson Co.

- Begin with the generic log and ember steps below, then locate the page for your log set chosen to complete placement.
- **DO NOT** add any additional embers to this setup. Any additional embers will cause unsafe operation. ONLY use the embers supplied with your burner system. If any embers are included with your log set, **DISCARD** them as they are not applicable.

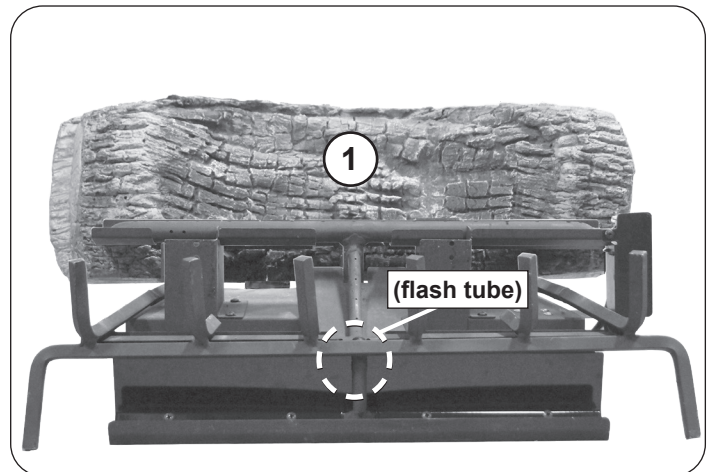
Generic Placement Steps

Important: **DO NOT** place any embers on top of the flash tube to ensure proper operation.

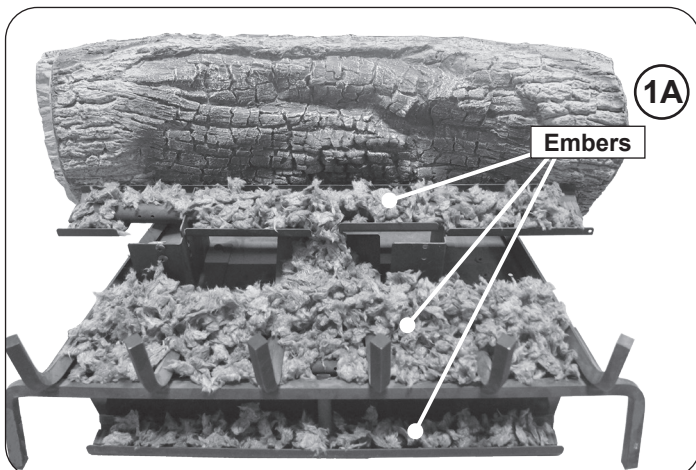
All models begin with the bottom log and ember placement shown below. Continue with the appropriate section (on one of the following pages) specific to your log set.



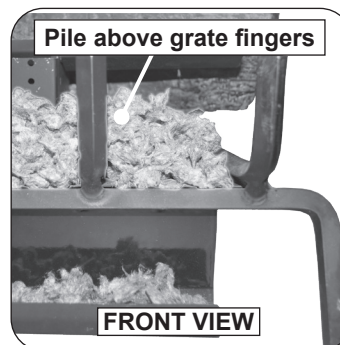
Rear log placement detail: First place the log, at an angle, against the rear burner brackets (see A). Then slide the log down into position – flat on the burner (see B).



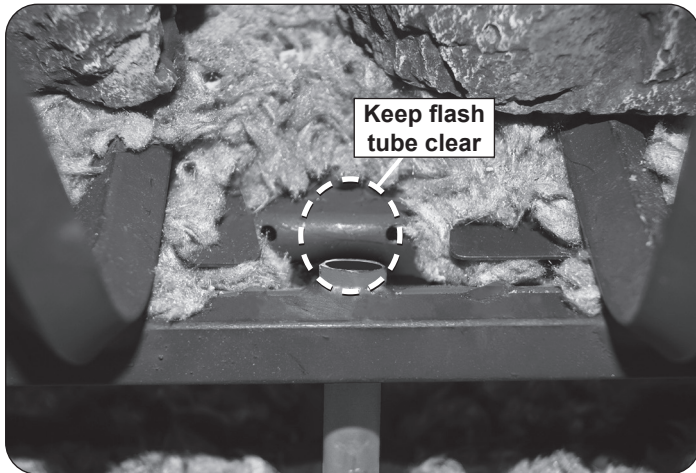
Once placed, the rear log (log #1) should appear as shown. The log should rest flat between the rear brackets and top burner.



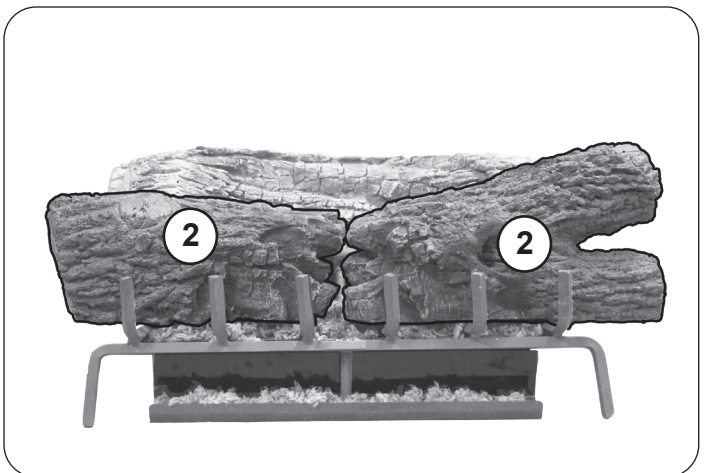
Place the glowing embers (supplied with burner) heavily and evenly in the areas shown. **Break up any clumps that may have developed during shipment.** Store any excess embers if applicable.



Ember placement detail - place heavily as shown.



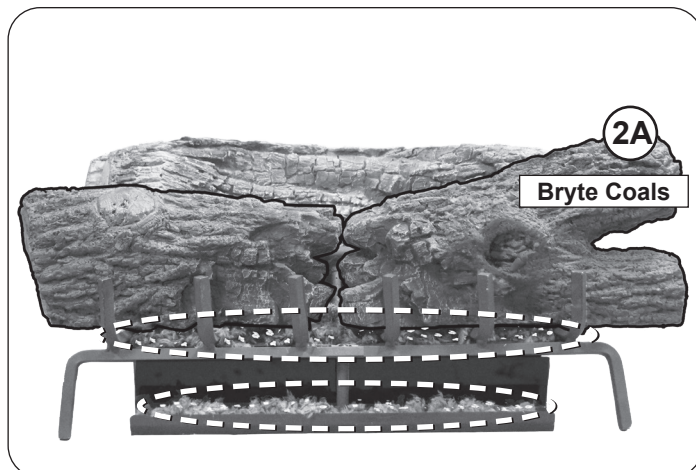
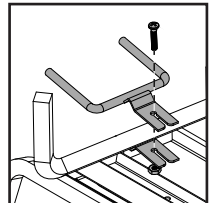
DO NOT place any embers on top of the flash tube to ensure proper operation. **Keep the area shown above clear at all times.**



Place the left and right front log pieces (log #2) as shown. Rest the logs with their backs against the burner assembly behind them. **DO NOT** place the logs forward or on top of the grate fingers.

The logs should compress the embers below and create a seal.

Note: For 36" log sets, log locators (included with burner) must be installed. Refer to the appropriate section (on one of the following pages) specific to your 36" log set.



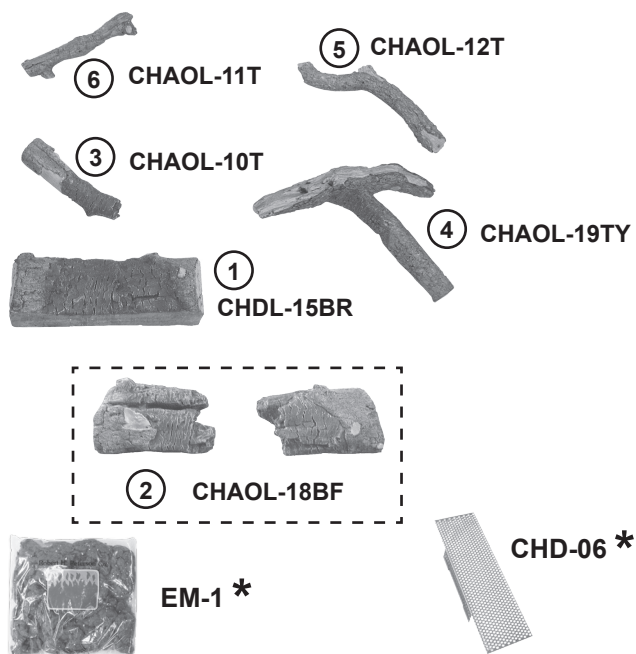
Separate half of the supplied bryte coals into small pieces, and evenly place them over the glowing embers in the middle ember bed as shown. Repeat this process for the remaining (second half) of bryte coals over the bottom ember bed.

CONTINUE TO THE APPROPRIATE SECTION (ON ONE OF THE FOLLOWING PAGES) SPECIFIC TO YOUR LOG SET.

CHARRED AMERICAN OAK LOG PLACEMENT INSTRUCTIONS (18/20" MODEL)

* This charred log set includes an ember screen and glowing embers. They are not for use with G31 Burner Systems; DISCARD the screen and embers as they are not applicable.

CHAO-18/20 PARTS LIST

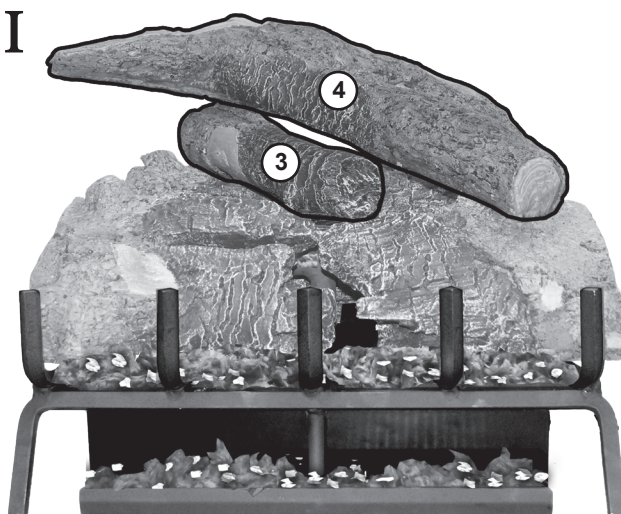


CAUTION: Burn hazard! Logs will remain hot for some time after use.

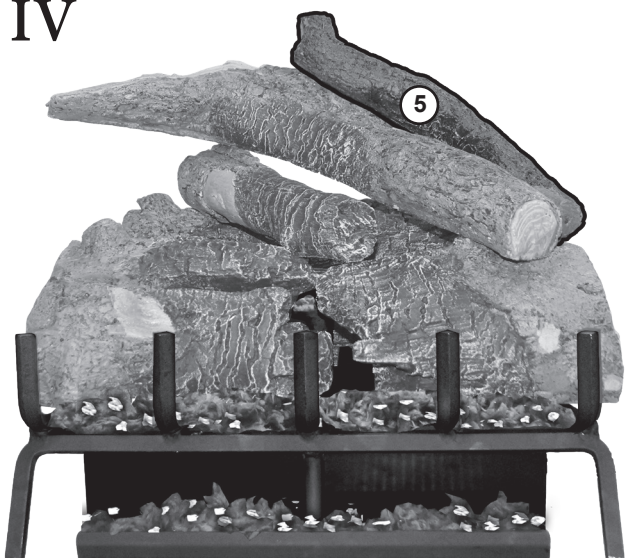
All items for this log set are included in one (1) box.

Refer to pages 3-4 for details on proper bottom log, ember, and bryte coal placement.

III



IV



Final Log Placement

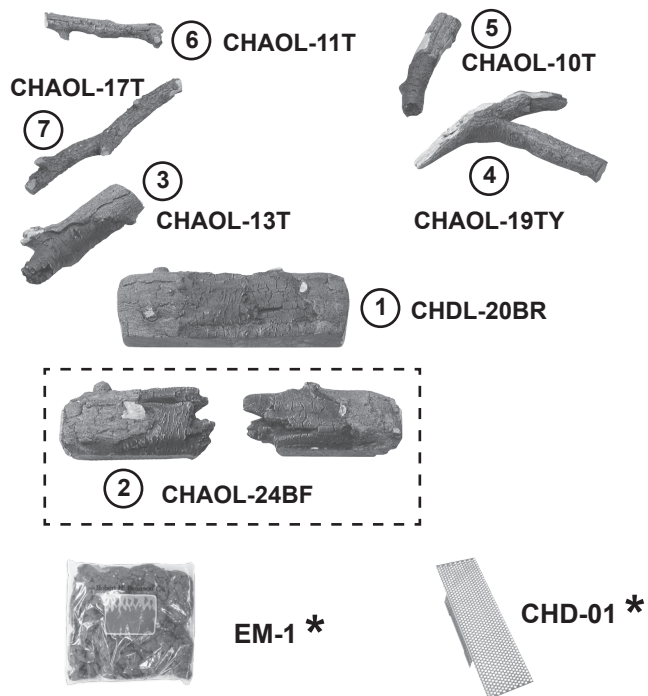
V



CHARRED AMERICAN OAK LOG PLACEMENT INSTRUCTIONS (24" MODEL)

* This charred log set includes an ember screen and glowing embers. They are not for use with G31 Burner Systems; DISCARD the screen and embers as they are not applicable.

CHAO-24 PARTS LIST

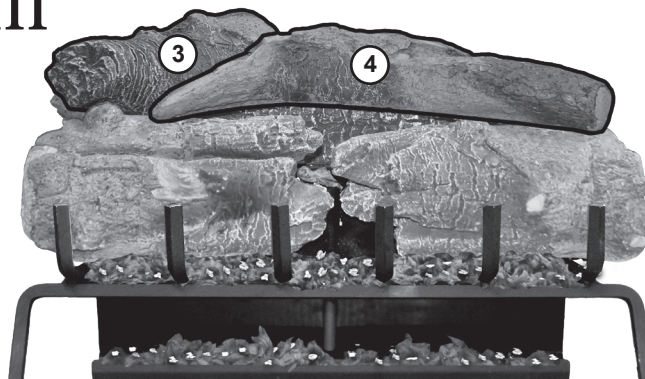


CAUTION: Burn hazard! Logs will remain hot for some time after use.

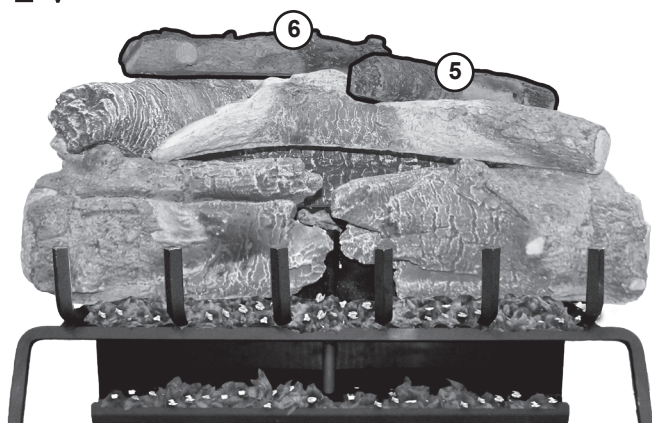
All items for this log set are included in one (1) box.

Refer to pages 3-4 for details on proper bottom log, ember, and bryte coal placement.

III

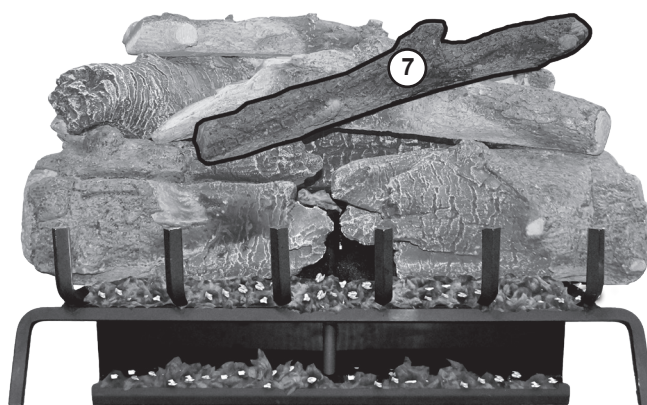


IV



V

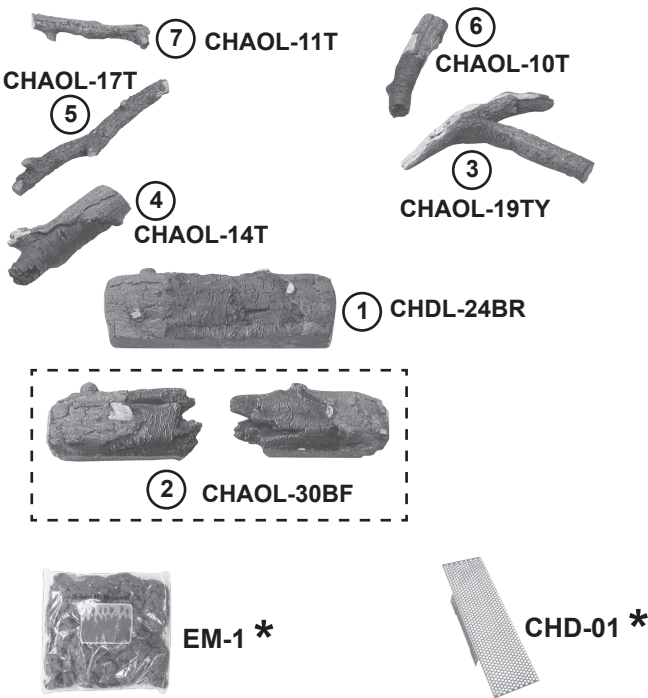
Final Log Placement



CHARRED AMERICAN OAK LOG PLACEMENT INSTRUCTIONS (30" MODEL)

* This charred log set includes an ember screen and glowing embers. They are not for use with G31 Burner Systems: DISCARD the screen and embers as they are not applicable.

CHAO-30
PARTS LIST

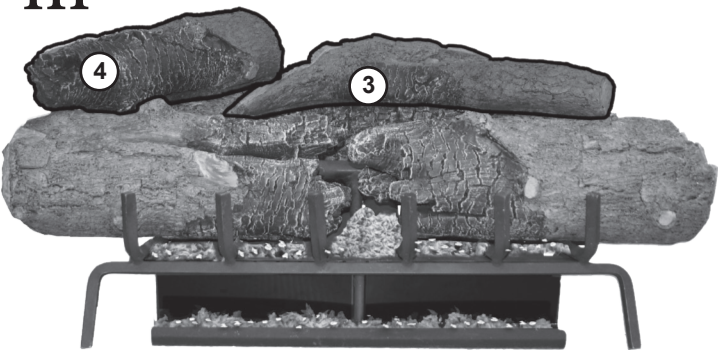


CAUTION: Burn hazard! Logs will remain hot for some time after use.

CHAO-30 box details	
2 Boxes	Items
CHAO-30B (Bottom logs)	CHDL-24BR, CHAOL-30BF, CHD-01 *, EM-1 *
CHAO-30T (Top logs)	CHAOL-10T, CHAOL-11T, CHAOL-14T, CHAOL-17T, CHAOL-19TY

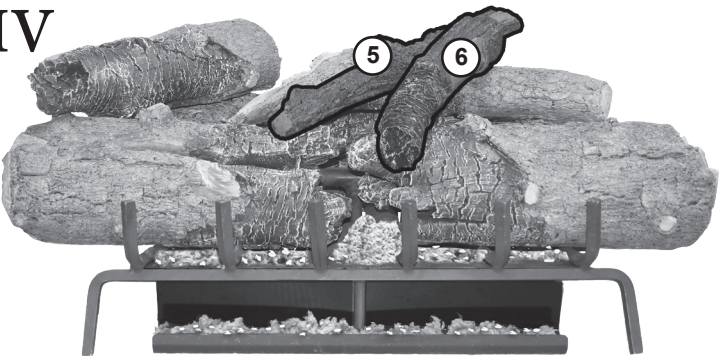
Refer to pages 3-4 for details on proper bottom log, ember, and bryte coal placement.

III

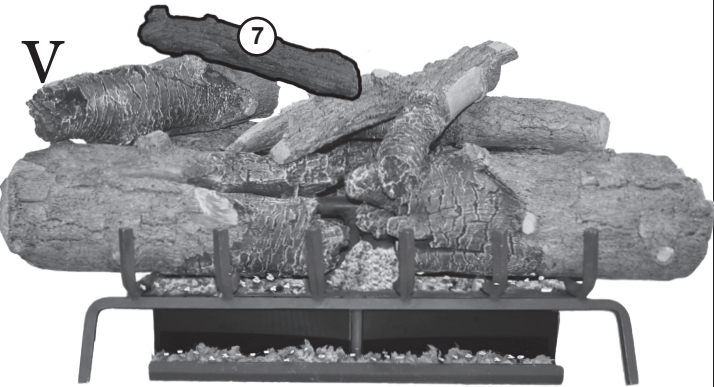


Final Log Placement

IV



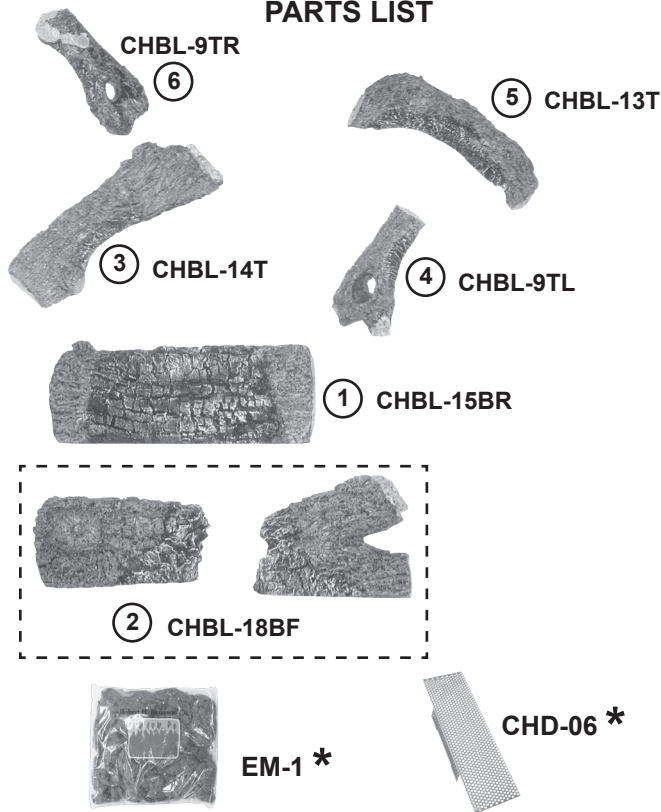
V



CHARRED ROYAL ENGLISH OAK LOG PLACEMENT INSTRUCTIONS (18/20" MODEL)

*** This charred log set includes an ember screen and glowing embers. They are not for use with G31 Burner Systems; DISCARD the screen and embers as they are not applicable.**

**CHB-18/20
PARTS LIST**

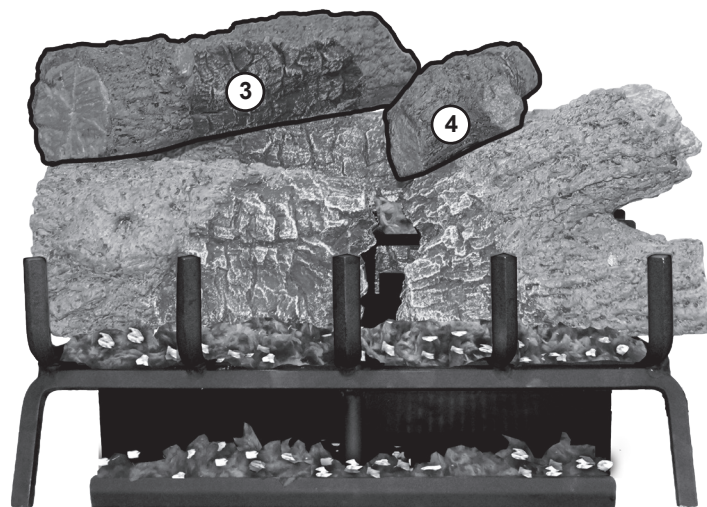


CAUTION: Burn hazard! Logs will remain hot for some time after use.

All items for this log set are included in one (1) box.

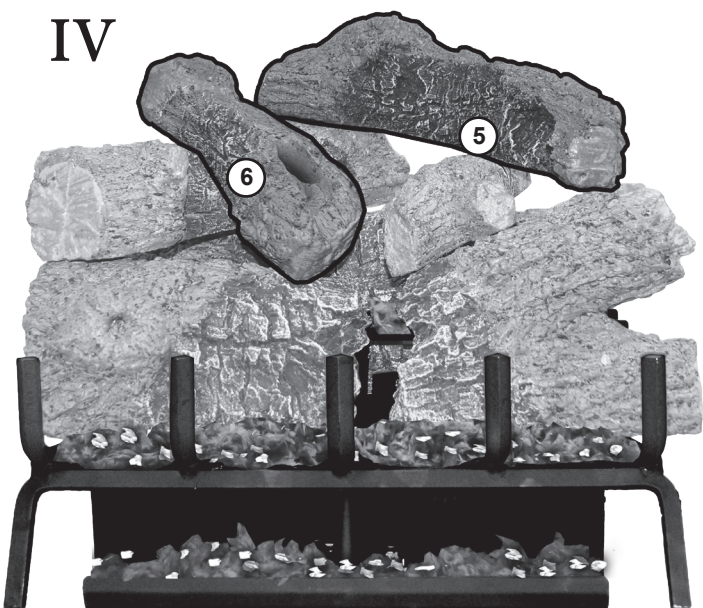
Refer to pages 3-4 for details on proper bottom log, ember, and bryte coal placement.

III



Final Log Placement

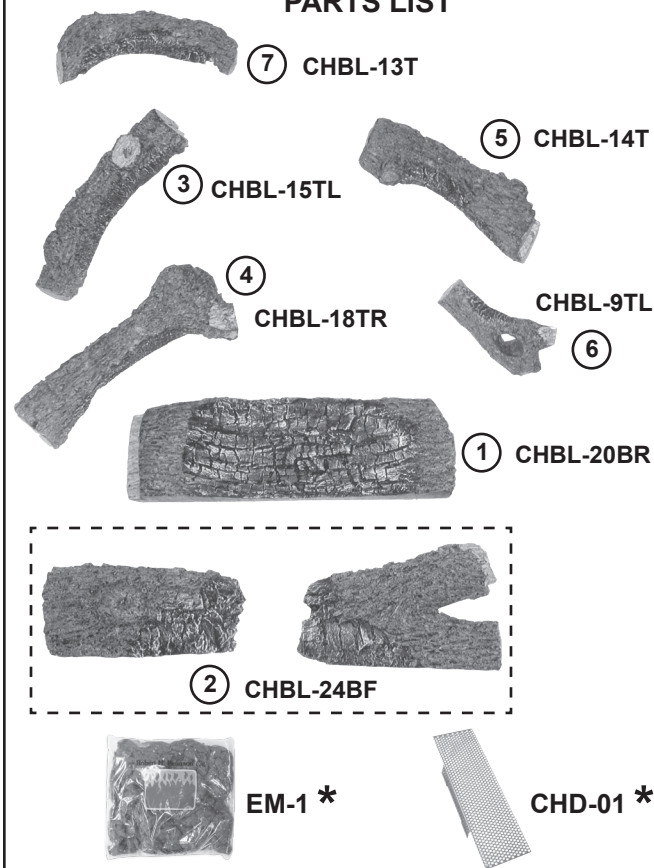
IV



CHARRED ROYAL ENGLISH OAK LOG PLACEMENT INSTRUCTIONS (24" MODEL)

* This charred log set includes an ember screen and glowing embers. They are not for use with G31 Burner Systems; DISCARD the screen and embers as they are not applicable.

CHB-24
PARTS LIST

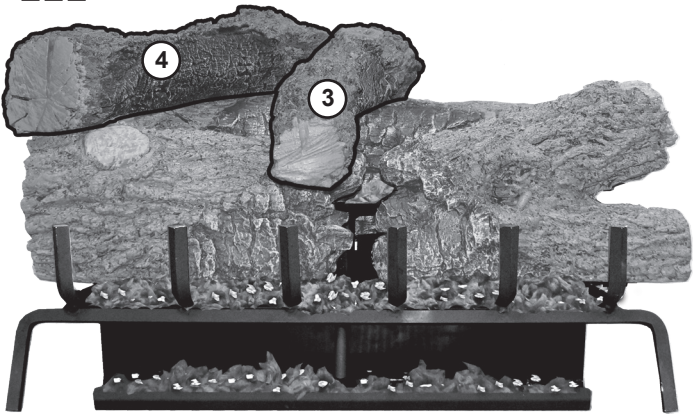


CAUTION: Burn hazard! Logs will remain hot for some time after use.

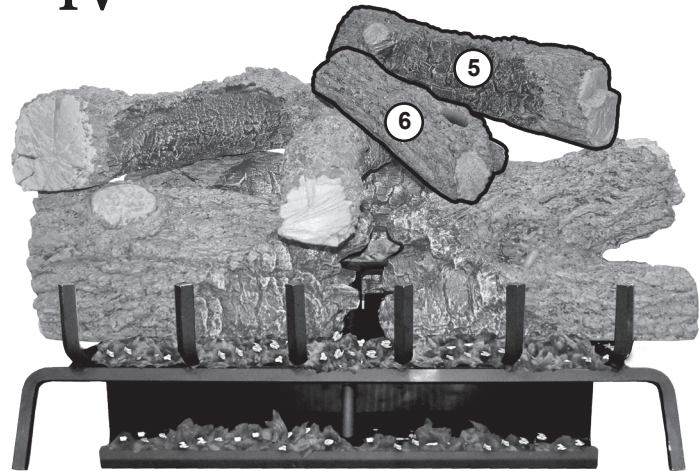
2 Boxes	Items
CHB-24B (Bottom logs)	CHBL-24BF, CHBL-20BR, CHD-01 *, EM-1 *
CHB-24T (Top logs)	CHBL-13T, CHBL-14T, CHBL-15TL, CHBL-18TR, CHBL-9TL

Refer to pages 3-4 for details on proper bottom log, ember, and bryte coal placement.

III

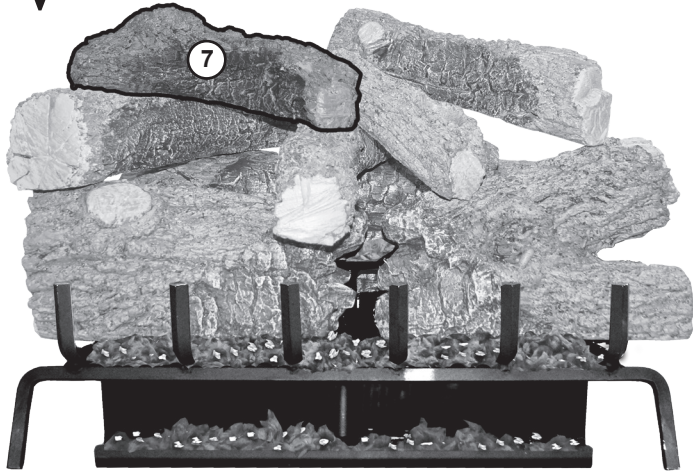


IV



Final Log Placement

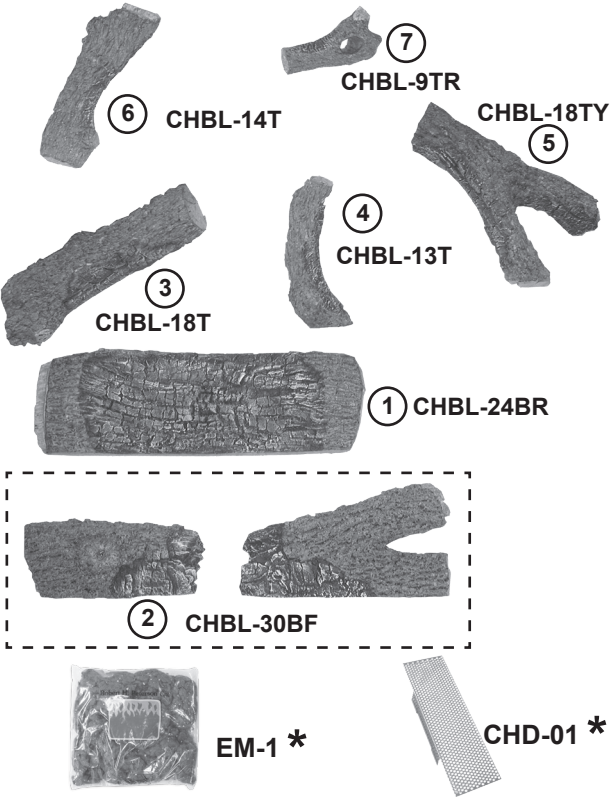
V



CHARRED ROYAL ENGLISH OAK LOG PLACEMENT INSTRUCTIONS (30" MODEL)

* This charred log set includes an ember screen and glowing embers. They are not for use with G31 Burner Systems; DISCARD the screen and embers as they are not applicable.

CHB-30
PARTS LIST

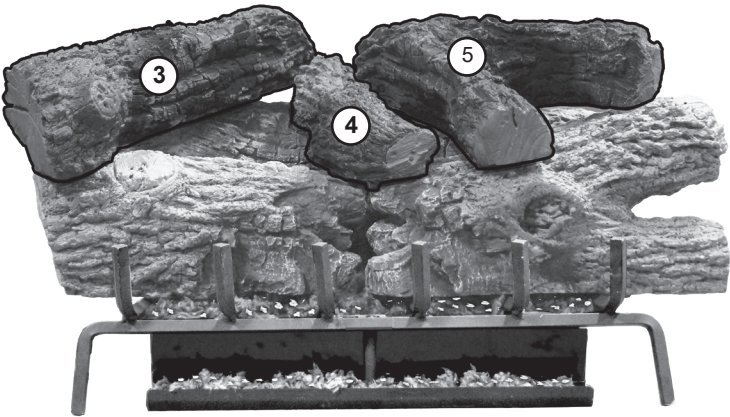


CAUTION: Burn hazard! Logs will remain hot for some time after use.

2 Boxes	Items
CHB-30B (Bottom logs)	CHBL-30BF, CHML-24BR, CHD-01 *, EM-1 *
CHB-30T (Top logs)	CHBL-13T, CHBL-14T, CHBL-18T, CHBL-18TY, CHBL-9TR

Refer to pages 3-4 for details on proper bottom log, ember, and bryte coal placement.

III



IV



Final Log Placement

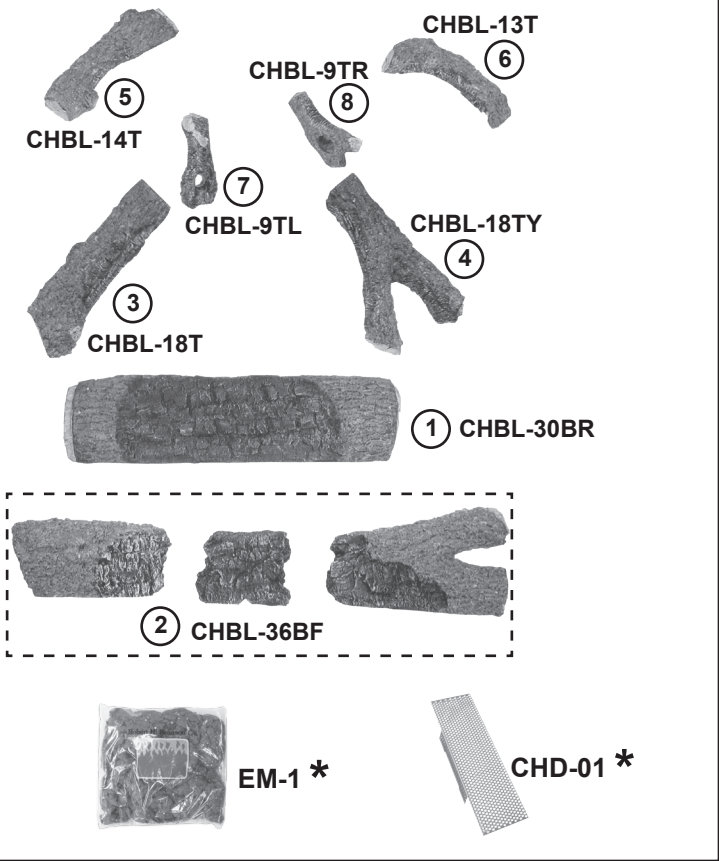
V



CHARRED ROYAL ENGLISH OAK LOG PLACEMENT INSTRUCTIONS (36" MODEL)

* This charred log set includes an ember screen and glowing embers. They are not for use with G31 Burner Systems; DISCARD the screen and embers as they are not applicable.

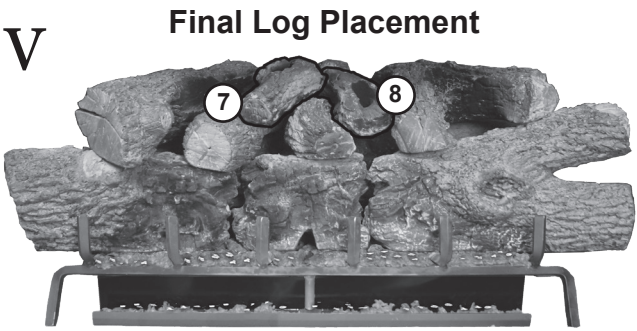
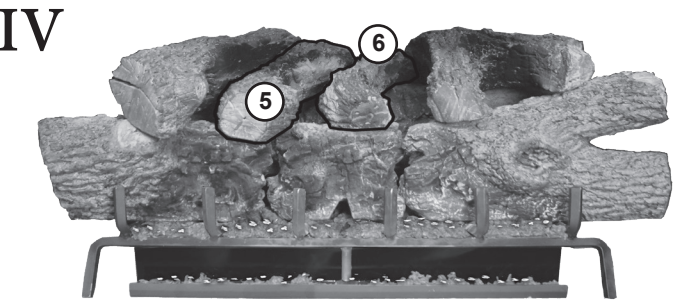
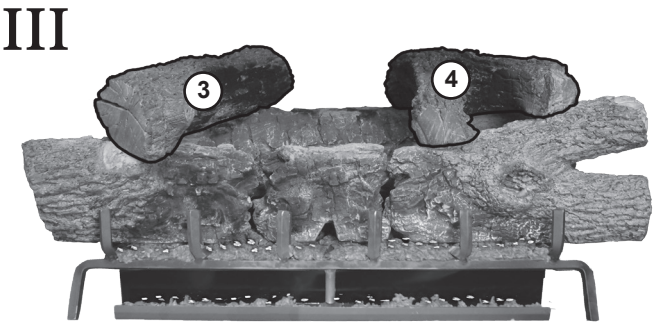
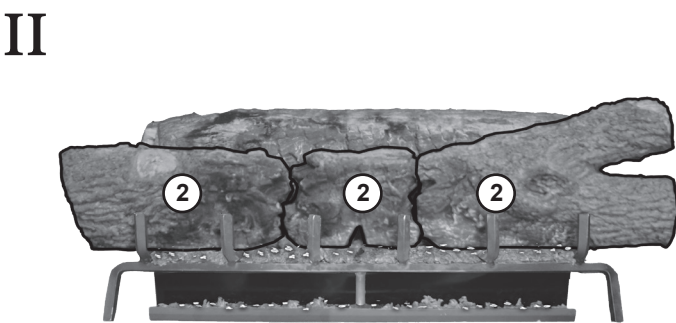
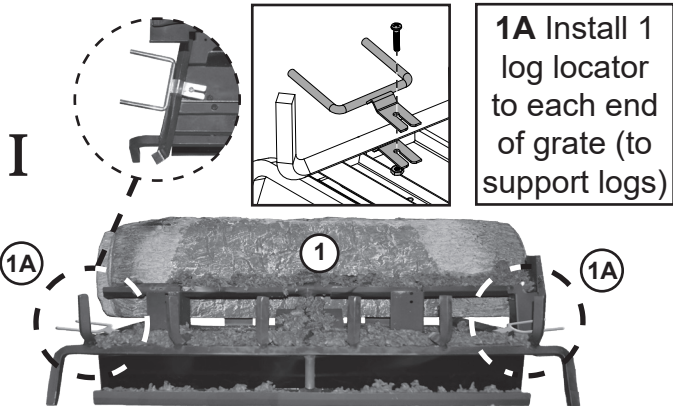
CHB-36
PARTS LIST



CAUTION: Burn hazard! Logs will remain hot for some time after use.

3 Boxes	Items
CHB-30BR (Rear log)	CHBL-30BR
CHB-36BF (Front logs)	CHBL-36BF, CHD-01 *, EM-1 *
CHB-36T (Top logs)	CHBL-13T, CHBL-14T, CHBL-18T, CHBL-18TY, CHBL-9TL, CHBL-9TR

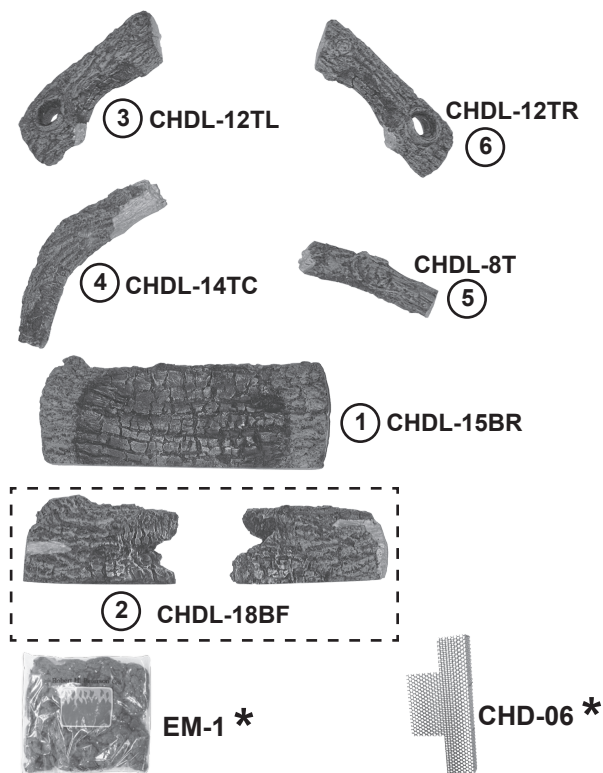
Refer to pages 3-4 for details on proper bottom log, ember, and bryte coal placement.



CHARRED OAK LOG PLACEMENT INSTRUCTIONS (18/20" MODEL)

*** This charred log set includes an ember screen and glowing embers. They are not for use with G31 Burner Systems: DISCARD the screen and embers as they are not applicable.**

CHD-18/20 PARTS LIST

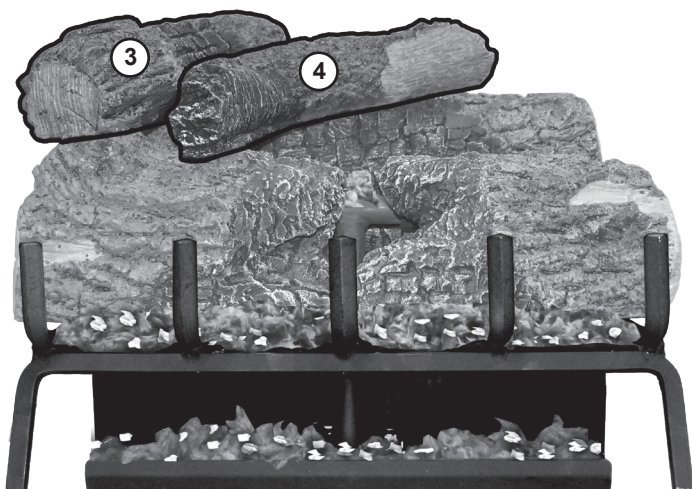


CAUTION: Burn hazard! Logs will remain hot for some time after use.

All items for this log set are included in one (1) box.

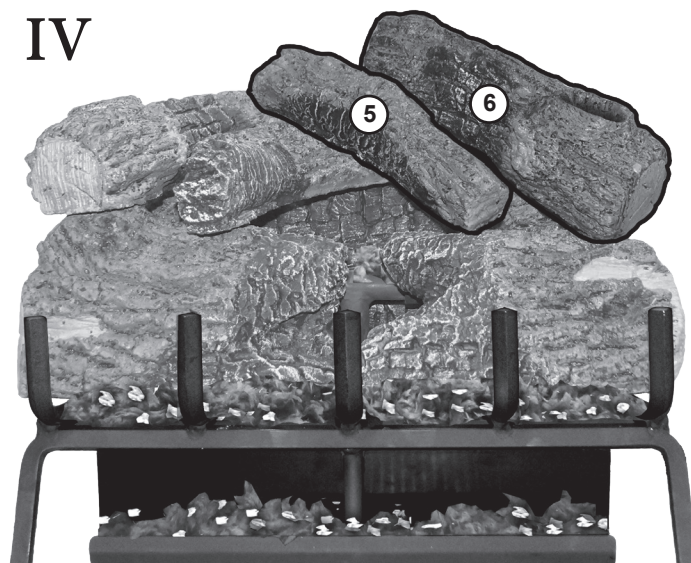
Refer to pages 3-4 for details on proper bottom log, ember, and bryte coal placement.

III



Final Log Placement

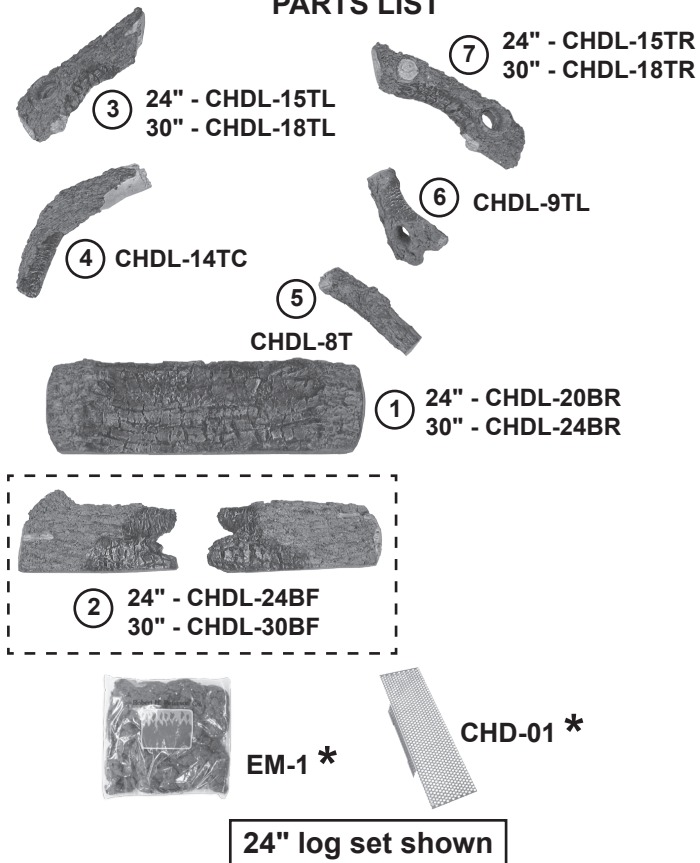
IV



CHARRED OAK LOG PLACEMENT INSTRUCTIONS (24" & 30" MODELS)

* This charred log set includes an ember screen and glowing embers. They are not for use with G31 Burner Systems: DISCARD the screen and embers as they are not applicable.

CHD-24 & CHD-30 PARTS LIST

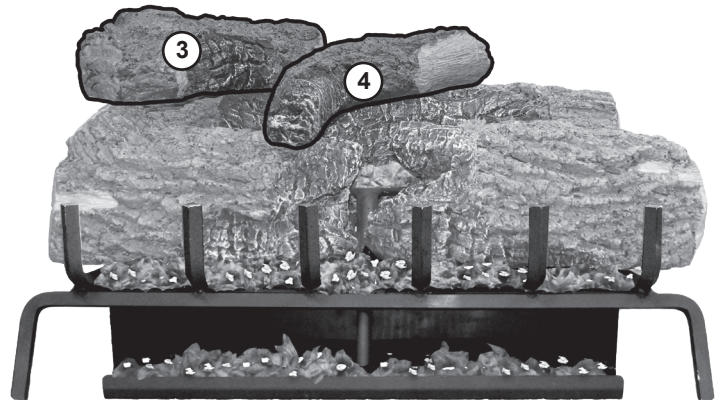


CAUTION: Burn hazard! Logs will remain hot for some time after use.

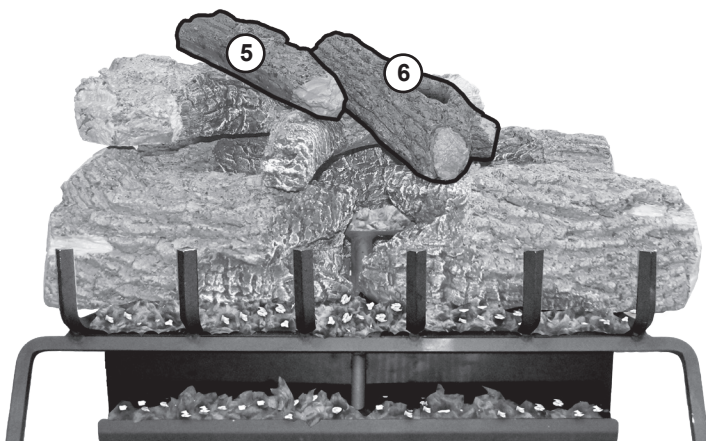
All items for this log set are included in one (1) box.

Refer to pages 3-4 for details on proper bottom log, ember, and bryte coal placement.

III

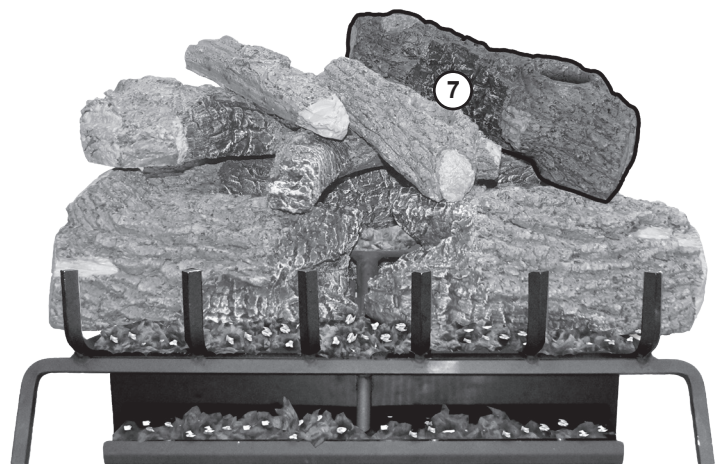


IV



V

Final Log Placement

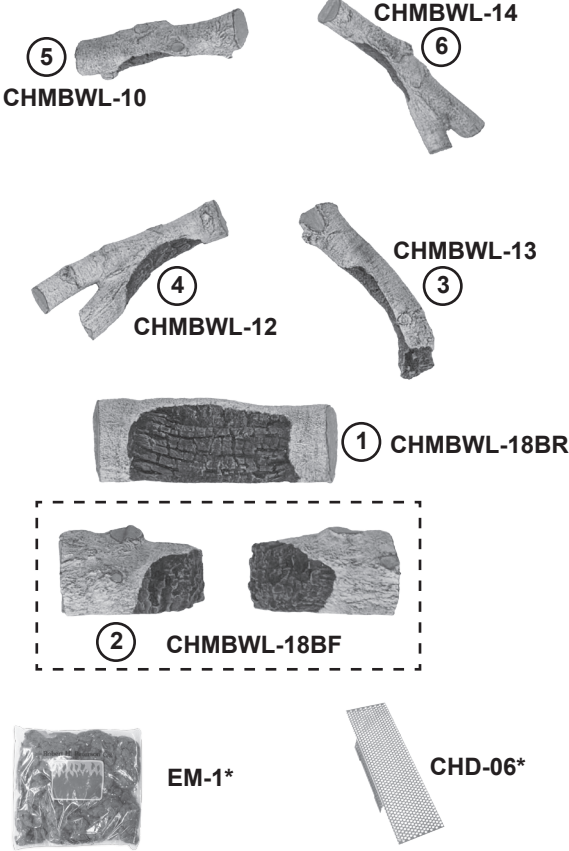


CHARRED MOUNTAIN BIRCH LOG PLACEMENT INSTRUCTIONS (18/20" MODEL)

*** This charred log set includes an ember screen and glowing embers. They are not for use with G31 Burner Systems; DISCARD the screen and embers as they are not applicable.**

During initial use, the logs will go through a curing process and will temporarily turn a darker color. This will last for approximately 6-8 hours (of burn time); then the logs will return to their original white color.

CHMBW-18/20
PARTS LIST

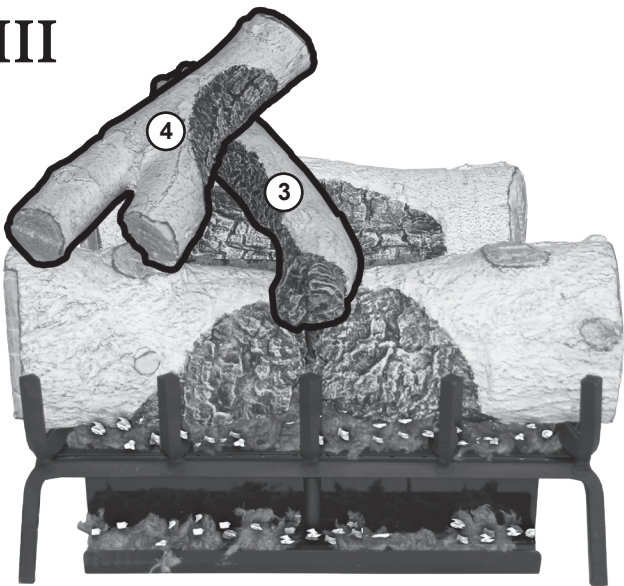


CAUTION: Burn hazard! Logs will remain hot for some time after use.

All items for this log set are included in one (1) box.

Refer to pages 3-4 for details on proper bottom log, ember, and bryte coal placement.

III



Final Log Placement

IV

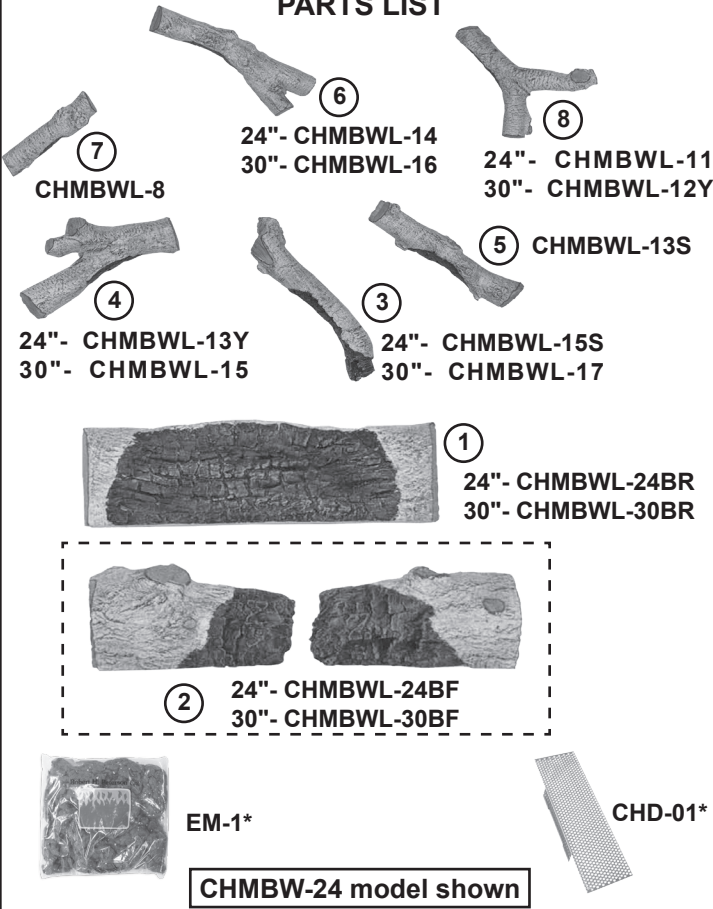


CHARRED MOUNTAIN BIRCH LOG PLACEMENT INSTRUCTIONS (24" & 30" MODELS)

*** This charred log set includes an ember screen and glowing embers. They are not for use with G31 Burner Systems: DISCARD the screen and embers as they are not applicable.**

During initial use, the logs will go through a curing process and will temporarily turn a darker color. This will last for approximately 6-8 hours (of burn time); then the logs will return to their original white color.

CHMBW-24 & CHMBW-30
PARTS LIST

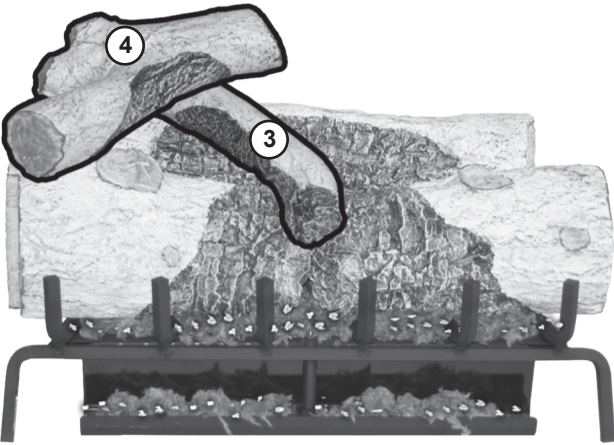


CAUTION: Burn hazard! Logs will remain hot for some time after use.

All items for this log set are included in one (1) box.

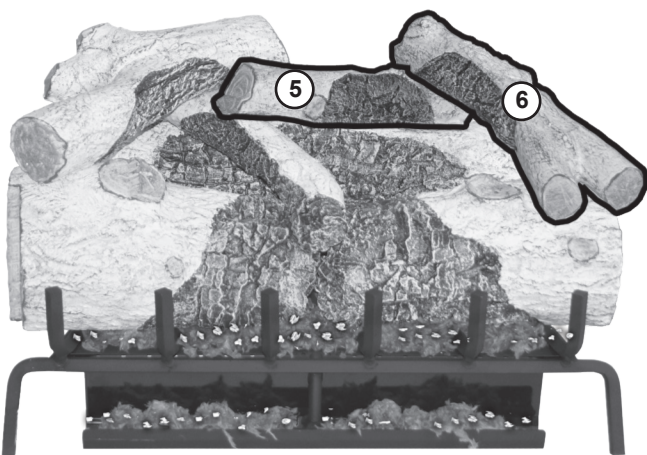
Refer to pages 3-4 for details on proper bottom log, ember, and bryte coal placement.

III

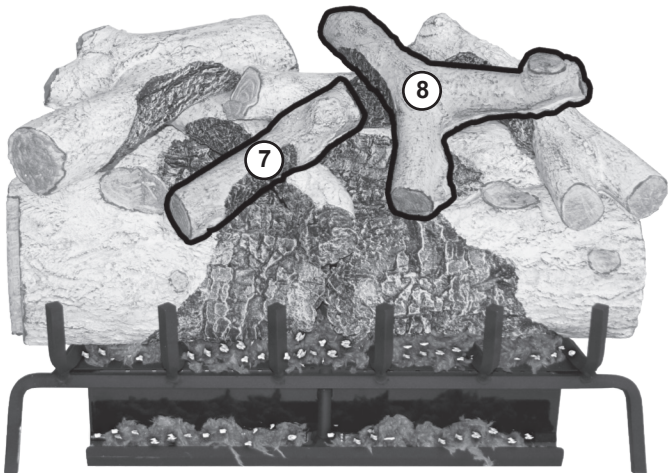


Final Log Placement

IV



V

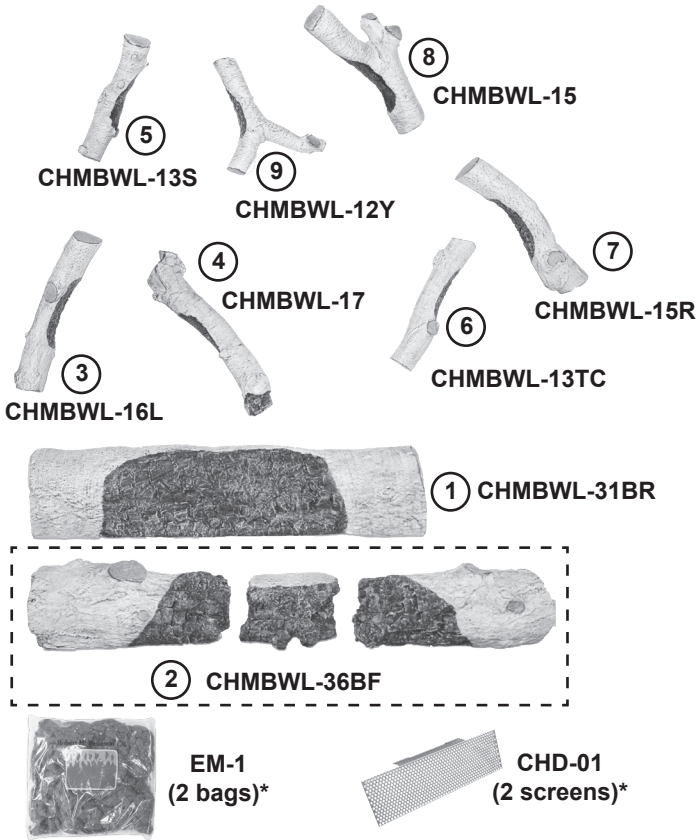


CHARRED MOUNTAIN BIRCH LOG PLACEMENT INSTRUCTIONS (36" MODEL)

* This charred log set includes an ember screen and glowing embers. They are not for use with G31 Burner Systems; DISCARD the screen and embers as they are not applicable.

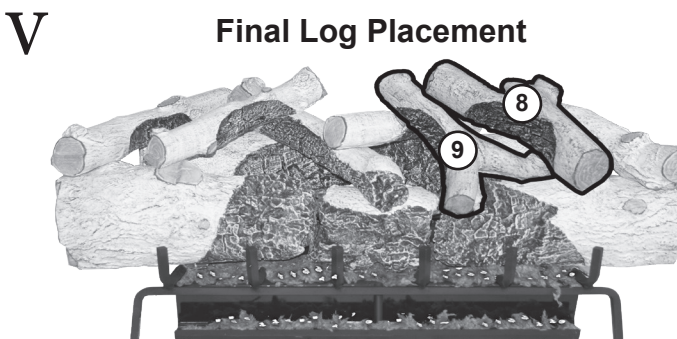
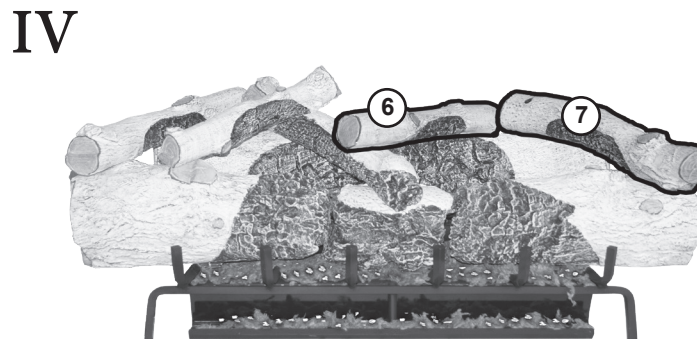
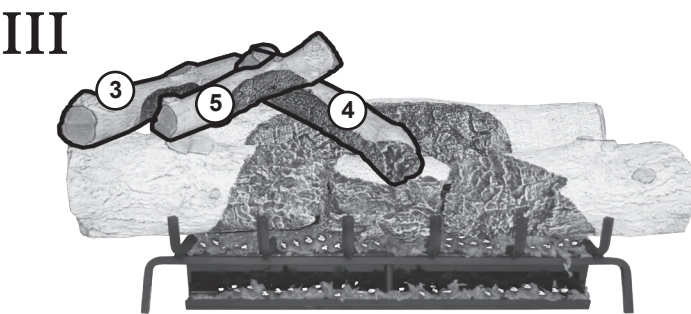
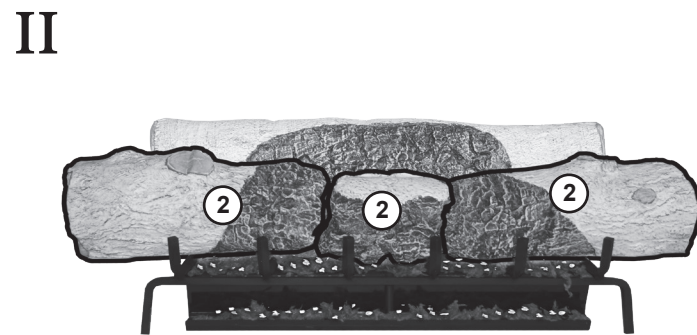
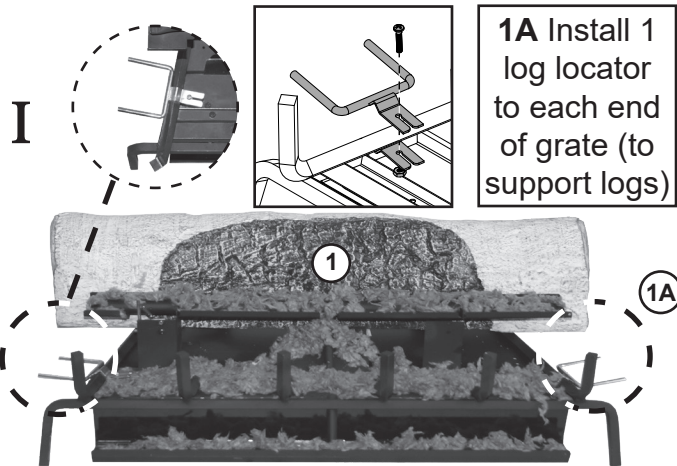
During initial use, the logs will go through a curing process and will temporarily turn a darker color. This will last for approximately 6-8 hours (of burn time); then the logs will return to their original white color.

CHMBW-36
PARTS LIST



CAUTION: Burn hazard! Logs will remain hot for some time after use.

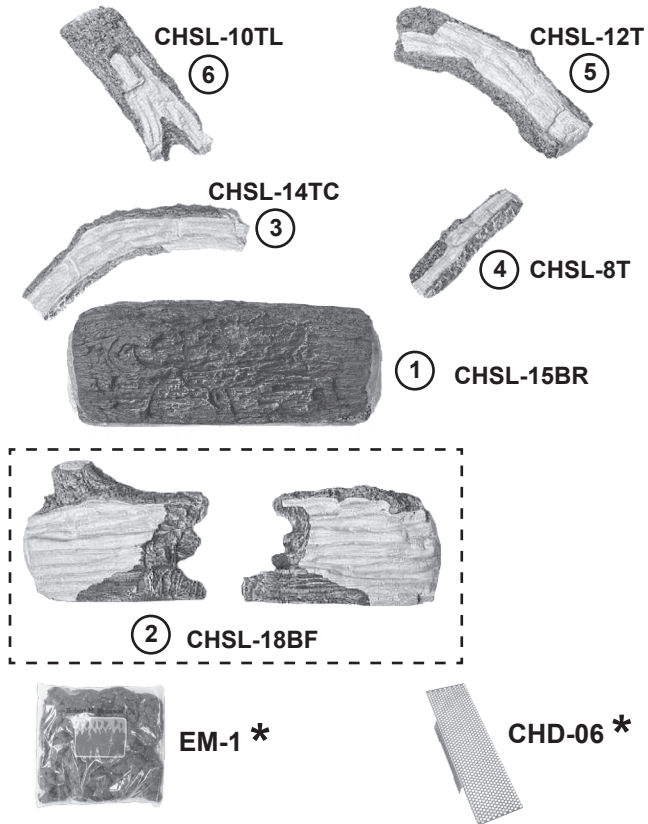
2 Boxes	Items
CHMBW-36BF (Front log)	CHMBW-36BF
CHMBW-36T/R (Rear and top logs)	CHMBWL-31BR, CHMBWL-16L, CHMBWL-17, CHMBWL-13S, CHMBWL-13TC, CHMBWL-15R, CHMBWL-15, CHMBWL-12Y, EM-1 *, EM-1 *, CHD-01 *, CHD-01 *



CHARRED SPLIT OAK LOG PLACEMENT INSTRUCTIONS (18/20" MODEL)

* This charred log set includes an ember screen and glowing embers. They are not for use with G31 Burner Systems; DISCARD the screen and embers as they are not applicable.

CHS-18/20 PARTS LIST



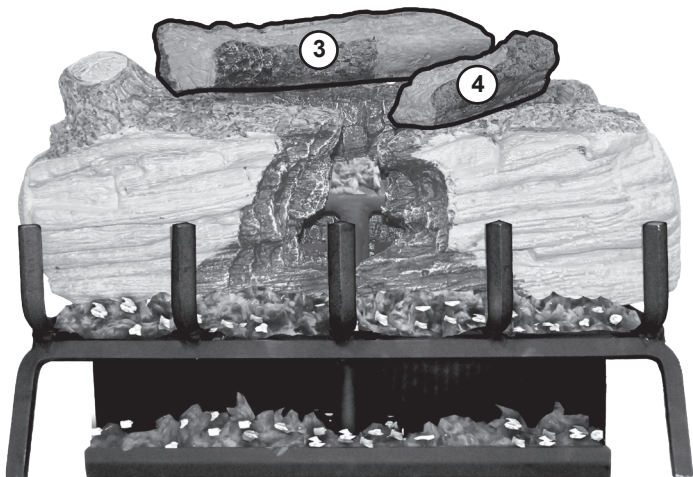
CAUTION: Burn hazard! Logs will remain hot for some time after use.

All items for this log set are included in one (1) box.

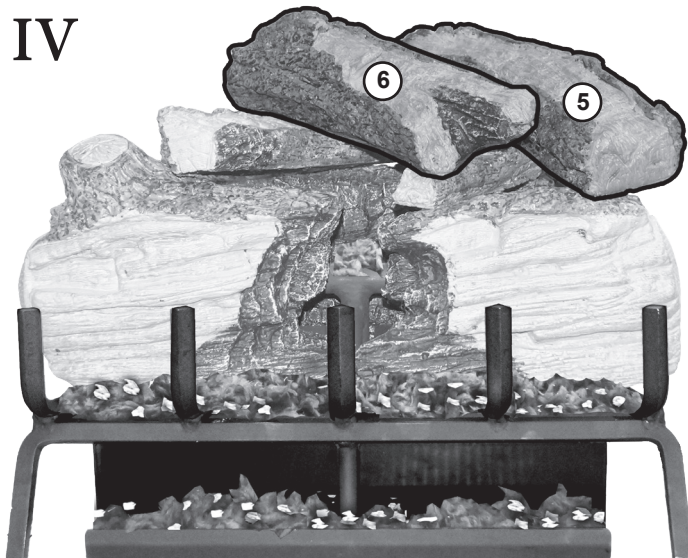
Refer to pages 3-4 for details on proper bottom log, ember, and bryte coal placement.

Final Log Placement

III



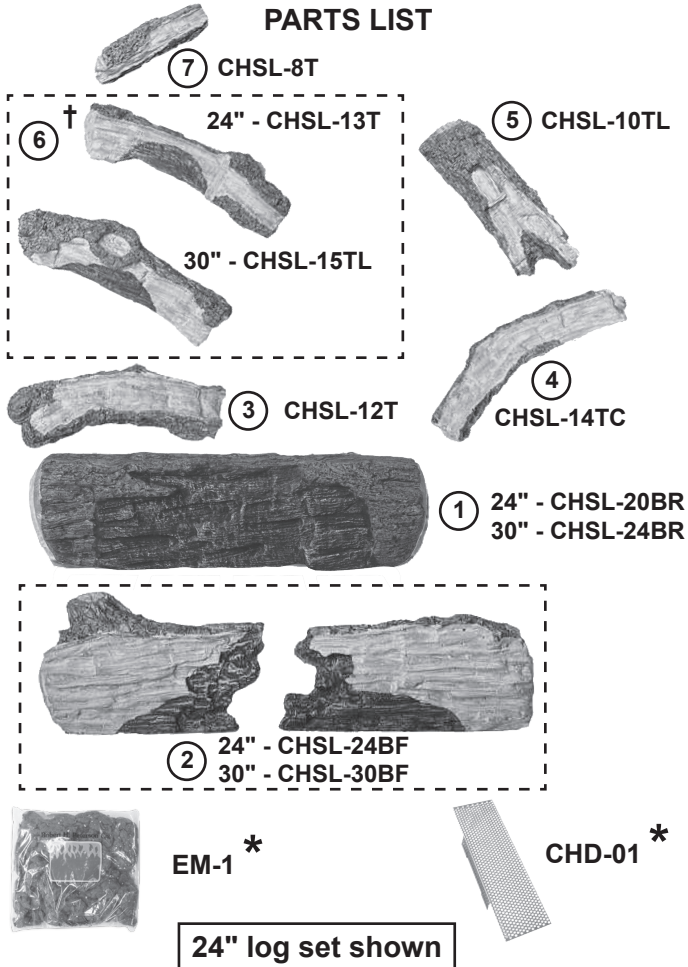
IV



CHARRED SPLIT OAK LOG PLACEMENT INSTRUCTIONS (24" & 30" MODELS)

* This charred log set includes an ember screen and glowing embers. They are not for use with G31 Burner Systems; DISCARD the screen and embers as they are not applicable.

CHS-24 & CHS-30 PARTS LIST

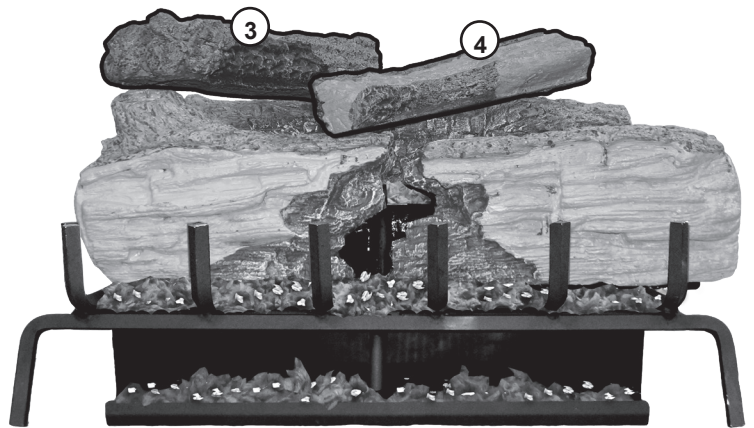


CAUTION: Burn hazard! Logs will remain hot for some time after use.

All items for this log set are included in one (1) box.

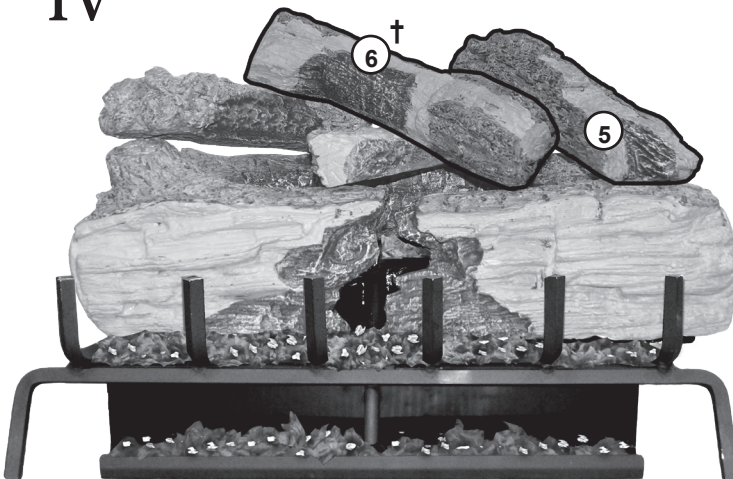
Refer to pages 3-4 for details on proper bottom log, ember, and bryte coal placement.

III

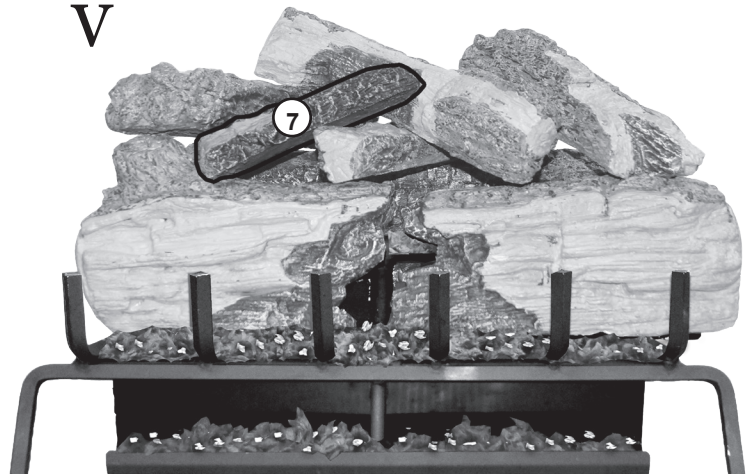


Final Log Placement

IV



V

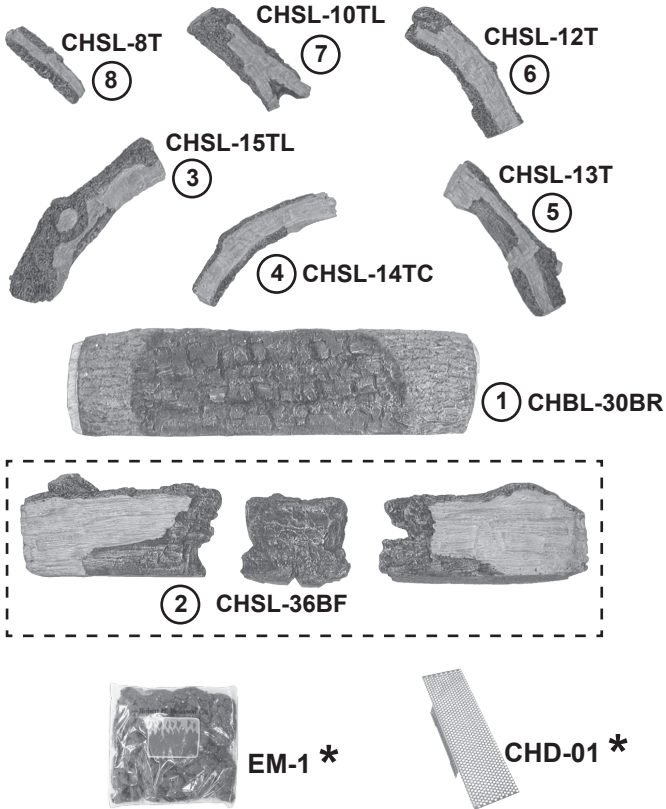


† Although Log #6 is slightly different between 24" and 30" sets; log placement is the same (see IV).

CHARRED SPLIT OAK LOG PLACEMENT INSTRUCTIONS (36" MODEL)

* This charred log set includes an ember screen and glowing embers. They are not for use with G31 Burner Systems; DISCARD the screen and embers as they are not applicable.

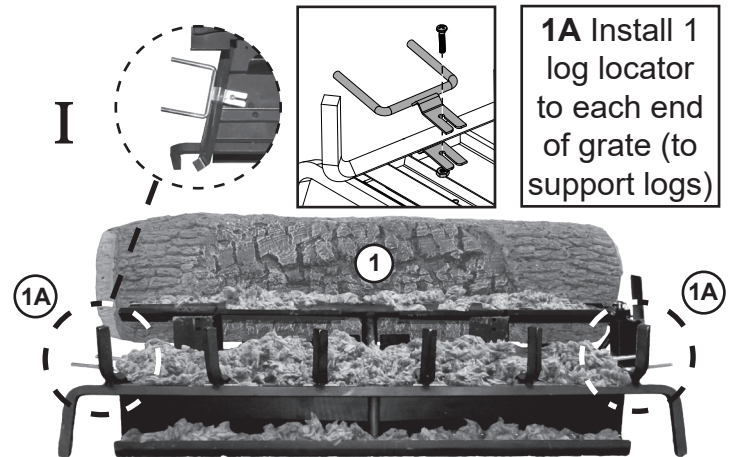
CHS-36 PARTS LIST



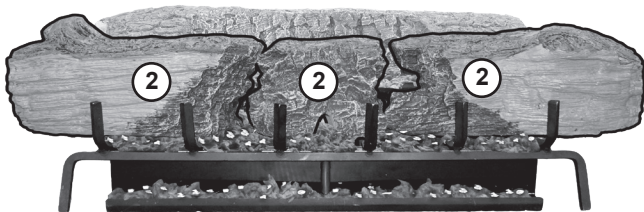
CAUTION: Burn hazard! Logs will remain hot for some time after use.

2 Boxes	Items
CHS-36BF (Front Logs)	CHSL-36BF
CHS-36T/R (Top and rear logs)	CHSL-10TL, CHSL-12T, CHSL-13T, CHSL-14TC, CHSL-15TL, CHBL-30BR, CHSL-8T, CHD-01 *, EM-1 *

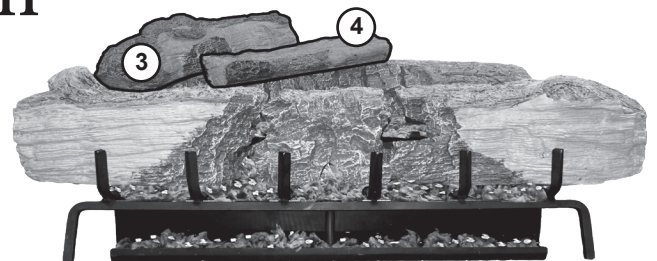
Refer to pages 3-4 for details on proper bottom log, ember, and bryte coal placement.



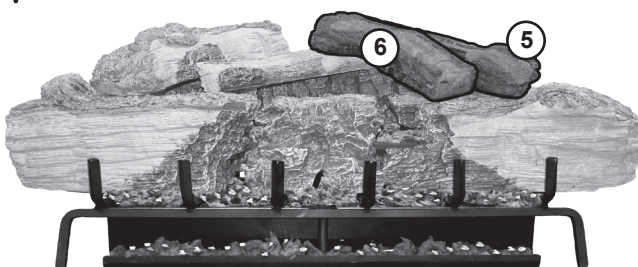
II



III

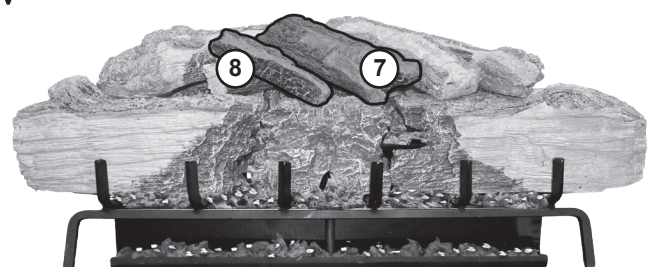


IV



V

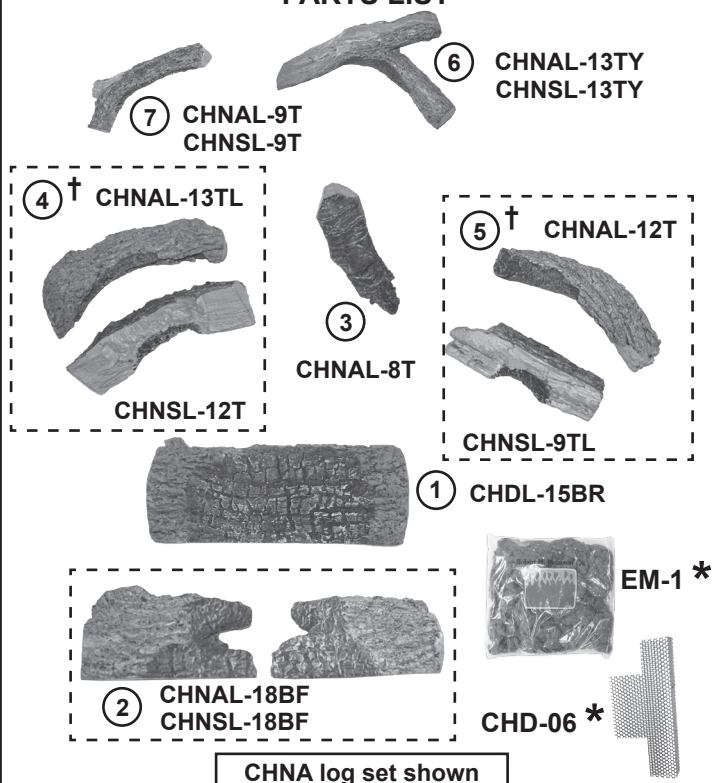
Final Log Placement



CHARRED ANGEL (SPLIT) OAK LOG PLACEMENT INSTRUCTIONS (18/20" MODEL)

* This charred log set includes an ember screen and glowing embers. They are not for use with G31 Burner Systems; DISCARD the screen and embers as they are not applicable.

CHN(A,S)-18/20 PARTS LIST

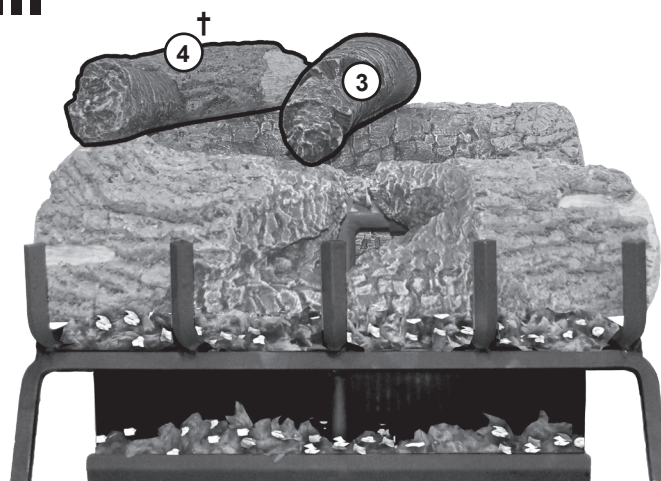


CAUTION: Burn hazard! Logs will remain hot for some time after use.

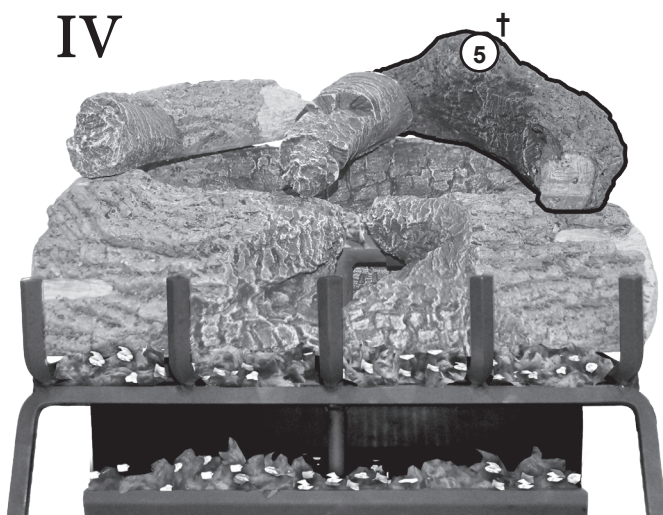
All items for this log set are included in one (1) box.

Refer to pages 3-4 for details on proper bottom log, ember, and bryte coal placement.

III

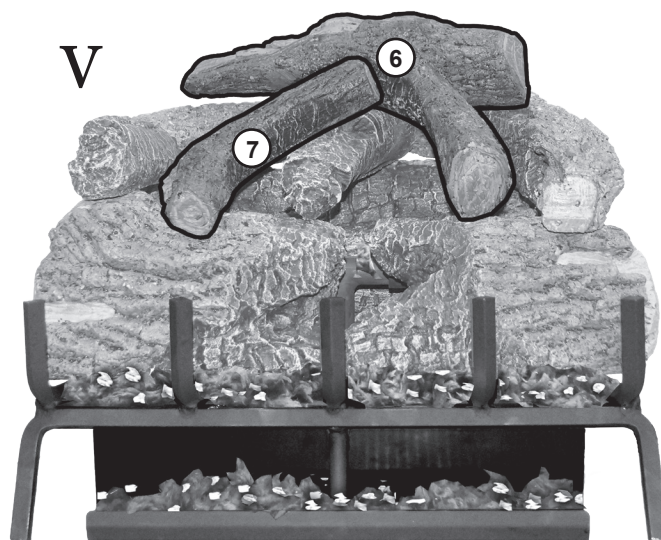


IV



Final Log Placement

V

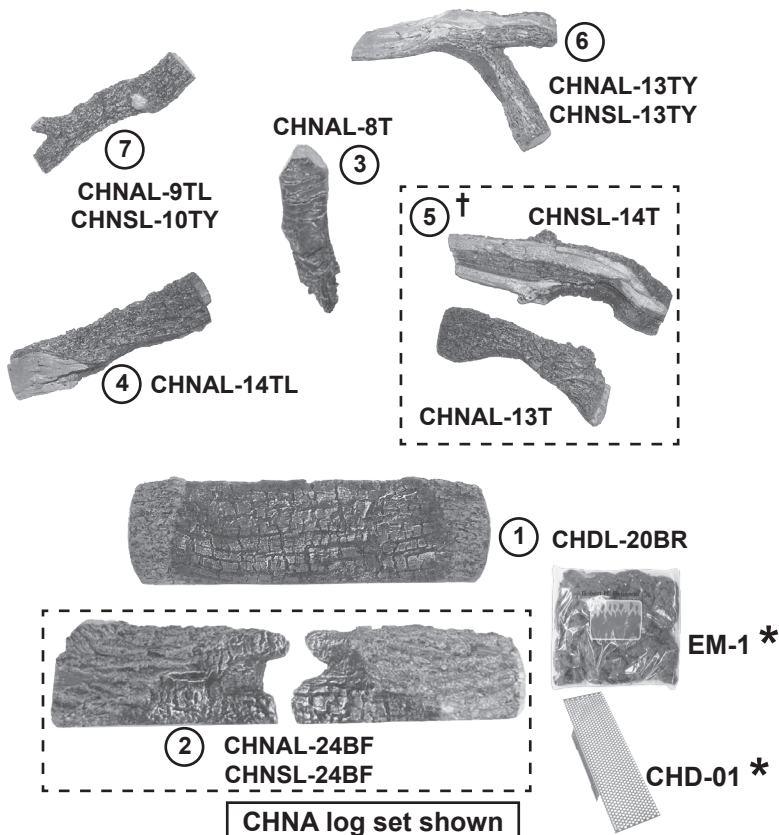


† Although these logs are slightly shaped different between CHNA and CHNS sets; log placement is the same (see III & IV).

CHARRED ANGEL (SPLIT) OAK LOG PLACEMENT INSTRUCTIONS (24" MODEL)

* This charred log set includes an ember screen and glowing embers. They are not for use with G31 Burner Systems; DISCARD the screen and embers as they are not applicable.

CHN(A,S)-24 PARTS LIST

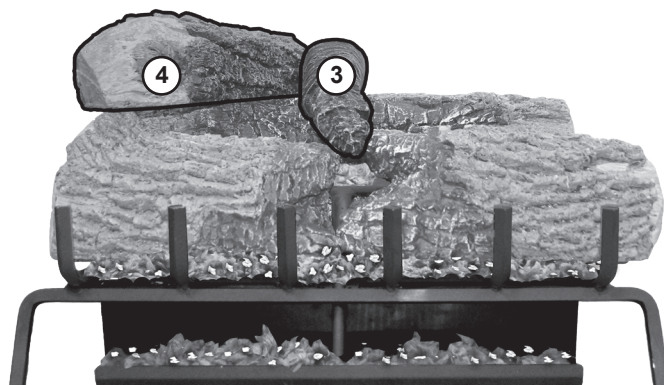


CAUTION: Burn hazard! Logs will remain hot for some time after use.

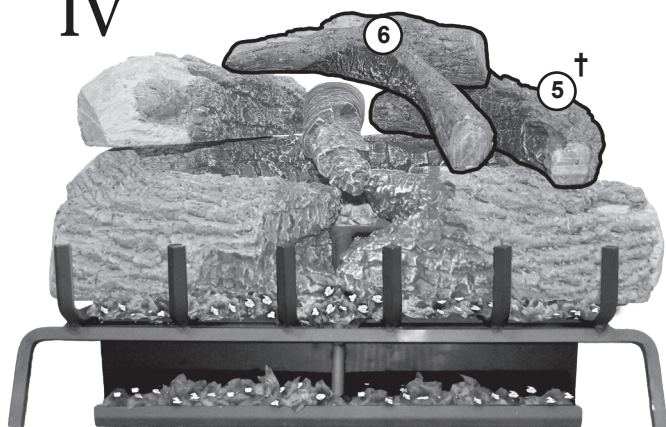
All items for this log set are included in one (1) box.

Refer to pages 3-4 for details on proper bottom log, ember, and bryte coal placement.

III

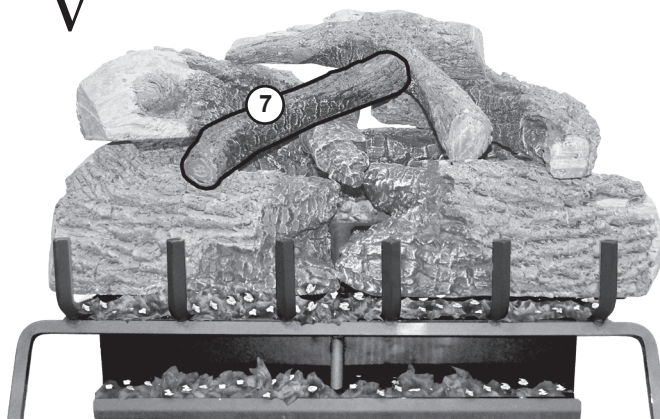


IV



V

Final Log Placement

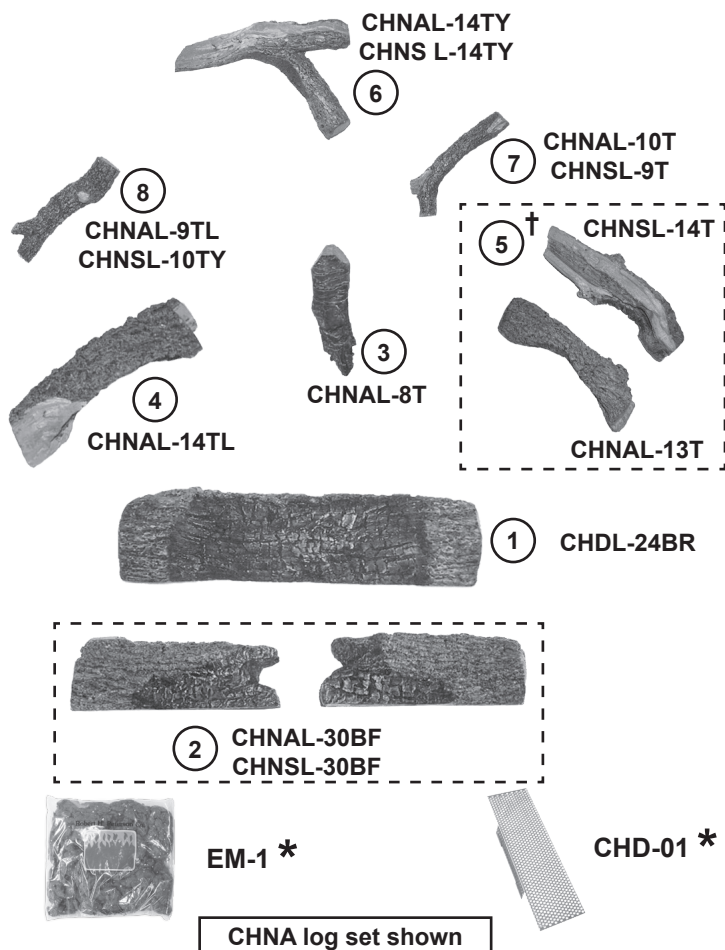


† Although this log is slightly shaped different between CHNA and CHNS sets; log placement is the same (see IV).

CHARRED ANGEL (SPLIT) OAK LOG PLACEMENT INSTRUCTIONS (30" MODEL)

* This charred log set includes an ember screen and glowing embers. They are not for use with G31 Burner Systems: **DISCARD** the screen and embers as they are not applicable.

CHN(A,S)-30 PARTS LIST

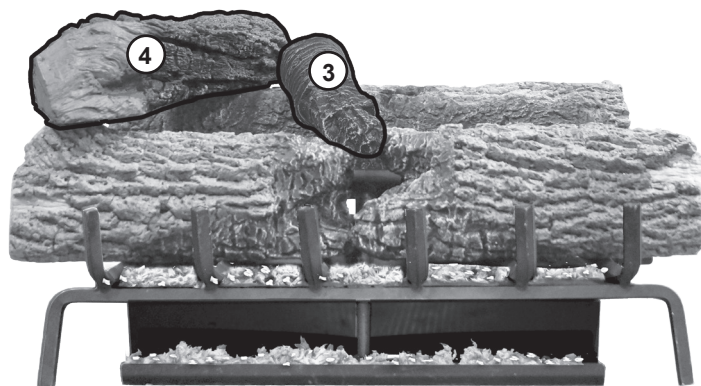


CAUTION: Burn hazard! Logs will remain hot for some time after use.

All items for this log set are included in one (1) box.

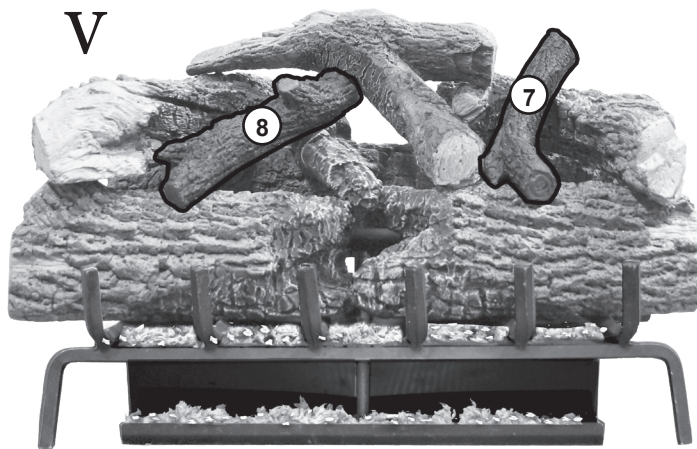
Refer to pages 3-4 for details on proper bottom log, ember, and bryte coal placement.

III

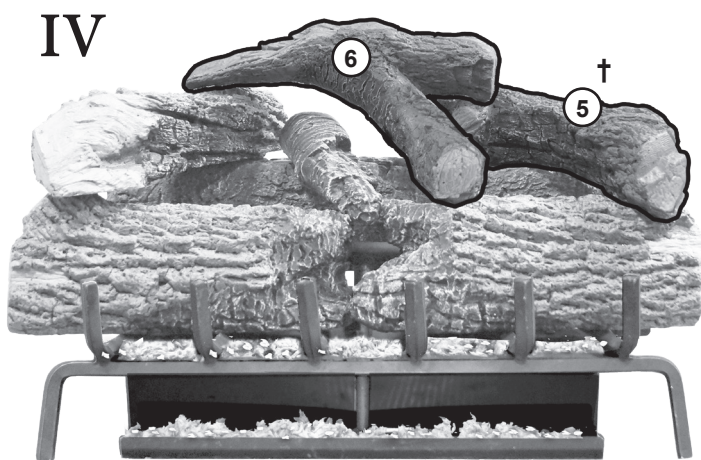


Final Log Placement

V



IV



† Although this log is slightly shaped different between CHNA and CHNS sets; log placement is the same (see IV).