

INSTRUCTIONS FOR USE OF VULKAN P100/P100K

SAFETY PRECAUTIONS.

- Your Vulkan Iron is a quality tool, not a toy. Please keep it out of the reach of children.
- Your Vulkan Iron contains pressurised butane gas. Keep away from direct heat and out of direct sunlight.
- **DO NOT** puncture the body of your Vulkan Iron and do not place it in a fire or near a naked flame.
- **DO NOT** use in confined spaces. **Ensure work area is adequately ventilated.**
- **DO NOT** drop or cause hard shocks to unit or expose to temperatures in excess of 50°C (120°F).
- When you fill or operate your Vulkan Iron, ensure that you are not near other naked flame or combustible materials.
- Before filling with butane gas, ensure that your Vulkan Iron is switched off.
- For best results, use only branded quality butane gas. **Vulkan Gas Tools recommend Ronson Gas.**
- Point your Vulkan Iron away from your body and face when igniting or filling.
- After ignition, the **Tip** of your Vulkan Iron becomes hot very quickly; do not touch with unprotected fingers.
- Ensure that the **Tip** of your Vulkan Iron is cool before removing or replacing it.
- **DO NOT** leave your Vulkan Iron unattended while it is in the operating mode.
- In the event of leakage, place in an open well-ventilated area, away from naked flame, until empty. Then return to purchase point.

GAS FILLING

- Ensure your Vulkan Iron is switched off.
- Hold your Vulkan Iron vertically with the **Tip** pointing downwards and the **Gas Refill Valve** uppermost.
- Introduce the adapter of the gas refill cylinder into the **Gas Refill Valve** and press the cylinder vertically downwards. You can observe the fill level through the **Translucent Gas Tank**. As soon as the unit is full, liquid gas will overflow from the **Gas Refill Valve**. Leave for 3 minutes to stabilise.

OPERATING:

AS A SOLDERING IRON

- Point the tip end of your Vulkan Iron away from your face and body.
- Ensure that the **Gas Flow Adjuster** is positioned between mid and minus (-) position of its travel.
- Push the on/off **Switch** forward until you can hear gas being released to the tip.
- Using the **Ignitor Cap**, aim the spark at the larger **Exhaust** hole in the tip.
- Ignition of the gas is confirmed when an orange glow can be seen from the catalyst.
- If a flame continues to sit on top of catalyst reduce gas flow towards minus (-) position.
- To switch off, push the 'on/off' **Switch** down (away from the **Tip**) this will stop the supply of gas to the **Tip**. Alternatively, replacement of the Ignitor Cap will automatically push the on/off **Switch** to the 'off' position.

AS A GAS TORCH TOOL

- Remove the tip assembly, fit gas torch accessory VT-5, and repeat operating actions above.

AS A HOT AIR TOOL

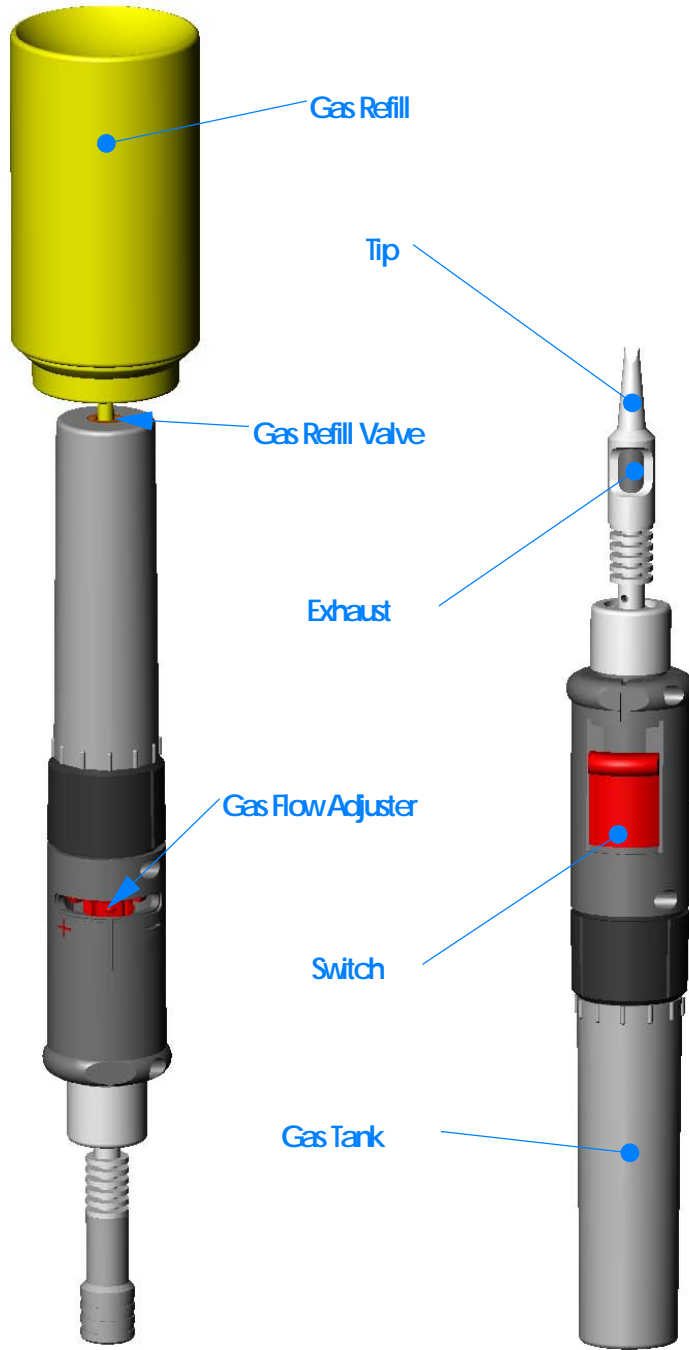
- Remove the tip assembly. Fit hot blow attachment VT-6. Repeat ignition sequence.

TIP REPLACEMENT

- Grip the **Tip** by hand and turn it anti-clockwise.
- If the **Tip** assembly is hot, remove it with smooth jaw pliers.
- Place any hot **Tips** into an open metal tray, or similar, to prevent damage to a surface or to the **Tip**. To fit a new **Tip** reverse actions above. **DO NOT FILE TIPS**

ADJUSTING GAS FLOW

Refer to Adjusting Gas Flow (.pdf) information



FAULT FINDING

Fault	Cause	Action
Does not ignite.	Tank empty.	Refill Gas Tank.
Does not ignite.	Adjuster incorrectly set.	Refer to P100 (Adjust Gas Flow)
Tip ignites but glow is intermittent.	Soldering Iron too cold	Warm Gas Tank in hand.
Gas flow appears to be pulsing, not smooth.	Gas setting too high.	Refer to P100 (Adjust Gas Flow)
Tip does not heat up.	Catalyst used up. Gas setting too low	Replace with new tip. Increase Gas Flow to Plus (+)

HINT:

Some of the above symptoms may occur if your Vulkan Iron has been stored in very cold conditions or if you have just filled the unit with Butane Gas.

Before igniting, warm the Gas Tank of your Vulkan Iron in your hand, for about 1 minute.