



INSTRUCTIONS FOR:

# 3-IN-1 MICRO BUTANE TORCH/SOLDERING KIT

MODEL NO: **AK2941.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.**

## 1. SAFETY

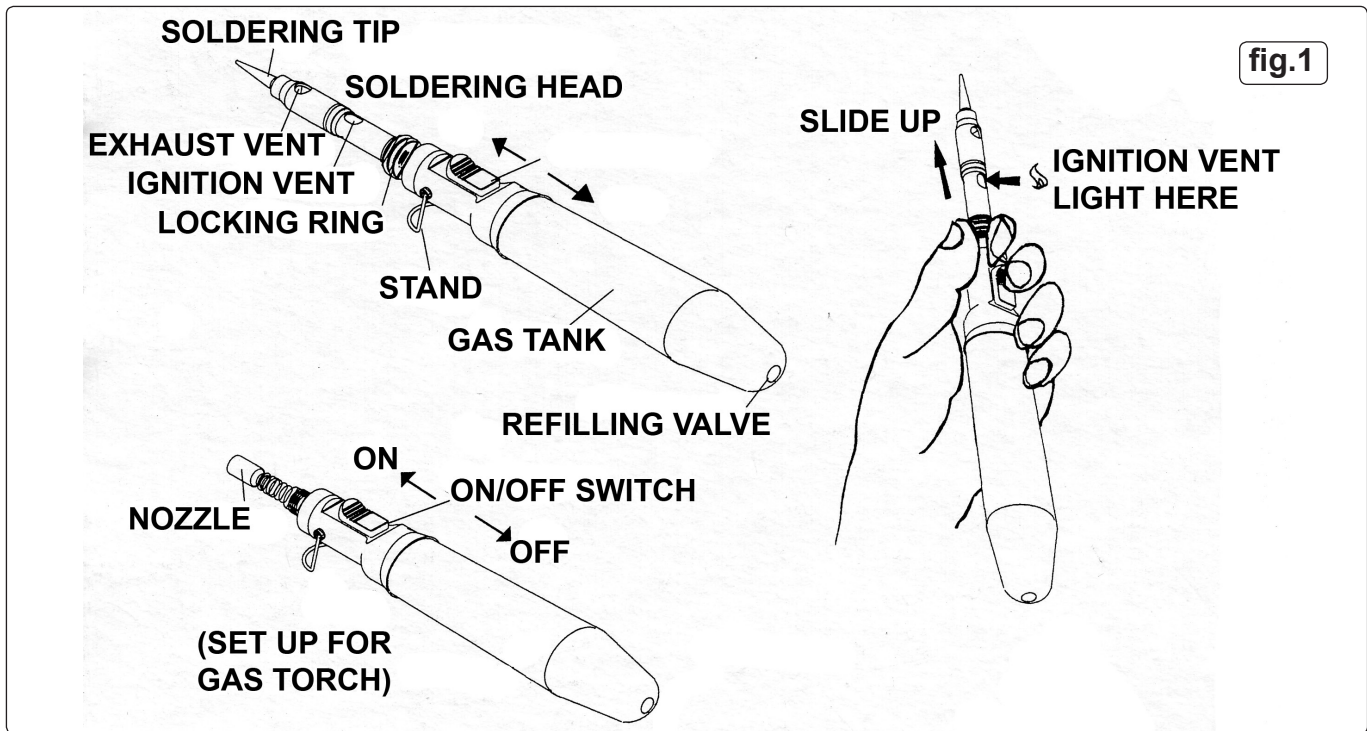
- WARNING!** Ensure Health & Safety, local authority, and general workshop practice regulations are adhered to when using this equipment, make sure you know where the nearest fire extinguisher is.
- WARNING!** Always wear approved eye / face protection when operating the torch.
- WARNING!** Do not use the torch if you notice damage to the workpiece or if there could be a gas leak from it.
- WARNING!** Butane gas is extremely flammable, handle with care.
- WARNING!** Always point the torch away from the eyes and body when igniting and during operation.
- WARNING!** Do not put the torch down when it is lit, **DO NOT** leave it unattended.
- WARNING!** The flame is not easily visible in bright daylight.
- WARNING!** Ensure the flame is completely extinguished after use. **DO NOT** use water to cool the torch down.
- WARNING!** Only use in a well ventilated area.
- DO NOT** use the torch in an area where paint fumes, solvents or other flammable solids, liquids or gases pose a potential hazard. Keep flammable material away from the torch when operating.
- DO NOT** operate the torch when you are tired or under the influence of alcohol, drugs or intoxicating medication.
- DO NOT** hold any workpiece by hand.
- DO NOT** touch the workpiece close to the heated area as it will be very hot. Allow to cool.
- DO NOT** operate the torch if it is damaged as this may cause failure and/or possible personal injury.
- DO NOT** touch the top of the torch during or immediately after use, as it will be very hot. Allow to cool.
- DO NOT** allow children to operate the torch.
- After use, apply the safety lock and allow the torch to cool before storing it.
- When not in use, store away from direct sunlight in a safe, dry, childproof location.
- DO NOT** store at over 40°C, such as in a car in hot weather.

## 2. INTRODUCTION

Portable and lightweight, suitable for heating, soldering and shrinking plus many other applications. Powered by Butane (lighter fuel) and features an adjustable heat control ranging up to 1300°C. Fitted with retractable stand. Requires separate ignition.

## 3. OPERATION

- WARNING!** Only attempt assembly once the Soldering iron has cooled down.
- 3.1. Assembly (Refer to fig.1)**
  - 3.1.1. Assemble the Soldering head into the Torch Nozzle and tighten the locking ring clockwise. The Soldering head can be moved forwards and backwards.
  - 3.1.2. Make sure the Exhaust vent faces upwards.
  - 3.1.3. Disassemble the Soldering head by rotating the locking ring anticlockwise.
- 3.2. Ignition/Extinguishing (Refer to fig.1)**
  - 3.2.1. Face the Exhaust vent upwards, exhaust air will come out of Exhaust vent.  
**Caution:** please keep away from any flammable source and away from other people. Facing the Exhaust vent downwards will damage the surface of a desk or tabletop.
  - 3.2.2. Move the ON/OFF switch to the ON position to release the gas.
  - 3.2.3. Pull the soldering head forward to see the hole and the nozzle of the gas torch. Light the gas with an open flame (a lighter or a match) by applying the flame to the ignition vents of the soldering tip.
  - 3.2.4. Pull the soldering head backwards. The flame will then disappear inside the metal sleeves and begin to generate heat.
  - 3.2.5. Move the ON/OFF switch to the OFF position to extinguish the soldering iron.
- 3.3. Gas Torch (Refer to fig.1)**
  - 3.3.1. Remove the Soldering head.
  - 3.3.2. Move the ON/OFF switch to the ON position to release the gas.
  - 3.3.3. Light the torch by placing an open flame next to the Torch Nozzle.
  - 3.3.4. Move the ON/OFF switch to the OFF position to extinguish the flame.
- 3.4. Hot Blower (Refer to fig.1)**
  - 3.4.1. Remove the Soldering Tip by turning anticlockwise. The assembly can now be used as a Hot Blower. (Operation is the same as above for the Soldering Iron).
- 3.5. Flame Adjustment (Refer to fig.1)**
  - 3.5.1. Move the gas volume control towards the higher numbered positions to increase the flame or towards the lower numbered positions to decrease the flame.  
**Note:** **DO NOT** start the flame at the higher numbered positions, the longer flame may cause the torch to flare or extinguish. Move the gas lever to the '1' position and then set up the most efficient flame.
- 3.6. Refilling Gas (Refer to fig.1)**
  - WARNING!** Take care when refilling.
  - 3.6.1. Before refilling please make sure the flame is fully extinguished and cooled down. Move the ON/OFF switch to the OFF position.
  - 3.6.2. Refill in a well ventilated area away from any source of ignition and away from other people.
  - 3.6.3. Refill with butane gas only, never use unapproved fuels.
  - 3.6.4. Place the Soldering iron in an upside down position and insert the nozzle of the butane canister into the gas refilling valve.
  - 3.6.5. Press down on the canister until the gas starts to overflow.



**Environmental 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 off any fluids (if applicable) into approved containers and dispose of the product and the 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.

**IMPORTANT:** No liability is accepted for incorrect use of this product.

**WARRANTY:** Guarantee is 12 months from purchase date, proof of which will be required for any claim.

**INFORMATION:** For a copy of our latest catalogue and promotions call us on 01284 757525 and leave your full name and address, including postcode.



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