

Clarke®



SOLDERING GAS TORCH KIT

MODEL NO: CBT5KB

PART NO: 6010098

OPERATION & MAINTENANCE INSTRUCTIONS



ORIGINAL INSTRUCTIONS

LS0718 ISS 1

INTRODUCTION

Thank you for purchasing this CLARKE product.

Before attempting to use this product, please read this manual thoroughly and follow the instructions carefully. In doing so you will ensure the safety of yourself and that of others around you, and you can look forward to your purchase giving you long and satisfactory service.

GUARANTEE

This product is guaranteed against faulty manufacture for a period of 12 months from the date of purchase. Please keep your receipt which will be required as proof of purchase.

This guarantee is invalid if the product is found to have been abused or tampered with in any way, or not used for the purpose for which it was intended.

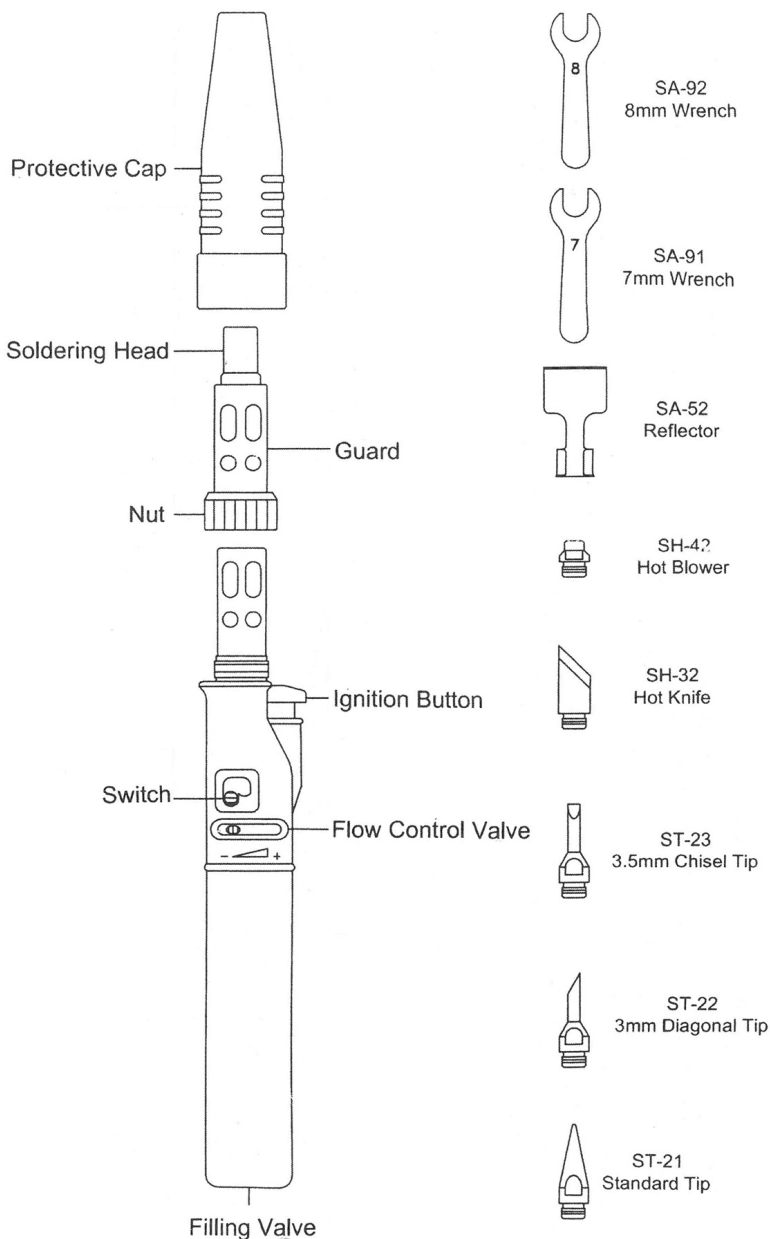
Faulty goods should be returned to their place of purchase, no product can be returned to us without prior permission.

This guarantee does not effect your statutory rights.

WARNINGS

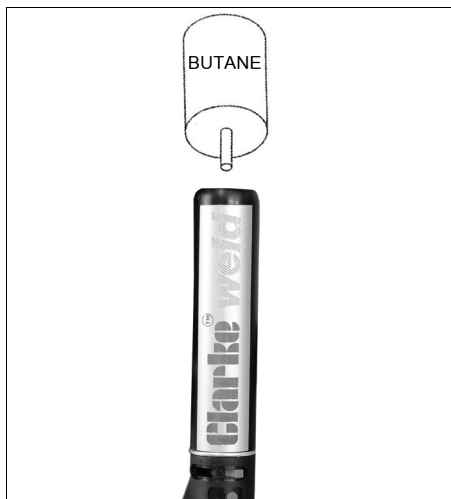
1. Do not refill with gas or store near open flames, heaters or combustible materials.
2. Only use high quality Butane gas.
3. Butane gas is highly flammable, please handle with care.
4. Do not drop, puncture, or incinerate.
5. Do not store or operate where the temperature is above 50°C
6. Keep out of reach of children.
7. Let the soldering iron cool down before replacing the cap and storing.
8. Do not try to overfill the tank.

OVERVIEW



GAS FILLING AND REFILLING

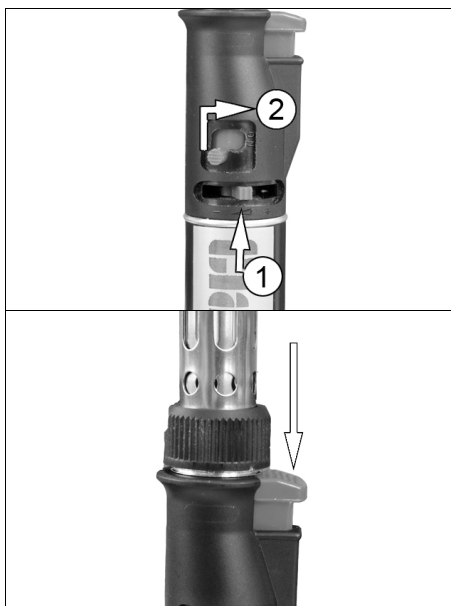
1. Make sure that the Switch is turned to the 'OFF' position before filling.
2. Hold the unit upside down vertically and insert the gas containers nozzle into the filling valve.
3. When gas escapes from the filling valve, remove the nozzle.



IGNITION

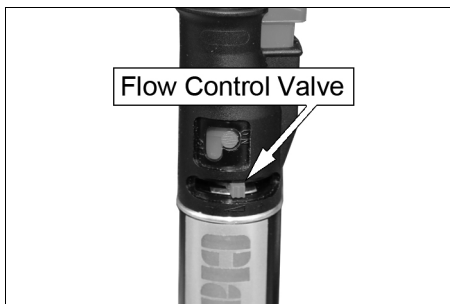
1. Move the flow control valve to the middle position
2. Move the switch upwards and to the right.
3. Press down on the ignition button to light the unit.

NOTE: When the unit is being used for soldering you will notice that the soldering head glows red.



FLAME LENGTH OR TEMPERATURE ADJUSTMENT

1. After ignition, slide the flow control valve:
 - To the right to increase the flame length or the temperature of the soldering tip or hot air,
 - To the left to decrease the flame length or the temperature.



OPERATING TIPS

1. AFTER FILLING OR REFILLING WITH GAS WAIT FOR APPROXIMATELY 2 MINUTES SO THAT THE GAS IN THE CYLINDER STABILISES.
2. The soldering tip must be tin plated before using for the first time. A thin layer of solder should be applied to the tip once it is hot.
3. Soldering should NOT be carried out on "live" circuits, as this soldering unit does not possess any electrical insulation.
4. Keep the soldering sponge damp.

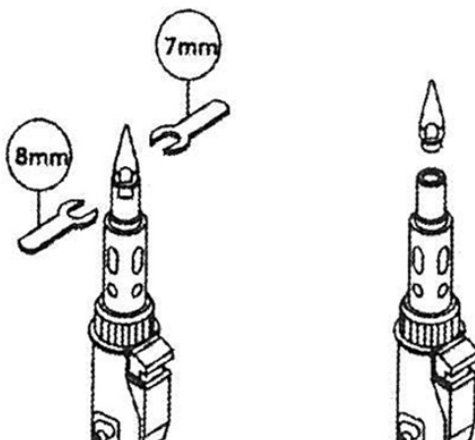
SHUTTING OFF

1. Move the switch upward and to the left.
 - The switch will return to the "OFF" position






HOW TO FIT OR REPLACE ACCESSORIES




REPLACE THE SOLDERING TIPS



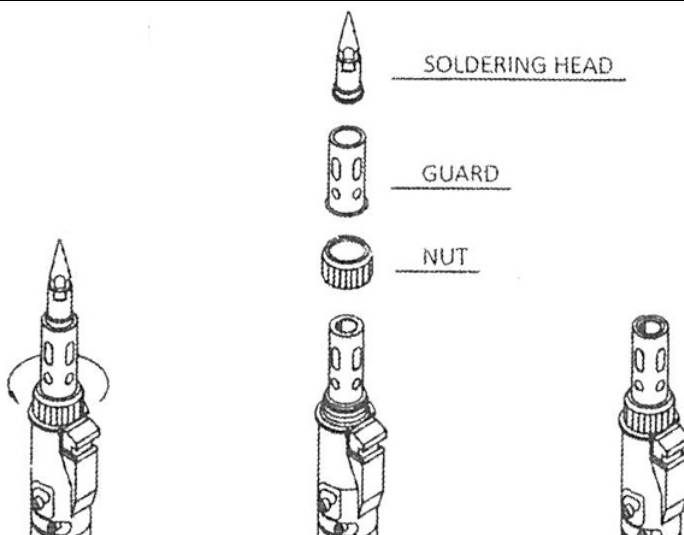
1. Place the 7mm wrench onto the soldering tip or hot blower head and the 8mm wrench on the soldering head, Hold the 8 mm wrench in place. Turn the 7 mm wrench:

- Clockwise to tighten
- Anti-clockwise to loosen.

| | |
|---|---|
|  | Standard Tip (ST-21) |
|  | Hot Blower (SH-42) |
|  | Reflector (for use with the hot blower) (SA-52) |

| | |
|---|---------------------------|
|  | 3.5 mm Chisel Tip (ST-23) |
|  | 3 mm Diagonal Tip (ST-22) |
|  | Hot Knife (SH-32) |

CONVERT THE UNIT TO OPEN FLAME TORCH



1. Unscrew the nut.
2. Remove the guard and soldering head,
 - This unit then becomes an open flame torch.

TROUBLESHOOTING

| PROBLEM | CAUSE | SOLUTION |
|--------------------------|-----------------------------------|---|
| Does not ignite. | No gas. | Refill with butane gas. |
| | Gas pressure too high or too low. | Slide flow control to lower or higher position. |
| Torch flame lacks power. | Insufficient gas power. | Refill with butane gas. |
| Tip does not heat up. | Insufficient gas power. | Refill with butane gas. |
| | Catalyst is damaged. | Replace with a new part. |

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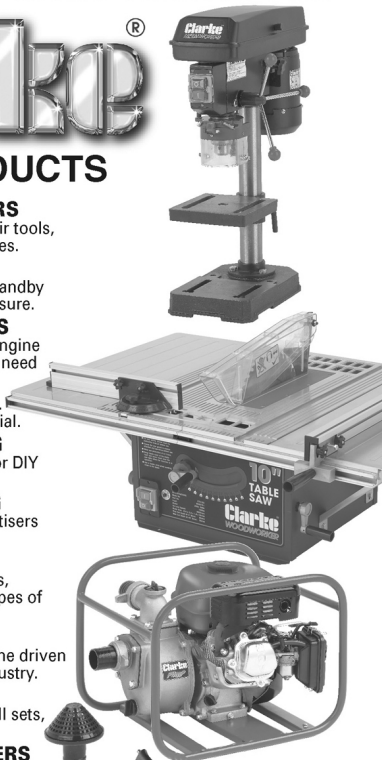
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