

INSTALLATION INSTRUCTIONS



Transformer Kit 570389

View these instructions online at www.lbwhite.com

Kit Contents:

DESCRIPTION	QTY.
Transformer	1
3/8 in. self- tapping screws with ¼ in. hex. head	2
Wiring Kit	1
Installation Instruction	1

Tools required:

Guardian heaters:

- 1/4 in. Nut Driver
- Phillips head screwdriver

Qualifications for Installation of the kit:

- You must be able to read and understand these instructions before beginning
- You must be properly trained and qualified to;
 - Service and repair gas fired heaters
 - Install the transformer
 - Test the heater for proper operation and place the heater in a continuing safe and normal operating condition.

Discussion:

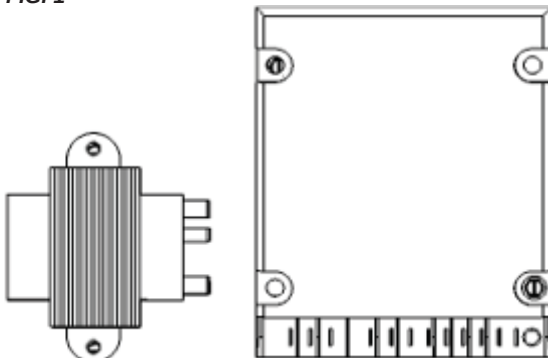
Use this kit to replace the original transformer supplied on Guardian 325 electronic ignition heaters.

Initial Preparation:

1. Disconnect the electrical supply.
2. Close the fuel supply valve.
3. Open the door of the heater's electrical control box on the back of the heater.
4. Disconnect the transformer wiring from the heater's terminal strip and earth ground connection.
5. Use the ¼ in. nut driver to remove the transformer mounting screws.
6. Remove and discard the original transformer.

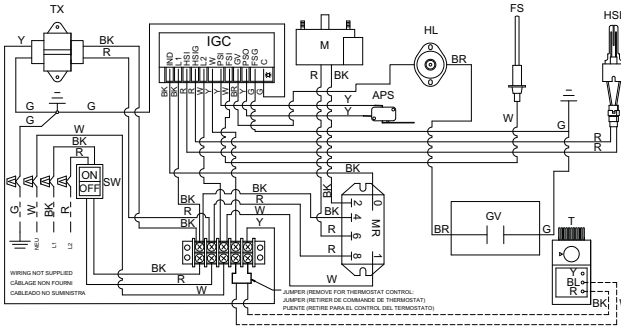
Installation:

1. Connect the kit's wires to the transformer as follows:
 - a. Black wire to terminal marked 240.
 - b. Red wire to terminal marked COM.
 - c. Yellow wire to terminal marked 24.
 - d. Green wire to remaining post.
2. The transformer must be positioned with its terminals directed toward the ignition control and located within the control box to allow proper reconnection of all wires without creating stress at the terminal connections.
3. Mount the transformer using the self-tapping screws.
4. Refer to the following wiring diagrams and reconnect the transformer wires accordingly.

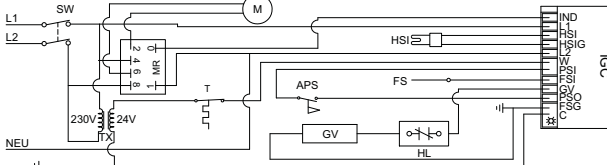
FIG. 1**Completion**

1. Reconnect the heater to its electrical supply and open the fuel supply to the heater.
2. Close and latch the access door.
3. Start the heater.
4. Ensure the main burner ignites.
5. Once proper operation has been confirmed, set the thermostat to the desired setting

230 / 60 / 1 Heaters



ELECTRICAL CONNECTION DIAGRAM / CONNEXIONS ELECTRIQUES / DIAGRAMA DE CONEXIONES ELECTRICAS

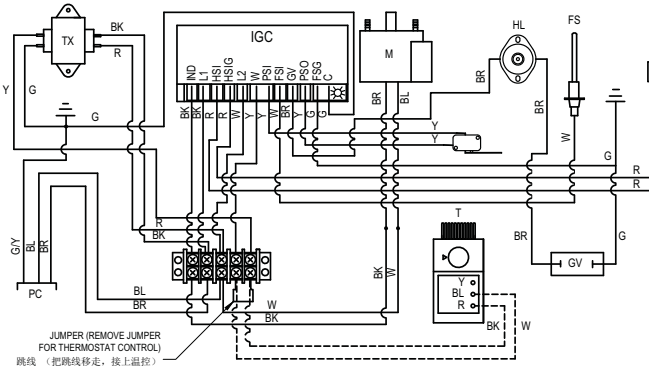


ELECTRICAL LADDER DIAGRAM / DIAGRAMME EN ESCALIER / DIAGRAMA ELECTRICO DE ESCALERA

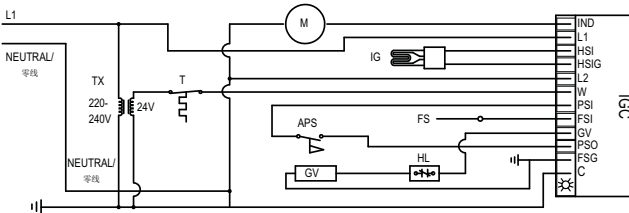
IF ANY OF THE ORIGINAL WIRING AS SUPPLIED WITH THE HEATER MUST BE REPLACED, IT MUST BE REPLACED WITH WIRING MATERIAL HAVING A TEMPERATURE RATING OF AT LEAST 302°F (150°C).
SIL FAUT REMPLACER UN DES FILS D'ORIGINE DE L'APPAREIL, IL FAUT LE REMPLACER PAR UN FIL AYANT UNE TEMPERATURE NOMINALE D'AU MOINS 302°F (150°C).
SI SE DEBE CAMBIAR CUALQUIER CABLE ORIGINAL PROPORCIONADO CON EL APARATO, SE DEBE CAMBIAR POR UN CABLE CON UNA CLASIFICACION DE TEMPERATURA DE AL MENOS 302°F (150°C).

150-30271 REV.C

230 / 50 / 1 Heaters



ELECTRICAL CONNECTION DIAGRAM/电连接图



ELECTRICAL LADDER DIAGRAM/电梯形图

IF ANY OF THE ORIGINAL WIRE AS SUPPLIED WITH THE BROOD HEATER MUST BE REPLACED, IT MUST BE REPLACED WITH WIRING MATERIAL HAVING A TEMPERATURE RATING OF AT LEAST 302°F (150°C)/倘若必须更换育雏取暖器的任何原装导线, 则换上的导线材料必须具有不低于摄氏150度的温度指标。

BK: BLACK/黑

BL: BLUE/蓝

BR: BROWN/褐

G: GREEN/绿

R: RED/红

W: WHITE/白

Y: YELLOW/黄

APS: AIR PROVING

SWITCH/空气验证开关

FS: FLAME SENSOR

火焰探测器

GV: GAS VALVE

燃气控制阀

HL: HIGH LIMIT

SWITCH/高限开关

IG: IGNITER/点火器

IGC: IGNITION CONTROL

点火控制盒

M: MOTOR/马达

PC: POWER CORD/电源线

T: THERMOSTAT(OPT.)

温控器 (可选择)

TX: TRANSFORMER/变压器

L.E.D./指示灯

EARTH GROUND/地线

CAUTION - REFER TO THE BROOD HEATER'S ELECTRICAL CONNECTION DIAGRAM WHEN SERVICING TO AVOID WIRING ERRORS & BROOD HEATER MALFUNCTION. CHECK FOR PROPER OPERATION AFTER SERVICING.

注意 - 维修时请参阅育雏取暖器的电连接图以免接线错误和育雏取暖器故障维修后请检查确认育雏取暖器工作正常

150-30350 REV.C

Service

Contact your local L.B. White dealer for replacement parts and service. You may also call the L.B. White Co., Inc. at 1-800-345-7200, for assistance, or email us at customerservice@lbwhite.com.

Be sure that you have your heater model number and configuration number when calling.



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变压器套件 570389

在线使用说明可登录网站 www.lbwhite.com 查看

套件包含：

描述	数量
变压器	1
带 1/4 英寸六角头的 3/8 英寸自攻螺丝	2
接线套件	1
安装指南	1

所需工具：

Guardian 加热器：

- 1/4 英寸 螺母刀
- Phillips 头螺丝刀

套件安装资格

- 您必须在开始之前阅读并理解本说明
- 您必须适当进行下列培训并达到合格水平；
 - 保养和维修燃气加热器
 - 安装变压器
 - 测试加热器是否正常运行，并将加热器放置在持续安全和正常运行的环境中。

讨论：

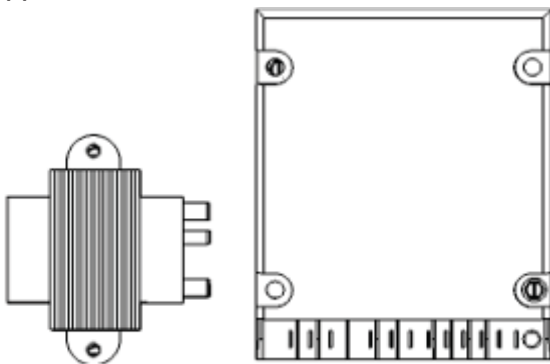
使用该套件代替Guardian 325电子点火加热器提供的原装变压器。

初步准备：

1. 断开电源。
2. 关闭燃料供应阀门。
3. 打开位于加热器背面的加热器电控箱的检修门。
4. 从加热器端板和接地端断开变压器接线。
5. 使用 1/4 英寸螺母刀拆除变压器安装螺丝。
6. 拆下并废弃原变压器。

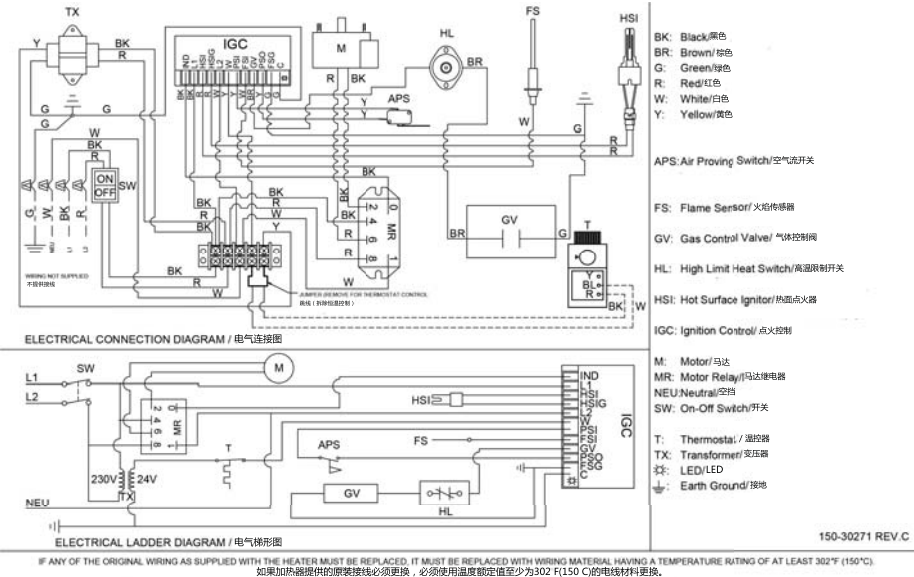
安装：

1. 将套件的电线连接至变压器，如下所示：
 - a. 黑色电线接至标记240的一端。
 - b. 红色电线接至标记COM的一端。
 - c. 黄色电线接至标记24的一端。
 - d. 绿色电线接至接线柱。
2. 变压器必须放置在指向点火控制的终端位置，并位于控制盒内，以允许重新连接所有电线时不会对终端连接产生压力。
3. 使用自攻螺丝安装变压器。
4. 参考以下接线图，然后重新连接相应变压器的电线。

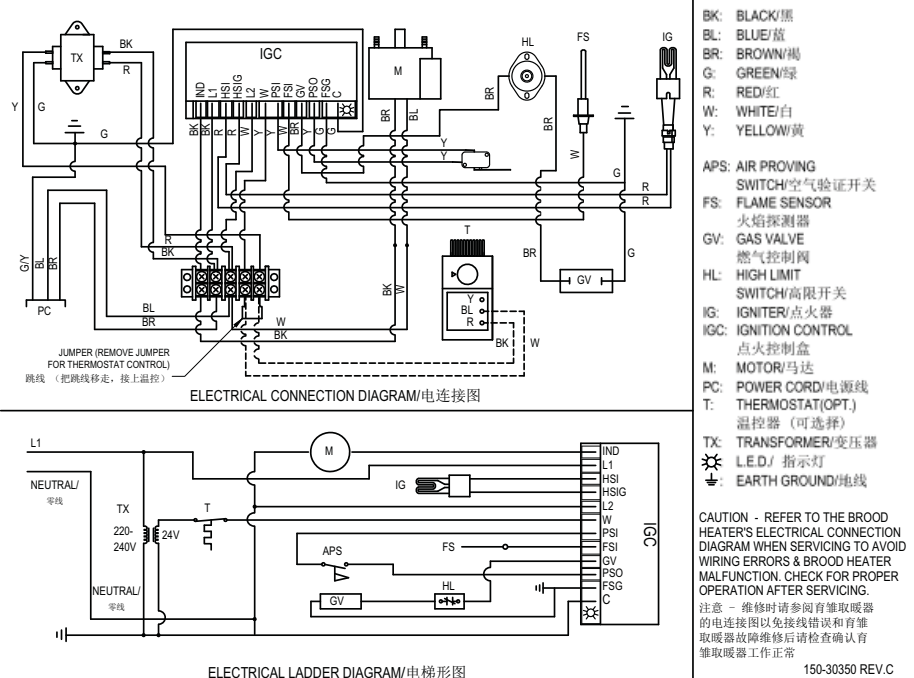
图1**完成**

1. 重新接通加热器电源，并打开加热器的燃料供应。
2. 关闭并锁上检修门。
3. 启动加热器。
4. 确保主燃烧器点火。
5. 在确认正常运行后，将温控器设定至预期设置。

230 / 60 / 1 加热器



230 / 50 / 1 加热器



服务

联系您当地的 L.B. White经销商，寻求更换零件及服务。您同样也可以致电 L.B. 拨打 1-800-345-7200 或者发送电子邮件至 customerservice@lbwhite.com，获得帮助。

致电时，请确保准备好您的加热器款式型号及配置号。



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