

## Branding Tools

### Read entire instructions and cautions carefully.

You are now the owner of a quality Wallbrand™ branding tool that will provide long and satisfactory service. To help you to get the best service from this tool, helpful instructions are provided below.

1. Before starting
  - a.) Make sure that the branding head has been firmly placed on the tool. If loose, use pliers or similar tool to tighten by turning clockwise. **Do not** over-tighten the branding head.
  - b.) Place tool stand on a heat resistant surface.
  - c.) Always rest the branding head adaptor in the "V" slot on the tool holder provided so that the hot parts of the iron do not contact other surfaces or materials. See picture below.

**NOTE:** FOR WB125 TOOL ONLY

- d.) Remove all flammable materials that are nearby, or next to, the branding tool.
2. Insert the tool's cordset plug into a grounded (3-conductor) power supply (outlet).
  - a.) If the WBTR-3 Temperature Regulator (optional is being used with the tool, make sure the switch has been turned on and placed at the desired setting. A lower setting will increase the heat-up time. See Page 4 for detailed instructions.

3. Allow the tool sufficient time to heat to branding temperatures, approximately 15-30 minutes depending on the particular tool and head size (the WB30 will heat within 10 minutes).

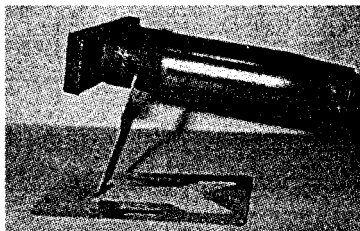
**NOTE:** WB200, WB300 and WB400 branding tools will emit smoke and an odor during the initial heat-up for up to 15 minutes. This is caused by the ceramic fiber liner during its break-in period. It is a normal occurrence. **Use adequate ventilation.**

4. At any given branding head temperature, branding times can vary considerably from one type of material to another (as hardwood vs. softwood, rubber vs. plastic or leather). Experiment on a piece of scrap material to determine the optimum elapsed branding time needed to obtain the best result.

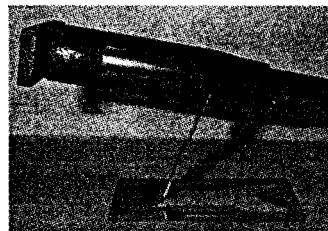
5. Hold the branding head flat against the wood. Apply only moderate pressure, allowing the tool's heat to do the "work" (burn-in the message).

It may be necessary to 'rock' the branding head from side-to-side to get a uniform burn over the entire brand (message). Consider using a 'locating template to initially position the branding head and/or to rebrand (overbrand) the first mark. (Refer to para. 8. Positioning Hints).

6. When branding several times in rapid succession, it may be necessary to allow a short interval between each brand to allow the branding head to **reheat** to branding temperature. This is particularly necessary when using a lower wattage tool or a medium wattage tool that has a large branding head.



**Correct**



**Incorrect**

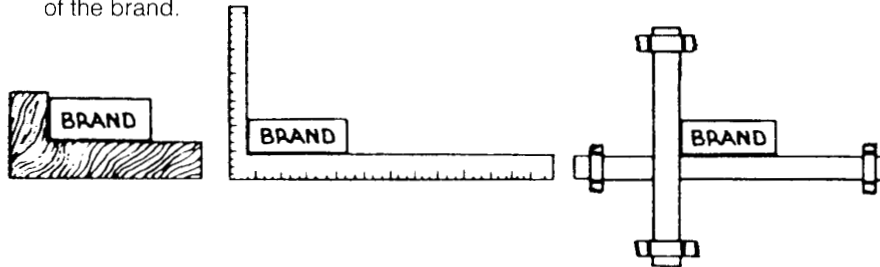
7. When branding on wood, any light burning of the area around the brand can be removed by carefully and gently sanding the overburned area with a fine sandpaper or steel wool (in the direction of the grain).
8. Positioning Hints  
As an aid for branding accurately and uniformly, a 'locating template' that positions the branding head is sometimes very useful.  
As it is not always possible to obtain a uniform or perfect brand on the first attempt, the need for the template will become obvious. An inexpensive, homemade locating template will help to initially position and orient the branding head. More importantly, it provides the means to accurately relocate the branding head when it becomes necessary to over-brand (re-brand) the first mark.

**Several inexpensive template possibilities are:**

- a.) Using 1/8" thick wood or a thin metal plate, form an 'L' shape by cutting out an area somewhat larger than the branding head.

**NOTE:** for safety and preventing burns, leave sufficient material around the cutout to provide a method for safely holding or clamping the template in place. Or, improvise a small handle.

- b.) Use a combination square.
- c.) Using two strips of wood or metal, form a right angle at the branding location and use tape to hold in position.
- d.) Masking tape placed at right angles can also serve as a guide to assure proper placement of the brand.



9. After use, or during prolonged idle periods, always turn unit OFF by removing plug from power outlet.
10. To prevent a permanent 'freezing' of the head to the tool, always loosen the branding head (two turns) after use and when tool has cooled to room temperature.

### **Ceramic Fiber Insulation Liner Replacement Part No. BH200-CF For Wallbrand™ Models WB200, WB300 and WB400**

Included with each Wallbrand™ tool listed above are three ceramic fiber insulation liners:

- 1 liner is mounted within the tool's shroud.
- 2 liners are replacement liners.

Failure to use an insulation liner can cause a loss of up to 150°F in the temperature of the branding head. Thus, it is important that a liner is always used and that it is in good condition. Replacement liners are readily available.

### **Ceramic Liner Installation**

1. Remove old insulation liner from within the tool's heater shroud.
2. Gently roll one insulation liner to about 1 1/2" diameter and place inside heater shroud.
3. Replace branding head.

**Note: The unit will emit smoke and odor on the initial heat-up for up to 15 minutes. This is a normal occurrence. Use adequate ventilation.**

## Temperature Regulator Model WBTR-3

**Read entire instructions carefully and observe all caution statements that come with tool.**

**Temperature Regulator WBTR-3 is for use only on Wallbrand™ branding tools or soldering irons. Do not use on any equipment drawing 4 amps or more, or as a speed control for motorized tools.**

The unit is optional and can be used with any Wallbrand™ tool for 120 VAC only:

- 1: Model WBTR-3 is a separate unit on a 10 ft cordset. A female plug connector is attached on the opposite end of the cordset.

The following operation instructions apply to the unit:

- Step 1: Place branding tool and its tool holder on a fire resistant surface and away from flammable materials.
- Step 2: Plug the branding tool's cordset into the female plug connector on the WBTR-3. Then plug the WBTR-3 into a 120 VAC power outlet.
- Step 3: Turn Regulator unit on and set the dial to the desired setting.  
NOTE: the % numbers on the face plate indicate the % of watts being used by the brander - not the % of temperature at the branding head.
- Step 4: Allow tool to heat (about 12-15 minutes).
- Step 5: Test tool's heat by branding on scrap wood.
- Step 6: Adjust Regulator to right (more heat) or to left (less heat) as needed and repeat Steps 4 and 5 until best branding temperature is obtained.
- Step 7: Brand with tool. Adjust setting on Regulator (per Step 6) only if finer adjustment is needed.
- Step 8: To extend the life of the tool and branding head, do not allow tool to remain at branding temperature during prolonged idle periods. Either turn Regulator down to a low setting (25% or less), or turn unit completely OFF. NOTE: If tool is to be used again after an idle period, the tool will regain branding temperature more rapidly if allowed to remain ON at a low setting.
- Step 9: To turn tool off, turn dial counterclockwise to OFF. If tool will not be used for prolonged periods, unplug tool and Temperature Regulator.
- Step 10: Allow tool to cool to room temperature before moving or placing the tool in storage (approximately 1-2 hours).

**CAUTION**

1. Adequate ventilation must be used at all times as smoke and fumes are result of branding.
2. Allow tool to cool to room temperature before placing the tool in storage (allow 1-2 hours).
3. Turn the iron off by unplugging the unit when it is not being used. This will greatly increase the life and performance of the tool.
4. This tool gets very hot and can cause severe burns. When using the tool, touch the handle only. **Do not touch any metal parts.**
5. Always rest the branding tool on the tool holder provided so that the hot parts of the iron do not contact other surfaces or materials.
6. If a separate tool holder is used always use a pair of pliers to move the tool holder, as the holder can become hot while it holds the iron.
7. To prevent fires, keep tool and tool holder away from all combustible materials.
8. **Do not put tool in water. To do so could cause you serious injury and/or damage to the tool.**
9. **This tool is not a toy. Keep and store out of reach of children.**

**LIMITED WARRANTY**

Wall Lenk Corporation warrants its products and accessories to be free from defective materials and workmanship for a period of ninety (90) days from date of original purchase.

This warranty does not apply to any product which has been disassembled, damaged or defaced, subjected to misuse, abnormal service and mishandling, nor any product altered, repaired, or disassembled by anyone other than Wall Lenk Corporation.

During this warranty period, Wall Lenk Corporation, at its option, may repair or replace such product at no cost to the purchaser for labor and/or materials during the warranty period when this product is returned, insured and with transportation cost pre-paid to Wall Lenk Corporation, together with proof of purchase.

THIS WARRANTY IS THE ONLY WARRANTY APPLICABLE TO WALL LENK CORPORATION'S PRODUCTS AND ACCESSORIES AND IS EXPRESSLY IN LIEU OF ANY AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. WALL LENK CORPORATION SHALL NOT BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES RESULTING FROM BREACH OF WARRANTY. THE REMEDIES EXPRESSLY SET FORTH HEREIN ARE EXCLUSIVE AND NO OTHER REMEDY FOR BREACH OF WARRANTY EXISTS.