

Thermo-Loc™ Handle INSTRUCTIONS

PART #004-800

LIT-188

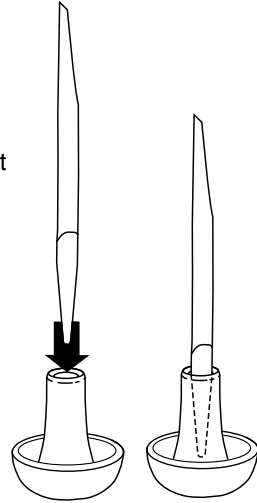
Installing the Tool

1. Remove any paint, oil, rust, or dirt from the tool shank.
2. Heat Thermo-Loc Handle to about 170° - 200° F (77° - 93° C) to soften the Thermo-Loc core. Heat using a warm oven, slow cooker, or hot water.



CAUTION: If using a microwave oven, follow microwave instructions below.

3. Insert tool shank into softened Thermo-Loc core to the desired depth and position. If the tool shank cannot reach the desired depth, remove the tool and heat the handle **OR** clamp tool with vise and lightly hammer knob to desired depth.
4. Let handle cool completely before using — a refrigerator / freezer will safely speed cooling.



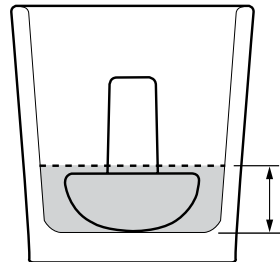
WARM the handle
or tool tang

INSERT tool • Let it **COOL**

YOU'RE DONE!

Using a Microwave Oven

1. Remove any metal or tools from Thermo-Loc Handle. **NEVER** place any metal, including tools installed in Thermo-Loc handles, in a microwave oven.
2. Place Thermo-Loc Handle with knob (large end) down into a shallow microwave-safe cup or glass. Add enough water to cover the knob only.
3. Heat at 50 - 100% power for 30 - 60 seconds until Thermo-Loc core softens.



WATER LEVEL

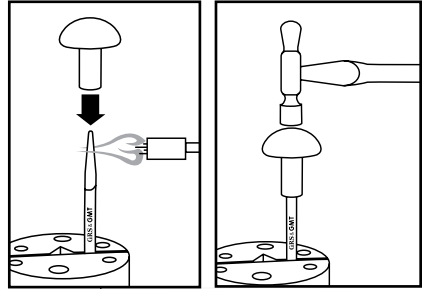


CAUTION: Knob **MUST** be covered with water or material may distort or melt. If handle falls during heating, *stop and reposition* so knob is covered with water. Microwave ovens vary with age and wattage. **DO NOT OVERHEAT** — use care to soften Thermo-Loc just enough to allow tool installation. **DO NOT TOUCH HEATED HANDLE WITH BARE HANDS.** Use gloves or a suitable pad.

See reverse for more details.

Installing the Tool - Alternative Method

1. Clamp tool in vise with clean shank exposed. Heat tang slowly and sufficiently with heat gun or small torch. DO NOT OVERHEAT.
2. Press unheated Thermo-Loc Handle onto heated tool shank. If needed, lightly hammer knob to desired depth.
3. Let handle cool completely.

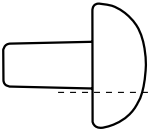


Tool Removal

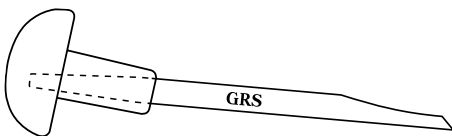
1. Clamp tool tightly in vise and tap off the handle with a hammer. This method leaves no residue from the Thermo-Loc core.
2. If handle does not release with minimal effort, heat in a warm oven, slow cooker, or hot water. DO NOT PUT HANDLE WITH INSTALLED TOOL IN MICROWAVE OVEN.
3. When core softens, remove tool using gloves or a suitable pad to protect hands.

Creative Modifications

ADDING A FLAT: Some engravers and jewelers prefer a flat graver handle surface. To add a flat, cut off the knob material with a hacksaw or jeweler's saw. File or sand edges until smooth.



GRAVER CANTING: At times, a canted (tilted) graver is desirable to change the working angle or to increase hand clearance. Thermo-Loc Handles allow for fast and easy graver canting by design. Because Thermo-Loc Handles are reusable by reheating, it is economical (and even fun) to try different angles. You may discover added control and comfort with the right canting angle.



GRS Gravers

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