

Wallbrand™ Drill Press (DP) Units

INSTALLATION AND USE INSTRUCTIONS

See Illustration on front page for Parts and Locations.

Disconnect Power Supply

1. **Disconnect the power supply to the drill press being used.** This is to prevent the drill press from being turned on and rotated during branding, an action which could sever the cord and cause serious damage or injury.

Installing Branding Head on the DP Unit

2. Check to make sure that a Ceramic Fiber Insulation Liner (liner), in good condition, is in the Shroud. Failure to use a Liner will reduce branding temperatures by up to 150°F and cause erratic performance. Replacement Liners, Part WB-200CF, are available. Install by 'rolling' Liner into a 1½" dia. cylinder before placing it into Shroud.
3. **To install the branding head on the Wallbrand DP unit:** insert tapered end of Branding Head into the Shroud and over the Heating Element, turn it clockwise to tighten it onto the threads of the Heating Element.

Placing DP Unit into Drill Press

4. **Place Shank of the DP unit into the chuck of the drill press and tighten all chuck jaws.**
5. **Plug the Wallbrand DP Power Cord only into a grounded power outlet. Do not connect the drill press to a power supply.**

Getting Ready to Brand

6. **Allow approximately 20 minutes** for the Branding Head to reach adequate branding temperature. Time varies depending on tool wattage, branding head size and ambient temperature, and material being branded.
7. **Test brand on scrap material** after reaching branding temperature to determine the proper 'dwell time' and proper positioning of branding head for the desired result.

Branding Head Adjustments

Warning: Use extreme caution when adjusting the level of the Branding Head while the DP unit is hot. Severe burns will result if any metal part of the DP unit is touched.

8. **If the resultant brand is not uniform, an adjustment to the angle of the head may be desirable.** Use the dual-disc feature to make the correction by "raising" that portion of the head where the darkest branded area occurs.
 - 8.1 Loosen Retaining Nut(s) (turn counter-clockwise) directly above the section of the Branding Head that burned darkest (deepest).
 - 8.2 Turn Bolt Head clockwise (*to right*) to raise the bottom plate (thus Branding Head) -or counter-clockwise (*to left*) to lower the Bottom Plate (thus Branding Head) if necessary.
 - 8.3 Make small adjustments, then rebrand after each adjustment to check the change in branding result.
 - 8.4 After the final adjustment, lock into position by turning all Retaining Nuts clockwise (*to right*).