

SEALEY

MICRO BUTANE SOLDERING TORCH

MODEL NO: **AK293.V2**

Thank you for purchasing a Sealey product. Manufactured to a high standard, this product will, if used according to these instructions, and properly maintained, give you years of trouble free performance.

IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS & CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. KEEP THESE INSTRUCTIONS SAFE FOR FUTURE USE.



Refer to
instruction
manual

1. SAFETY

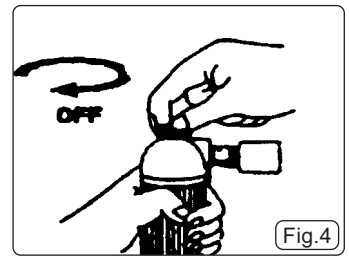
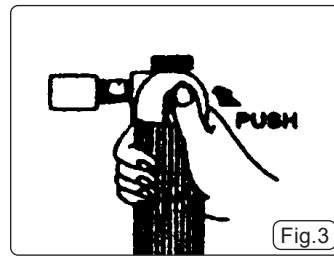
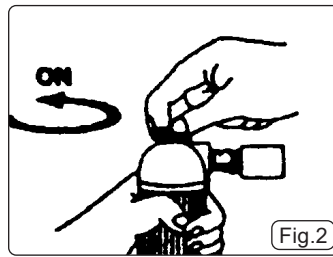
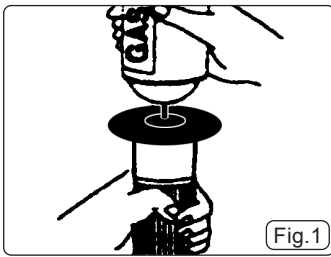
- ❑ **WARNING!** Ensure Health & Safety, local authority and general workshop practice regulations are adhered to when using the torch.
- ✓ Familiarise yourself with the application and limitations, as well as the potential hazards, peculiar to the torch.
- ✓ Butane gas is highly flammable, so keep an appropriate fire extinguisher close to hand.
- ❑ **WARNING!** Use and handle the butane gas (lighter fuel) in accordance with the instructions supplied with the fuel.
- ✓ Keep the work area clean, uncluttered and ensure there is adequate ventilation and lighting.
- ✓ Keep children and unauthorised persons away from the working area.
- ✓ Remove ill fitting clothing. Remove ties, watches, rings and other loose jewellery, and contain and/or tie back long hair.
- ✓ Keep hands and body clear of the torch head when operating as it becomes very hot.
- ✓ Secure unstable workpiece with a clamp, vice or other adequate holding device.
- ✗ **DO NOT** get the torch wet or attempt to cool the torch with water.
- ✗ **DO NOT** use the torch in an area where paint fumes, solvents or flammable liquids pose a potential hazard. Keep flammable material away from the torch when operating. Flammable waste, such as wiping or cleaning rags, must be placed in a closed metal container and disposed of correctly.
- ✗ **DO NOT** use the torch for any purpose other than for which it is designed.
- ✗ **DO NOT** use accessories other than those supplied with the torch.
- ✗ **DO NOT** point the torch at yourself, others, or animals.
- ✗ **DO NOT** operate the torch when you are tired, or under the influence of alcohol, drugs or intoxicating medication.
- ✗ **DO NOT** allow untrained persons or children to operate the torch.
- ✗ **DO NOT** touch the workpiece close to the heated area as it will be very hot. Allow to cool.
- ❑ **WARNING!** Failure to use the torch correctly may result in fire, damage and/or personal injury.
- ❑ **WARNING!** Always point the torch away from the eyes and body when igniting and during operation.
- ❑ **WARNING!** Ensure the Adjustment Knob is firmly closed and the flame completely extinguished after use.
- ✗ **DO NOT** hold the workpiece by hand. Use clamps or a vice (not included) to secure the workpiece.
- ✗ **DO NOT** operate the torch if any parts are damaged or missing as this may cause failure and/or possible personal injury.
- ✗ **DO NOT** use this torch for longer than one hour continuously.
- ✗ **DO NOT** leave the torch operating whilst unattended.
- ✗ **DO NOT** leave the torch, after use, until it has cooled.
- ❑ **WARNING! DO NOT** touch the torch head during, or immediately after, use. Allow the torch to cool naturally before handling it or returning it to its storage case.
- ✓ When not in use ensure the gas supply is turned off.
- ✓ When work is complete, allow the torch to cool. Clean the torch and accessories, return to case and store in a safe, dry childproof location.
- ✗ **DO NOT** store in direct sunlight or where the temperature could exceed 104°F/40°C
- ▲ **DANGER! The flame is invisible in sunlight - be extremely cautious.**

2. INTRODUCTION

Piezoelectric ignition with ceramic burner head for simple operation and long-life. 1300°C Burner flame adjustable from 12 to 35mm. Includes bench stand for hands-free operation. Standard fill gives approximately 1 hour continuous operation. Powered by Butane (lighter fuel).



3. PREPARATION



NOTE: The torch is supplied without butane gas. Before use it must be fuelled as follows:

3.1. GAS REFILLING

- **WARNING!** Extinguish any nearby naked flames or sources of ignition. Use only high quality butane gas (lighter fuel).
- 3.1.1. Ensure the ON/OFF adjustment knob is in the OFF position.
- 3.1.2. Shake the gas container several times to warm the fuel up.
- 3.1.3. Insert the container nozzle vertically down into the gas filling valve in the base of the gas tank.
- 3.1.4. Use a pumping action to obtain the best results (fig.1).
- 3.1.5. After filling, allow a few minutes for the gas to stabilise.

NOTE: Before refilling, ensure that the filler valve and the probe on the can of lighter fluid are clean and free from dirt and debris. Check that the correct filling adaptor is fitted to the lighter fluid refill can.

Ensure that the torch and the can of lighter fluid are at room temperature before commencing refill.

- **WARNING!** Lighter fluid is highly flammable – refill in a well ventilated place, away from any sources of ignition.
- 3.1.6. Fill in conjunction with the operating and safety instructions found on the can of lighter fluid.
- 3.1.7. If any spillages occur during the refilling process, allow plenty of time for escaped gas to evaporate before allowing sources of ignition in the vicinity.
- 3.1.8. Once full, check the torch for leaks by listening for a hissing noise. If the hissing persists, do not ignite and remove the torch to a well ventilated area until the gas has escaped –do not allow any ignition in the vicinity of the tool.

4. OPERATION

- **WARNING!** Ensure you have read and understood the safety instructions in Section 1 before using the torch.

4.1. LIGHTING THE TORCH

- 4.1.1. Turn the adjustment knob counter-clockwise until escaping gas can be heard (fig.2).
- 4.1.2. Press the ignition button and the flame will ignite (fig.3).
- 4.1.3. If the flame does not ignite, check and adjust the gas/air mix by rotating the air control sleeve (see fig.A). Press ignition button again to ignite.

4.2. TEMPERATURE ADJUSTMENT

- 4.2.1. Using the adjustment knob, regulate the length of the flame to approximately 10-25mm.

NOTE: An excessively long flame will waste gas.

- 4.2.2. Adjust the temperature by rotating the air control sleeve and varying the size of the air inlet.
 - a. Large air inlet = high temperature.
 - b. Small air inlet = low temperature.

4.3. TURNING THE TORCH OFF

- 4.3.1. Turn the adjustment knob clockwise to shut off the flame (fig.4).



ENVIRONMENT PROTECTION

Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. When the product becomes completely unserviceable and requires disposal, drain any fluids (if applicable) into approved containers and dispose of the product and fluids according to local regulations.



Note: It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice. Please note that other versions of this product are available. If you require documentation for alternative versions, please email or call our technical team on technical@sealey.co.uk or 01284 757505.

Important: No Liability is accepted for incorrect use of this product.

Warranty: Guarantee is 3 years from purchase date, proof of which is required for any claim.

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